

Invitation for Bid

## DESCRIPTION: Custom Bally Walk-In Cooler & Freezer Units for Multiple School Locations

The Term "Offer" Means Your "Bid" or "Proposal".

SUBMIT OFFER BY (Opening Date/Time): 12/15/2022 at 2:00 PM - EST

See "Deadline for Submission of Offer" provision

QUESTIONS MUST BE RECEIVED BY: 11/30/2022 at 2:00 PM - EST

See "Questions from Offerors" provision

NUMBER OF COPIES TO BE SUBMITTED: One (1) original

Offers must be submitted in a SEALED PACKAGE. Solicitation Number & Opening Date must appear on package exterior.

### SUBMIT YOUR OFFER TO THE FOLLOWING ADDRESS:

	PHYSICAL & MAILING ADDRESS:
	Lancaster County School District
	Attn: Melinda Adams
	300 South Catawba Street
	Lancaster, SC 29720
	See "Submitting Your Offer" provision
CONFERENCE TYP	PE: N/A
DATE & TIME:	
LOCATION:	
(As appropriate, see "Conf	erences - Pre-Bid/Proposal" & "Site Visit" provisions)
AWARD &	Notice of Intent to Award will be posted on or about 12/16/2022 at the physical address stated above and at the

AWARD & AMENDMENTS	Notice of Intent to Award will be posted on or about 12/16/2022 at the physical address stated above and at the following web address: <u>https://sites.google.com/lcsd.k12.sc.us/lcsd-procurement/solicitations-awards.</u>
You must submit a s	igned copy of this form with your offer. By submitting a bid or proposal, you agree to be bound by the terms

of the solicitation. You agree to hold your offer open for a mir	nimum of sixty (60) ca	alendar days after the opening date.	
NAME OF OFFEROR (Full legal name of business submitting the	offer)	OFFEROR'S TYPE OF ENTITY:	
		(Check one)	
		□ Sole Proprietorship	
AUTHORIZED SIGNATURE		□ Partnership	
		Corporate entity (not tax-exempt)	
(Person signing must be authorized to submit binding offer to enter contract on behalf of Offeror named above.)		<ul> <li>Tax exempt corporate entity</li> <li>Government entity (federal, state, or local)</li> </ul>	
TITLE (Business title of person signing abov	· · · · · · · · · · · · · · · · · · ·		
PRINTED NAME (Printed name of person signing above)	DATE SIGNED	(See "Signing your Offer" provision)	
PRINIED NAME (Printed name of person signing above)	DATE SIGNED		
Instructions regarding Offeror's name: Any award issued will be issue	ed to, and the contract	will be formed with, the entity identified as the offeror	
above. An offer may be submitted by only one legal entity. The entity i	named as the offeror mi	ust be a single and distinct legal entity. Do not use the	
name of a branch office or a division of a larger entity if the branch or	division is not a separat	e legal entity, <i>i.e.</i> , a separate corporation, partnership,	
sole proprietorship, etc.			
STATE OF INCORPORATION (If offeror i	s a corporation, identify the SI	ate of Incorporation.)	
	· · · · · · · · · · · · · · · · · · ·		
TAXPAYER IDENTIFICATION NO. (See "Taxpayer Id	entification Number" provision	n)	
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#### PAGE TWO (Return Page Two with Your Offer)

					(Return Fa	ye i wo with rour	Ullel)			
HOME OFFICE ADDRESS (Address for offeror's home office / principal place of business)						RESS (Address to wh e sent.) (See "Notice" cla		ocurement a	nd contract related	
						Area Code - Nu	mber - Extension	Fa	acsimile	
						E-mail Address				
PAYMENT AD "Payment" clause)	DRESS (Ad	dress to	which payments will	be s	ent.) (See	ORDER ADD	RESS (Address to wh s and "Contract Docume			vill be sent) (See
	ddress same	as Noti	ne Office Address ice Address (cheo NDMENTS	ck on	ly one)		ress same as Home ( ress same as Notice			nly one)
Offeror acknowledg	Amendment		ents by indicating am Amendment No.	I	nendment Issue	its date of issue. ( Amendment No.	See "Amendments to So Amendment Issue	1	" Provision) dment No.	Amendment Issue
	Date				Date		Date			Date
DISCOUN PROMPT PA (See "Discount Payment" c	YMENT for Prompt	10	Calendar Days (%)		20 Calend	ar Days (%)	30 Calendar Days	(%)	(	Calendar Days (%)
Minority Part			ou a SC Certi ou a Non SC (				No □; If yes, So Yes □ No □	C Cert	ification	#
the law gove selling in-sta A summary <i>PREFEREN</i> <i>AWARD IS I</i> BEFORE CL REQUEST	erning pref te or US e of the <i>CES MUS</i> <i>MADE BY</i> AIMING A PREF CE YOU"	ferend end pi new ST BI (TTEN ANY EREN	ces available t roducts. This I preferences <i>CLAIMED J</i> <i>NOR LOT.</i> VE PREFERENC NCE, YOU <i>J</i>	io ir aw is A <i>NI</i> ND ES ARE	appears in appears in available <i>D ARE AP</i> ORS ARE . THE REC CERTIFY	dors, vendors Section 11-3 at <u>www.pr</u> PLIED BY L CAUTIONED UIREMENTS /ING THAT	e South Carolina s using in-state s 5-1524 of the So rocurement.sc.g INE ITEM, REC TO CAREFUL S TO QUALIFY YOUR OFFE S A PREFEREN	Subcor outh ( <u>ov/pre</u> GARD LY RE HAVI R QI	ntractors Carolina <u>eference</u> LESS C EVIEW T E CHAN JALIFIE	s, and vendors Code of Laws. <u>s</u> . ALL THE OF WHETHER HE STATUTE IGED. IF YOU S FOR THE
number for y Resident V 1524(C)(1)(ii not required,	your in-sta endor Pr i)). Accord but can b	ate of efere dingly be ber	fice in the spa nce (11-35-1 r, you must pr	ace 524 ovic are	provided b 4(C)(1)(i)&(i de this infor claiming th	elow. An in- i)) or the mation to qu e Resident S	E: Please prov state office is n Resident Cont alify for the pre Subcontractor Pr	ecess ractor ferenc	ary to cl Prefer e. An in	aim either the ence (11-35- -state office is
In-State Office Address same as Notice Address										

End of PAGE TWO

# Solicitation Outline

- I. Scope of Solicitation
- II. Instructions to Offerors
  - A. General Instructions
  - B. Special Instructions
  - Scope of Work/Specifications
- IV. Information for Offerors to Submit
- V. Qualifications

III.

- VI. Award Criteria
- VII. Terms and Conditions
  - A. General
  - B. Special
- VIII. Bid Schedule
- IX. Attachments to Solicitation
- X. Minority Participation

## I. SCOPE OF SOLICITATION

The Lancaster County School District is seeking competitive sealed bids from qualified sources to supply and install custom Bally Walk-In cooler and freezer units with shelving for multiple school locations throughout the district.

<u>Acquire Services & Supplies/Equipment:</u> The purpose of this solicitation is to acquire services and supplies or equipment complying with the enclosed description and/or specifications and conditions.

## **II. INSTRUCTIONS TO OFFERORS – A. GENERAL INSTRUCTIONS**

## DEFINITIONS, CAPITALIZATION, AND HEADINGS:

Clause headings used in this solicitation are for convenience only and shall not be used to construe meaning or intent. Even if not capitalized, the following definitions are applicable to all parts of the solicitation, unless expressly provided otherwise.

- 1. Amendment means a document issued to supplement the original solicitation document.
- 2. Board means the Lancaster County School District Board of Trustees.
- 3. **Business** means any corporation, partnership, individual, sole proprietorship, joint stock company, joint venture, or any other legal entity.
- 4. **Change Order** means any written alteration in specifications, delivery point, rate of delivery, period of performance, price, quantity, or other provisions of any contract accomplished by mutual agreement of the parties to the contract.
- 5. Contract See clause entitled "Contract Documents & Order of Precedence."
- 6. **Contract Modification** means a written order signed by the procurement officer, directing the contractor to make changes which the clause of the contract titled "Changes", if included herein, authorizes the Procurement Officer to order without the consent of the contractor.
- 7. Contractor means the offeror receiving an award as a result of this solicitation.
- 8. **Cover Page** means the top page of the original solicitation on which the solicitation is identified by number. Offerors are cautioned that amendments may modify information provided on the cover page.
- 9. **District** means Lancaster County School District (LCSD)
- 10. Offer means the bid or proposal submitted in response to this solicitation. The terms "Bid" and "Proposal" are used interchangeably with the term "Offer."
- 11. Offeror means the single legal entity submitting the offer. The term "Bidder" is used interchangeably with the term "Offeror." See bidding provisions entitled "Signing Your Offer" and "Bid/Proposal As Offer To Contract."
- 12. Page Two means the second page of the original solicitation, which is labeled Page Two.

- 13. **Procurement Officer** means the person, or his successor, identified as such on either the cover page, an amendment, or an award notice. Procurement Officer means the Chief Procurement Officer.
- 14. Solicitation means this document, including all its parts, attachments, and any amendments.
- 15. **Subcontractor** means any person you contract with to perform or provide any part of the work.
- 16. Us (or) We means the Lancaster County School District
- 17. Work means all labor, materials, equipment, services, or property of any type, provided or to be provided by the contractor to fulfill the contractor's obligations under the contract.
- 18. You and Your means Offeror.

<u>Amendments to Solicitation:</u> (a) The solicitation may be amended at any time prior to opening. All actual and prospective offerors should monitor the following web site for the issuance of amendments: <u>https://sites.google.com/lcsd.k12.sc.us/lcsd-procurement/solicitations-awards</u>. (b) Offerors shall acknowledge receipt of any amendment to this solicitation (1) by signing and returning the amendment, (2) by identifying the amendment number and date in the space provided for this purpose on page two, (3) by letter, or (4) by submitting a bid that indicates in some way that the bidder received the amendment. (c) If this solicitation is amended, then all terms and conditions which are not modified remain unchanged.

Because this solicitation is posted electronically, the District may not be aware of all potential offerors, particularly those that attained a copy from this web site or other unknown sources. It is the bidder's responsibility to check this web site periodically to determine if any amendments have been issued. Any amendments issued by the District shall become a formal part of this solicitation.

<u>Authorized Agent:</u> All authority regarding this procurement is vested solely with the responsible Procurement Officer. Unless specifically delegated in writing, the Procurement Officer is the only district official authorized to bind the district with regard to this procurement or the resulting contract.

<u>Award Notification</u>: Notice regarding any award, cancellation of award, or extension of award will be posted at the location and on the date specified on the cover page or, if applicable, any notice of extension of award. The date and location of posting will be announced at opening. Should the contract resulting from this solicitation have a potential value of one hundred thousand dollars or more, such notice will be sent to all offerors responding to the solicitation and any award will not be effective until the eleventh day after such notice is given.

**<u>Bid/Proposal as Offer to Contract:</u>** By submitting your bid or proposal, you are offering to enter into a contract with the district. Without further action by either party, a binding contract shall result upon final award. Any award issued will be issued to, and the contract will be formed with, the entity identified as the offeror on the cover page. An offer may be submitted by only one legal entity; "joint bids" are not allowed.

<u>Bid Acceptance Period</u>: In order to withdraw your offer after the minimum period specified on the cover page, you must notify the Procurement Officer in writing.

<u>Bid in English & Dollars</u>: Offers submitted in response to this solicitation shall be in the English language and in US dollars, unless otherwise permitted by the solicitation.

**Board as Procurement Agent**: The Procurement Officer is an employee of the district acting on behalf of the Lancaster County School District pursuant to the Lancaster County School District Procurement Code. Any contracts awarded as a result of this procurement are between the contractor and the district. The Board is not a party to such contracts, unless and to the extent that the Board is a using district department, and bears no liability for any party's losses arising out of or relating in any way to the contract.

## Certificate of Independent Price Determination:

GIVING FALSE, MISLEADING, OR INCOMPLETE INFORMATION ON THIS CERTIFICATION MAY RENDER YOU SUBJECT TO PROSECUTION UNDER SECTION 16-9-10 OF THE SOUTH CAROLINA CODE OF LAWS AND OTHER APPLICABLE LAWS.

(a) By submitting an offer, the offeror certifies that-

(1) The prices in this offer have been arrived at independently, without, for the purpose of restricting competition, any consultation, communication, or agreement with any other offeror or competitor relating to—

(i) Those prices;

(ii) The intention to submit an offer; or

(iii) The methods or factors used to calculate the prices offered.

(2) The prices in this offer have not been and will not be knowingly disclosed by the offeror, directly or indirectly, to any other offeror or competitor before bid opening (in the case of a sealed bid solicitation) or contract award (in the case of a negotiated solicitation) unless otherwise required by law; and

(3) No attempt has been made or will be made by the offeror to induce any other concern to submit or not to submit an offer for the purpose of restricting competition.

(b) Each signature on the offer is considered to be a certification by the signatory that the signatory—

(1) Is the person in the offeror's organization responsible for determining the prices being offered in this bid or proposal, and that the signatory has not participated and will not participate in any action contrary to paragraphs (a)(1) through (a)(3) of this certification; or

(2)(i) Has been authorized, in writing, to act as agent for the offeror's principals in certifying that those principals have not participated, and will not participate in any action contrary to paragraphs (a)(1) through (a)(3) of this certification [As used in this subdivision (b)(2)(i), the term "principals" means the person(s) in the offeror's organization responsible for determining the prices offered in this bid or proposal];

(ii) As an authorized agent, does certify that the principals referenced in subdivision (b)(2)(i) of this certification have not participated, and will not participate, in any action contrary to paragraphs (a)(1) through (a)(3) of this certification; and

(iii) As an agent, has not personally participated, and will not participate, in any action contrary to paragraphs (a)(1) through (a)(3) of this certification.

(c) If the offeror deletes or modifies paragraph (a)(2) of this certification, the offeror must furnish with its offer a signed statement setting forth in detail the circumstances of the disclosure.

### Certification Regarding Debarment and Other Responsibility Matters:

(a)(1) By submitting an offer, offeror certifies, to the best of its knowledge and belief, that-

(i) Offeror and/or any of its Principals-

(A) Are not presently debarred, suspended, proposed for debarment, or declared ineligible for the award of contracts by any state or federal agency;

(B) Have not, within a three-year period preceding this offer, been convicted of or had a civil judgment rendered against them for: commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (federal, state, or local) contract or subcontract; violation of federal or state antitrust statutes relating to the submission of offers; or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, tax evasion, or receiving stolen property; and

(C) Are not presently indicted for, or otherwise criminally or civilly charged by a governmental entity with, commission of any of the offenses enumerated in paragraph (a)(1)(i)(B) of this provision.

(ii) Offeror has not, within a three-year period preceding this offer, had one or more contracts terminated for default by any public (federal, state, or local) entity.

(2) "Principals," for the purposes of this certification, means officers; directors; owners; partners; and, persons having primary management or supervisory responsibilities within a business entity (e.g., general manager; plant manager; head of a subsidiary, division, or business segment, and similar positions).

(b) Offeror shall provide immediate written notice to the Procurement Officer if, at any time prior to contract award, offeror learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.

(c) If offeror is unable to certify the representations stated in paragraphs (a)(1), Offeror must submit a written explanation regarding its inability to make the certification. The certification will be considered in connection with a review of the offeror's

responsibility. Failure of the offeror to furnish additional information as requested by the Procurement Officer may render the offeror non-responsible.

(d) Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render, in good faith, the certification required by paragraph (a) of this provision. The knowledge and information of an offeror is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

(e) The certification in paragraph (a) of this provision is a material representation of fact upon which reliance was placed when making award. If it is later determined that the offeror knowingly or in bad faith rendered an erroneous certification, in addition to other remedies available to the district, the Procurement Officer may terminate the contract resulting from this solicitation for default.

<u>Code of Laws Available</u>: The South Carolina Code of Laws, including the Consolidated Procurement Code, is available at <u>http://www.scstatehouse.gov/code/statmast.php</u>. The South Carolina Regulations are available at: <u>http://www.scstatehouse.gov/coderegs/statmast.php</u>.

<u>Deadline for Submission of Offer</u>: Any offer received after the Procurement Officer of the district or his designee has declared that the time set for opening has arrived, shall be rejected unless the offer has been delivered to the designated purchasing office prior to the bid opening.

Disclosure of Conflicts of Interest or Unfair Competitive Advantage: You warrant and represent that your offer identifies and explains any unfair competitive advantage you may have in competing for the proposed contract and any actual or potential conflicts of interest that may arise from your participation in this competition or your receipt of an award. The two underlying principles are (a) preventing the existence of conflicting roles that might bias a contractor's judgment, and (b) preventing an unfair competitive advantage. If you have an unfair competitive advantage or a conflict of interest, the district may withhold award. Before withholding award on these grounds, an offeror will be notified of the concerns and provided a reasonable opportunity to respond. Efforts to avoid or mitigate such concerns, including restrictions on future activities, may be considered. Without limiting the foregoing, you represent that your offer identifies any services that relate to either this solicitation or the work and that has already been performed by you, a proposed subcontractor, or an affiliated business of either.

## Disclosure Of Your Bid / Proposal & Submitting Confidential Data:

(a) According to Section 11-35-410, any person submitting a document in response or with regard to any solicitation or other request must "comply with instructions provided in the solicitation for marking information exempt from public disclosure. Information not marked as required by the applicable instructions may be disclosed to the public." IF YOU IDENTIFY YOUR ENTIRE RESPONSE AS EXEMPT FROM PUBLIC DISCLOSURE, OR IF YOU DO NOT SUBMIT A REDACTED COPY AS REQUIRED, THE DISTRICT MAY, IN ITS SOLE DISCRETION, DETERMINE YOUR BID OR PROPOSAL NONRESPONSIVE AND INELIGIBLE FOR AWARD.

(b) By submitting a response to this solicitation or request, Offeror agrees to the public disclosure of every page, or portion thereof, of every document regarding this solicitation or request that was submitted at any time prior to entering into a contract (including, but not limited to, documents contained in a response, documents submitted to clarify a response, and documents submitted during negotiations), unless the page, or portion thereof, was redacted and conspicuously marked "Trade Secret" or "Confidential" or "Protected", (2) agrees that any information not redacted and marked, as required by these bidding instructions, as a "Trade Secret" is not a trade secret as defined by the Trade Secrets Act, and (3) agrees that, notwithstanding any claims or markings otherwise, any prices, commissions, discounts, or other financial figures used to determine the award, as well as the final contract amount, are subject to public disclosure.

(c) If your offer includes any information that you claim is exempt from public disclosure, you must submit one complete copy of your offer from which you have removed or concealed such information (the redacted copy). Except for the information removed or concealed, the redacted copy must be identical to your original offer.

(d) Do not mark your entire response (bid, proposal, quote, etc.) as confidential, trade secret, or protected. If only portions of a page are subject to some protection, do not redact the entire page. The redacted copy must reflect the same pagination as the original and show the empty space from which information was redacted. The Procurement Officer must be able to

view, search, copy and print the redacted copy without a password. If your response, or any part thereof, is improperly marked as confidential or trade secret or protected, the District may, in its sole discretion, determine it nonresponsive. (e) On the redacted copy, you must identify the basis of your claim by marking each redaction as follows: You must separately mark with the word "CONFIDENTIAL" every page, or portion thereof, that you redacted and claim as exempt from public disclosure because it is either (1) a trade secret as defined in Section 30-4-40(a)(1) of the Freedom of Information Act, or (2) privileged and confidential, as that phrase is used in Section 11-35-410. You must separately mark with the words "TRADE SECRET" every page, or portion thereof, that you redacted and claim as exempt from public disclosure as a trade secret pursuant to Section 39-8-20 of the Trade Secrets Act. You must separately mark with the word "PROTECTED" every page, or portion thereof, that you redacted and claim as exempt from public disclosure pursuant to Section 11-35- 1810. All markings must be conspicuous; use color, bold, underlining, or some other method in order to conspicuously distinguish the mark from the other text.

(f) In determining whether to release documents, the District will detrimentally rely on your redaction and marking of documents, as required by these bidding instructions, as being either "Confidential" or "Trade Secret" or "Protected". By submitting a response, you agree to defend, indemnify and hold harmless the Lancaster County School District, its agencies, officers and employees, from every claim, demand, loss, expense, cost, damage or injury, including attorney's fees, arising out of or resulting from withholding information by the Lancaster County School District or any of its agencies, that you have redacted or marked as "Confidential" or "Trade Secret" or "Protected". (All references to S.C. Code of Laws.)

District Office Closings: If an emergency or unanticipated event interrupts normal district processes so that offers cannot be received at the district office designated for receipt of bids by the exact time specified in the solicitation, the time specified for receipt of offers will be deemed to be extended to the same time of day specified in the solicitation on the first work day on which normal district processes resume. In lieu of an automatic extension, an amendment may be issued to reschedule bid opening. If district offices are closed at the time a pre-bid or pre-proposal conference is scheduled, an amendment will be issued to reschedule the conference.

**Drug Free Work Place Certification:** By submitting an offer, contractor certifies that, if awarded a contract, contractor will comply with all applicable provisions of The Drug-free Workplace Act, Title 44, Chapter 107 of the South Carolina Code of Laws, as amended.

<u>Duty to Inquire</u>: Offeror, by submitting an offer, represents that it has read and understands the solicitation and that its offer is made in compliance with the solicitation. Offerors are expected to examine the solicitation thoroughly and should request an explanation of any ambiguities, discrepancies, errors, omissions, or conflicting statements in the solicitation. Failure to do so will be at the offeror's risk. All ambiguities, discrepancies, errors, omissions, or conflicting statements in the Solicitation shall be interpreted to require the better quality or greater quantity of work and/or materials, unless otherwise directed by amendment. Offeror assumes responsibility for any patent ambiguity in the solicitation that offeror does not bring to the District's attention. See clause entitled "Questions from Offerors".

**Ethics Certificate:** By submitting an offer, the offeror certifies that the offeror has and will comply with, and has not, and will not, induce a person to violate Title 8, Chapter 13 of the South Carolina Code of Laws, as amended (ethics act). The following statutes require special attention: Section 8-13-700, regarding use of official position for financial gain; Section 8-13-705, regarding gifts to influence action of public official; Section 8-13-720, regarding offering money for advice or assistance of public official; Sections 8-13-755 and 8-13-760, regarding restrictions on employment by former public official; Section 8-13-755, prohibiting public official with economic interests from acting on contracts; Section 8-13-790, regarding recovery of kickbacks; Section 8-13-1150, regarding statements to be filed by consultants; and Section 8-13-1342, regarding restrictions on contributions by contractor to candidate who participated in awarding of contract. The district may rescind any contract and recover all amounts expended as a result of any action taken in violation of this provision. If contractor participates, directly or indirectly, in the evaluation or award of public contracts, including without limitation, change orders or task orders regarding a public contract, contractor shall, if required by law to file such a statement, provide the statement required by Section 8-13-1150 to the procurement officer at the same time the law requires the statement to be filed.

<u>Omit Taxes from Price</u>: Do not include any sales or use taxes in your price that the District bay be required to pay.

<u>Open Trade Representation</u>: By submitting an Offer, Offeror represents that Offeror is not currently engaged in the boycott of a person or an entity based in or doing business with a jurisdiction with whom South Carolina can enjoy open trade, as defined in SC Code Section 11-35-5300.

<u>Prohibited Communications and Donations:</u> Violation of these restrictions may result in disqualification of your offer, suspension or debarment, and may constitute a violation of law.

- (a) During the period between publication of the solicitation and final award, you must not communicate, directly or indirectly, with the District or its employees, agents, or officials regarding any aspect of this procurement activity, unless otherwise approved in writing by the Procurement Officer. All communications must be solely with the Procurement Officer.
- (b) You are advised to familiarize yourself with Regulation 19-445.2165, which restricts donations to a governmental entity with whom you have or seek to have a contract. You represent that your offer discloses any gifts made, directly or through an intermediary, by you or your named subcontractors to or for the benefit of the District during the period beginning eighteen months prior to the Opening Date.

**Protests:** If you are aggrieved in connection with the solicitation or award of the contract, you may be entitled to protest, but only as provided in Section 11-35-4210. To protest a solicitation, you must submit a protest within fifteen days of the date the applicable solicitation document is issued. To protest an award, you must (i) submit notice of your intent to protest within seven business days of the date the award notice is posted, and (ii) submit your actual protest within fifteen days of the date the award notice is posted in Section 11-35-310(13). Both protests and notices of intent to protest must be in writing and must be received by the appropriate Chief Procurement Officer within the time provided. See clause entitled "Protest- Procurement Department Address". The grounds of the protest and the relief requested must be set forth with enough particularity to give notice of the issues to be decided.

<u>Public Opening</u>: Offers will be publicly opened at the date/time and at the location identified on the cover page, or last amendment, whichever is applicable.

## **Questions From Offerors:**

(a) Any prospective offeror desiring an explanation or interpretation of the solicitation, drawings, specifications, etc., must request it in writing. Questions regarding the original solicitation or any amendment must be received by the Procurement Officer no later than fifteen (15) days prior to opening unless an earlier date is stated on the Cover Page. Label any communication regarding your questions with the name of the procurement officer, and the solicitation's title and number. Oral explanations or instructions will not be binding. [See R. 19-445.2042(B)] Any information given a prospective offeror concerning a solicitation will be furnished promptly to all other prospective offerors as an Amendment to the solicitation, if that information is necessary for submitting offers or if the lack of it would be prejudicial to other prospective offerors. See clause entitled "Duty to Inquire." We will not identify you in our answer to your question. (b) The District seeks to permit maximum practicable competition. Offerors are urged to advise the Procurement Officer -- as soon as possible -- regarding any aspect of this procurement, including any aspect of the Solicitation that unnecessarily or inappropriately limits full and open competition.

<u>Rejection/Cancellation</u>: The district may cancel this solicitation in whole or in part. The district may reject any or all bids in whole or in part (Article 5-1710 of the Lancaster County School District's procurement code).

## Responsiveness/ Improper Offers:

- (a) Bid as Specified. Offers for supplies or services other than those specified will not be considered unless authorized by the Solicitation.
- (b) Multiple Offers. Offerors may submit more than one Offer, provided that each Offer has significant differences other than price. Each separate Offer must satisfy all Solicitation requirements. If this solicitation is an Invitation for Bids, each separate offer must be submitted as a separate document. If this solicitation is a Request for Proposals, multiple

offers may be submitted as one document, provided that you clearly differentiate between each offer and you submit a separate cost proposal for each offer, if applicable

- (c) Responsiveness. Any Offer which fails to conform to the material requirements of the Solicitation may be rejected as nonresponsive. Offers which impose conditions that modify material requirements of the Solicitation may be rejected. If a fixed price is required, an Offer will be rejected if the total possible cost to the District cannot be determined. Offerors will not be given an opportunity to correct any material nonconformity. Any deficiency resulting from a minor informality may be cured or waived at the sole discretion of the Procurement Officer. [R.19-445.2070 and Section 11-35-1520(13)]
- (d) Price Reasonableness: Any offer may be rejected if the Procurement Officer determines in writing that it is unreasonable as to price. [R. 19-445.2070].
- (e) Unbalanced Bidding. The District may reject an Offer as nonresponsive if the prices bid are materially unbalanced between line items or subline items. A bid is materially unbalanced when it is based on prices significantly less than cost for some work and prices which are significantly overstated in relation to cost for other work, and if there is a reasonable doubt that the bid will result in the lowest overall cost to the District even though it may be the low evaluated bid, or if it is so unbalanced as to be tantamount to allowing an advance payment.
- (f) Do not submit bid samples or descriptive literature unless expressly requested. Unsolicited bid samples or descriptive literature will not be examined or tested, will not be used to determine responsiveness, and will not be deemed to vary any of the provisions of the solicitation. S.C. Code Ann. Reg. 19-445.2077(D).

**Signing Your Offer:** Every offer must be signed by an individual with actual authority to bind the offeror. (a) If the offeror is an individual, the offer must be signed by that individual. If the offeror is an individual doing business as a firm, the offer must be submitted in the firm name, signed by the individual, and state that the individual is doing business as a firm. (b) If the offeror is a partnership, the offer must be submitted in the partnership name, followed by the words "by its Partner," and signed by a general partner. (c) If the offeror is a corporation, the offer must be submitted in the corporate name, followed by the signature and title of the person authorized to sign. (d) An offer may be submitted by a joint venturer involving any combination of individuals, partnerships, or corporations. If the offeror is a joint venture, the offer must be submitted in the name of the joint venture and signed by every participant in the joint venture in the manner prescribed in paragraphs (a) through (c) above for each type of participant. (e) If an offer is signed by an agent, other than as stated in subparagraphs (a) through (d) above, the offer must state that it has been signed by an agent. Upon request, offeror must provide proof of the agent's authorization to bind the principal.

<u>Submitting Your Offer or Modification:</u> (a) All prices and notations should be printed in ink or typewritten. Errors should be crossed out, corrections entered and initialed by the person signing the bid. Do not modify the solicitation document itself (including bid schedule). (b) (1) All copies of the offer or modification, and any other documents required to be submitted with the offer shall be enclosed in a sealed, opaque envelope or package. (2) Submit your offer or modification to the address on the Cover Page. (3) The envelope or package must show the time and date specified for opening, the solicitation number, and the name and address of the bidder. If the offer or modification is sent by mail or special delivery service (UPS, Federal Express, etc.), the outermost envelope or wrapper must be labeled "OFFER ENCLOSED" on the face thereof. (c) If you are responding to more than one solicitation, submit each offer in a separate envelope or package. (d) Submit the number of copies indicated on the Cover Page. (e) Facsimile or e-mail offers, modifications, or withdrawals, will not be considered unless authorized by the Solicitation.

Tax Credit For Subcontracting With Disadvantaged Small Businesses: Pursuant to Section 12-6-3350, a taxpayer having a contract with this District who subcontracts with a socially and economically disadvantaged small business is eligible for an income tax credit equal to four percent of the payments to that subcontractor for work pursuant to the contract. The subcontractor must be certified as a socially and economically disadvantaged small business as defined in Section 11-35-5010 and regulations pursuant to it. The credit is limited to a maximum of fifty thousand dollars annually. A taxpayer is eligible to claim the credit for ten consecutive taxable years beginning with the taxable year in which the first payment is made to the subcontractor that qualifies for the credit. After the above ten consecutive taxable years, the taxpayer is no longer eligible for the credit. A taxpayer claiming the credit shall maintain evidence of work performed for the contract by the subcontractor. The

credit may be claimed on Form TC-2, "Minority Business Credit." A copy of the subcontractor's certificate from the Governor's Office of Small and Minority Business (OSMBA) is to be attached to the contractor's income tax return.

Questions regarding the tax credit and how to file are to be referred to: SC Department of Revenue, Research and Review, Phone: (803) 898-5786, Fax: (803) 898-5888. Questions regarding subcontractor certification are to be referred to: Governor's Office of Small and Minority Business Assistance, Phone: (803) 734-0657, Fax: (803) 734-2498.

<u>Withdrawal or Correction of Offer</u>: Offers may be withdrawn by written notice received at any time before the exact time set for opening. If the solicitation authorizes facsimile offers, offers may be withdrawn via facsimile received at any time before the exact time set for opening. A bid may be withdrawn in person by a bidder or its authorized representative if, before the exact time set for opening, the identity of the person requesting withdrawal is established and the person signs a receipt for the bid. The withdrawal and correction of offers is governed by Article 5-1520 of the Lancaster County School District's procurement code.

## II. INSTRUCTIONS TO OFFERORS – B. SPECIAL INSTRUCTIONS

<u>Descriptive Literature - Labeling:</u> Include offeror's name on the cover of any specifications or descriptive literature submitted with your offer.

<u>Preferences - A Notice to Vendors:</u> On June 16, 2009, the South Carolina General Assembly rewrote the law governing preferences available to in-state vendors, vendors using in-state subcontractors, and vendors selling in-state or US end products. This law appears in Section 11-35-1524 of the South Carolina Code of Laws. A summary of the new preferences is available at <u>www.procurement.sc.gov/preferences</u>. *ALL THE PREFERENCES MUST BE CLAIMED AND ARE APPLIED BY LINE ITEM, REGARDLESS OF WHETHER AWARD IS MADE BY ITEM OR LOT.* VENDORS ARE CAUTIONED TO CAREFULLY REVIEW THE STATUTE BEFORE CLAIMING ANY PREFERENCES. THE REQUIREMENTS TO QUALIFY HAVE CHANGED. IF YOU REQUEST A PREFERENCE, YOU ARE CERTIFYING THAT YOUR OFFER QUALIFIES FOR THE PREFERENCE YOU'VE CLAIMED. IMPROPERLY REQUESTING A PREFERENCE CAN HAVE SERIOUS CONSEQUENCES.

<u>Preferences - SC/US End-Product</u>: Section 11-35-1524 provides a preference to vendors offering South Carolina endproducts or US end-products, if those products are made, manufactured, or grown in SC or the US, respectively. An endproduct is the tangible project identified for acquisition in this solicitation, including all component parts in final form and ready for the use intended. The terms "made," "manufactured," and "grown" are defined by Section 11-35-1524(A). By signing your offer and checking the appropriate space(s) provided and identified on the bid schedule, you certify that the end-product(s) is either made, manufactured or grown in South Carolina, or other states of the United States, as applicable. Preference will be applied as required by law. Post award substitutions are prohibited. See "Substitutions Prohibited - End Product Preferences (Sep 2009)" provision.

<u>Preferences - Resident Contractor Preference:</u> To qualify for the RCP, you must maintain an office in this state. An office is a nonmobile place for the regular transaction of business or performance of a particular service which has been operated as such by the bidder for at least one year before the bid opening and during that year the place has been staffed for at least fifty weeks by at least two employees for at least thirty five hours a week each. In addition, you must, at the time you submit your bid, directly employ, or have a documented commitment with, individuals domiciled in South Carolina that will perform services expressly required by the solicitation and your total direct labor cost for those individuals to provide those services must exceed fifty percent of your total bid price. [11-35-1524(C)(1)(iii)] Upon request by the procurement officer, you must identify the persons domiciled in South Carolina that will perform the services involved in the procurement upon which you rely in qualifying for the preference, the services those individuals are to perform, and documentation of the your labor cost for each person identified. If requested, your failure to provide this information promptly will be grounds to deny the preference (and, potentially, for other enforcement action).

Preferences - Resident Subcontractor Preference: To qualify for this preference, you must meet the following requirements. (1) You must -- at the time you submit your bid -- have a documented commitment from a single proposed first tier subcontractor to perform some portion of the services expressly required by the solicitation. (2) The subcontractor -- at the time you submit your bid -- must directly employ, or have a documented commitment with, individuals domiciled in South Carolina that will perform services expressly required by the solicitation and the total direct labor cost to the subcontractor for those individuals to provide those services exceeds, as applicable, either twenty percent for a 2% preference or forty percent of bidder's total bid price for a 4% preference. (3) You must identify the subcontractor that will perform the work, the work the subcontractor is to perform, and your factual basis for concluding that the subcontractor's work constitutes the required percentage of the work to be performed in the procurement. [11-35-1524(D)] You can stack this preference, i.e., earn another 2% or 4% preference for each additional gualifying subcontractor, but the preference is capped. [11-35-1524(D)(4), (E)(7)] Upon request by the procurement officer, you must identify the persons domiciled in South Carolina that are to perform the services involved in the procurement upon which you rely in gualifying for the preference, the services those individuals are to perform, the employer of those persons, your relationship with the employer, and documentation of the subcontractor's labor cost for each person identified. If requested, your failure to provide this information promptly will be grounds to deny the preference (and, potentially, for other enforcement action). YOU WILL NOT RECEIVE THE PREFERENCE UNLESS YOU SPECIFY WHETHER YOUR ARE CLAIMING THE 2% OR 4% PREFERENCE AND YOU PROVIDE THE INFORMATION **REQUIRED BY ITEM (3) ABOVE** 

<u>Preferences - Resident Vendor Preference:</u> To qualify for the RVP, you must maintain an office in this state. An office is a non-mobile place for the regular transaction of business or performance of a particular service which has been operated as such by the bidder for at least one year before the bid opening and during that year the place has been staffed for at least fifty weeks by at least two employees for at least thirty five hours a week each. In addition, you must either: (1) maintain at a location in South Carolina at the time of the bid an inventory of expendable items which are representative of the general type of commodities for which the award will be made and which have a minimum total value, based on the bid price, equal to the lesser of fifty thousand dollars [\$50,000] or the annual amount of the contract; or (2) be a manufacturer headquartered and having an annual payroll of at least one million dollars in South Carolina and the end product being sold is either made or processed from raw materials into a finished end product by that manufacturer or its affiliate (as defined in Section 1563 of the Internal Revenue Code).

<u>Protest – Procurement Department Address</u>: Any protest must be addressed to the Chief Procurement Officer, Lancaster County School District, and submitted in writing (a) by email to <u>trevor.hammond@lcsd.k12.sc.us</u>, (b) by facsimile at 803-283-0563, or (c) by post or delivery to 300 South Catawba Street, Lancaster, SC 29720.

<u>Site Visit - By Appointment:</u> Appointment for a site visit may be made by contacting Angela McCrorey by email at <u>Angela.McCrorey@lcsd.k12.sc.us</u>.

<u>Unit Prices Required:</u> Unit price to be shown for each item.

## III. SCOPE OF WORK / SPECIFICATIONS

<u>Objective</u>: The Lancaster County School District is seeking competitive sealed bids from qualified sources to furnish, deliver and install custom Bally Walk-In Cooler and Freezer units with shelving for multiple school locations per the enclosed drawings, specifications, and all other requirements of this solicitation. Bally is the only approved brand for the walk-in coolers and freezers. Metro is the only approved brand for the shelving. No alternates will be accepted. Contractor shall be required to install all components with all accessories and options. A site visit is recommended. Appointment for a site visit may be made by contacting Angela McCrorey by email at <u>Angela.McCrorey@lcsd.k12.sc.us</u>.

The Lancaster County School District shall assume no liability or responsibility for work until after delivery is complete in all respects and accepted by the district. The contractor shall be completely responsible for all terms and conditions in this contract until the above conditions are met.

## **Minimum Specifications:**

## Buford Middle School:

- 1. <u>Bally Outdoor 2 Compartment Walk-In Cooler/Freezer Unit</u> Quantity 1
  - See Attachments A-1 for specifications & A-2 for drawings
  - Bidder should include the optional warranties as listed in Attachment A-1 for Bally Cooler/ Freezer in unit pricing

## Metro Shelving Units

## Cooler:

- a) Model PR2442NK3, 42" W x 24" D, Quantity: 4
- b) Model PR2448NK3, Super Erecta Pro™ Shelf, 48" W x 24" D, Quantity: 4
- c) Model PR2454NK3, Super Erecta Pro<sup>™</sup> Shelf, 54"W x 24"D, Quantity: 4
- d) Model 74PK3 Super Erecta<sup>®</sup> SiteSelect<sup>™</sup> Post, 74-1/2"H, Quantity: 12
- e) Model HP2236PD Metro Bow-Tie<sup>™</sup> Dunnage Rack, 22" x 36" x 12"H, Quantity: 1

## Freezer:

- a) Model PR2460NK3, 60" W x 24" D, Quantity: 16
- b) Model PR2454NK3 Super Erecta Pro™ Shelf, 54"W x 24"D, Quantity: 8
- c) Model 74PK3 Super Erecta® SiteSelect<sup>™</sup> Post, 74-1/2"H, Quantity: 24
- d) Model HP2236PD Metro Bow-Tie<sup>™</sup> Dunnage Rack, 22" x 36" x 12" H, Quantity: 1
- > See Attachments A-3 for shelving specifications & A-4 for layouts

## **Clinton Elementary School:**

- 2. <u>Bally Indoor Single Compartment Walk-In Freezer Unit</u> Quantity 1:
  - See Attachments B-1 for specifications & B-2 for drawings
  - > Bidder should include the optional warranties as listed in Attachment B-1 for Bally Freezer in unit pricing

## Metro Shelving Units

### Freezer:

- a) Metro Model PR1842NK3, Super Erecta Pro<sup>™</sup> Shelf, 42"W x 18"D, Quantity: 16
- b) Model 74PK3 Super Erecta<sup>®</sup> SiteSelect<sup>™</sup> Post, 74-1/2"H, Quantity: 16
- c) HP2236PD Metro Bow-Tie<sup>™</sup> Dunnage Rack, 22" x 36" x 12"H, Quantity: 1
- > See Attachments B-3 for shelving specifications & B-4 for layouts

## **Erwin Elementary School:**

- 3. <u>Bally Outdoor 2 Compartment Walk-In Cooler/Freezer Unit</u> Quantity 1
  - > See Attachments C-1 for specifications & C-2 for drawings
  - Bidder should include the optional warranties and optional accessory "Locking Bar with Tamperproof Screws" as listed in Attachment C-1 for Bally Cooler/ Freezer in unit pricing

## Metro Shelving Units

Cooler:

- a) Metro Model PR2442NK3, 42"W x 24" D, Quantity: 24
- b) Model 74PK3 Super Erecta<sup>®</sup> SiteSelect<sup>™</sup> Post, 74-1/2"H, Quantity: 24
- c) Model HP2248PD Metro Bow-Tie™ Dunnage Rack, 22" x 48" x 12"H, Quantity: 1

## Freezer:

- a) Model PR2442NK3 Super Erecta Pro<sup>™</sup> Shelf, 42"W x 24"D, 42"W x 24" D, Quantity: 16
- b) Model PR2460NK3 Super Erecta Pro™ Shelf, 60"W x 24"D, Quantity: 12
- c) Model PR2454NK3 Super Erecta Pro<sup>™</sup> Shelf, 54"W x 24"D, Quantity: 4
- d) Model 74PK3 Super Erecta® SiteSelect™ Post, 74-1/2"H, Quantity: 32
- e) Model HP2260PD Metro Bow-Tie™ Dunnage Rack, 22" x 60" x 12"H, Quantity: 1
- > See Attachments C-3 for shelving specifications & C-4 for layouts

## McDonald Green Elementary School:

- 4. Bally Indoor 2 Compartment Walk-In Cooler/Freezer Unit Quantity 1
  - See Attachment D-1 for specifications & D-2 for drawings
  - Bidder should include the optional warranties as listed in Attachment D-1 for Bally Cooler/ Freezer in unit pricing

## Metro Shelving Units

### Cooler:

- a) Metro Model PR2460NK3 Super Erecta Pro<sup>™</sup> Shelf, 60"W x 24"D, Quantity: 8
- b) Model PR2448NK3 Super Erecta Pro™ Shelf, 48"W x 24"D, Quantity: 8
- c) Model 74PK3 Super Erecta<sup>®</sup> SiteSelect<sup>™</sup> Post, 74-1/2"H, Quantity: 16
- d) Model HP2236PD Metro Bow-Tie<sup>™</sup> Dunnage Rack, 22" x 36" x 12"H, Quantity: 1

### Freezer:

- a) Metro Model PR2460NK3 Super Erecta Pro<sup>™</sup> Shelf, 60"W x 24"D, Quantity: 8
- b) Model PR2448NK3 Super Erecta Pro™ Shelf, 48"W x 24"D, Quantity: 8
- c) Model 74PK3 Super Erecta<sup>®</sup> SiteSelect<sup>™</sup> Post, 74-1/2"H, Quantity: 16
- d) Model HP2236PD Metro Bow-Tie<sup>™</sup> Dunnage Rack, 22" x 36" x 12"H, Quantity: 1
- > See Attachments D-3 for shelving specifications & D-4 for layouts

## South Middle School:

- 5. <u>Bally Indoor 2 Compartment Walk-In Cooler/Freezer Unit</u> Quantity 1
  - See Attachments E-1 for specifications & E-2 for drawings
  - Bidder should include the optional warranties as listed in Attachment E-1 for Bally Cooler/ Freezer in unit pricing

## Metro Shelving Units

Cooler:

- a) Metro Model PR2448NK3 Super Erecta Pro<sup>™</sup> Shelf, 48"W x 24"D, Quantity: 4
- b) Model PR2460NK3 Super Erecta Pro<sup>™</sup> Shelf, 60"W x 24"D, Quantity: 8
- c) Model PR2442NK3 Super Erecta Pro<sup>™</sup> Shelf, 42"W x 24"D, Quantity: 12
- d) Model 74PK3 Super Erecta<sup>®</sup> SiteSelect<sup>™</sup> Post, 74-1/2"H, Quantity: 24
- e) Model HP2236PD Metro Bow-Tie™ Dunnage Rack, 22" x 36" x 12"H, Quantity: 1

### Freezer:

- a) Metro Model PR2448NK3 Super Erecta Pro<sup>™</sup> Shelf, 48"W x 24"D, Quantity: 4
- b) Model PR2460NK3 Super Erecta Pro<sup>™</sup> Shelf, 60"W x 24"D, Quantity: 8
- c) Model PR2442NK3 Super Erecta Pro<sup>™</sup> Shelf, 42"W x 24"D, Quantity: 12
- d) Model 74PK3 Super Erecta<sup>®</sup> SiteSelect<sup>™</sup> Post, 74-1/2"H, Quantity: 24
- e) Model HP2236PD Metro Bow-Tie<sup>™</sup> Dunnage Rack, 22" x 36" x 12"H, Quantity: 1
- > See Attachments E-3 for shelving specifications & E-4 for layouts

## 6. Bally Indoor Single Compartment Walk-In Cooler Unit – Quantity 1

- See Attachments E-5 for specifications & E-6 for drawings
- *Bidder should include the optional warranties as listed in Attachment E-5 for Bally Cooler/ Freezer in unit pricing*

## Metro Shelving Units

### Cooler:

- a) Metro Model PR1860NK3, Super Erecta Pro<sup>™</sup> Shelf, 60"W x 18"D, Quantity: 8
- b) Model PR1848NK3 Super Erecta Pro<sup>™</sup> Shelf, 48"W x 18"D, Quantity: 8
- c) Model 74PK3 Super Erecta® SiteSelect™ Post, 74-1/2"H, Quantity: 16
- d) Model HP2236PD Metro Bow-Tie<sup>™</sup> Dunnage Rack, 22" x 36" x 12"H, Quantity: 1
- > See Attachments E-7 for shelving specifications & E-8 for layouts

<u>Delivery/Performance Location – Purchase Order</u>: After award, all deliveries shall be made and all services provided to the location specified by the district's purchase order.

## **Delivery locations:**

- > Buford Middle School, 1890 N. Rocky River Road, Lancaster, SC 29720
- Clinton Elementary School, 110 Clinton School Road, Lancaster, SC 29720
- Erwin Elementary School, 1477 Locustwood Ave, Lancaster, SC 29720
- > McDonald Green Elementary, 2763 Lynwood Drive, Lancaster, SC 29720
- South Middle School, 1551 Billings Drive, Lancaster, SC 29720

## Contractor Requirements:

- 1. Cooler and Freezer units must be custom built and all components must be new. Remanufactured or refurbished items will **NOT** be accepted.
- 2. Contracted vendor must be an authorized reseller of Bally and Metro equipment.
- 3. Work and materials shall be in accordance with requirements of applicable codes, ordinances and regulations, including but not limited to those of Occupational Safety and Health Act (OSHA), National Fire Protection Association, State Fire Marshal, State Accident Commission, U.S. Public Health Service, State Board of Health, local health codes, etc. No extra charge will be paid for furnishing items required by regulations, even though such may not be shown on drawings or called for in these specifications.
- 4. Contractor must contact Food Services Director, Angela McCrorey at <u>Angela.McCrorey@lcsd.k12.sc.us</u> to schedule delivery and installation. The district anticipates purchase order(s) will be issued on or around 1/3/2023. All deliveries shall be made between the hours of 8:00 a.m. and 3:30 p.m., Monday through Friday, excluding holidays. The anticipated lead time for delivery should be stated in definite terms (on the bid schedule) and may be a factor in making an award.
- 5. All deliveries must be FOB Destination freight prepaid, Inside Delivery. No tailgate deliveries will be accepted. The term FOB Destination freight prepaid, Inside Delivery shall mean delivered, unloaded and brought inside to the district's designated receiving site with all charges for transportation and unloading paid by the contractor. These charges are to be included in the price of the product, not invoiced separately. Any claim for loss or damages shall be between the contractor and the carrier.
- 6. Contracted vendor must accompany delivery of the equipment to the job site and set in place at school.
- 7. Contractor must unpack equipment, remove and dispose of all trash offsite. District dumpsters are not to be used for this purpose.
- 8. Contractor shall be responsible for complete installation to include refrigeration, electrical hookup and start-up prior to departing the school facility.
- 9. Contractor, or broker, will be required to demonstrate all sections and parts of the cooler and freezer units.
- 10. Equipment must be delivered, installed, operational and demonstrated no later than July 31, 2023.

### **District Responsibilities:**

1. District will be responsible for disconnection, removal and disposal of existing cooler and freezer units prior to delivery of new units by Contractor.

## Start & Completion Dates:

- 1. The District anticipates a purchase order will be issued on or about January 3, 2023.
- 2. Work to be completed between May 30, 2023 July 31, 2023. Project may require work to be performed during weekends to meet the completion date. The District must approve any date(s) scheduled. A designee of the District shall coordinate the scheduling of all work with the contractor.

**Operational Manuals:** Unless otherwise specified, contractor shall provide one operational manual for each item acquired.

<u>**Ouality – New**</u>: All items and materials must be new. Refurbished or remanufactured items will NOT be accepted.

## **IV. INFORMATION FOR OFFERORS TO SUBMIT**

Information for Offerors to Submit – General: You shall submit a signed Cover Page and Page Two. If you submit your offer electronically, you must upload an image of a signed Cover Page and Page Two. Your offer should include all other information and documents requested in this part and in parts II.B. Special Instructions; III. Scope of Work; V. Qualifications; VIII. Bidding Schedule/Price Proposal; and any appropriate attachments addressed in Part IX. Attachments to Solicitations. You should submit a summary of all insurance policies you have or plan to acquire to comply with the insurance requirements stated herein, if any, including policy types; coverage types; limits, sub-limits, and deductibles for each policy and coverage type; the carrier's A.M. Best rating; and whether the policy is written on an occurrence or claims-made basis.

## V. QUALIFICATIONS

<u>Qualifications of Offeror:</u> (1) To be eligible for award, you must have the capability in all respects to perform fully the contract requirements and the integrity and reliability which will assure good faith performance. We may also consider a documented commitment from a satisfactory source that will provide you with a capability. We may consider information from any source at any time prior to award. We may elect to consider (i) key personnel, any predecessor business, and any key personnel of any predecessor business, including any facts arising prior to the date a business was established, and/or (ii) any subcontractor you identify. (2) You must promptly furnish satisfactory evidence of responsibility upon request. Unreasonable failure to supply requested information is grounds for rejection. (3) Corporate subsidiaries are cautioned that the financial capability of an affiliated or parent company will not be considered in determining financial capability; however, we may elect to consider any security, e.g. letter of credit, performance bond, parent-company corporate guaranty, that you offer to provide.

<u>Subcontractor – Identification:</u> If you intend to subcontract, at any tier level, with another business for any portion of the work and that portion either (1) exceeds 10% of your cost, (2) involves access to any "government information," as defined in the clause entitled "Information Security - Definitions," if included, or (3) otherwise involves services critical to your performance of the work (err on the side of inclusion), your offer must identify that business and the work which they are to perform. Identify potential subcontractors by providing the business name, address, phone, taxpayer identification number, and point of contact. In determining your responsibility, the district may contact and evaluate your proposed subcontractors.

## VI. AWARD CRITERIA

Award Criteria – Bids: Award will be made to the lowest responsible and responsive bidder(s).

Award By Lot: Award will be made by complete lot(s).

Award To Multiple Offerors: Award may be made to more than one Offeror.

<u>Unit Price Governs</u>: In determining award, unit prices will govern over extended prices unless otherwise stated.

## VII. TERMS AND CONDITIONS – A. GENERAL

## Assignment, Novation, And Change Of Name, Identity, Or Structure:

(a) Contractor shall not assign this contract, or its rights, obligations, or any other interest arising from this contract, or delegate any of its performance obligations, without the express written consent of the responsible procurement officer. The foregoing restriction does not apply to a transfer that occurs by operation of law (e.g., bankruptcy; corporate reorganizations and consolidations, but not including partial asset sales). Notwithstanding the foregoing, contractor may assign monies receivable under the contract provided that the district shall have no obligation to make payment to an assignee until thirty days after contractor (not the assignee) has provided the responsible procurement officer with (i) proof of the assignment, (ii) the identity (by contract number) of the specific district contract to which the assignment applies, and (iii) the name of the assignee and the exact address or account information to which assigned payments should be made. (b) If contractor amends, modifies, or otherwise changes its name, its identity (including its trade name), or its corporate, partnership or other structure, or its FEIN, contractor shall provide the procurement officer prompt written notice of such change. (c) Any name change, transfer, assignment, or novation is subject to the conditions and approval required by Regulation 19-445.2180, which does not restrict transfers by operation of law.

**Bankruptcy - General:** (a) Notice. In the event the Contractor enters into proceedings relating to bankruptcy, whether voluntary or involuntary, the Contractor agrees to furnish written notification of the bankruptcy to the District. This notification shall be furnished within two (2) days of the initiation of the proceedings relating to the bankruptcy filing. This notification shall include the date on which the bankruptcy petition was filed, the identity of the court in which the bankruptcy petition was filed, and a listing of all District contracts against which final payment has not been made. This obligation remains in effect until final payment under this Contract. (b) Termination. This contract is voidable and subject to immediate termination by the District upon the contractor's insolvency, including the filing of proceedings in bankruptcy.

<u>Choice-of-Law:</u> The agreement, any dispute, claim, or controversy relating to the agreement, and all the rights and obligations of the parties shall, in all respects, be interpreted, construed, enforced and governed by and under the laws of the State of South Carolina, except its choice of law rules. As used in this paragraph, the term "Agreement" means any transaction or agreement arising out of, relating to, or contemplated by the solicitation.

<u>Contract Documents & Order Of Precedence:</u> (a) Any contract resulting from this solicitation shall consist of the following documents: (1) a Record of Negotiations, if any, executed by you and the Procurement Officer, (2) the solicitation, as amended, (3) documentation of clarifications [11-35-1520(8)] or discussions [11-35-1530(6)] of an offer, if applicable, (4) your offer, (5) any statement reflecting the District's final acceptance (a/k/a "award"), and (6) purchase orders. These documents shall be read to be consistent and complementary. Any conflict among these documents shall be resolved by giving priority to these documents in the order listed above. (b) The terms and conditions of document, including without limitation, (i) a purchase order or other instrument submitted by the District, (ii) any invoice or other document submitted by Contractor, or (iii) any privacy policy, terms of use, or end user agreement. Except as otherwise allowed herein, the terms and conditions of all such documents shall be void and of no effect. (c) No contract, license, or other agreement containing contractual terms and conditions will be signed by the District. Any document signed or otherwise agreed to by persons other than the Procurement Officer shall be void and of no effect.

Discount for Prompt Payment: (a) Discounts for prompt payment will not be considered in the evaluation of offers. However, any offered discount will form a part of the award, and will be taken if payment is made within the discount period indicated in the offer by the offeror. As an alternative to offering a discount for prompt payment in conjunction with the offer, offerors awarded contracts may include discounts for prompt payment on individual invoices. (b) In connection with any discount offered for prompt payment, time shall be computed from the date of the invoice. If the contractor has not placed a date on the invoice, the due date shall be calculated from the date the designated billing office receives a proper invoice, provided the district annotates such invoice with the date of receipt at the time of receipt. For the purpose of computing the discount earned, payment shall be considered to have been made on the date that appears on the payment check or, for an electronic funds transfer, the specified payment date. When the discount date falls on a Saturday, Sunday, or legal holiday when federal government offices are closed and government business is not expected to be conducted, payment may be made on the following business day.

<u>Disputes:</u> (1) Choice-of-Forum. All disputes, claims, or controversies relating to the Agreement shall be resolved exclusively by the appropriate Chief Procurement Officer in accordance with Title 11, Chapter 35, Article 17 of the South Carolina Code of Laws, or in the absence of jurisdiction, only in the Court of Common Pleas for, or a federal court located in the State of South Carolina. Contractor agrees that any act by the district regarding the Agreement is not a waiver of either the government's sovereign immunity or the government's immunity under the Eleventh Amendment of the United States

Constitution. As used in this paragraph, the term "Agreement" means any transaction or agreement arising out of, relating to, or contemplated by the solicitation. (2) Service of Process. Contractor consents that any papers, notices, or process necessary or proper for the initiation or continuation of any disputes, claims, or controversies relating to the Agreement; for any court action in connection therewith; or for the entry of judgment on any award made, may be served on Contractor by certified mail (return receipt requested) addressed to Contractor at the address provided as the Notice Address on Page Two or by personal service or by any other manner that is permitted by law, in or outside South Carolina. Notice by certified mail is deemed duly given upon deposit in the United States mail.

<u>Equal Opportunity</u>: Contractor is referred to and shall comply with all applicable provisions, if any, of Title 41, Part 60 of the Code of Federal Regulations, including but not limited to Sections 60-1.4, 60-4.2, 60-4.3, 60-250.5(a), and 60-741.5(a), which are hereby incorporated by reference.

<u>False Claims</u>: According to the S.C. Code of Laws § 16-13-240, "a person who by false pretense or representation obtains the signature of a person to a written instrument or obtains from another person any chattel, money, valuable security, or other property, real or personal, with intent to cheat and defraud a person of that property is guilty" of a crime.

<u>Fixed Pricing Required:</u> Any pricing provided by contractor shall include all costs for performing the work associated with that price. Except as otherwise provided in this solicitation, contractor's price shall be fixed for the duration of this contract, including option terms. This clause does not prohibit contractor from offering lower pricing after award.

Price(s) shall include overhead, profit, insurance, rental equipment, power tools, travel, fuel, fuel surcharges, delivery, set-up charges, taxes, etc. The district shall not honor any hidden charges.

<u>No Indemnity Or Defense:</u> Any term or condition is void to the extent it requires the District to indemnify, defend, or pay attorney's fees to anyone for any reason.

<u>Notice</u>: (a) After award, any notices shall be in writing and shall be deemed duly given (1) upon actual delivery, if delivery is by hand, (2) upon receipt by the transmitting party of automated confirmation or answer back from the recipient's device if delivery is by telex, telegram, facsimile, or electronic mail, or (3) upon deposit into the United States mail, if postage is prepaid, a return receipt is requested, and either registered or certified mail is used. (b) Notice to contractor shall be to the address identified as the notice address on page two. Notice to the district shall be to the Procurement Office address on the cover page. Either party may designate a different address for notice by giving notice in accordance with this paragraph.

<u>Open Trade</u>: During the contract term, including any renewals or extensions, Contractor will not engage in the boycott of a person or an entity based in or doing business with a jurisdiction with whom South Carolina can enjoy open trade, as defined in SC Code Section 11-35-5300.

**Payment & Interest:** (a) The District shall pay the Contractor, after the submission of proper invoices or vouchers, the prices stipulated in this contract for supplies delivered and accepted or services rendered and accepted, less any deductions provided in this contract. Unless otherwise specified herein, including the purchase order, payment shall not be made on partial deliveries accepted by the District. (b) Notwithstanding any other provision, payment shall be made in accordance with S.C. Code Section 11-35-45, or Chapter 6 of Title 29 (real property improvements) when applicable, which provides the Contractor's exclusive means of recovering any type of interest from the Owner. Contractor waives imposition of an interest penalty unless the invoice submitted specifies that the late penalty is applicable. Except as set forth in this paragraph, the District shall not be liable for the payment of interest on any debt or claim arising out of or related to this contract for any reason. (c) Amounts due to the District shall bear interest at the rate of interest established by the South Carolina Comptroller General pursuant to Section 11-35-45 ("an amount not to exceed fifteen percent each year"), as amended, unless otherwise required by Section 29-6-30. (d) Any other basis for interest, including but not limited to general (pre- and post-judgment) or specific interest statutes, including S.C. Code Ann. Section 34-31-20, are expressly waived by both parties. If a court, despite this agreement and waiver, requires that interest be paid on any debt by either party other than as provided by items (b) and (c) above, the parties further agree that the applicable interest rate for any given calendar year shall be the lowest prime rate

as listed in the first edition of the Wall Street Journal published for each year, applied as simple interest without compounding. (e) The District shall have all of its common law, equitable and statutory rights of set-off.

- All invoices for payment of purchases of goods or services shall be delivered to: Lancaster County School District, Attn: Accounts Payable, 300 S. Catawba St., Lancaster, SC 29720.
- > All payment for purchases of goods and services shall be paid by the district within thirty (30) days after the acceptance of the goods or services and proper invoice, whichever is received later.

<u>Publicity:</u> Contractor shall not publish any comments or quotes by district employees, or include the district in either news releases or a published list of customers, without the prior written approval of the Procurement Officer.

**Purchase Orders:** Contractor shall not perform any work prior to the receipt of a purchase order from the district. The district shall order any supplies or services to be furnished under this contract by issuing a purchase order. Purchase orders may be used to elect any options available under this contract, e.g., quantity, item, delivery date, payment method, but are subject to all terms and conditions of this contract. Purchase orders may be electronic. No particular form is required. An order placed pursuant to the purchasing card provision qualifies as a purchase order.

Purchase order number must be clearly stated on each carton or package, shipping ticket, invoice and any/all other information related to the order.

<u>Survival of Obligations</u>: The parties' rights and obligations which, by their nature, would continue beyond the termination, cancellation, rejection, or expiration of this contract shall survive such termination, cancellation, rejection, or expiration, including, but not limited to, the rights and obligations created by the following clauses: Indemnification - Third Party Claims, Intellectual Property Indemnification, and any provisions regarding warranty or audit.

Taxes: Any tax the contractor may be required to collect or pay upon the sale, use or delivery of the products shall be paid by the District, and such sums shall be due and payable to the contractor upon acceptance. Any personal property taxes levied after delivery shall be paid by the District. It shall be solely the District's obligation, after payment to contractor, to challenge the applicability of any tax by negotiation with, or action against, the taxing authority. Contractor agrees to refund any tax collected, which is subsequently determined not to be proper and for which a refund has been paid to contractor by the taxing authority. In the event that the contractor fails to pay, or delays in paying, to any taxing authorities, sums paid by the District to contractor, contractor shall be liable to the District for any loss (such as the assessment of additional interest) caused by virtue of this failure or delay. Taxes based on Contractor's net income or assets shall be the sole responsibility of the contractor.

<u>Termination Due To Unavailability Of Funds</u>: Payment and performance obligations for succeeding fiscal periods shall be subject to the availability and appropriation of funds therefor. When funds are not appropriated or otherwise made available to support continuation of performance in a subsequent fiscal period, the contract shall be canceled. In the event of a cancellation pursuant to this paragraph, contractor will be reimbursed the resulting unamortized, reasonably incurred, nonrecurring costs. Contractor will not be reimbursed any costs amortized beyond the initial contract term.

<u>Third Party Beneficiary</u>: This contract is made solely and specifically among and for the benefit of the parties hereto, and their respective successors and assigns, and no other person will have any rights, interest, or claims hereunder or be entitled to any benefits under or on account of this contract as a third party beneficiary or otherwise.

<u>Waiver:</u> The district does not waive any prior or subsequent breach of the terms of the contract by making payments on the contract, by failing to terminate the contract for lack of performance, or by failing to strictly or promptly insist upon any term of the contract. Only the Chief Procurement Officer has actual authority to waive any of the district's rights under this contract. Any waiver must be in writing.

## VII. TERMS AND CONDITIONS - B. SPECIAL

## Changes:

(1) Contract Modification. By a written order, at any time, and without notice to any surety, the Procurement Officer may, subject to all appropriate adjustments, make changes within the general scope of this contract in any one or more of the following:

(a) drawings, designs, or specifications, if the supplies to be furnished are to be specially manufactured for the District in accordance therewith;

(b) method of shipment or packing;

(c) place of delivery;

(d) description of services to be performed;

(e) time of performance (i.e., hours of the day, days of the week, etc.); or,

(f) place of performance of the services. Subparagraphs (a) to (c) apply only if supplies are furnished under this contract. Subparagraphs (d) to (f) apply only if services are performed under this contract.

(2) Adjustments of Price or Time for Performance. If any such change increases or decreases the contractor's cost of, or the time required for, performance of any part of the work under this contract, whether or not changed by the order, an adjustment shall be made in the contract price, the delivery schedule, or both, and the contract modified in writing accordingly. Any adjustment in contract price made pursuant to this clause shall be determined in accordance with the Price Adjustment Clause of this contract. Failure of the parties to agree to an adjustment shall not excuse the contractor from proceeding with the contract as changed, provided that the District promptly and duly make such provisional adjustments in payment or time for performance as may be reasonable. By proceeding with the work, the contractor shall not be deemed to have prejudiced any claim for additional compensation, or an extension of time for completion.

(3) Time Period for Claim. Within 30 days after receipt of a written contract modification under Paragraph (1) of this clause, unless such period is extended by the Procurement Officer in writing, the contractor shall file notice of intent to assert a claim for an adjustment. Later notification shall not bar the contractor's claim unless the District is prejudiced by the delay in notification.

(4) Claim Barred After Final Payment. No claim by the contractor for an adjustment hereunder shall be allowed if notice is not given prior to final payment under this contract.

<u>Compliance with Laws</u>: During the term of the contract, contractor shall comply with all applicable provisions of laws, codes, ordinances, rules, regulations, and tariffs.

<u>Contract Limitations</u>: No sales may be made pursuant to this contract for any item or service that is not expressly listed. No sales may be made pursuant to this contract after expiration of this contract. Violation of this provision may result in termination of this contract and may subject contractor to suspension or debarment.

<u>Contractor Personnel</u>: The Contractor shall enforce strict discipline and good order among the Contractor's employees and other persons carrying out the Contract. The Contractor shall not permit employment of unfit persons or persons not skilled in tasks assigned to them.

<u>Contractor's Obligation – General:</u> The contractor shall provide and pay for all materials, tools, equipment, labor and professional and non- professional services, and shall perform all other acts and supply all other things necessary, to fully and properly perform and complete the work. The contractor must act as the prime contractor and assume full responsibility for any subcontractor's performance. The contractor will be considered the sole point of contact with regard to all situations, including payment of all charges and the meeting of all other requirements.

## Default:

(a) (1) The District may, subject to paragraphs (c) and (d) of this clause, by written notice of default to the Contractor, terminate this contract in whole or in part if the Contractor fails to:

(i) Deliver the supplies or to perform the services within the time specified in this contract or any extension;

(ii) Make progress, so as to endanger performance of this contract (but see paragraph (a)(2) of this clause); or

(iii) Perform any of the other material provisions of this contract (but see paragraph (a)(2) of this clause).

(2) The District's right to terminate this contract under subdivisions (a)(1)(ii) and (1)(iii) of this clause, may be exercised if the Contractor does not cure such failure within 10 days (or more if authorized in writing by the Procurement Officer) after receipt of the notice from the Procurement Officer specifying the failure.

(b) If the District terminates this contract in whole or in part, it may acquire, under the terms and in the manner the Procurement Officer considers appropriate, supplies or services similar to those terminated, and the Contractor will be liable to the District for any excess costs for those supplies or services. However, the Contractor shall continue the work not terminated.

(c) Except for defaults of subcontractors at any tier, the Contractor shall not be liable for any excess costs if the failure to perform the contract arises from causes beyond the control and without the fault or negligence of the Contractor. Examples of such causes include (1) acts of God or of the public enemy, (2) acts of the State in either its sovereign or contractual capacity, (3) fires, (4) floods, (5) epidemics, (6) quarantine restrictions, (7) strikes, (8) freight embargoes, and (9) unusually severe weather. In each instance the failure to perform must be beyond the control and without the fault or negligence of the Contractor.

(d) If the failure to perform is caused by the default of a subcontractor at any tier, and if the cause of the default is beyond the control of both the Contractor and subcontractor, and without the fault or negligence of either, the Contractor shall not be liable for any excess costs for failure to perform, unless the subcontracted supplies or services were obtainable from other sources in sufficient time for the Contractor to meet the required delivery schedule.

(e) If this contract is terminated for default, the District may require the Contractor to transfer title and deliver to the District, as directed by the Procurement Officer, any (1) completed supplies, and (2) partially completed supplies and materials, parts, tools, dies, jigs, fixtures, plans, drawings, information, and contract rights (collectively referred to as "manufacturing materials" in this clause) that the Contractor has specifically produced or acquired for the terminated portion of this contract. Upon direction of the Procurement Officer, the Contractor shall also protect and preserve property in its possession in which the District has an interest.

(f) The District shall pay contract price for completed supplies delivered and accepted. The Contractor and Procurement Officer shall agree on the amount of payment for manufacturing materials delivered and accepted and for the protection and preservation of the property; if the parties fail to agree, the Procurement Officer shall set an amount subject to the Contractor's rights under the Disputes clause. Failure to agree will be a dispute under the Disputes clause. The District may withhold from these amounts any sum the Procurement Officer determines to be necessary to protect the District against loss because of outstanding liens or claims of former lien holders.

(g) If, after termination, it is determined that the Contractor was not in default, or that the default was excusable, the rights and obligations of the parties shall, if the contract contains a clause providing for termination for convenience of the District, be the same as if the termination had been issued for the convenience of the District. If, in the foregoing circumstances, this contract does not contain a clause providing for termination for convenience of the District, the contract shall be adjusted to compensate for such termination and the contract modified accordingly subject to the contractor's rights under the Disputes clause.

h) The rights and remedies of the District in this clause are in addition to any other rights and remedies provided by law or under this contract.

<u>Disposal of Packaging</u>: Contractor shall dispose of all wrappings, crating, and other disposable materials pertaining to this contract at the end of each working day and upon completion of installation.

<u>Illegal Immigration</u>: By signing your offer, you certify that you will comply with the applicable requirements of Title 8, Chapter 14 of the South Carolina Code of Laws and agree to provide to the district upon request any documentation required to establish either: (a) that Title 8, Chapter 14 is inapplicable to you and your subcontractors or sub-subcontractors; or (b) that you and your subcontractors or sub-subcontractors are in compliance with Title 8, Chapter 14. Pursuant to Section 8-14-60, "A person who knowingly makes or files any false, fictitious, or fraudulent document, statement, or report pursuant to this chapter is guilty of a felony, and, upon conviction, must be fined within the discretion of the court or imprisoned for not more than five years, or both." You agree to include in any contracts with your subcontractors language requiring your subcontractors to (a) comply with the applicable requirements of Title 8, Chapter 14, and (b) include in their contracts with the

sub-subcontractors language requiring the sub-subcontractors to comply with the applicable requirements of Title 8, Chapter 14.

Indemnification- Third Party Claims – General: Notwithstanding any limitation in this agreement, and to the fullest extent permitted by law, Contractor shall defend and hold harmless Indemnitees for and against any and all suits or claims of any character (and all related damages, settlement payments, attorneys' fees, costs, expenses, losses or liabilities) by a third party which are attributable to bodily injury, sickness, disease or death, or to injury to or destruction of tangible property arising out of or in connection with the goods or services acquired hereunder or caused in whole or in part by any act or omission of contractor, its subcontractors, their employees, workmen, servants, agents, or anyone directly or indirectly employed by them or anyone for whose acts any of them may be liable, regardless of whether or not caused in part by an Indemnitee, and whether or not such claims are made by a third party or an Indemnitee; however, if an Indemnitee's negligent act or omission is subsequently determined to be the sole proximate cause of a suit or claim, the Indemnitee shall not be entitled to indemnification hereunder. Contractor shall be given timely written notice of any suit or claim. Contractor's obligations hereunder are in no way limited by any protection afforded under workers' compensation acts, disability benefits acts, or other employee benefit acts. This clause shall not negate, abridge, or reduce any other rights or obligations of indemnity which would otherwise exist. The obligations of this paragraph shall survive termination, cancelation, or expiration of the parties' agreement. This provision shall be construed fairly and reasonably, neither strongly for nor against either party, and without regard to any clause regarding insurance. As used in this clause, "Indemnitees" means the Lancaster County School District, its instrumentalities, agencies, departments, boards, political subdivisions and all their respective officers, agents and employees.

<u>Licenses And Permits</u>: During the term of the contract, the Contractor shall be responsible for obtaining, and maintaining in good standing, all licenses (including professional licenses, if any), permits, inspections and related fees for each or any such licenses, permits and /or inspections required by the State, county, city or other government entity or unit to accomplish the work specified in this solicitation and the contract.

<u>Material and Workmanship</u>: Unless otherwise specifically provided in this contract, all equipment, material, and articles incorporated in the work covered by this contract are to be new and of the most suitable grade for the purpose intended.

## Price Adjustments:

(1) Method of Adjustment. Any adjustment in the contract price made pursuant to a clause in this contract shall be consistent with this Contract and shall be arrived at through whichever one of the following ways is the most valid approximation of the actual cost to the Contractor (including profit, if otherwise allowed):

(a) by agreement on a fixed price adjustment before commencement of the pertinent performance or as soon thereafter as practicable;

(b) by unit prices specified in the Contract or subsequently agreed upon;

(c) by the costs attributable to the event or situation covered by the relevant clause, including profit if otherwise allowed, all as specified in the Contract; or subsequently agreed upon;

(d) in such other manner as the parties may mutually agree; or,

(e) in the absence of agreement by the parties, through a unilateral initial written determination by the Procurement Officer of the costs attributable to the event or situation covered by the clause, including profit if otherwise allowed, all as computed by the Procurement Officer in accordance with generally accepted accounting principles, subject to the provisions of Title 11, Chapter 35, Article 17 of the S.C. Code of Laws.

(2) Submission of Price or Cost Data. Upon request of the Procurement Officer, the contractor shall provide reasonably available factual information to substantiate that the price or cost offered, for any price adjustments is reasonable, consistent with the provisions of Section 11-35-1830.

<u>Pricing Data – Audit – Inspection:</u> (a) Cost or Pricing Data. Upon Procurement Officer's request, you shall submit cost or pricing data, as defined by 48 C.F.R. Section 2.101 (2004), prior to either (1) any award to contractor pursuant to 11-35-1530 or 11-35-1560, if the total contract price exceeds \$500,000, or (2) execution of a change order or contract modification with contractor which exceeds \$100,000. Your price, including profit or fee, shall be adjusted to exclude any significant sums by

which the district finds that such price was increased because you furnished cost or pricing data that was inaccurate, incomplete, or not current as of the date agreed upon between parties. (b) Records Retention. You shall maintain your records for three years from the date of final payment, or longer if requested by the chief Procurement Officer. The district may audit your records at reasonable times and places. As used in this subparagraph (b), the term "records" means any books or records that relate to cost or pricing data submitted pursuant to this clause. In addition to the obligation stated in this subparagraph (b), you shall retain all records and allow any audits provided for by 11-35-2220(2). (c) Inspection. At reasonable times, the district may inspect any part of your place of business which is related to performance of the work. (d) Instructions Certification. When you submit data pursuant to subparagraph (a), you shall (1) do so in accordance with the instructions appearing in Table 15-2 of 48 C.F.R. Section 15.408 (2004) (adapted as necessary for the district context), and (2) submit a Certificate of Current Cost or Pricing Data, as prescribed by 48 CFR Section 15.406-2(a) (adapted as necessary for the district context). (e) Subcontracts. You shall include the above text of this clause in all of your subcontracts. (f) Nothing in this clause limits any other rights of the district.

<u>Relationship Of The Parties</u>: Neither party is an employee, agent, partner, or joint venturer of the other. Neither party has the right or ability to bind the other to any agreement with a third party or to incur any obligation or liability on behalf of the other party.

## Restrictions on Presenting Terms of Use or Offering Additional Services:

(a) Citizens, as well as public employees (acting in their individual capacity), should not be unnecessarily required to agree to or provide consent to policies or contractual terms in order to access services acquired by the district pursuant to this contract (hereinafter "applicable services") or, in the case of public employees, to perform their job duties; accordingly, in performing the work, contractor shall not require or invite any citizen or public employee to agree to or provide consent to any end user contract, privacy policy, or other terms of use (hereinafter "terms of use") not previously approved in writing by the procurement officer. Contractor agrees that any terms of use regarding applicable services are void and of no effect.
(b) Unless expressly provided in the solicitation, public contracts are not intended to provide contractors an opportunity to market additional products and services; accordingly, in performing the work, contractor shall not – for itself or on behalf of any third party – offer citizens or public employees (other than the procurement officer) any additional products or services not required by the contract.

(c) Any reference to contractor in items (a) or (b) also includes any subcontractor at any tier. Contractor is responsible for compliance with these obligations by any person or entity that contractor authorizes to take any action related to the work.
(d) Any violation of this clause is a material breach of contract. The parties acknowledge the difficulties inherent in determining the damage from any breach of these restrictions. Contractor shall pay the district liquidated damages of \$1,000 for each contact with a citizen or end user that violates this restriction.

<u>Shipping/Risk of Loss</u>: F.O.B. Destination, Freight Prepaid. Destination is the District's designated receiving site, or other location, as specified on the purchase order.

<u>Storage Of Materials</u>: Absent approval of the using governmental unit, Contractor shall not store items on the premises of the using governmental unit prior to the time set for installation.

<u>Substitutions Prohibited – End Product Preferences:</u> If you receive the award as a result of the South Carolina end product or United States end product preference, you may not substitute a non-qualifying end product for a qualified end product. If you violate this provision, the District may terminate your contract for cause and you may be debarred. In addition, you shall pay to the District an amount equal to twice the difference between the price paid by the District and your evaluated price for the item for which you delivered a substitute.

<u>Subcontractor Substitution Prohibited - Resident Subcontractor Preference:</u> If you receive an award as a result of the subcontractor preference, you may not substitute any business for the subcontractor upon which you relied to qualify for the preference, unless first approved in writing by the procurement officer. If you violate this provision, the State may terminate your contract for cause and you may be debarred. In addition, the procurement officer may require you to pay the State an

amount equal to twice the difference between the price paid by the State and the price offered by the next lowest bidder, unless the substituted subcontractor qualifies for the preference.

<u>Termination For Convenience</u>: (1) Termination. The Procurement Officer may terminate this contract in whole or in part, for the convenience of the District. The Procurement Officer shall give written notice of the termination to the contractor specifying the part of the contract terminated and when termination becomes effective.

(2) Contractor's Obligations. The contractor shall incur no further obligations in connection with the terminated work and on the date set in the notice of termination the contractor will stop work to the extent specified. The contractor shall also terminate outstanding orders and subcontracts as they relate to the terminated work. The contractor shall settle the liabilities and claims arising out of the termination of subcontracts and orders connected with the terminated work. The Procurement Officer may direct the contractor to assign the contractor's right, title, and interest under terminated orders or subcontracts to the District. The contractor must still complete the work not terminated by the notice of termination and may incur obligations as are necessary to do so.

(3) Right to Supplies. The Procurement Officer may require the contractor to transfer title and deliver to the District in the manner and to the extent directed by the Procurement Officer: (a) any completed supplies; and (b) such partially completed supplies and materials, parts, tools, dies, jigs, fixtures, plans, drawings, information, and contract rights (hereinafter called "manufacturing material") as the contractor has specifically produced or specially acquired for the performance of the terminated part of this contract. The contractor shall, upon direction of the Procurement Officer, protect and preserve property in the possession of the contractor in which the District has an interest. If the Procurement Officer does not exercise this right, the contractor shall use best efforts to sell such supplies and manufacturing materials in accordance with the standards of Uniform Commercial Code Section 2-706. Utilization of this Section in no way implies that the District has breached the contract by exercise of the Termination for Convenience Clause.

(4) Compensation. (a) The contractor shall submit a termination claim specifying the amounts due because of the termination for convenience together with cost or pricing data required by Section 11-35-1830 bearing on such claim. If the contractor fails to file a termination claim within one year from the effective date of termination, the Procurement Officer may pay the contractor, if at all, an amount set in accordance with Subparagraph (c) of this Paragraph.

(b) The Procurement Officer and the contractor may agree to a settlement and that the settlement does not exceed the total contract price plus settlement costs reduced by payments previously made by the District, the proceeds of any sales of supplies and manufacturing materials under Paragraph (3) of this clause, and the contract price of the work not terminated; (c) Absent complete agreement under Subparagraph (b) of this Paragraph, the Procurement Officer shall pay the contractor the following amounts, provided payments agreed to under Subparagraph (b) shall not duplicate payments under this Subparagraph:

(i) contract prices for supplies or services accepted under the contract;

(ii) costs reasonably incurred in performing the terminated portion of the work less amounts paid or to be paid for accepted supplies or services;

(iii) reasonable costs of settling and paying claims arising out of the termination of subcontracts or orders pursuant to Paragraph (2) of this clause. These costs must not include costs paid in accordance with Subparagraph (c)(ii) of this paragraph;

(iv) any other reasonable costs that have resulted from the termination. The total sum to be paid the contractor under this Subparagraph shall not exceed the total contract price plus the reasonable settlement costs of the contractor reduced by the amount of payments otherwise made, the proceeds of any sales of supplies and manufacturing materials under Subparagraph (b) of this Paragraph, and the contract price of work not terminated.

(d) Contractor must demonstrate any costs claimed, agreed to, or established under Subparagraphs (b) and (c) of this Paragraph using its standard record keeping system, provided such system is consistent with any applicable Generally Accepted Accounting Principles.

(5) Contractor's failure to include an appropriate termination for convenience clause in any subcontract shall not (i) affect the District's right to require the termination of a subcontract, or (ii) increase the obligation of the District beyond what it would have been if the subcontract had contained an appropriate clause.

<u>Warranty – Standard:</u> Contractor must provide the manufacturer's standard written warranty upon delivery of product. Contractor warrants that manufacturer will honor the standard written warranty provided.

## IFB 202312 Bally Walk-In Cooler & Freezer Units for Multiple Locations

	Buford Middle School 1890 N. Rocky River Road, Lancaster, SC 29720					
Item #	Description	Preferences	Lead Time	Quantity	Unit Price	
1	Bally Outdoor 2 Compartment Walk-In Cooler/Freezer Unit with Metro Shelving Units, including delivery.			1	\$	
2	Installation			1	\$	
	Subtotal: Lot 1 - Buf	ord Middle S	chool	\$		
			nentary School ad, Lancaster, SC 297	20		
Item #	Description	Preferences	Lead Time	Quantity	Unit Price	
3	Bally Indoor Single Compartment Walk-In Freezer Unit with Metro Shelving Units, including delivery.			1	\$	
4	Installation			1	\$	
	Subtotal: Lot 2 – Clintor	n Elementary	/ School	\$		
	1477		e <b>ntary School</b> e, Lancaster, SC 2972	0		
Item #	Description	Preferences	Lead Time	Quantity	Unit Price	
5	Bally Outdoor 2 Compartment Walk-In Cooler/Freezer Unit with Metro Shelving Units, including delivery.			1	\$	
6	Installation			1	\$	
	Subtotal: Lot 3 – Erwin	Elementary	School	\$		
	McDonald Green Elementary School 2763 Lynwood Drive, Lancaster, SC 29720					
Item #	Description	Preferences	Lead Time	Quantity	Unit Price	
7	Bally Indoor 2 Compartment Walk-In Cooler/Freezer Unit with Metro Shelving Units, including delivery.			1	\$	
8	Installation				\$	
	Subtotal: Lot 4 – McDonald (	Green Eleme	ntary School	\$		

	South Middle School 1551 Billings Drive, Lancaster, SC 29720					
Item #	Description	Preferences	Lead Time	Quantity	Unit Price	
9	Bally Indoor 2 Compartment Walk-In Cooler/Freezer Unit with Metro Shelving Units, including delivery.			1	\$	
10	Installation			1	\$	
11	Bally Indoor Single Compartment Walk-In Cooler Unit with Metro Shelving Units, including delivery.			1	\$	
12	Installation			1	\$	
	Subtotal: Lot 5 – South Middle School \$					
	Total Base Bid \$					

Vendor Name:\_\_\_\_\_

### IFB 202312 Bally Walk-In Cooler & Freezer Units for Multiple Locations

### List of all Subcontractors by specialty who are expected to perform work to the Prime Contractor:

(1) All subcontractors' bids shall be included in the base bid amount. (2) A prime contractor whose bid is accepted may not substitute a person as subcontractor in place of a subcontractor listed in the original bid, except for showing a satisfactory reason to the District. Request for substitution must be made to the District in writing. (3) If the bidder determines to use his own employees to perform a portion of the work for which he would otherwise be required to list a subcontractor and if the bidder is qualified to perform that work under the terms of the invitation for bids, the bidder shall list himself in the appropriate place in the bid and not subcontract that work except with the approval of the District for good cause shown.

## Sub-Contractors:

### If you use more than one subcontractor for any trade, please list each individually.

:		Bid Amount: \$
Trade	Subcontractor's Name – SC License #	
:		Bid Amount: \$
Trade	Subcontractor's Name – SC License #	
		Bid Amount: \$
Trade	Subcontractor's Name – SC License #	
Company Name		Date

## **OFFEROR'S CHECKLIST** AVOID COMMON BID/PROPOSAL MISTAKES

Review this checklist prior to submitting your bid/proposal. If you fail to follow this checklist, you risk having your bid/proposal rejected.

- Do not include any of your standard contract forms!
- Unless expressly required, do not include any additional boilerplate contract clauses.
- Reread your entire bid/proposal to make sure your bid/proposal does not take exception to any of the district's mandatory requirements.
- Make sure you have properly marked all protected, confidential, or trade secret information in accordance with the
  instructions entitled: "Disclosure of Your Bid/Proposal & Submitting Confidential Data". Do not mark your entire
  bid/proposal as confidential, trade secret, or protected! Do not include a legend on the cover stating that your entire
  response is not to be released!
- Make sure you have properly acknowledged all amendments. Instructions regarding how to acknowledge amendments are outlined in section entitled: "Instructions to Offerors A. General Instructions (Amendments to Solicitation)".
- Make sure your bid/proposal is signed by a person that is authorized to contractually bind your business.
- Make sure your bid/proposal includes the number of copies requested.
- Make sure you properly mark the outside of your envelope with the bid number, due date, and time.
- Check to ensure your bid/proposal includes everything requested!
  - Cover Page completed and signed
  - □ Page Two completed
  - Bid Schedule completed (to include name of company in space provided)
  - Company Profile and Reference Form (if required)
  - Evidence of Liability Insurance
  - □ Bid Bond, Certified Check or Cashier's Check (if required)
  - □ Appropriate Number of Copies Requested
- If you have concerns about this solicitation, do not raise those concerns in your response! After opening, it is too late!
   If this solicitation includes a prebid/proposal conference or a question & answer period, raise your questions as
   a part of that process! Please see instructions under the heading "Instructions to Offerors A. General Instructions
   Questions from Offerors" and any provisions regarding prebid/proposal conferences.

This checklist is included only as a reminder to help offerors avoid common mistakes. Responsiveness will be evaluated against the solicitation, *not* against this checklist. You do <u>not</u> need to submit this checklist with your response.

## X. MINORITY AND WOMAN BUSINESS ENTERPRISE POLICY AND REQUIREMENTS:

### a) <u>Statement of Policy</u>:

It is a practice of the Lancaster County School District that discrimination against businesses on the basis of race, color, national origin, and gender is prohibited. No person shall be denied the benefit of, or otherwise discriminated against, on the grounds of race, color, national origin or gender in connection with the award and/or performance of any contract or modification of a contract between a vendor or contractor and the District which contract is paid or is to be paid for, in whole or part, with monetary appropriations of the District. Further, it is the practice of the District to encourage and promote, on an inclusionary basis, contracting opportunities for all business, without regard to race, color, national origin or gender. It is expected that all firms seeking to do business with the Lancaster County School District will comply with this policy.

#### b) <u>Subcontractor Participation:</u>

The Lancaster County School District, through its contract documents, encourages contractors to utilize minority subcontractors on their projects.

A prime contractor must identify M/WBE utilization expenditures to certified M/WBE subcontractors that perform a commercially useful function in the work of the contract. An M/WBE subcontractor is considered to perform a commercially useful function when it is responsible for the execution of a distinct element of the work of a contract for which the MBE or WBE has the skill and expertise and carries out its responsibilities by actually performing, managing and supervising the work involved.

#### c) Business Utilization Report:

In order to facilitate an effective monitoring system, each contractor, bidder or offeror must submit a completed and signed Utilization Report with the bid submission which lists the names, addresses and contact persons of the M/WBE and majority owned businesses, if any, to be used in the contract, the type of work each business will perform, the dollar value of the work and the scope of work. The Utilization Report submitted by the contractor shall be submitted as a part of the contract with the Lancaster County School District. If the information contained in the Contractor's Utilization Report changes by the time the contract is executed, the Contractor shall amend the Utilization Report and such amended Utilization Report shall be incorporated into the contract.

#### **Business Enterprise Utilization Report**

List all vendors/subcontractors to be used on this project. All MBE's or WBE's proposed for utilization on this project must be certified by the Small and Minority Business Assistance Office through the State of South Carolina according to the criteria of the Lancaster County School District's Minority Business Enterprise Plan.

In column 6 below, please specify ethnic/racial/gender group as follows:

- AABE African-American Business Enterprise
- HBE Hispanic Business Enterprise
- ABE Asian-American Business Enterprise
- FBE Female Business Enterprise
- MAJ Majority Business Enterprise

Project Title	W/M Business Enterprise Name	Address	Contact Person(s)	Telephone #	Designation Code

#### Statement of Intent

We, the undersigned have prepared and submitted all the documents required for this project. We have prepared these documents with a full understanding of the Lancaster County School District's goal to ensure equal opportunities in the proposed work to be undertaken in performance of this project. Specifically the District seeks to encourage and promote on an inclusionary basis contracting opportunities without regard to the race, gender, national origin or ethnicity of the ownership or management of any business and that it is an equal opportunity employer and contracting entity. We certify that the representations contained in the Minority/Women Business Enterprise (M/WBE) Utilization Report, which we have submitted with this solicitation, are true and correct as of this date. We commit to undertake this contract with the Minority/Women Business utilization Report we have submitted, and to comply with all non-discrimination provisions of the Minority/Women Business Enterprise Program in the performance of this contract.

Name:	
Signature:	
Гіtle:	
Date:	

Fax: (704)521-8801

**NSF APPROVED** 

#### Bally Refrigerated Boxes, Inc. Morehead City, NC 28557 (800) 242-2559 BO 2744-001-R03-LC Quote No: Item No: Last Update: 10/12/2022 Job Name: Buford Middle School **Revisor:** Laura Craig Date: 10/12/2022 PVD: 10/3/2022 To: All Bidders From: Laura Craig Swanson-Girard & Associates , 10420 Southern Loop Blvd Attn: Pineville, NC 28134

Phone:

#### **Box Shape**

#### <u>Outdoor Next To Building</u>



Bally Prefabricated Exterior Dimensions:
23'-6¾"(1\*) x 8'-2¾"(w\*) x 8'-6"(h)
2 Compartments 1 Tiers With Floor 4" Floor Ceiling: Single Span

#### Panel Thickness:

4 in. Exterior Vertical Used (7'-10") with 4 in. Partition, 4 in. Floor, 4 in. Ceiling

#### **Details on Following Page(s)**

NOTE: Freight shown is an estimate based on current published rates. A fuel surcharge will be added and changes continuously.	Walk-in Price: Refrigeration Price:
Total Price (FOB Plant)	(Less Refrig.Warranties):
	Estimated Freight:
<b>Optional Warranties:</b>	(not included in Total Price)
(1) 00 3/4 HP System (5	yr. Parts , 1 yr. Labor)

(1) 02 HP System (5 yr. Parts, 1 yr. Labor)

#### Payment terms and conditions are available upon request.

This quotation was based on information supplied to us which may or may not have been complete. Customer is responsible for reviewing this quotation for exclusions, deviations, and any improper information supplied to us.

Signature:

Date: \_

Laura Craig

We are not responsible for the selection or recommendation of the panel finish for any building or walk-in application.

<u>NOTE: Quoting Bally standard specifications, sizes, and finishes.</u> This quotation is good through 11/26/2022

Act of 2007 (Public Law 110-140) Title III; Section 312, regarding Walk-In Coolers and Walk-In Freezers.

BC	<b>IIV</b> ®	Bally Refrigerated Boxes Morehead City, NC 2855	-	-2559	
		Quote No: Item No:	2744-001-R03-L	.C	
Last Update:	10/12/2022	Job Name:	Buford Middle S	chool	
<i>Revisor:</i> <i>To:</i> All Bidde	Laura Craig ers	Date: From:	10/12/2022 Laura Craig	PVD:	10/3/2022
2			Swanson-Girard		
			10420 Southern	Loop Blva	d
Attn:			Pineville, NC 28	134	
		Phone:		Fax:(7	/04)521-8801

#### **Outdoor Next To Building**

#### **NSF APPROVED**

#### **Bally Prefabricated Exterior Dimensions:**

 $23'-6\frac{3}{4}''(1^*) \times 8'-2\frac{3}{4}''(w^*) \times 8'-6''(h)$ 

2 Compartments 1 Tiers With Floor 4" Floor

Ceiling: Single Span

#### Panel Thickness:

4 in. Exterior Vertical Used (7'-10") with 4 in. Partition, 4 in. Floor, 4 in. Ceiling

Details and specifications for Quote No:

2744-001-R03-LC

#### Base Finish

Comments:

Vertical and Ceiling Panels: Embossed Galvalume (26 GA)

#### Special Finishes:

Exterior Door - Embossed Tan Exterior Door Frame - Embossed Tan Exterior Floor - Embossed Tan Interior Floor - Aluminum Treadplate .125" Thick Wall 1 - Exterior Verticals - Embossed Tan Wall 2 - Exterior Verticals - Embossed Tan Wall 3 - Exterior Verticals - Embossed Tan Wall 4 - Exterior Verticals - Embossed Tan

#### Doors/Openings:

Wall 2 Door 1 (1) 36" x 78" Hinged Door In a 46" Wall 2 Door 1 (1) Ext.Alum Diam/Tread Ramp (30-36" Door) Wall 2 Door 1 (1) Locking Bar (2 piece) (with Release) (1) Strip Curtain (36" Door and Under) Wall 2 Door 1 (1) Super Door 36" Wide and Under, 30" High Wall 2 Door 1 Wall 2 Door 1 (1) Tamperproof Screws (per door) - Non Prison (1) 30" x 78" Hinged Door In a 46" Partition 1 Door 1 Partition 1 Door 1 (1) Bally Standard Pressure Relief Port (< 400 sq/ft) Partition 1 Door 1 (1) Super Door 36" Wide and Under, 30" High

#### Accessories and Extras:

Bo		Bally Refrigerated Boxes, Inc. Morehead City, NC 28557 (800) 242-2559				
Last Update: 10/12/2022 Revisor: Laura Craig To: All Bidders		Quote No:2744-001-R03-LCItem No:Job Name:Buford Middle SchoolJob Name:10/12/2022PVD:10/3/2022From:Laura CraigSwanson-Girard & Associates10420 Southern Loop Blvd				
Attn:		Pineville, NC 28134				
		<b>Phone:</b> Fax: (704)521-8801				
Floor Options: Refrigeration:		<ul> <li>- 40° F to 100° F(Range)</li> <li>(67) L/F REB(Reinforced Exterior Bottom)'s</li> <li>(209) S/F Outdoor Membrane Roof 40 mil standard</li> <li>(209) S/F Tapered Insul 1/8" on 12"</li> <li>(1) The loads are 26 Lbs psf live and 115 Mph RC II Wind. The customer must verify that the loads shown on this quote comply with local building codes.</li> <li>(28) WA-3 Wall Anchor Outside Vertical 4"</li> <li>(8) WA-4 Wall Anchor Outside Corner 4"</li> <li>(209) S/F 1/2" Plywood Foamed in Panel</li> </ul>				
		<ol> <li>(1) BEZA 007 H8 HS2DB (208-230/1/60) w/ smart speed Scroll Unit 7190 BTU</li> <li>(1) BEZA 020 L8 HS2D (208-230/1/60) w/ smart speed Includes defrost contactor for 1 Evap.</li> <li>(1) BLP207LE-S2D 208-230/1/60 2 Fan 7160 BTU/h</li> <li>(1) BLP209-MA-S1D 115/1/60 2 Fan 8700 BTU/h</li> <li>(1) Refrigeration is calculated for standard use at a box temperature of 35° F. for the cooler and -10° F. for the freezer with a condensing unit ambient of 105° F.</li> <li>(1) Time Clock 8145 (shipped loose) 115/1/60</li> </ol>				
Estimated Shipp	-					
Weight: 6,73	31.35					

Destination: Lancaster, SC, 29720

,

<b>Bally</b> <sup>®</sup>	Bally Refrigerated Boxes Morehead City, NC 2855	
Last Update: 10/12/2022	Quote No: Item No: Job Name:	2744-001-R03-LC Buford Middle School
Revisor: Laura Craig To: All Bidders , Attn:	Job Name: Date: From:	10/12/2022PVD:10/3/2022Laura CraigSwanson-Girard & Associates10420 Southern Loop BlvdPineville, NC 28134
	Phone:	Fax: (704)521-8801

#### Deviations (Alternates, Remarks, Clarifications, Etc.):

Bally Floor Panels are capable of supporting up to 800 lbs. Per Sq/Ft uniformly distributed stationary loading. Bally does not recommend the use rolling loads of heavy carts, pallet jacks or fork lifts on top of the floors. Warranty for floors subjected to this type of use would not be covered by Bally.

Exclusions (Items Not Supplied by Bally)	Exclusions	(Items	Not	Supp	olied	by	Bally):
--	------------	--------	-----	------	-------	----	---------

$\checkmark$	Shelving, Racks, Interior Accessories	M	Caulking and Sealants
	Labor on Warranties		Refrigeration Systems
V	Alarm Systems	$\checkmark$	Refrigeration Accessories
Ø	Supervision	☑	Closure Panel and Trim
$\checkmark$	Tubing, Wiring for Rfg. Equipment	Ø	Sleeves, Penetrations, Escutcheon Plates
$\checkmark$	Compressor Rack	V	Floor Insulation and Vapor Barrier

Cancelled Orders: Cancelled unshipped standard walk-ins will be charged a 30% restocking fee plus the cost of special panels. Cancelled refrigeration systems will be charged a 30% restocking fee and the cost of any freight accrued. Buy-out items will be charged a 25% restocking fee plus any freight accrued.

Agency Ratings: Bally units comply or surpass applicable Flame Spread-25, UL, UL 723, & NSF standards in a manner conforming to ASTM E-84, and Factory Mutual standards.

**Quotation Limitations:** This quotation was based upon the specifications given to Bally which may possibly be incomplete. Bally is not responsible for items missing from the quotation due to incomplete or excluded items in the specifications received from the customer. The customer is responsible for reviewing the quotation for omissions or deviations from the specifications given to Bally. All portions of the quotation are subject to revision upon receipt of detailed specifications or if changes are made following the delivery of the original quotation. Quotations expire on the date indicated on Page1 of the Quote. Approval drawings must be returned within 60 days of receipt of the purchase order. The order must ship within the agreed upon time frames or current lead times, but no later than 7 months. Any deviations to this quotation (dimensions or specification changes) will require updated pricing.

Panel Construction: Bally Panels are manufactured with environmentally friendly HFC 245-FA polyurethane foam. This polyurethane foam offers the highest thermal insulation value and the most energy efficiency per cubic inch in comparison to similar foams. It has a zero Ozone Depletion Potential (ODP) and a low Global Warming Potential (GWP). It is not considered a Volatile Organic Compound (VOC) in the US. Standard 4" Bally panels meet the 2009 Federal Energy Standards.

Refrigerants: Unless otherwise specified, refrigeration systems are quoted with environmentally friendly HFO R448A refrigerant. It has a Low Global Warming Potential (GWP) and the EPA lists it as an acceptable substitute for R404A and other high GWP refrigerants.

Automatic Door Closers: Bally includes automatic door closers and spring loaded hinges on all doors 42" wide and smaller as a standard feature with no additional charge that meet the 2009 Federal Energy Standards.

Motors: Bally units are quoted with EC and PSC motors in compliance with federal energy standards, for increased energy savings.

Lighting: Bally units are quoted with lighting in compliance with federal Energy Standards for increased energy savings.

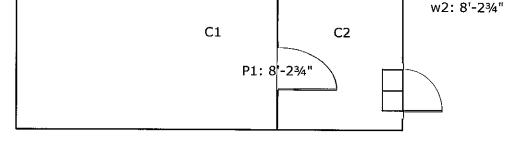
Optional Features: Bally offers additional optional energy-saving features such as Walk-In Alarm & Light Management systems that comply or surpass the 2009 Federal energy regulations.

<b>Bally</b> <sup>®</sup>	Bally Refrigerated Boxes Morehead City, NC 2855	·
■ Last Update: 10/12/2022	Quote No: Item No:	2744-001-R03-LC
Last Update: 10/12/2022 Revisor: Laura Craig To: All Bidders , Attn:	Job Name:	Buford Middle School
	Date: From:	10/12/2022 <b>PVD:</b> 10/3/2022 Laura Craig
	27011.	Swanson-Girard & Associates 10420 Southern Loop Blvd
Aun.		Pineville, NC 28134
	Phone:	Fax: (704)521-8801

This drawing is for reference purposes only and it not intended to be a formal scale model.

w3: 23'-6¾"





w1: 23'-6¾"

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DOOR 1: Wall2 36" x 78" Hinged Door In a 46" Centered Hinge:Left Orientaion:Regular PARTITION 1: Wall 1 Offset:7'-8" from wall 2 Partition Length:8'-2¾" PARTITION DOOR 1: Partition1 30" x 78" Hinged Door In a 46" Offset:4'-0" from wall 2 Hinge:Left

## Buford Middle School Cooler LOAD CALCULATION





	· 读字: 谢约			COOL	ING RE	QUIR	EMENTS		94						
Application	General	Walk-in Coo	ler	CANTER CARGE		L	ocation	Outd	loor \	Narm				a concentration of the con-	
Internal Temp	35 9	PF II	nternal RH	84	4%	Exte	ernal Temj	)	95 o	F	Exte	rnal RH		55%	
Wall Load	859 B	TUH I	nfiltration		) BTUH	Products		3	367 BTUH		Misce	llaneous	6	539 BTUH	
	219	6		53	3%				9%					16%	
	대한 영화 문	·大川時期時 小山公司約5	wa	LL, FLO	OOR AN	D CEI	LING LO	ADS							
Section		Constructi	on	Thickn (in)		actor	R Value	Ext Te		Dim 1 (ft)		m 2 ft)	Area (ft²)	Load (BTUH	
Rear	Ureth	ane, Standaı	d panels	4.00	0 0	.14	28.11	35.	0	8.20		.50	50		
		Door					15.00	35.		3.00		.50	20		
Right End		ane, Standa		4.00		.14	28.11	99.	-	8.20	-	.50	70	159	
Front	Ureth	ane, Standaı	d panels	4.00	0 0	.14	28.11	99.		8.20		.50	50	114	
		Door			_		15.00	99.		3.00		.50	20	83	
Left End		ane, Standa		4.00	0 0	.14	28.11	99.	0	8.20	8	.50	70	159	
Floor		On Grade		10.00		.31	32.32					.20	67	179	
Ceiling	Ureth	ane, Standa	d panels	4.00	0 0	.14	28.11	104	.0	8.20	8	.20	67	165	
		v	OLUME (ft <sup>3</sup> )	572	2		TO	TAL W/	ALL,	FLOOR /	AND (	CEILING	S LOA	D 859	
		See INF	ILTRATION	LOAD	: ESTIM	ATED	BY VOL		ND U	SAGE 🖞		ALC: NO.		的結果的	
Box Usage	Inter	nal Temp (°F)	Internal (%)	Rh	Extern	al Ten PF)	np Ex	ternal (%)	Rh		entilation (CFM)			Load (BTUH)	
Heavy		35	84			95		55		<b>`</b>		2,140			
					RODUC	T.LO/	ADS					2 9 5	医尿		
a provinsi una dal sense alla dal della di	<u> </u>	Туре	en e			ight lb)	Enter (°	Temp F)	Fin	al Temp (°F)	- Ρι	ill Dowi (hrs)	י	Load (BTUH)	
Gene	eral, Mixed F	roducts, App	roximation			143	45			35.0		24		367	
ΤÖ	TAL PROD	UCT WEIG	HT (lbs)		1,	143			Т	OTAL P	RODI	JCT LOA	ND	367	
				MIS	CELLAN	EOUS	LOADS								
Quantity	<u>,,,,</u> ,,00 - 50449	han an training an ann an trainn an traigean	Description		<u>- 1999 - 1997 -</u>		Pov	wer Units			Run Time (hrs)		2 000100	Load (BTUH)	
			LIGHTING					L	W/ft <sup>2</sup>			24		229	
2		EVA	PORATOR MOT	ORS			6	0		W	24		409		
								тот		ISCELL	ANEC	OUS LOA	١D	639	
				SYSTE	EM DES	IGN S	UMMAR						위신 지역 또한 지역		
Design Load (BTUH)	Safety Factor	Safety Load (BTUH)	Run Time (Hours)	Req	acity uired 'UH)	Refrigerant		Frequ	-rodiloncy i		gn TD Line L PF) (°F			Condense Ambient (°F)	
4,004	10%	4,405	16		607	R4	48A	60	<u> </u>	10.1	1	0.5	-+	105	
			a	Sector and an infinite			SELECTI	ON							
Equipment T	ype Qu	antity	Model Nu	mber	nber Desc							Voltage		Rating (BTUH)	
Condensing U	Init	1	BEZA007H8			EZ-L	ine Scroll				2	208-230/1/60		6,591	
Evaporator		1	BLP209MA	-S1D			Low Pro	file Evap	oorato	or		115/1/60 8		8,843	
				的复数形式装饰	YSTEM	BALA	NADUAL MEN								
Fan Loa	ad (BTUH)		Suction Te		F)		Evapor		(ºF)		Sys			(BTUH)	
			26.	6				7.9				6	,892		

<b>BODINY</b> NATIONAL REFRIGERATION AND AIR CONDITIONING CANADA CORP. 159 ROY BLVD, PO BOX 2020 BRANTFORD, ON CANADA N3T 5Y6						BEZA007H8-HS2D								
						EZ-LINE SCROLL								
PURCHA			<u> </u>		CUD	NATT''		NDENSING						
	IECT : Buford	Middle S	chool SC		506			Laura Craig						
	R # : 06338						EM # : :		ــــــــــــــــــــــــــــــــــــــ					
	TE # : Q10EU						<u>ID # :</u>	<b>-</b>						
PURCHASER'S F						TAG	GING :	•						
· · ···•			MOI	DEL FI	ATURES									
3/8" Tubing coil con efrigerant operating Anti-short cycle time Adjustable pressure n 2 fan models only Copper tubing secur amps Crankcase heater Discharge line temp Fan Guard	<ul> <li>Fan motors are inherently protected with internal overloads</li> <li>Pre-formed piping</li> <li>Receiver with fusible plug and liquid shut off valve</li> <li>Suction Service valve</li> <li>Adjustable flooded head pressure control (unless otherwise indicated)</li> <li>Units are shipped with Helium holding charge</li> <li>Weatherproof electrical control box with compressor contactor and fused control</li> <li>Weatherproof electrical control box with compressor contactor and fused control</li> <li>Weatherproof electrical control box with compressor contactor and fused control</li> <li>Weatherproof electrical control box with compressor contactor and fused control</li> </ul>													
OPTION PACKAGES Small B (Good@War Small N (Better@Wa Small P (Best@Warr Small D (Good@Mod Small J (Better@Mod Small J (Better@Mod Small Q (Best@Mod Small R 115V Control Circuit ADJUSTABLE PRESS Johnson Dual with fl Separate High/Low BALL VALVE *Liquid Line Liquid Line *Suction Line Suction Line Suction Line CAPACITY CONTROL To Inlet of Evaporat To Suction Line Compressor Circuit I Compressor Circuit I Condensing UNIT Tamper Proof Screw Crankcase Pressure CONTACTORS 30A Contactor 60A Contactor	rm/Moderate) n/Moderate) lerate/Cold) derate/Cold) derate/Cold) wrate/Cold wrate/Cold) wrate/Cold wrate/Cold) wrate/Cold wrate/Cold) wrate/Cold wrate/Co	ASS	ODEL OPTIOI DEFROST KIT (USE W/KE2 I Up to 30A pe 35A to 50A p Over 50A per Discharge Lin DISCONNECT Fused Non-Fused EC FAN MOTO All Motors Va ELECTRONIC I Low Pressure High Pressure Export Crating EXTENDED 4-7 WARRANTY Copeland EXTENDED 4-7 WARRANTY Copeland EXTENDED 4-7 Gold Coat Fin Copper Fins Hail Guard for Heated and In HOUSING MAT Stainless Stee Insulated Suc	EVAP Electrony Evap rer E	FF) ( Valve H PEED CON peed - 230 IRE CONT OMPRESS OMPRESS nser d Received	ITROLL IV Units ROL	ER [ [ [	1       Sealed Replaces         Liquid Lin         *Standa         OIL SEPA         With Oil         One Time         Oversized         Pump Dox         QuickVac         Receiver         Single Pois         SUCTION         With Heat         Without         SUCTION         Suction         Suction         Paragon         *230V P         *115V P         Wind Gua	e Lock-Out INE SOLENC INE SOLENC INT SOLENC INT SOLENC Filter and So Pump Dow I Receiver wn Toggle S Inlet Ball Va int Electrica ACCUMULA' at Exchanger Heat Exchanger Heat Exchanger Heat Exchanger FILTER ype ible Core CK 8145 Style aragon 8145 aragon 8145	Relay DID VAL' lenoid n switch slve l TOR ger Style Style				
VOLTAGE	SYS	TEM REFR			RĂTI		Suc	TION TEMP	AMBIENT	TEMD				
208-230/1/60		R448/			0.7			6.6 °F	105		6892 E			
FANS			CO	MPRES					CIRCUIT					
QTY POWER	FLA/FAN		TYPE	QTY	RLA		LRA	AMPS	WATTS	MCA		OP‡		
1 100W	<u> </u>	_	5KAE-PFV	1	6		36	7		8.5		15		
	/8 in	SOUND			REC CA			5 lb			APPRO	VAL		
SUCTION 5	/8 in	WEIGHT	183 lb	<b>}</b>	REF C	HARGE	<u> </u>	3 lb			a (U) us			
t MCA Minimum C MCA & MOP are for WEF = 7.6 for R40	the condensir	ng unit ON	LY. Single poin	t conn	ections V	NILL s	how diff I model	erent on da for all othei	taplate. r refrigerar	ıts	2 (4C) fia			
PPROVED BY :									DATE :		L. I			
Approval of this d	rawing signifie	s that the	equipment is a ever subject to	accepta	able unde	er the	provisio	n of the job	specificati	ons. An	y chang	e		

NATIONAL REFRIGERATION AND AIR CONDITIONING CANADA CORP.	BEZA007H8-HS2D
AIR CONDITIONING CANADA CORP. 159 ROY BLVD, PO BOX 2020 BRANTFORD, ON CANADA N3T 5Y6	EZ-LINE SCROLL CONDENSING UNITS-AIR
PURCHASER ;	SUBMITTED BY : Laura Craig
PROJECT : Buford Middle School SC	DATE : 11 Oct 2022
ORDER # : 06338.47502.00469-A00	ITEM # : 1
QUOTE # : Q10EULCA-A	ID # :
PURCHASER'S PO # :	TAGGING :

#### SELECTED OPTION DESCRIPTIONS

#### <u>Liquid Line Filter + Sight Glass - Sealed</u>

Sporlan C Series with ODF solder connections and Sporlan SA moisture indicator factory installed in liquid line.

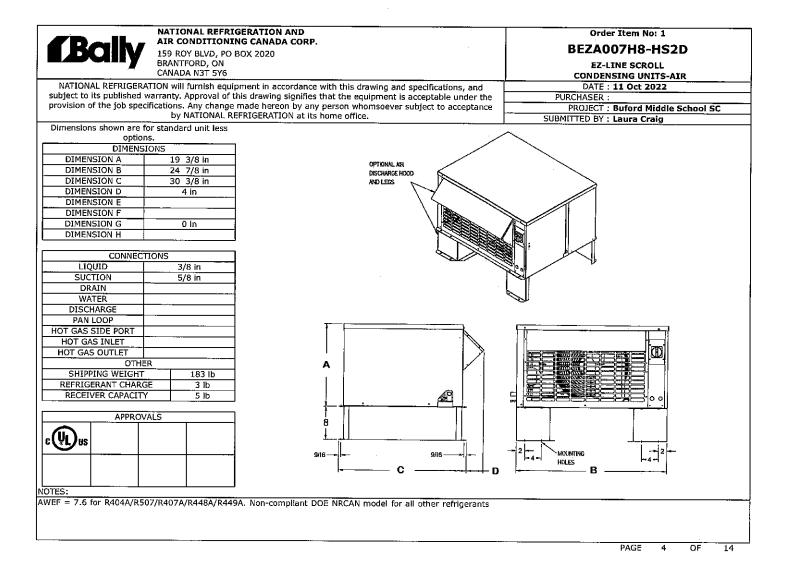
#### Option Packages - Smail B (Good@Warm/Moderate)

LLFD+SG

#### Time Clock - 115V Paragon 8145 Style

115V Defrost timer is time initiated, temperature or pressure terminated with a timed failsafe. Timer is shipped loose in a box for field installation.

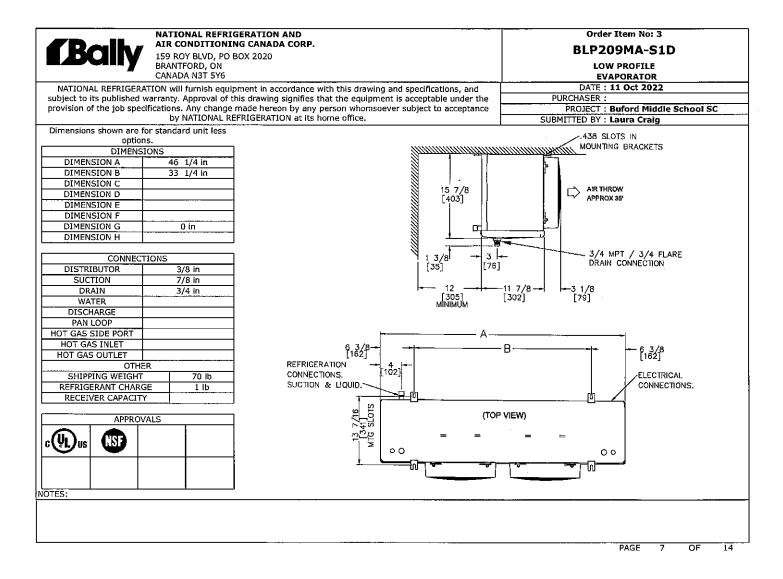
Approval of this drawing signifies that the equipment is acceptable under the provision of the job specifications. Any change made hereon by any person whomsoever subject to acceptance by NATIONAL REFRIGERATION at its home office.



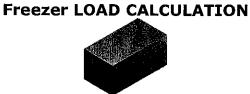
	IR CONDITION	RIGERATION AND NING CANADA CORP.		BLP209M			
BF	59 ROY BLVD, PO BOX 2 RANTFORD, ON	020	LOW PROFILE EVAPORATOR				
PURCHA	ANADA N3T 5Y6 ASER:		SUBMITTED BY		ATOR		
		liddle School SC		: 11 Oct 2022			
		7502.00469-A00	ITEM #				
QUO	TE # : Q10EULC	CA-A	1D #				
PURCHASER'S	PO # :		TAGGING	:			
- · · · · · ·		MODEL FE					
<ul> <li>3/8" Tubing coil con refrigerant operating</li> <li>Factory installed sol harness</li> <li>Heavy gauge textur cabinet construction r scratches/corrosion</li> <li>Spacious piping end allows for easy assem</li> </ul>	charge) lenoid valve wire red aluminum resists I compartment nbly	drain connection (3/4"	drain) ous electrical and on suction header e high density s nically CM) <b>= Shipped Loose</b> )		ncy enhanc m fin coil d ) is AWEF/N	ed copp esign RCAN co 19A/R4(	ompliant )7A/R407
SmartVap+ with Sporlan TXV, LL KE2 Evap Efficie *KE2 Evap Efficie *KE2 Evap Efficie Aux Sideport Co CABINET FINISH Painted White Stainless Steel SENSORS FOR C Coil Temp Senso Return Air Temp DEMAND DEFRO CONTROLLER KE2 Therm Evap *KE2 Therm Evap *KE2 Therm Evap *KE2 Therm Evap *KE2 Therm Evap *KE2 Therm Evap bual Circuit ELECTRONIC CO KE2 Temp+Defr SmartVap+ Con Display	SV,T-stat incy w/Sporlan E incy w/Sporlan nnector H PC BOARDS or SENSOR ST ELECTRONI porator Efficiency aporator Efficiency NTROLLER	EEV Evaporator Disco EVAPORATOR PRI Tamper Proof Scm Export Crating COIL COATING E-Coat FIN MATERIAL Gold Coat Fins Copper Fins Insulated Drain P KE2 THERM CY CAT5e Shielded w/connectors	anect Switch ISON PACKAGE ews an Cable - 50ft sors + Transducers Kit Display	Sporlan     Dual Volt     Wired     Nitrogen     ROOM TH     Mechani     *Mechani     *Johnson     Johnson     Wire Fan     REMOTE     *230V 0     *115V 0     INSTALL     Minimur     drain lim	tage Coil 1 Charged HERMOST/ ical nical on A19ABC on A421ABC A421ABC OEGATAB OEGATAB OUTROST Control Control ATION RE n slope of	L20-23 and Sea ATS C-02C 02 PANEL QUIRE 1" per fo	OV Field aled MENTS pot on all
VOLTAGE	SYST	EM REFRIGERANT	AIR FLOW	EVAP. TEMP	BOX TE	MP	CAPACITY
115/1/60		R448A	1500 CFM	27.1 °F	35 °F		5892 BTU
		HEATER			CIRCUIT	TOTAL	
FANS		TYPE QTY	AMPS	AMPS	WATTS	MCA†	MOP‡
FANS QTY POWER	FLA/FAN	I	i I	2	120	2.3	15
FANS QTY POWER 2 0.07HP	1					- 1	
FANS           QTY         POWER           2         0.07HP           DISTRIBUTOR         3	1 3/8 in 5	SOUND -				ļ.	APPROVAL
FANS QTY POWER 2 0.07HP DISTRIBUTOR 3 SUCTION 7	1 3/8 in 5	GOUND - VEIGHT <b>70 Ib</b>	REC CAPACITY	1 ib			
FANS       QTY     POWER       2     0.07HP       DISTRIBUTOR     3       SUCTION     7       NOTES:	1 3/8 in 5 7/8 in V		REF CHARGE				
FANS QTY POWER 2 0.07HP DISTRIBUTOR 3 SUCTION 7 NOTES: † MCA Minimum 0 APPROVED BY :	1 3/8 in 5 7/8 in V Circuit Ampacity,	VEIGHT 70 Ib	REF CHARGE	1 ib	ATE :	2	

AIR CONDITIONING CANADA CORP. 159 ROY BLVD, PO BOX 2020 BRANTFORD, ON CANADA NST SYG	BLP209MA-S1D
BRANTFORD, ÓN	
	LOW PROFILE EVAPORATOR
PURCHASER :	SUBMITTED BY : Laura Craig
PROJECT : Buford Middle School SC	DATE : 11 Oct 2022
ORDER # : 06338.47502.00469-A00	ITEM # : 3
	ID # :
PURCHASER'S PO # :	TAGGING :
SELECTED OPTION E	DESCRIPTIONS
Expansion Valve - Sporlan TXV	
May be Type EBQ, S, SBF, O externally equalized thermostatic	
expansion valve. Valves are selected using the specified	
capacity and operating conditions of the refrigeration system	
as specified on the accompanying Certified Prints.	
Installation Requirements - Minimum slope of 1" per	
foot on all drain lines	
Bally recommends a minimum slope of 1" per foot on all drain	
ines.	
Installation Requirements - P-trap per evap required	
outside of box	
All evaporators must be trapped individually outside of the box	
o prevent vapor migration back to coil surface.	
Liquid Line Solenoid Valve - Sporlan	
Sporlan solenoid coil voltage matches evaporator voltage	
except when evaporator is 460V, then 230V solenoid coil is	
used. Exceptions must be clearly explained in the Notes of the	
option.	
Pre-assembled Evap - Sporlan TXV, LLSV,T-stat	
Option Package consists of factory installed Sporlan balance	
port TXV, Sporlan liquid line solenoid valve and Johnson	
Controls A19 Room thermostat.	
Room Thermostats - Mechanical	
Single stage temperature control with Single-Pole,	
Double-Throw (SPDT) mechanical switch. May be Johnson A19	
or equal, Operating range of $-30^{\circ}$ F to $+100^{\circ}$ F. Adjustable	
differential of 3°F to 12°F. Factory installed and wired.	

Approval of this drawing signifies that the equipment is acceptable under the provision of the job specifications. Any change made hereon by any person whomsoever subject to acceptance by NATIONAL REFRIGERATION at its home office.



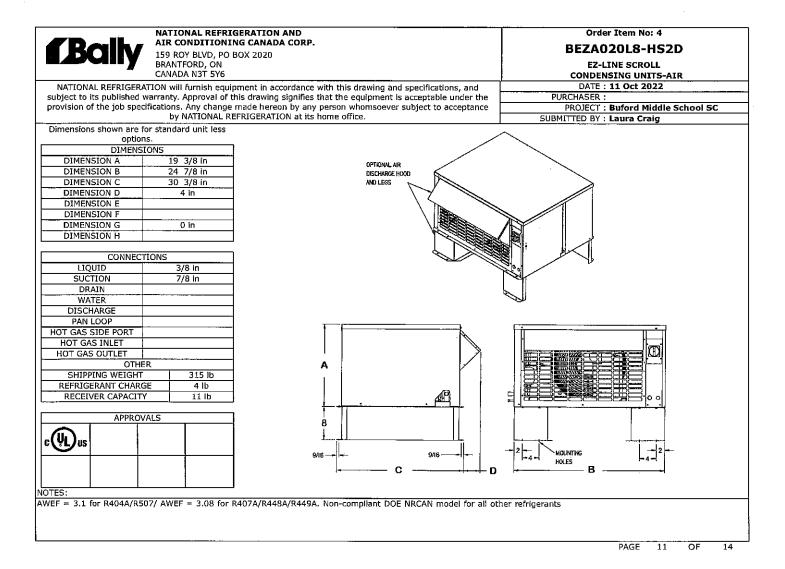
# Bally



				COOI	LING RE	QUIR	EMENTS						
Application		eral Walk-in	ı Freezer	ang ng n		L	ocation	Outd	loor W	arm	<u>Andre die gegenen in die die die die die die die die die die</u>	4846978662, P. O.C.S.	
Internal Ter		-10 ºF	Internal RH		5%		ernal Temp	)	95 of		External RH		55%
Wall Load	2,	533 BTUH	Infiltration		BTUH	P	roducts	1	196 BTUH		Miscellaneous		814 BTUH
Robert van Die verste en er operatiester	e - Sancine Procession	61%	weine State of the second composition of the second state		5%	in a fibtra - diffus		Brand - A share - Augura - Aug	5%				19%
第二章 22章 最大語修道		に動物 れる と美雄 れん	WA	LL, FL	OOR AN	D CEI	LING LO	ADS	北。				問題なる事で
Section			ruction	Thickn (in)		actor	R Value	Ext Te		Dim 1 (ft)	Dim (ft)		
Rear			andard panels	4.00		.14	28.11	99.	0	15.50	8.50	) 13	32 511
Right End	l		andard panels	4.00	0 0	.14	28.11	45.		8.30	8.50		
<b>F</b>			or		_		15.00	45.		3.00	6.50		
Front			andard panels	4.00	-	14	28.11	99.0	-	15.50	8.50		
Left End			andard panels	4.00	0 0.	.14	28.11	99.	0	8.30	8.50	) 7	1 274
Floor		On G	anels On Concrete Grade	10.0		.31	32.32			15.50	8.30		
Ceiling	l	Jrethane, Sta	andard panels	4.00		14	28.11	104.		15.50	8.30		
			VOLUME (ft <sup>3</sup> )	1,09	94		тот	AL W	ALL, F	LOOR	AND CE	ILING L	OAD 2,533
			NFILTRATION L	OAD :	ESTIMA	TED E	IY DOOR	S AND	OPEN	INGS			
Quantity		Door or Op	ening Type		Height (in)	Wic (ir		nal Temp (°F)	Externa (%		oen Time (hrs)	Curtai	ns Load (BTUH)
1		Do	or		78.00	36.	00 4	5.0	55.	0	0.18	None	640
			ΤΟΤΑ	L INF	ILTRAT	ION L	OAD EST	IMATE	D BY	DOOR	S AND (	OPENIN	GS 640
		s an ar			PRODUC	T LO/	DS					法总管理	
		Туре				ight b)	Enter (°F		-	l Temp °F)		Down Irs)	Load (BTUH)
Ge	eneral, Mi	xed Products	, Approximation		1,0	)94	0.0	0		10.0		24	196
	FOTAL P	RODUCT W	EIGHT (lbs)		1,0	94			тс	TAL P	RODUC	T LOAD	196
				MIS	CELLAN	EOUS	LOADS					n Mr Cui 20 A dhài	
Quantity			Description				Pow	/er	er Units		Run Time (hrs)		Load (BTUH)
			LIGHTING				1		W	/ft²		24	439
2			EVAPORATOR MOT	ORS			60	)		W		22	375
				_				тот	AL MI	SCELL	ANEOU	S LOAD	814
				SYST	EM DESI	GN SI	JMMARY					認定なる	
Design Load (BTUH)	Safet Facto	′    03	d Run Iime	Req	acity uired 'UH)	Refri	gerant	Line Freque (Hz	ency 🔤	Design (°F)		ne Loss (°F)	Condenser Ambient (°F)
4,184	10%	4,60		<u> </u>	136	R4	48A	60	<del>-  </del>	10		0.5	105
			SY	STEM	EQUIPM	IENT (	SELECTIO	DN 🐇					
Equipment	: Туре	Quantity	Model Nu	mber			Des	criptio	n	handed of the second	V	oltage	Rating (BTUH)
Condensing	/	1	BEZA020L8			EZ-Li	ne Scroll C	Condens	ing Un	its-Air	208-	230/1/60	6,384
Evapora	tor	1	BLP207LE	-S2D			Low Profi				208-	230/1/60	7,189
	(20) A 化合理器 (20) 不可。	- 2000 - 11 Mar 11 Mar 12 Mar 12 Mar		·清朝后,云云,秦朝	YSTEM	BALA	Sel Look Walter Contraction						
Fan L	.oad (BT	UH) .	Suction Te		F)		Evapora		(°F)		Syste	-	ity (BTUH)
			-19.	5				9				6,516	5

BOIN NATIONAL REFRIG AIR CONDITIONIN 159 ROY BLVD, PO BOX 2020					L8-HS2	2D	
159 ROY BLVD, PO BOX 2020 BRANTFORD, ON				Z-LINE S			
CANADA N3T 5Y6		CONDENSING UNITS-AIR SUBMITTED BY : Laura Craig					
PURCHASER :							
PROJECT : Buford Mide			DATE : 11	Oct 2022	2		
ORDER # : 06338.4750			M # : 4				
QUOTE # : Q10EULCA-	A		ID # :				
PURCHASER'S PO # :	MODE	FEATURES	SING :				
3/8" Tubing coil construction (reduces frigerant operating charge) Anti-short cycle time delay Adjustable pressure fan cycling control o 2 fan models only Copper tubing secured with cushion amps Crankcase heater Fan Guard	<ul> <li>Fan motors are inheritation internal overloads</li> <li>Pre-formed piping</li> <li>Receiver with fusible off valve</li> <li>Suction Service valve</li> <li>Adjustable flooded I (unless otherwise ind</li> <li>Units are shipped w charge</li> <li>Weatherproof electr compressor contactor circuit</li> </ul>	erently protected w e plug and liquid sl re nead pressure cont icated) ith Helium holding ical control box wit	• A flex nut • E • H and trol • C • O cab	djustable c hose / fi CM with S ligh efficie d aluminiu compatible	rmetic Scra low press xed high p SmartSpee ency enhar um fin coil with Low eatherproc	ure contr ressure d Techno ced copj design GWP Re	ol with control blogy per tube frigerant:
OPTION PACKAGES Small B (Good@Warm/Moderate) Small N (Better@Warm/Moderate) Small P (Best@Warm/Moderate) Small D (Good@Moderate/Cold) Small J (Better@Moderate/Cold) Small J (Better@Moderate/Cold) Small K Small H ELECTRIC DEFROST KIT DFK-02 115V Control Circuit ADJUSTABLE PRESSURE CONTROLS Johnson Dual with flex hose Separate High/Low Separate High/Low Separate High/Low Separate High/Low Separate High/Low Separate High/Low Separate High/Low Separate High/Low Separate High/Low Suction Line CAPACITY CONTROL - HOT GAS BYPASS To Inlet of Evaporator To Suction Line Compressor Circuit Breaker CONDENSING UNIT PRISON PACKAGE Tamper Proof Screws Crankcase Pressure Regulator CONTACTORS 30A Contactor 40A Contactor	MODEL OPTIONS ( DEFROST KIT (USE W/KE2 EVAP E Up to 30A per Evap 35A to 50A per Evap Discharge Air Hood Discharge Line Chee Discharge Line Chee Discharge Line Chee Discharge Line Chee Discharge Line Chee Discharge Line Chee EC FAN MOTORS + S All Motors Variable : ELECTRONIC PRESS Low Pressure Contr High Pressure Contr Export Crating EXTENDED 4-YEAR ( Copeland Extended Leg Kit COIL COATING E-Coat FIN MATERIAL Gold Coat Fins Copper Fins Hail Guard for Cond Heated and Insulate HOUSING MATERIA Stainless Steel Insulated Suction LI LIQUID LINE FILTEI Sealed Replaceable	enser ed Receiver L ine		LIQUID LII *Standard *Standard OIL SEPAR With Oil F Oversized Pump Dow QuickVac V Receiver II Single Poir Sub Coolin SUCTION F Sub Coolin SUCTION F Sealed Ty Replaceai TIME CLOC Paragon 8 *230V Pa *115V Pa	illter and Solei Pump Down Receiver n Toggle Sw /alves nlet Ball Valv tt Electrical g Circuit ACCUMULATC t Exchanger leat Exchanger leat Exchanger eat Exchanger leat Exchanger Bilt Style ragon 8145 S ragon 8145 S	noid itch re DR tyle	
	REFRIGERANT	RATING	SUCTIO	ON TEMP	AMBIENT	TEMP	CAPACI
	448A	2Hp		.5 °F	105		6516 BT
FANS	COMPR				CIRCUIT		
QTY POWER FLA/FAN	TYPE QT		LRA	AMPS	WATTS	MCAT	MOF
	ZF07KAE-PFV 1		75	14.9		18.4	
LIQUID 3/8 in SOU		REC CAPACIT		1 lb			APPROVA
SUCTION 7/8 in WEI	GHT 315 lb	REF CHARGE		4 lb			
NOTES: † MCA Minimum Circuit Ampacity, ‡ N MCA & MOP are for the condensing un AWEF = 3.1 for R404A/R507/ AWEF = other refrigerants.	10P Maximum Overcu it ONLY. Single point co	rrent Protection nnections WILL s	how differe				c(H)us
PPROVED BY :		-t-bla			DATE :		I
Approval of this drawing signifies tha made hereon by any person wh							

NATIONAL REFRIGERATION AND AIR CONDITIONING CANADA CORP.	BEZA020L8-HS2D
159 ROY BLVD, PO BOX 2020	EZ-LINE SCROLL
BRANTFORD, ÓN CANADA N3T SYG	CONDENSING UNITS-AIR
	SUBMITTED BY : Laura Craig
PROJECT : Buford Middle School SC	DATE : 11 Oct 2022
ORDER # : 06338.47502.00469-A00	ITEM # : 4
QUOTE # : Q10EULCA-A	ID # :
PURCHASER'S PO # :	TAGGING :
SELECTED OPTION DE	SCRIPTIONS
<u>Electric Defrost Kit - DFK-02</u>	
Electric Defrost Kit includes:	
Mechanical Time Clock:	
Time initiated temperature terminated with a timed failsafe.	
Contactors:	
Three pole definite purpose, 230V or 115V coil as defined by	
the control circuit voltage	
HtrCont1x 40A	
zuse Blocks:	
1x 30A (2P) Class CC	
Liquid Line Filter + Sight Glass - Sealed	
Sporlan C Series with ODF solder connections and Sporlan SA	
noisture indicator factory installed in liquid line.	
<u> Option Packages - Small B (Good@Warm/Moderate)</u>	
_LFD+SG	
	·
	· ·
Approval of this drawing signifies that the equipment is acceptable made hereon by any person whomsoever subject to acceptance	under the provision of the job specifications. Any chang



	AIR CONDITIONIN	ERATION AND G CANADA CORP.		BLP207I	E-S2D	
в	59 ROY BLVD, PO BOX 2020 RANTFORD, ON			LOW PR		
PURCH/	ANADA N3T 5Y6			EVAPOR		
	DJECT : Buford Midd	lle School SC		: 11 Oct 2022		
	ER # : 06338.4750		ITEM #			
	TE # : Q10EULCA-/	A	ID #			
PURCHASER'S	PO # :		TAGGING	j :		
<ul> <li>3/8" Tubing coil cons refrigerant operating c</li> <li>Factory installed sole harness</li> <li>Heavy gauge texture construction resists sole of spacious piping end for easy assembly</li> <li>PRE-ASSEMBLEI</li> <li>SmartVap+ with Sporlan TXV, LL</li> </ul>	charge) enoid valve wire ad aluminum cabinet ratches/corrosion compartment allows <b>D EVAP</b> h EEV + Solvlv	MODEL File • Hinged drain pan with drain connection (3/4' • Front access to space header compartments • Schrader connection • Attractive and durab polyethylene fan guard MODEL OPTIONS (* ELECTRONIC CON SmartVap+ Cont Display	th central universal " drain) clous electrical and on suction header ble high density ds * = Shipped Loose NTROLLER	Commutated • ECM with S • High efficie and aluminiu • 6 FPI • Unit Cooler with R404A/I •) LIQUID 1) Sporlan	ent Electronically Motor (ECM) SmartSpeed Technory enhanced c im fin coil design is AWEF/NRCA R507/R448A/R4 LINE SOLENO	ihnolog copper in N com 149A/I ID VA
KE2 Evap Efficie *KE2 Evap Efficie *KE2 Evap Effic *KE2 Evap Effic Aux Sideport Co CABINET FINIS Painted White Stainless Steel SENSORS FOR C Coil Temp Senso Return Air Temp DEMAND DEFRO CONTROLLER KE2 Adaptive Co *KE2 Adaptive Co	H CPC BOARDS or or Sensor DST ELECTRONIC	<ul> <li>EEV for SmartVa</li> <li>EVAPORATOR PR</li> <li>Tamper Proof Sc</li> <li>Export Crating</li> <li>COIL COATING</li> <li>E-Coat</li> <li>FIN MATERIAL</li> <li>Gold Coat Fins</li> <li>Copper Fins</li> <li>Insulated Drain I</li> <li>KE2 THERM</li> <li>*CAT5e Shielded</li> <li>w/connectors</li> <li>40' Leads on Ser</li> <li>Ethernet Adapter</li> <li>*Remote Combo</li> </ul>	np+ RISON PACKAGE rrews Pan I Cable - 50ft nsors + Transducers r Kit	ROOM TI Mechan *Mechan *Johnso Johnsor Wire Far REMOTE *230V 0 *115V 0 INSTALL I Minimu drain lir P-trap p box I Insulate 20W/ft	inical on A19ABC on A421ABC-02 n A421ABC-02 n Guards DEFROST PAN Control Control ATION REQUI m slope of 1" pe	2C NEL IREMI er foo ed out
VOLTAGE <b>208-230/1/60</b> FANS	R	REFRIGERANT 448A HEATER	AIR FLOW 1500 CFM RS	EVAP. TEMP - <b>19 °F</b>	BOX TEMP -10 °F CIRCUIT TOT/	65
208-230/1/60	R		1500 CFM RS		-10 °F CIRCUIT TOT	65
208-230/1/60 FANS	RA FLA/FAN 0.6	448A HEATEF TYPE QTY	1500 CFM RS AMPS	-19 °F	-10 °F CIRCUIT TOTA WATTS MC 120 1	65 AL CA†
208-230/1/60 FANS QTY POWER 2 0.07HP	R FLA/FAN 0.6	448A HEATER TYPE QTY DEFROST HTRS	1500 CFM RS AMPS 8.2	-19 °F AMPS	-10 °F CIRCUIT TOTA WATTS MC 120 1	CA† 4 0.3
208-230/1/60         FANS           QTY         POWER           2         0.07HP           DISTRIBUTOR         3	R           FLA/FAN           0.6           I           3/8 in	448A HEATER TYPE QTY DEFROST HTRS ND -	1500 CFM           RS           AMPS           8.2           REC CAPACITY	-19 °F AMPS 1.2	-10 °F CIRCUIT TOTA WATTS MC 120 1	65 AL CA† .4 0.3
208-230/1/60         FANS           QTY         POWER           2         0.07HP           DISTRIBUTOR         SUCTION           SUCTION         SUCTION	R.           FLA/FAN           0.6           I           3/8 in           SOU           7/8 in	448A HEATER TYPE QTY DEFROST HTRS ND -	1500 CFM       RS       AMPS       8.2       REC CAPACITY       REF CHARGE	-19 °F AMPS	-10 °F CIRCUIT TOTA WATTS MC 120 1	65 AL CA†

NATIONAL REFRIGERATION AND AIR CONDITIONING CANADA CORP.	BLP207LE-S2D
AIR CONDITIONING CANADA CORP. 159 ROY BLVD, PO BOX 2020 BRANTFORD, ON CANADA N3T SY6	LOW PROFILE EVAPORATOR
PURCHASER :	SUBMITTED BY : Laura Craig
PROJECT : Buford Middle School SC	DATE : 11 Oct 2022
ORDER # : 06338.47502.00469-A00	ITEM # : 5
QUOTE # : Q10EULCA-A	ID # :
PURCHASER'S PO # :	TAGGING :

#### SELECTED OPTION DESCRIPTIONS

#### **Expansion Valve - Sporlan TXV**

May be Type EBQ, S, SBF, O externally equalized thermostatic expansion valve. Valves are selected using the specified capacity and operating conditions of the refrigeration system as specified on the accompanying Certified Prints.

#### Installation Requirements - Insulated drain line requires heat - 20W/ft

Freezer condensate drain lines must be insulated and heated with a minimum of 20 watts per foot.

#### Installation Requirements - Minimum slope of 1" per foot on all drain lines

Bally recommends a minimum slope of 1" per foot on all drain lines.

#### Installation Requirements - P-trap per evap required

#### <u>outside of box</u>

All evaporators must be trapped individually outside of the box to prevent vapor migration back to coil surface.

#### Liquid Line Solenoid Valve - Sporlan

Sporlan solenoid coil voltage matches evaporator voltage except when evaporator is 460V, then 230V solenoid coil is used. Exceptions must be clearly explained in the Notes of the option.

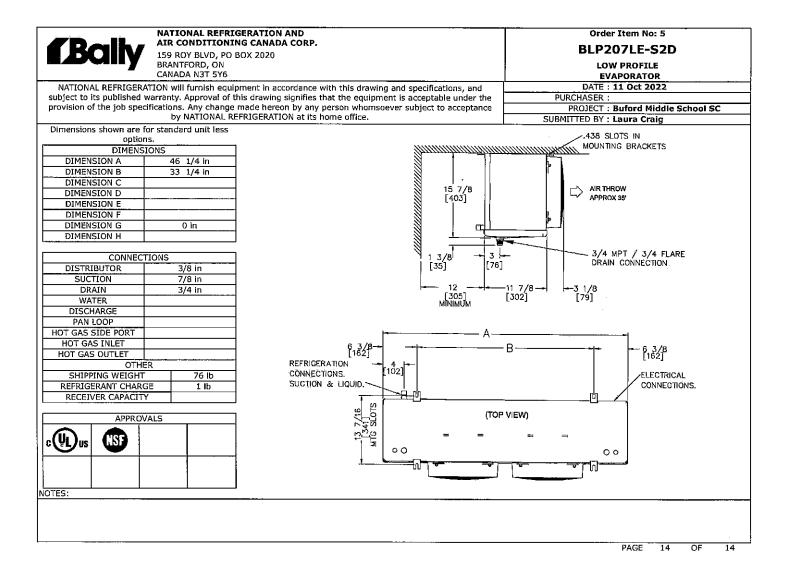
#### Pre-assembled Evap - Sporlan TXV, LLSV,T-stat

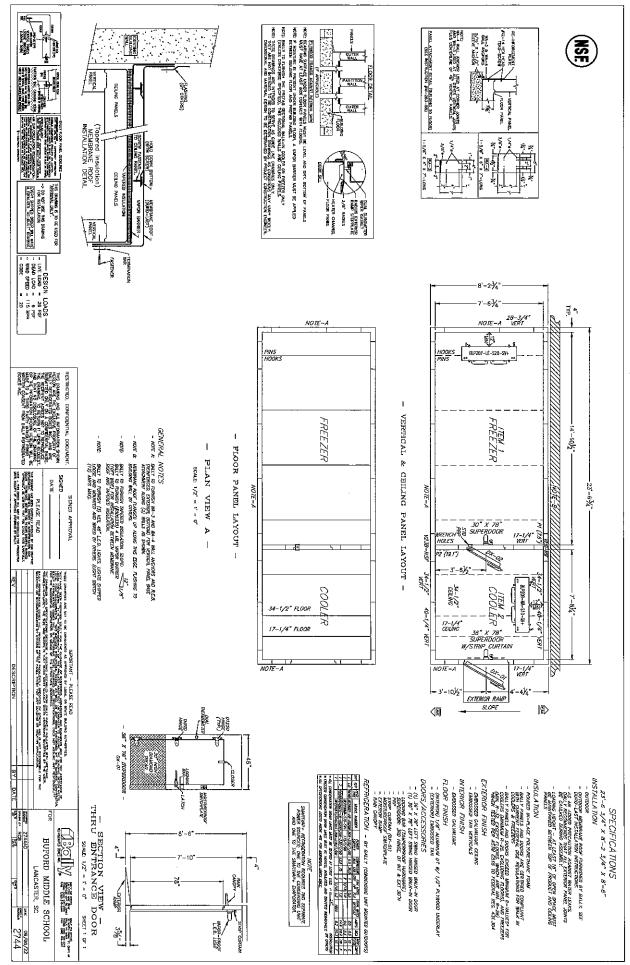
Option Package consists of factory installed Sporlan balance port TXV, Sporlan liquid line solenoid valve and Johnson Controls A19 Room thermostat.

#### **Room Thermostats - Mechanical**

Single stage temperature control with Single-Pole, Double-Throw (SPDT) mechanical switch. May be Johnson A19 or equal, Operating range of -30°F to +100°F. Adjustable differential of 3°F to 12°F. Factory installed and wired.

Approval of this drawing signifies that the equipment is acceptable under the provision of the job specifications. Any change made hereon by any person whomsoever subject to acceptance by NATIONAL REFRIGERATION at its home office.





Attachment A-2

#### Attachment A-3



Specifications

09/16/2022

### SWANSON-GIRARD

CULINARY SOLUTIONS
Project From
Buford Middle- Lancaster County Swanson-Girard & Assoc.
School Becky Jersey

From Swanson-Girard & Assoc. Becky Jersey 10420 Southern Loop Blvd. Pineville, NC 28134 (704)521-8811 (888)521-0778 0000 (Contact) (704)521-8801 (Fax) bjersey@swanson-girard.com

The following discounts have been applied to this quotation. No additional discounts can be taken off the net price shown.

To ensure all discounts are applied correctly when ordering please send **ALL ORDERS** to Swanson-Girard. Email: <u>orders@swanson-girard.com</u> or Fax: 704-521-8801

### For Tracking information please either reach out to SGA office or Autoquotes Order Status.

#### ITEM Cooler - SHELVING, WITH METAL FRAME (4 REQ'D)

#### Metro Model PR2442NK3 Dimensions: 42(w) x 24(d)

Super Erecta Pro<sup>™</sup> Shelf, 42"W x 24"D, removable polymer shelf mat, Metroseal 3<sup>™</sup> epoxy-coated frame, builtin Microban product protection, split sleeves, attaches to Super Erecta® round posts, NSF

- 4 ea Model PR2448NK3 Super Erecta Pro<sup>™</sup> Shelf, 48"W x 24"D, removable polymer shelf mat, Metroseal 3<sup>™</sup> epoxy-coated frame, built-in Microban product protection, split sleeves, attaches to Super Erecta<sup>®</sup> round posts, NSF
- 4 ea Model PR2454NK3 Super Erecta Pro<sup>™</sup> Shelf, 54"W x 24"D, removable polymer shelf mat, Metroseal 3<sup>™</sup> epoxy-coated frame, built-in Microban product protection, split sleeves, attaches to Super Erecta<sup>®</sup> round posts, NSF
- 12 ea Model 74PK3 Super Erecta<sup>®</sup> SiteSelect<sup>™</sup> Post, 74-1/2"H, adjustable leveling bolt, posts are grooved at 1" increments & numbered at 2" increments, double grooved every 8", Metroseal 3 Green epoxy coated corrosion-resistant finish with Microban<sup>®</sup> antimicrobial protection
- 1 ea Model HP2236PD Metro Bow-Tie<sup>™</sup> Dunnage Rack, 22" x 36" x 12"H, slotted, with separate polymer tie for joining racks, corrosion proof polymer construction, NSF

#### ITEM Freezer - SHELVING, WITH METAL FRAME (16 REQ'D)

#### Metro Model PR2460NK3 Dimensions: 60(w) x 24(d)

Super Erecta Pro<sup>™</sup> Shelf, 60"W x 24"D, removable polymer shelf mat, Metroseal 3<sup>™</sup> epoxy-coated frame, builtin Microban product protection, split sleeves, attaches to Super Erecta<sup>®</sup> round posts, NSF

- 8 ea Model PR2454NK3 Super Erecta Pro<sup>™</sup> Shelf, 54"W x 24"D, removable polymer shelf mat, Metroseal 3<sup>™</sup> epoxy-coated frame, built-in Microban product protection, split sleeves, attaches to Super Erecta<sup>®</sup> round posts, NSF
- 24 ea Model 74PK3 Super Erecta<sup>®</sup> SiteSelect<sup>™</sup> Post, 74-1/2"H, adjustable leveling bolt, posts are grooved at 1" increments & numbered at 2" increments, double grooved every 8", Metroseal



#### **Buford Middle- Lancaster County**

3 Green epoxy coated corrosion-resistant finish with Microban® antimicrobial protection

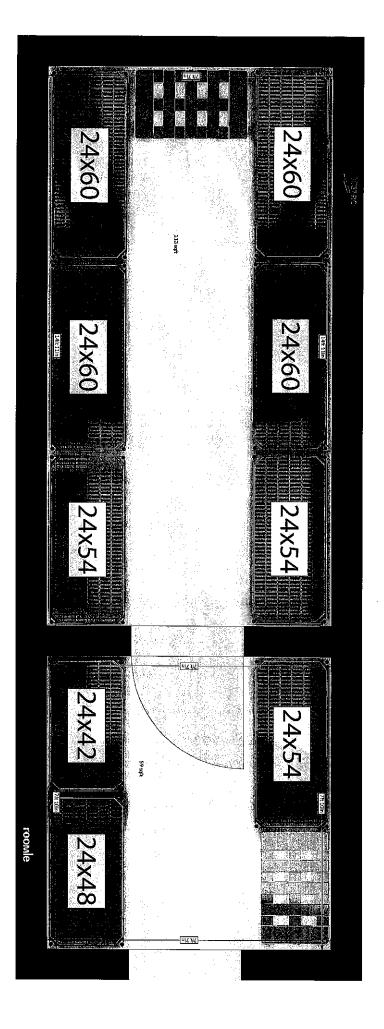
1 ea Model HP2236PD Metro Bow-Tie<sup>™</sup> Dunnage Rack, 22" x 36" x 12"H, slotted, with separate polymer tie for joining racks, corrosion proof polymer construction, NSF

This quotation is based on our understanding of the information provided to us. While we make every effort to ensure that the quote is correct, **IT IS ULTIMATELY THE CUSTOMER'S RESPONSBILITY TO CHECK THE QUOTE FOR ERRORS.** We are not responsible for this quotation meeting your requirements based on incorrect information. Please check our quotation carefully. Anything not listed will not be furnished. **All items are quoted as each unless otherwise shown.** 

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Attachment A-4



		Attachment B-1
Bo	<b>W</b> <sup>®</sup> Bally R Morehe	efrigerated Boxes, Inc. ad City, NC 28557 (800) 242-2559
	-	Quote No: 2760-002-R03-LC Item No:
Last Update: Revisor: To: All Bidd , , Attn:	10/12/2022 Laura Craig Jers	Job Name:Clinton Elementary School Lancaster SCDate:10/12/2022PVD:10/3/2022From:Laura CraigSwanson-Girard & Associates10420 Southern Loop BlvdPineville, NC 28134
		<i>Phone: Fax:</i> (704)521-8801
ox Shape	<u>Indoor Structure</u> Bally Prefabricated Exte	X
2	7'-9"(l) x 6'-9½"(w 1 Compartments 1 Ceiling: Single Span	Tiers With Floor 4" Floor
	Panel Thickness:	J Lload (7' 10") with 4 in Floor 4 in Coiling
	4 III, Exterior vertica	al Used (7'-10") with 4 in. Floor, 4 in. Ceiling Details on Following Page(s)
	shown is an estimate based on cu ad changes continuously.	rrent published rates. A fuel surcharge Walk-in Price: Refrigeration Price: Total Price (FOB Plant) (Less Refrig.Warranties):
		<b>Estimated Freight:</b> <b>Optional Warranties:</b> (not included in Total Price)
		(1) 02 HP System (5 yr. Parts, 1 yr. Labor)
	Payment ter	ms and conditions are available upon request.
or may not have b reviewing this que	s based on information supplied to t een complete. Customer is responsi- tation for exclusions, deviations, an tion supplied to us.	ble for Signature:
	We are not responsible for the sole	ction or recommendation of the panel finish for any building or walk-in application.
		ing Bally standard specifications, sizes, and finishes.
	<u>_</u>	

Bally	Bally Refrigerated Boxes Morehead City, NC 2855	
Last Update: 10/12/2022 Revisor: Laura Craig To: All Bidders , Attn:	Quote No: Item No: Job Name: Date: From:	2760-002-R03-LC Clinton Elementary School Lancaster SC 10/12/2022 <b>PVD:</b> 10/3/2022 Laura Craig Swanson-Girard & Associates 10420 Southern Loop Blvd
	Phone:	Pineville, NC 28134 Fax: (704)521-8801

#### Indoor Structure

#### **NSF APPROVED**

**Bally Prefabricated Exterior Dimensions:** 

7'-9"(l) x 6'-9½"(w) x 8'-6"(h)

1 Compartments 1 Tiers With Floor 4" Floor

Ceiling: Single Span

#### Panel Thickness:

4 in. Exterior Vertical Used (7'-10") with 4 in. Floor, 4 in. Ceiling

Details and specifications for Quote No:

2760-002-R03-LC

#### Base Finish

Comments:

Vertical and Ceiling Panels: Embossed Galvalume (26 GA)

#### Special Finishes:

Interior Floor - Aluminum Treadplate .125" Thick

#### Doors/Openings:

Wall 1 Door 1 Wall 1 Door 1	(1) 36" x 78" Hinged Door In a 46" (1) 57 1/2" Door Section
Wall 1 Door 1	(1) Bally Standard Pressure Relief Port (< 400 sq/ft)
Wall 1 Door 1	(1) Ext.Alum Diam/Tread Ramp (30-36" Door)
Wall 1 Door 1 Wall 1 Door 1	<ol> <li>(1) Strip Curtain (36" Door and Under)</li> <li>(1) Super Door 36" Wide and Under, 30" High</li> </ol>

Accessories and Extras:

(1) 48" LED KEIL 48x754-CL-N Light - 40° F to 100° F(Range)

Floor Options:

(56) S/F 1/2" Plywood Foamed in Panel

**Refrigeration:** 

 (1) BEZA 020 L8 HT3D (208-230/3/60) w/ smart speed Includes defrost contactor for 1 Evap.
 (1) BLP207LE-S2D 208-230/1/60 2 Fan 7160 BTU/h
 (1) Refrigeration is calculated for standard use at a box temperature of -10° F. with a condensing unit ambient of 105° F.

#### **Estimated Shipping:**

Weight: 2,320.70

Destination: Lancaster, SC, 29720

	Da		<b>Bally Refrigerated Boxes</b>	s, Inc.
	DQ		Morehead City, NC 2855	57 (800) 242-2559
			Quote No:	2760-002-R03-LC
Last L	pdate:	10/12/2022	Item No:	
Reviso	-	Laura Craig	Job Name:	Clinton Elementary School Lancaster SC
To:	All Bidde	0	Date:	10/12/2022 <b>PVD:</b> 10/3/2022
10.			From:	Laura Craig
				Swanson-Girard & Associates
	•			10420 Southern Loop Blvd
	Attn:			Pineville, NC 28134
			Phone:	Fax: (704)521-8801

#### Deviations (Alternates, Remarks, Clarifications, Etc.):

Quoting Bally Standard Pre-assembled Remote Refrigeration.

Bally Floor Panels are capable of supporting up to 800 lbs. Per Sq/Ft uniformly distributed stationary loading. Bally does not recommend the use rolling loads of heavy carts, pallet jacks or fork lifts on top of the floors. Warranty for floors subjected to this type of use would not be covered by Bally.

#### **Exclusions (Items Not Supplied by Bally):**

☑ Shelving, Racks, Interior Accessories	☑ Caulking and Sealants
Labor on Warranties	Refrigeration Systems
☑ Alarm Systems	☑ Refrigeration Accessories
☑ Supervision	Closure Panel and Trim
☑ Tubing, Wiring for Rfg. Equipment	☑ Sleeves, Penetrations, Escutcheon Plates
☑ Compressor Rack	Floor Insulation and Vapor Barrier

Cancelled Orders: Cancelled unshipped standard walk-ins will be charged a 30% restocking fee plus the cost of special panels. Cancelled refrigeration systems will be charged a 30% restocking fee and the cost of any freight accrued. Buy-out items will be charged a 25% restocking fee plus any freight accrued.

Agency Ratings: Bally units comply or surpass applicable Flame Spread-25, UL, UL 723, & NSF standards in a manner conforming to ASTM E-84, and Factory Mutual standards.

Quotation Limitations: This quotation was based upon the specifications given to Bally which may possibly be incomplete. Bally is not responsible for items missing from the quotation due to incomplete or excluded items in the specifications received from the customer. The customer is responsible for reviewing the quotation for omissions or deviations from the specifications given to Bally. All portions of the quotation are subject to revision upon receipt of detailed specifications or if changes are made following the delivery of the original quotation. Quotations expire on the date indicated on Page1 of the Quote. Approval drawings must be returned within 60 days of receipt of the purchase order. The order must ship within the agreed upon time frames or current lead times, but no later than 7 months. Any deviations to this quotation (dimensions or specification changes) will require updated pricing.

Panel Construction: Bally Panels are manufactured with environmentally friendly HFC 245-FA polyurethane foam. This polyurethane foam offers the highest thermal insulation value and the most energy efficiency per cubic inch in comparison to similar foams. It has a zero Ozone Depletion Potential (ODP) and a low Global Warming Potential (GWP). It is not considered a Volatile Organic Compound (VOC) in the US. Standard 4" Bally panels meet the 2009 Federal Energy Standards.

Refrigerants: Unless otherwise specified, refrigeration systems are quoted with environmentally friendly HFO R448A refrigerant. It has a Low Global Warming Potential (GWP) and the EPA lists it as an acceptable substitute for R404A and other high GWP refrigerants.

Automatic Door Closers: Bally includes automatic door closers and spring loaded hinges on all doors 42" wide and smaller as a standard feature with no additional charge that meet the 2009 Federal Energy Standards.

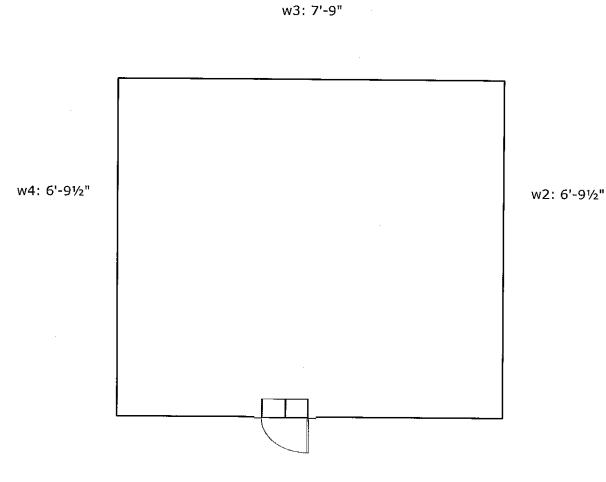
Motors: Bally units are quoted with EC and PSC motors in compliance with federal energy standards, for increased energy savings.

Lighting: Bally units are quoted with lighting in compliance with federal Energy Standards for increased energy savings.

**Optional Features:** Bally offers additional optional energy-saving features such as Walk-In Alarm & Light Management systems that comply or surpass the 2009 Federal energy regulations.

Ba		Bally Refrigerated Boxes Morehead City, NC 2855	,
Last Undatas	10/12/2022	Quote No: Item No:	2760-002-R03-LC
Last Update: Revisor: To: All Bidd	10/12/2022 Laura Craig lers	Job Name: Date: From:	Clinton Elementary School Lancaster SC 10/12/2022 <b>PVD:</b> 10/3/2022 Laura Craig Swanson-Girard & Associates 10420 Southern Loop Blvd
Attn:		Phone:	Pineville, NC 28134

This drawing is for reference purposes only and it not intended to be a formal scale model.



w1: 7'-9"

DOOR 1: Wall1 36" x 78" Hinged Door In a 46" Centered Hinge:Right Orientaion:Regular

#### **Clinton Elementary School Freezer INDOOR LOAD CALCULATION**

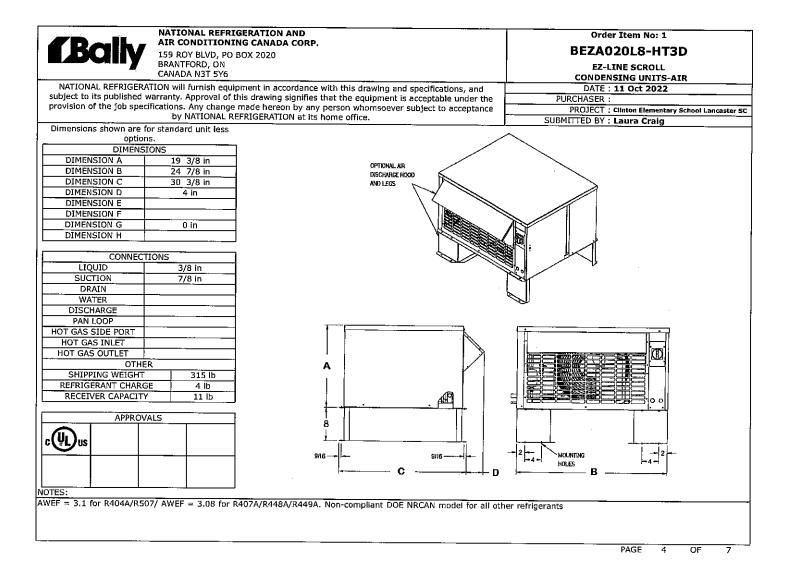
# Bally



Application	General Walk-	Walk-in Freezer Location Indoor											
Internal Temp		Internal RH	95%	) E)	ternal Te		85 9	F	Exter	nal RH	55	%	
Wall Load	1,320 BTUH	Infiltration	1,830 B	TUH	Product	s	82 BT	ÜΗ	Miscel	laneous	559	BTUH	
	35%		48%	,			2%	1				15%	
		WA	LL, FLOO	R AND C	EILING	LOA	DS	경험 문서 전 여행 전 전 전		務定金 国际管理		日本部に含む	
Section	Cons	truction	Thickness (in)	<sup>s</sup> K Facto	r R Val	lue	Ext Temp (°F)	Dim 1 (ft)			rea t²) (	Load (BTUH)	
Rear	1	tandard panels	4.000	0.14	28.5		85.0	7.80			66	220	
Right End	· · · · ·	tandard panels	4.000	0.14	28.5		85.0	6.90			39	130	
		boor			15.0		85.0	3.00			20	123	
Front		tandard panels	4.000	0.14	28.5		85.0	7.80			56	220	
Left End		tandard panels Panels On Concrete	4.000	0.14	28.5	2	85.0	6.90	8.	50	59	195	
Floor	On	Grade	10.000		32.3			7.80			54	252	
Ceiling	Urethane, S	tandard panels	4.000	0.14	28.5		85.0	7.80			54	179	
		VOLUME (ft <sup>3</sup> )	457		-	тот/	AL WALL,	FLOOR	AND	EILING	OAD	1,320	
		<b>INFILTRATION L</b>	OAD : ES	TIMATEC	BY DO	ORS	AND OPE	ININGS					
Quantity	Door or O	pening Type			/idth (in)			rnal Rh ( %)	Open Tir (hrs)	<sup>ne</sup> Curta	nel	Load BTUH)	
1		)oor	78	3.00 3	6.00	85	5.0 5	5.0	0.18	Non	9	1,830	
		TOT	AL INFIL	TRATION	LOAD	ESTI	MATED B	Y DOOI	RS ANE	O OPENIN	IGS :	L,830	
		ing the second	PR	ODUCT L	All the second s								
	Туре			Weight (ib)	b) (°F) (°F)		· (hrs)		(B1	Load (BTUH)			
Gen	eral, Mixed Produc	ts, Approximation		457			24			82			
тс	TAL PRODUCT	• • •		457			•	TOTAL	PRODU	JCT LOAD		32	
			MISCE	LLANEOU	IS LOAC	S					開始。 小児 小児 小児	이상 중 대화하다	
Quantity		Description	1			Pow	er	Units	Ri	un Time (hrs)	-	oad FUH)	
		LIGHTING				1 W.		W/ft <sup>2</sup>	2 24		· ·	.84	
2		EVAPORATOR MO	TORS			60		W		22	3	875	
							TOTAL I	ISCEL	LANEC	US LOAD	5	59	
			SYSTEM	DESIGN	SUMMA	RY							
Design Load (BTUH)	Safety Lo	fety Run Time (Hours)	Canac	ity red Ref	rigeran	ala e veziado	Line Frequency (Hz)	, Desig		Line Los (°F)	<sup>S</sup> An	dense nbient (°F)	
3,791	<u> </u>	170 18	5,56		R448A		60	1	0	0.5		105	
				QUIPMEN	T SELEC	стіо	)N						
Equipment	Type Quantit	y Model N	umber			Desc	cription			Voltage		ating TUH)	
Condensing		BEZA020L		EZ			Condensing			08-230/3/6			
Evaporato	r 1	BLP207L	E-S2D	Costle form (1) - 2 - 1 - 2	Low	Profile	e, Evaporat	or	2	08-230/1/6	<u>D</u>	AL SHOP I NOT I	
		가 있는 것도 이 바람이다. 지 이 이 아파리가 제공하는 것 지 이 이 아파리가 제공하는 것	SY	STEM BAI	ANCE				2014년 1월 1937년 1월 1937년 1월 19 1937년 1월 1937년 1월 19 1937년 1월 1937년 1월 193	an a			
Fan Lo	ad (BTUH)	Suction T	emp (°F)		Evap	porat	tor TD (°F	)	Sys	tem Capa	city (B	ruh)	
		-19					9			6,5			

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2Hp           RLA         I           8.6         I           C CAPACITY         I	-19.5 ° _RA AM 58 9 11 lt	F IPS .6	105 CIRCUIT	PF   TOTAL MCA† 11.8	6516 BT MOF 20 APPROVA
2Hp           RLA         I           8.6         I           C CAPACITY         I	-19.5 ° _RA AM 58 9 11 lt	F IPS .6	105 CIRCUIT	PF TOTAL MCA <sup>†</sup>	6516 BT MOF 20
2Hp RLA	-19.5 ° _RA AM	F IPS	105 CIRCUIT	P <b>F</b> TOTAL MCA†	6516 BT
2Hp	-19.5 °	F	105 CIRCUIT	P <b>F</b> TOTAL	6516 BT
2Hp			105 9	PF	
COLOR.					
-					
HT GLASS					
ver	Win	d Guard	I Ū	•	
	*2	30V Par	agon 8145 St		
	- Re	placeabl	le Core		
	ຼຼິຣບດ	TION FI			
SSOR WARRAN	<b>TY</b> 🔲 W	QuickVac Valves Receiver Inlet Ball Valve Single Point Electrical Sub Cooling Circuit SUCTION ACCUMULATOR With Heat Exchanger			
	Sub SUC				
NTROL	Sing				
230V Units	Quic				
Non-Fused 6-Le					
	РНА	SE / VC		ITOR	
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	01Г	SEPAR/	ATOR	noid	
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Ĵ.	cabinet				
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	<ul> <li>Adjus</li> </ul>	stable	low pressu	ire contr	ol with
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TAGGI					
		2022	2		
SUBMITTED			UNITS A	<u> </u>	
				тр	
	DA ITEM ID TAGGII RES protected with essure contro um holding trol box with sed control hipped Loos se Sensor DNTROLLER 30V Units ITROL	EZ-L CONDEN SUBMITTED BY : Laura ( DATE : 11 Oct ITEM # : 1 ID # : TAGGING : IRES protected with and liquid shut essure control um holding trol box with sed control hipped Loose ) ECM Adjus flex ho Outdo cabinet UTEN Sensor DNTROLLER 30V Units TROL SSOR WARRANTY Ver	EZ-LINE S         SUBMITTED BY :         DATE :         ID # :         TAGGING :         IRES         portected with         and liquid shut         essure control         um holding         trol box with         sed control         hipped Loose )         E Sensor         DNTROLLER         30V Units         TACL         SSOR WARRANTY         Ver	EZ-LINE SCROLL CONDENSING UNITS-A:         SUBMITTED BY :         DATE :         ITEM # :         ID # :         TAGGING :         IRES         protected with and liquid shut         essure control um holding trol box with sed control         hipped Loose )         Liquid Line Lock-Out Re LiQUID LINE SOLENOIT *Standard 115V Coil *Standard 115V Coil *Sta	CONDENSING UNITS-AIR         SUBMITTED BY :       Laura Craig         DATE :       11 Oct 2022         ITEM # :       1         ID # :       TAGGING :         IRES       • Welded hermetic Scroll compressure control         and liquid shut       • Welded hermetic Scroll compressure control         and liquid shut       • Welded hermetic Scroll compressure control         and aluminium fin coil design       • Compatible with Scroll design         and aluminium fin coil design       • Compatible with Low GWP Re         • Outdoor weatherproof pre-paicabinet       • Outdoor weatherproof pre-paicabinet         hipped Loose )       Liquid Line Lock-Out Relay         LIQUID LINE SOLENOID VALVE       • Standard 115V Coil         OIL SEPARATOR       With Oil Filter and Solenoid         One Time Pump Down       Oversized Receiver         PHASE / VOLTAGE MONITOR       3-Lead         6-Lead (MotorSaver455)       Pump Down Togle Switch         Oukdvac Valves       Single Point Electrical         Sub Cooling Circuit       Sub Cooling Circuit         Standard Tipe       Sealed Type         Receiver Inlet Ball Valve       Single Point Electrical         Sub Cooling Circuit       Sub Cooling Circuit         Sub Cooling Circuit <t< td=""></t<>

ATIONAL REFRIGERATION AND AIR CONDITIONING CANADA CORP.	BEZA020L8-HT3D
AIR CONDITIONING CANADA CORP. 159 ROY BLVD, PO BOX 2020 BRANTFORD, ON	EZ-LINE SCROLL
CANADA N3T 5Y6	CONDENSING UNITS-AIR
PURCHASER :	SUBMITTED BY : Laura Craig
PROJECT : Clinton Elementary School Lancaster SC ORDER # : 06339.41918.00469-A00	DATE : <b>11 Oct 2022</b> ITEM # : <b>1</b>
QUOTE # : Q11EULCB	ID # :
PURCHASER'S PO # :	TAGGING :
SELECTED OPTION	DESCRIPTIONS
<u>Electric Defrost Kit - DFK-02</u>	
ectric Defrost Kit includes:	
echanical Time Clock:	
me initiated temperature terminated with a timed failsafe.	
ontactors:	
nree pole definite purpose, 230V or 115V coil as defined by	
e control circuit voltage	
trCont1x 40A	
ise Blocks:	
< 30A (2P) Class CC Liquid Line Filter + Sight Class - Seeled	
Liquid Line Filter + Sight Glass - Sealed	
porlan C Series with ODF solder connections and Sporlan SA	
oisture indicator factory installed in liquid line.	
Option Packages - Small B (Good@Warm/Moderate)	
FD+SG	
Approval of this drawing signifies that the equipment is accepta	



	BCIVY NATIONAL REFRIGERATION AND AIR CONDITIONING CANADA CORP. 159 ROY BLVD, PO BOX 2020					BLP20	7LE-S2D			
BR	9 ROY BLVD, PO BOX ANTFORD, ON NADA N3T 5Y6						PROFILE ORATOR			
PURCHA				SUBMIT	ted by	: Laura Cra	nig			
	ECT : Clinton Ele					: 11 Oct 20	)22			
	R # : 06339.4		69-A00		ITEM #					
PURCHASER'S F	TE # : Q11EUL	СВ		ТА	ID # GGING					
PURCHASER S P	0#.		MODEL	FEATURES	GOINC					
<ul> <li>3/8" Tubing coil const refrigerant operating ch Factory installed soler harness</li> <li>Heavy gauge textured construction resists scr.</li> <li>Spacious piping end c for easy assembly</li> <li>PRE-ASSEMBLED SmartVap+ with</li> <li>Sporlan TXV, LLS KE2 Evap Efficie</li> <li>*KE2 Adaptive Control Content</li> </ul>	arge) noid valve wire d aluminum cabin atches/corrosion compartment allo every the solviv SV,T-stat necy w/Sporlan ency w/Sporlan ency w/Sporlan ency w/Sporlan ency w/Sporlan ency w/Sporlan solvitan ency w/Sporlan solvitan sensor ST ELECTRON ontrol control control control	drai • Fr hea • Sc • At poly MOI TXV EEV TXV EEV I I I I I I I I I I I I I	inged drain pan in connection (3, ont access to sp der compartmer chrader connecti tractive and dur vethylene fan gu DEL OPTIONS ( ELECTRONIC C SmartVap+ Cc Display EXPANSION V/ Sporlan TXV Sporlan TXV Sporlan TXV Sporlan TXV Sporlan EV EEV for Smart' EVAPORATOR EXPORATOR E-Coat FIN MATERIAL Gold Coat Fins Copper Fins Insulated Drai KE2 THERM *CAT5E Shield w/connectors	with central un (4" drain) acious electrica its on on suction h able high dens ards (* = Shipped ONTROLLER ONTRO	AGE	Commutat • ECM witt • High effi and alumii • 6 FPI • Unit Cooc with R404 ) LIQUI 1 Spor Dual N Wired Nitrog ROOM 1 Mect * Mect * Joh John Wire I REMO * 230 * 115 INST/ 1 Minin drair 1 P-tra 5 box	Voltage Coil gen Charged THERMOST hanical chanical inson A19ABC inson A421ABC Fan Guards TE DEFROST DV Control SV Control SV Control ALLATION RI mum slope of h lines ap per evap re- lated drain lin	M) I Techno ced copp lesign IRCAN cd A/R449/ ENOID 120-23 and Se ATS C-02C -02 PANEL EQUIRE 1" per fe	MENT outside	eld FS n all e of
	FLA/FAN 0.6 8/8 in		HEA	AIR FLOV 1500 CF TERS TY AMPS 8.2 REC CAPA REF CHAF		EVAP. TEMP -19 °F AMPS 1.2 1.2	CIRCUIT	PF TOTAL MCA† 1.4 10.3	APPRO	BTUH 10P‡ 15 15 DVALS
NOTES:	,511		,015			1.10	I	,	e (M) us	<b>HSF</b>
† MCA Minimum (							DATE :			
Approval of this o made hereo			quipment is acce ver subject to ac							ge 7

NATIONAL REFRIGERATION AND AIR CONDITIONING CANADA CORP.	BLP207LE-S2D
159 ROY BLVD, PO BOX 2020	
BRANTFORD, ÓN CANADA N3T 5Y6	EVAPORATOR
PURCHASER :	SUBMITTED BY : Laura Craig
PROJECT : Clinton Elementary School Lancaster SC	DATE : <b>11 Oct 2022</b>
ORDER # : 06339.41918.00469-A00	ITEM # : 2
QUOTE # : Q11EULCB	<u>ID # :</u>
PURCHASER'S PO # :	TAGGING :
SELECTED OPTION DE	SCRIPTIONS
<u> Expansion Valve - Sporian TXV</u>	
May be Type EBQ, S, SBF, O externally equalized thermostatic	
expansion valve. Valves are selected using the specified	
capacity and operating conditions of the refrigeration system	
as specified on the accompanying Certified Prints.	
Installation Requirements - Insulated drain line	
<u>requires heat - 20W/ft</u>	
Freezer condensate drain lines must be insulated and heated	
with a minimum of 20 watts per foot.	
Installation Requirements - Minimum slope of 1" per	
foot on all drain lines	
Bally recommends a minimum slope of 1" per foot on all drain	
lines.	
Installation Requirements - P-trap per evap required	
outside of box	
All evaporators must be trapped individually outside of the box	
to prevent vapor migration back to coil surface.	
Liquid Line Solenoid Valve - Sporlan	
Sporlan solenoid coil voltage matches evaporator voltage	
except when evaporator is 460V, then 230V solenoid coil is	
used. Exceptions must be clearly explained in the Notes of the	
option.	

#### Pre-assembled Evap - Sporlan TXV, LLSV,T-stat

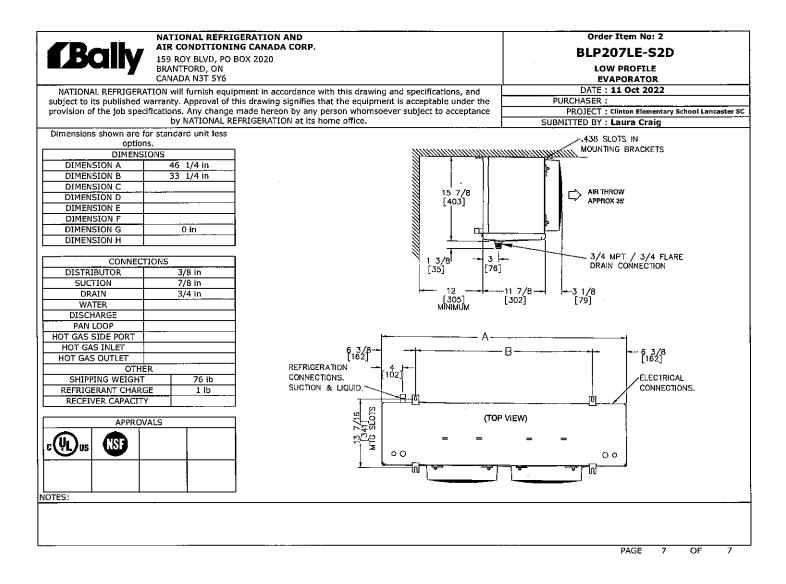
Option Package consists of factory installed Sporlan balance port TXV, Sporlan liquid line solenoid valve and Johnson Controls A19 Room thermostat.

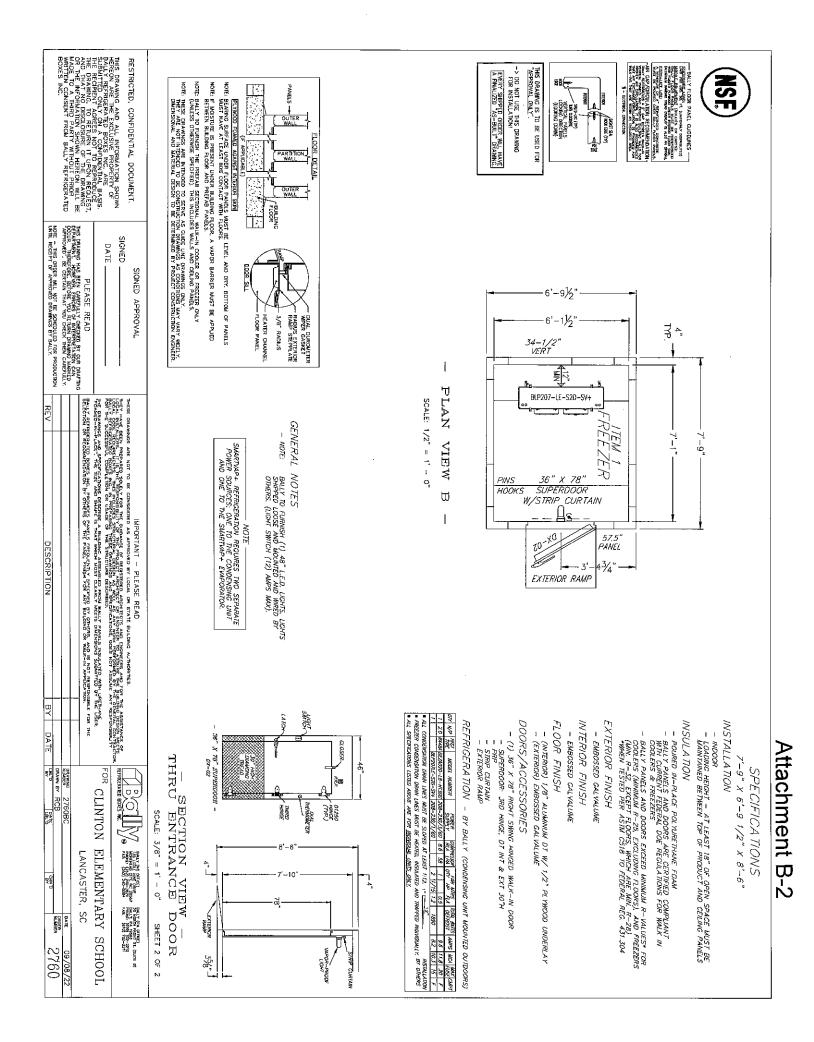
#### Room Thermostats - Mechanical

Single stage temperature control with Single-Pole, Double-Throw (SPDT) mechanical switch. May be Johnson A19 or equal, Operating range of -30°F to +100°F. Adjustable differential of 3°F to 12°F. Factory installed and wired.

Approval of this drawing signifies that the equipment is acceptable under the provision of the job specifications. Any change made hereon by any person whomsoever subject to acceptance by NATIONAL REFRIGERATION at its home office.

7

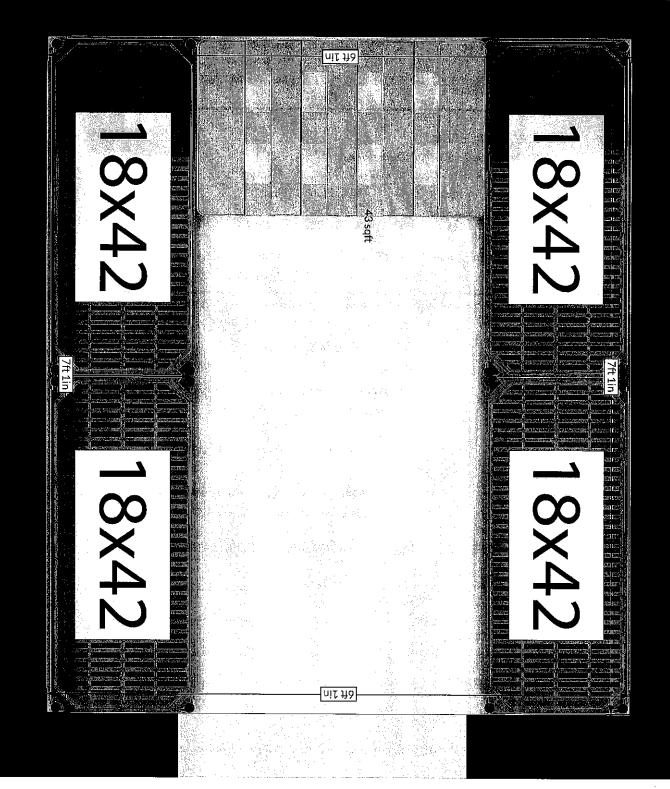




|--|

ltem	Qty	Description
Freezer	16 ea	Shelving, with Metal Frame
namet and a second		Metro PR1842NK3 (270.8 lbs total. Class: 70. Cube: 16.85. Packed: 1 ea) Super Erecta Pro <sup>™</sup> Shelf, 42"W x 18"D, removable polymer shelf mat, Metroseal 3 <sup>™</sup> epoxy-coated frame, built-in Microban product protection, split sleeves, attaches to Super Erecta <sup>®</sup> round posts, NSF
·	16 ea;	74PK3 Super Erecta® SiteSelect <sup>™</sup> Post, 74-1/2"H, adjustable leveling bolt, posts are grooved at 1" increments & numbered at 2" increments, double grooved every 8", Metroseal 3 Green epoxy coated corrosion-resistant finish with Microban® antimicrobial protection
	1 ea;	HP2236PD Metro Bow-Tie™ Dunnage Rack, 22" x 36" x 12"H, slotted, with separate polymer tie for joining racks, corrosion proof polymer construction, NSF







	Morehead City, NC 285	,
	Quote No: Item No:	2759-001-R05-LC
Last Update:10/12/2022Revisor:Laura CraigTo:All Bidders	Job Name: Date: From:	Erwin Elementary 10/12/2022 <b>PVD:</b> 10/3/2022 Laura Craig
, Attn:		Swanson-Girard & Associates 10420 Southern Loop Blvd Pineville, NC 28134
	Phone	:: Fax: (704)521-8801

#### **Box Shape**

#### NSF APPROVED



## Bally Prefabricated Exterior Dimensions: 24'-0½"(I) x 11'-7"(w) x 8'-6"(h) 2 Compartments 1 Tiers With Floor 4" Floor Ceiling: Single Span

Panel Thickness:

**Outdoor Stand Alone** 

4 in. Exterior Vertical Used (7'-10") with 4 in. Partition, 4 in. Floor, 4 in. Ceiling **Details on Following Page(s)** 

### NOTE: Freight shown is an estimate based on current published rates. A fuel surcharge Walk-in Price: Refrigeration Price: Will be added and changes continuously. Item (Less Refrig.Warranties): Estimated Freight: Total Price (FOB Plant) (Less Refrig.Warranties): Estimated Freight: Optional Warranties: (not included in Total Price) (1) 00 3/4 HP System (5 yr. Parts , 1 yr. Labor) (1) 04.5 HP Complete (5 Yr, Parts Warranty) Optional Accessories: (not included in Total Price) (1) Locking Bar with Tamperproof Screws (1) Locking Bar with Tamperproof Screws

#### Payment terms and conditions are available upon request.

This quotation was based on information supplied to us which may or may not have been complete. Customer is responsible for reviewing this quotation for exclusions, deviations, and any improper information supplied to us.

Signature:
Laura Craig
Date:

We are not responsible for the selection or recommendation of the panel finish for any building or walk-in application.

#### <u>NOTE: Quoting Bally standard specifications, sizes, and finishes.</u> This quotation is good through 11/26/2022

#### Act of 2007 (Public Law 110-140) Title III; Section 312, regarding Walk-In Coolers and Walk-In Freezers.

	Bo		Bally Refrigerated Boxe Morehead City, NC 2855	·
			Quote No:	2759-001-R05-LC
Last T	Indatas	10/12/2022	Item No:	
Last U	•		Job Name:	Erwin Elementary
<i>Revisor:</i> <i>To:</i> All	Eaulia Ch	Laura Craig	Date:	10/12/2022 <b>PVD:</b> 10/3/2022
	All Bidders		From:	Laura Craig
				Swanson-Girard & Associates
	,			10420 Southern Loop Blvd
	Attn:			Pineville, NC 28134
			Phone	: Fax: (704)521-8801

#### **Outdoor Stand Alone**

#### **NSF APPROVED**

#### **Bally Prefabricated Exterior Dimensions:**

24'-0<sup>1</sup>/<sub>2</sub>"(l) x 11'-7"(w) x 8'-6"(h)

2 Compartments 1 Tiers With Floor 4" Floor

Ceiling: Single Span

#### Panel Thickness:

4 in. Exterior Vertical Used (7'-10") with 4 in. Partition, 4 in. Floor, 4 in. Ceiling

Details and specifications for Quote No:

2759-001-R05-LC

#### Base Finish

Comments:

Vertical and Ceiling Panels: Embossed Galvalume (26 GA)

#### Special Finishes:

Exterior Door - Embossed Tan Exterior Door Frame - Embossed Tan Exterior Floor - Embossed Tan Interior Floor - Aluminum Treadplate .125" Thick Wall 1 - Exterior Verticals - Embossed Tan Wall 2 - Exterior Verticals - Embossed Tan Wall 3 - Exterior Verticals - Embossed Tan Wall 4 - Exterior Verticals - Embossed Tan

#### Doors/Openings:

Wall 1 Door 1 (1) 36" x 78" Hinged Door In a 46" Wall 1 Door 1 (1) Ext.Alum Diam/Tread Ramp (30-36" Door) Wall 1 Door 1 (1) Strip Curtain (36" Door and Under) (1) Super Door 36" Wide and Under, 30" High Wall 1 Door 1 (1) 36" x 78" Hinged Door In a 46" Wall 1 Door 2 Wall 1 Door 2 (1) Bally Standard Pressure Relief Port (< 400 sq/ft) Wall 1 Door 2 (1) Ext.Alum Diam/Tread Ramp (30-36" Door) Wall 1 Door 2 (1) Strip Curtain (36" Door and Under) (1) Super Door 36" Wide and Under, 30" High Wall 1 Door 2

#### Accessories and Extras:

<b>f</b> Bc		Bally Refrigerated Boxes, Inc. Morehead City, NC 28557 (800) 242-2559	
Last Update:	10/12/2022 Laura Craig	Quote No:2759-001-R05-LCItem No:Job Name:Erwin ElementaryJot Name:Invite:10/12/2022PVD:10/3/2022From:Laura CraigSwanson-Girard & AssociatesInvite:Invite:Invite:Invite:Pineville, NC 28134Phone:Fax: (704)521-8801	
		<ul> <li>(4) 48" LED KEIL 48x754-CL-N Light - 40° F to 100° F(Range)</li> <li>(74) L/F REB(Reinforced Exterior Bottom)'s</li> <li>(300) S/F Outdoor Membrane Roof 40 mil standard</li> <li>(300) S/F Tapered Insul 1/8" on 12"</li> <li>(64) Shear Plates (Galvanized)</li> <li>(1) The loads are 20 Lbs psf live and 114 Mph RC II Wind. The customer must verify that the loads shown on this quote comply with local building codes.</li> <li>(8) WA-3 Wall Anchor Outside Vertical 4"</li> <li>(30) WA-4 Wall Anchor Outside Corner 4"</li> </ul>	
Floor Options: Refrigeration:		<ul> <li>(300) S/F 1/2" Plywood Foamed in Panel</li> <li>(1) BEZA 007 H8 HT3DB (208-230/3/60) w/ smart speed Scroll Unit 7190 BTU</li> <li>(1) BEZA 045 L8 HT3DN (208-230/3/60) Includes: Suction Accumulator</li> <li>(1) BLP107-MA-S1D 115/1/60 1 Fan 7000 BTU/h</li> <li>(1) BLP316LE-S2D 208-230/1/60</li> </ul>	
Estimated Shipp	ing:	<ul> <li>3 Fan 16200 BTU/h</li> <li>(1) Refrigeration is calculated for standard use at a box temperature of 35° F. for the cooler and -10° F. for the freezer with a condensing unit ambient of 105° F.</li> <li>(1) The refrigeration is calculated for a line run of less 50 ft.</li> <li>(1) Time Clock 8145 (shipped loose) 115/1/60</li> </ul>	

Weight: 8,456.66

Destination: Lancaster, SC, 297\*\*

<b>Bally</b> <sup>®</sup>	Bally Refrigerated Boxes Morehead City, NC 2855					
Last Update: 10/12/2022	Item No:	2759-001-R05-LC				
Revisor: Laura Craig	Job Name:	Erwin Elementary				
To: All Bidders	Date: From:	10/12/2022PVD:10/3/2022Laura CraigSwanson-Girard & Associates				
, Attn:		10420 Southern Loop Blvd Pineville, NC 28134				
	Phone:	Fax: (704)521-8801				

#### Deviations (Alternates, Remarks, Clarifications, Etc.):

Bally Floor Panels are capable of supporting up to 800 lbs. Per Sq/Ft uniformly distributed stationary loading. Bally does not recommend the use rolling loads of heavy carts, pallet jacks or fork lifts on top of the floors. Warranty for floors subjected to this type of use would not be covered by Bally.

Quoting Bally Standard Pre-Assembled Remote Refrigeration

#### Exclusions (Items Not Supplied by Bally):

$\square$	Shelving, Racks, Interior Accessories	☑	Caulking and Sealants
	Labor on Warranties		Refrigeration Systems
$\checkmark$	Alarm Systems	☑	Refrigeration Accessories
Ø	Supervision	Ø	Closure Panel and Trim
Ø	Tubing, Wiring for Rfg. Equipment	☑	Sleeves, Penetrations, Escutcheon Plates
V	Compressor Rack	V	Floor Insulation and Vapor Barrier

Cancelled Orders: Cancelled unshipped standard walk-ins will be charged a 30% restocking fee plus the cost of special panels. Cancelled refrigeration systems will be charged a 30% restocking fee and the cost of any freight accrued. Buy-out items will be charged a 25% restocking fee plus any freight accrued.

Agency Ratings: Bally units comply or surpass applicable Flame Spread-25, UL, UL 723, & NSF standards in a manner conforming to ASTM E-84, and Factory Mutual standards.

Quotation Limitations: This quotation was based upon the specifications given to Bally which may possibly be incomplete. Bally is not responsible for items missing from the quotation due to incomplete or excluded items in the specifications received from the customer. The customer is responsible for reviewing the quotation for omissions or deviations from the specifications given to Bally. All portions of the quotation are subject to revision upon receipt of detailed specifications or if changes are made following the delivery of the original quotation. Quotations expire on the date indicated on Pagel of the Quote. Approval drawings must be returned within 60 days of receipt of the purchase order. The order must ship within the agreed upon time frames or current lead times, but no later than 7 months. Any deviations to this quotation (dimensions or specification changes) will require updated pricing.

Panel Construction: Bally Panels are manufactured with environmentally friendly HFC 245-FA polyurethane foam. This polyurethane foam offers the highest thermal insulation value and the most energy efficiency per cubic inch in comparison to similar foams. It has a zero Ozone Depletion Potential (ODP) and a low Global Warming Potential (GWP). It is not considered a Volatile Organic Compound (VOC) in the US. Standard 4" Bally panels meet the 2009 Federal Energy Standards.

Refrigerants: Unless otherwise specified, refrigeration systems are quoted with environmentally friendly HFO R448A refrigerant. It has a Low Global Warming Potential (GWP) and the EPA lists it as an acceptable substitute for R404A and other high GWP refrigerants.

Automatic Door Closers: Bally includes automatic door closers and spring loaded hinges on all doors 42" wide and smaller as a standard feature with no additional charge that meet the 2009 Federal Energy Standards.

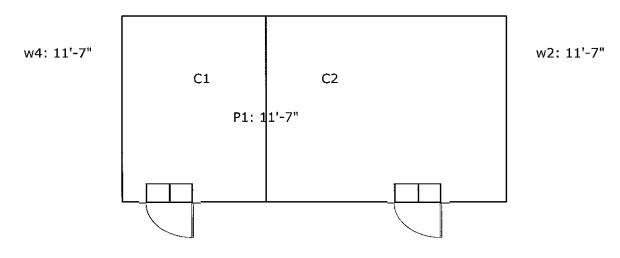
Motors: Bally units are quoted with EC and PSC motors in compliance with federal energy standards, for increased energy savings.

Lighting: Bally units are quoted with lighting in compliance with federal Energy Standards for increased energy savings.

Optional Features: Bally offers additional optional energy-saving features such as Walk-In Alarm & Light Management systems that comply or surpass the 2009 Federal energy regulations.

Bc		Bally Refrigerated Boxes Morehead City, NC 2855	·
Last Update: Revisor: To: All Bidd , , Attn:	10/12/2022 Laura Craig lers	Litem No: Job Name: Date: From:	2759-001-R05-LC Erwin Elementary 10/12/2022 <i>PVD:</i> 10/3/2022 Laura Craig Swanson-Girard & Associates 10420 Southern Loop Blvd Pineville, NC 28134 <i>Fax:</i> (704)521-8801

This drawing is for reference purposes only and it not intended to be a formal scale model.



w3: 24'-01/2"

w1: 24'-01/2"

DOOR 1: Wall1 36" x 78" Hinged Door In a 46" Offset:4'-6" Hinge:Right Orientaion:Regular DOOR 2: Wall1 36" x 78" Hinged Door In a 46" Offset:20'-0" Hinge:Right Orientaion:Regular PARTITION 1: Wall 1 Offset:9'-0" from wall 4 Connect

#### **Erwin Elementary Cooler LOAD CALCULATION**

## Bally



	an Briance.	<b>花花花</b> の		COOL	ING RE	QUIR	EMENTS			潮波音				
Application General Walk-in Cooler					And Contraction (1975)	Location Outdoor Warm					600-000-000-0035 0	Ben Dite1, 2 mill	in an	
Internal Te		35 ºF	Internal RH	84		External Temp						RH	55%	
Wall Loa	i 1	.091 BTUH	Infiltration	1,306	BTUH	Ρ́	Products		O BTUH	М	liscellar	eous	549 BTUH	
		31%		37					16%				16%	
	带 语 听的 题 题:45:45 注音	· · · · · · · · · · · · · · · · · · ·	an w	ALL, FLO	OR AN	D CEI	LING LO	<b>ADS</b>	1.17次 (創 語) 道 [調		的時間			
Section		Construction		Thickne (in)	<sup>ss</sup> K Fa	ictor [	R Value	Ext Terr (°F)			Dim (ft)	2 Ard		
Rear			andard panels	4.000	0	.14	28.11	35.0	11.	58	8.50			
Right End	i l	Urethane, Standard panels Door Urethane, Standard panels			0.1	0.14	28.11	99.0	8.	71	8.50	5.	5 124	
							15.00	99.0		00	6.50	2	0 83	
Front						.14	28.11	99.0			8.50		8 224	
Left End			andard panels	4.000	0	.14 28.11		99.0	99.0 8.71		8.50		4 169	
Floor		On (	Panels On Concrete Grade	10.00		.31	32.32		11.	.58 8.71		10	)1 244	
Ceiling		Urethane, St	andard panels	4.000	0.	.14	28.11	104.0	) 11.	58	8.71	10	1 248	
			VOLUME (ft <sup>3</sup> )	) 857			тот	AL WA	LL, FLOO	DR AN	ND CEI	LING L	OAD 1,091	
		nte serie Statut	INFILTRATION L	OAD : E	STIMA	TED B	Y DOORS	S AND	OPENIN	GS				
Quantity			ening Type		eight (in)	Wid (in	) (	ial Temp °F)	External Ri (%)		n Time hrs)	Curtair	ns Load (BTUH)	
_ 1		Do	or	7	8.00	36.0	00 9	9.0	55.0	0	.18	None	1,306	
			тот	AL INFI	LTRAT	ION LO	OAD EST	ΙΜΑΤΕ	D BY DO	ORS		PENIN	GS 1,306	
	度化 - 新日 112 - 武公都			John a Closefel Kolettea	RODUC	West Allowing	interest in the second second				HV Q			
		Туре				eight Enter 7 (Ib) (°F					mp Pull Do (hrs)			
G	eneral, M	xed Products	, Approximation		1,71		15 45.0		35.0		24		550	
	TOTAL F	RODUCT W	/EIGHT (lbs)		1,7	,715			TOTAL PRO		DOUCT LOAD		550	
		た。 第三日前 「二月二」	<b>推行推行</b> 起。	MISC	ELLAN	EOUS	LOADS				関係			
Quantity			Description		Po		Pow	er	Units	Units		Time rs)	Load (BTUH)	
			LIGHTING			1 60		W/ft <sup>2</sup> W			24		344	
1			EVAPORATOR MOT	ORS									205	
											LANEOUS LOAD 54			
		「「「「「「」」」		SYSTE	<b>1 DESI</b>	GN SL	JMMARY			l Ma				
Design Load (BTUH)	Safet Facto	/ I I A S	ad Run Time	Capa Requ (BTL	ired	Refrig	erant F	Line reque (Hz)	ncy Des	ign T (°F)	D Lii	ne Loss (°F)	Condenser Ambient (°F)	
3,496	10%			5,76		R44	18A	60		10.1		0.5	105	
			S				ELECTIC							
Equipment Type Quantity Model Nu		er en	Construction of the second s			ription	te vanse instructionspel	<u>1089</u> 92+55417	Voitage		Rating (BTUH)			
Condensing Unit 1 BEZA007H8-			8-HT3D	I-HT3D		ne Scroll/C	ondensi	ndensing Units-Air			30/3/60	6,591		
Evaporator 1 BLP107MA-			A-S1D			Low Profil				115/1/60		7,106		
				SY	STEM	BALAN	<b>ĮCE</b>							
E e e	load (BT	UH)	Suction Te	amn /0E	с. с. — м. (25)  -	Carrier Directory 200	European anna 199			egen. Proposi		sense standardigeder		
гал	000 (01		Juccion A	cub/ i			Evaporat	.0 [ ] [ ] [ ] [	~г)		systen	i Capaci	ty (BTUH)	

PURCHAS PURCHAS PROJ ORDE QUOT PURCHASER'S P • 3/8" Tubing coil cons refrigerant operating c • Anti-short cycle time • Adjustable pressure on 2 fan models only • Copper tubing secure clamps • Crankcase heater	Isp ROY BLVD, PO BOX 2020 BRANTFORD, ON CANADA N3T SY6         PURCHASER :         PROJECT : Erwin Elementary         ORDER # : 06339.36374.00469-A00         QUOTE # : Q11EULCA-A         PURCHASER'S PO # :         MODEL FI         • 3/8" Tubing coil construction (reduces refrigerant operating charge)         • Anti-short cycle time delay         • Adjustable pressure fan cycling control on 2 fan models only         • Copper tubing secured with cushion clamps         • Crankcase heater         • Discharge line temperature sensor			inheren ng isible pl valve led hea indicat ed with lectrical	<ul> <li>Adjustable low pressure control with flex hose / fixed high pressure control</li> <li>ECM with SmartSpeed Technology</li> <li>High efficiency enhanced copper tube and aluminium fin coil design</li> <li>Compatible with Low GWP Refrigerar</li> <li>Outdoor weatherproof pre-painted st cabinet</li> </ul>						l De Ints		
OPTION PACKAGES  Small B (Good@Warr Small N (Better@War Small P (Best@Warr Small D (Good@Mod Small J (Better@Mod Small J (Better@Mod Small Q (Best@Mode Small Q (Best@Mode Small K Small H  115V Control Circuit ADJUSTABLE PRESSL Johnson Dual with fle Separate High/Low: BALL VALVE *Liquid Line Liquid Line Liquid Line Liquid Line Suction Line CAPACITY CONTROL To Inlet of Evaporate To Suction Line Compressor Circuit E CONDENSING UNIT I Tamper Proof Screws Crankcase Pressure OONTACTORS 30A Contactor 40A Contactor 60A Contactor	m/Moderate) /Moderate) erate/Cold) erate/Cold) rate/Cold) IRE CONTROLS ix hose MAN Reset on HP - HOT GAS BYP. r - HOT GAS BYP. r FRISON PACKAG		DEL OPTION DEFROST KIT (USE W/KE2 E Up to 30A per 35A to 50A per Discharge Air Discharge Lind DISCONNECT Fused Non-Fused EC FAN MOTO	EVAP EFI r Evap er Evap Hood a Check SWITCH RS + SP riable Sp PRESSUI Control a Control a Control Control FRESCUI Control C	F) Valve I EED CONTROL eed - 230V Unit RE CONTROL OMPRESSOR	LER		*Stand OIL SEP With O One Tin Oversiz PHASE 3-Lead 6-Lead QuickVa Receive Single P SUCTIO With H Withou SUCTIO Sealed Replad TIME CI Parago *230V	eable ine Loc LINE S iard 233 dard 115 PARATO bil Filter ne Pum ed Rece / VOLT/ i d (Motor own To ac Valve r Inlet Point El N ACCL leat Exclut Heat I N FILTI d Type eable CC LOCK on 8145 Parago uard	k-Out F OLENO: V Coil R and Sole p Down siver AGE MO Saver45 ggle Sv Ss Ball Val ectrical IMULAT hanger Exchang ER ore Style n 8145 S	Relay (D VALV enoid NITOR 5) vitch ve OR er Style Style		
VOLTAGE	SYS	TEM REFRI	GERANT		RATING			ION TEM	P AM	BIENT		CAPA	
208-230/3/60		R4484	-		0.7Hp			25 °F		105 9	-	6672	BTUH
OTY POWER			COI TYPE	MPRESS	SOR RLA		LRA	AMPS		ATTS	TOTAL MCA		IOP‡
QTY POWER 1 100W	FLA/FAN	_	KAE-TF5	QTY 1	4.8		<b>7.8</b>	5.8			- MCA 7	· · · · · ·	15
	/8 in	SOUND		<u> </u>	REC CAPAC		<u> </u>	5 lb	<u>'</u>			APPRO	
	/8 in	WEIGHT	183 lb	)	REF CHAR			3 lb				6	
NOTES: <sup>†</sup> MCA Minimum C MCA & MOP are for AWEF = 7.6 for R40	the condensir	ng unit ONI	Y. Single poin	it conne	ections WILL	sho			ner refi	rigeran	ts	c (b) US	
APPROVED BY : Approval of this d made hereor			equipment is a ever subject to						TION a	ificatio			je 14

NATIONAL REFRIGERATION AND AIR CONDITIONING CANADA CORP.	BEZA007H8-HT3D
AIR CONDITIONING CANADA CORP. 159 ROY BLVD, PO BOX 2020 BRANTFORD, ON CANADA NST 5Y6	EZ-LINE SCROLL CONDENSING UNITS-AIR
PURCHASER :	SUBMITTED BY : Laura Craig
PROJECT : Erwin Elementary	DATE : 11 Oct 2022
ORDER # : 06339.36374.00469-A00	ITEM # : <b>1</b>
QUOTE # : Q11EULCA-A	ID # :
PURCHASER'S PO # :	TAGGING :

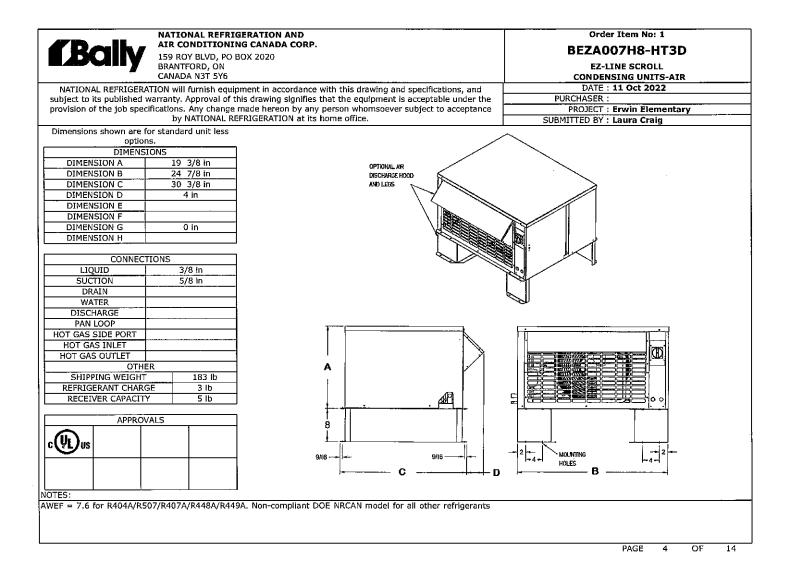
## <u> Liquid Line Filter + Sight Glass - Sealed</u>

Sporlan C Series with ODF solder connections and Sporlan SA moisture indicator factory installed in liquid line.

#### Option Packages - Small B (Good@Warm/Moderate) LLFD+SG

#### Time Clock - 115V Paragon 8145 Style

115V Defrost timer is time initiated, temperature or pressure terminated with a timed failsafe. Timer is shipped loose in a box for field installation.



BCIVY NATIONAL REFRIG			BLP107			
159 ROY BLVD, PO BOX 2020 BRANTFORD, ON CANADA N3T 5Y6		LOW PROFILE EVAPORATOR				
PURCHASER :	SUBMITTED E	Y : Laura Craig				
PROJECT : Erwin Eleme			E : 11 Oct 202	2		
ORDER # : 06339.3637		ITEM				
QUOTE # : Q11EULCA-/ PURCHASER'S PO # :	4		<u># :</u>			
PORCHASER S PO # :	MODEL FE		<u>.</u>			
3/8" Tubing coil construction (reduces afrigerant operating charge)         Factory installed solenoid valve wire arness         Heavy gauge textured aluminum abinet construction resists cratches/corrosion         Spacious piping end compartment lows for easy assembly         PRE-ASSEMBLED EVAP         SmartVap+ with EEV + SolvIv         Sporlan TXV, LLSV,T-stat         KE2 Evap Efficiency w/Sporlan EEV         *KE2 Evap Efficiency w/Sporlan EEV         Aux Sideport Connector         CABINET FINISH         Painted White         Stainless Steel         SENSORS FOR CPC BOARDS         Coil Temp Sensor         Return Air Temp Sensor         DEMAND DEFROST ELECTRONIC         CONTROLLER         KE2 Therm Evaporator Efficiency         *KE2 Temp+Defrost         SmartVap+ Control Board and Display	<ul> <li>Hinged drain pan witt drain connection (3/4"</li> <li>Front access to spaci header compartments</li> <li>Schrader connection</li> <li>Attractive and durabl polyethylene fan guard</li> <li>Ultra efficient Electro Commutated Motor (Ed</li> <li>MODEL OPTIONS (*</li> <li>EXPANSION VALV</li> <li>Sporlan TXV</li> <li>Sporlan EEV</li> <li>EVAPORATOR PRI Tamper Proof Scr</li> <li>Export Crating COIL COATING</li> <li>E-Coat</li> <li>FIN MATERIAL</li> <li>Gold Coat Fins</li> <li>Copper Fins</li> <li>Insulated Drain P</li> <li>KE2 THERM</li> <li>*CAT5e Shielded w/connectors</li> <li>40' Leads on Sem Ethernet Adapter</li> <li>*Remote Combo</li> <li>*Liquid / Suction</li> </ul>	drain) ous electrical and on suction headen le high density ls nically CM) = Shipped Loos /E 0+ nnect Switch ISON PACKAGE rews Pan Cable - 50ft sors + Transducer Kit Display	<ul> <li>High efficie and aluminitie</li> <li>6 FPI</li> <li>AWEF = 9</li> <li>Unit Coole with R404A/R507 C</li> <li>E)</li> <li>LIQUID</li> <li>Sportan</li> <li>Dual Vo</li> <li>Wired</li> <li>Nitroge ROOM T</li> <li>Mechan</li> <li>*Johnso</li> <li>Wire Fa</li> <li>REMOTE</li> <li>*230V</li> <li>*115V</li> <li>INSTAL</li> <li>Minimu drain li</li> <li>P-trap box</li> </ul>	r is AWEF/NRC 7/R448A/R449/ LINE SOLENG Itage Coil 120 n Charged an HERMOSTATS nical anical son A19ABC son A421ABC-02 n A421ABC-02 n A421ABC-02 n Guards E DEFROST PA Control Control Control LATION REQU	copper tube gn AN compliant A/R407A/R407 DID VALVE D-230V Field d Sealed 3 2C NEL JIREMENTS per foot on all red outside of	
115/1/60 R FANS	448AHEATER	680 CFM	25.5 °F	CIRCUIT TO	6672 BTU	
QTY POWER FLA/FAN	TYPE QTY	AMPS	AMPS		1CA† MOP	
1 0.07HP 1			1	60	1.3 15	
ISTRIBUTOR 3/8 in SOU		REC CAPACITY			APPROVA	
SUCTION 5/8 in WEIG	GHT 48 ib	REF CHARGE	1 lb		- (M) (II	
NOTES.	10P Maximum Overcurre	ent Protection				
† MCA Minimum Circuit Ampacity, ‡ M						
+ MCA Minimum Circuit Ampacity, + M PROVED BY :				DATE :		

<b>BOILD</b> NATIONAL REFRIGERATION AND AIR CONDITIONING CANADA CORP. 159 ROV BLVD, PO BOX 2020 BRANTOBEON	BLP107MA-S1D
159 ROY BLVD, PO BOX 2020 BRANTFORD, ON CANADA N3T 5Y6	LOW PROFILE EVAPORATOR
PURCHASER :	SUBMITTED BY : Laura Craig
PROJECT : Erwin Elementary	DATE : 11 Oct 2022
ORDER # : 06339.36374.00469-A00	ITEM # : 3
QUOTE # : Q11EULCA-A	ID # :
PURCHASER'S PO # :	TAGGING :

#### Expansion Valve - Sporlan TXV

May be Type EBQ, S, SBF, O externally equalized thermostatic expansion valve. Valves are selected using the specified capacity and operating conditions of the refrigeration system as specified on the accompanying Certified Prints.

#### Installation Requirements - Minimum slope of 1" per foot on all drain lines

Bally recommends a minimum slope of 1" per foot on all drain lines.

#### Instaliation Requirements - P-trap per evap required outside of box

All evaporators must be trapped individually outside of the box to prevent vapor migration back to coil surface.

#### Liquid Line Solenoid Valve - Sporlan

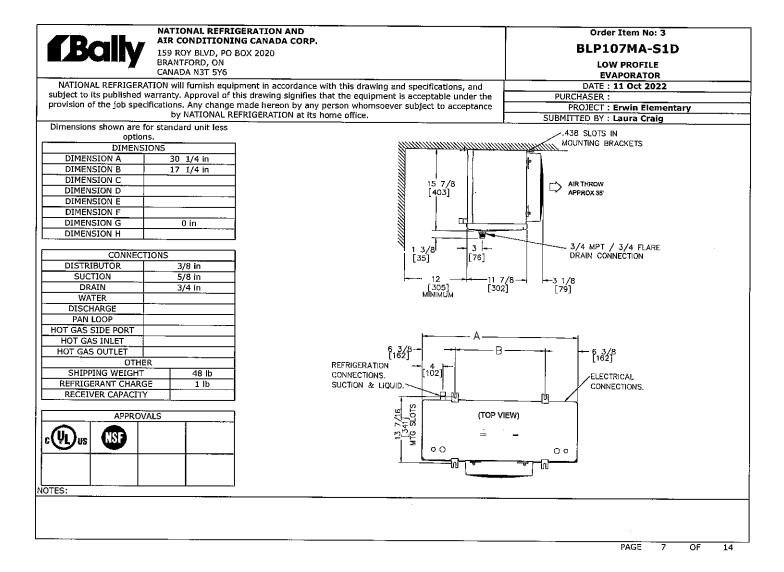
Sporlan solenoid coil voltage matches evaporator voltage except when evaporator is 460V, then 230V solenoid coil is used. Exceptions must be clearly explained in the Notes of the option.

#### Pre-assembled Evap - Sporlan TXV, LLSV, T-stat

Option Package consists of factory installed Sporlan balance port TXV, Sporlan liquid line solenoid valve and Johnson Controls A19 Room thermostat.

#### **Room Thermostats - Mechanical**

Single stage temperature control with Single-Pole, Double-Throw (SPDT) mechanical switch. May be Johnson A19 or equal, Operating range of -30°F to +100°F. Adjustable differential of 3°F to 12°F. Factory installed and wired.



# Erwin Elementary Freezer LOAD CALCULATION

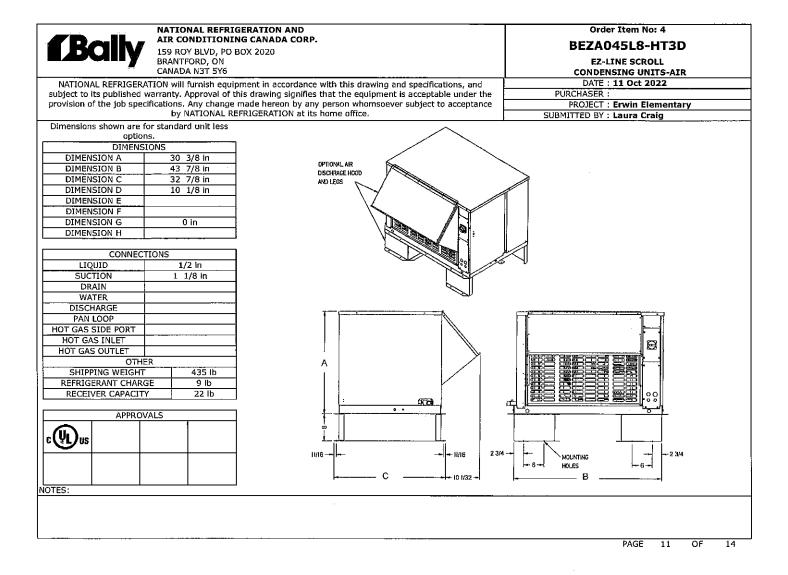




Application	General	Walk-in Fre	ezer			1	ocation	Outdoor	Warm				
Internal Temp	-10	I OF I	nternal RH	95	%	Exte	ernal Temp	Temp 95 °F Ex		External RH		55%	
Wall Load			infiltration	3,070		F	roducts	272 BTUH		Miscellaneous		,172 BTUH	
	41	%		40				49	%			15%	
			WA	L <b>L, FLO</b>	OR AN	D CEI	LING LO	ADS 🚱 🕌				が行動機	
Section		Construct	on	Thickne (in)	<sup>ess</sup> K Fa	actor	R Value	Ext Temp (°F)	Dim 1 (ft)	Dim 2 (ft)	Area (ft²)	Load (BTUH	
Rear		hane, Standa		4.000		.14	28.11	99.0	15.42	8.50	131	508	
Right End		hane, Standa		4.000		.14	28.11	<del>9</del> 9.0	11.58	8.50	98	382	
Front	Uret	hane, Standa	rd panels	4.000	) 0.	14	28.11	99.0	15.42	8.50	112	433	
		Door	. <u></u>				15.00	99.0	3.00	6.50	20	141	
Left End		hane, Standa		4.000	) 0.	.14	28.11	45.0	11.58	8.50	98	193	
Floor		On Grade		10.00		.31	32.32		15.42	11.58	179	699	
Ceiling	Uret	hane, Standa		4.000		.14	28.11	104.0	15.42	11.58	179	724	
		v	OLUME (ft <sup>3</sup> )	1,51	8		тот	AL WALL	, FLOOR	AND CEILIN	NG LOA	D 3,079	
		INF	ILTRATION	LOAD :	ESTIM	ATED	BY VOLL	JME AND	USAGE			際なな影響	
Box Usage	Inte	rnal Temp (°F)	Internal (%)	Rh	Externa	al Ter 'F)	np Ex	ternal Rh (%)			Load (BTUH)		
Regular		-10	95			<u>.                                    </u>		55	`			3.070	
			Charles and Charles and State		RODUC							净的外裂	
	1 E			9 GDL	Street and the state	ight	Enter '	Barrishaad Tomn   Ei	nal Temp	)   Pull Dov	vn I	Load	
		Туре				b)	(°F		(°F)	(hrs)		(BTUH)	
Gene	General, Mixed Products, Approximation		`		1,518		n l	-10.0	24		272		
	<u> </u>	DUCT WEIG			· · · ·	518			TOTAL P		DAD	272	
				MISC	1.49-2012/2014	90 - 6 S - 7	LOADS						
Quantity	uga kursi di da di Tarte.		Description	r to Medita Sabera	<u>) - 20025-200</u> 1	8000 <u>000</u> 0000	Pow	ver	Units	Run Tin (hrs)	16	Load (BTUH)	
			LIGHTING				1		W/ft <sup>2</sup>	24		609	
3		EVA	PORATOR MOT	ORS			60	)	Ŵ	/ 22		563	
								TOTAL	MISCELL	ANEOUS LO	DAD	1,172	
는 가장 가장 가장 것입 같은 회사는 수도 가장이 같이 같이 것이다. 같은 회사는 수도 가장이 같이		이 이 신입하다. 중요 : 영상법이		SYSTE	M DESI	GN S	UMMARY					關注之意	
Design Load (BTUH)	Safety Factor	Safety Load (BTUH)	Run Time (Hours)	Capa Requ (BT		Refri	gerant	Line Frequenc (Hz)	y Desigr (°F		LOSS	Condense Ambient (°F)	
7,593	10%	8,353	18	11,	137	R	448A	60	10	0.	5	105	
	· 例本: 中方: 虚 - 注意: 法法		SY	STEM	EQUIPN	1ENT	SELECTI	ON					
Equipment 1	Type Q	uantity	Model Nu	mber		197, 1 - 2 <b>1</b> 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Des	cription		Volta	ge	Rating (BTUH)	
Condensing l	Jnit	1	BEZA045L8	HT3D		EZ-L		Condensing		208-230,	/3/60	12,860	
Evaporato	r	1	BLP316LE	-S2D			Low Prof	ile Evapora	tor	208-230	/1/60	16,274	
				S	YSTEM	BALA	NCE						
Fan Lo	ad (BTUH	)	Suction Te	emp (°F	•)	1	Evapora	itor TD (°I	•) [	System C	apacity	(BTUH)	
			-18	.7				8.2			13,438		

BOILD NOT EVEN	BEZA045L8-HT3D EZ-LINE SCROLL CONDENSING UNITS-ATD					
CANADA N3T 5Y6 PURCHASER :		CONDENSING UNITS-AIR SUBMITTED BY : Laura Craig				
PROJECT : Erwin Elemen	tanı			1 Oct 2022		
ORDER # : 06339.36374			#:4		2	
	.00469-A00					
QUOTE # : Q11EULCA-A			# :			
PURCHASER'S PO # :		TAGGI	NG :			
3/8" Tubing coil construction (reduces afrigerant operating charge) Anti-short cycle time delay Adjustable pressure fan cycling control n 2 fan models only Copper tubing secured with cushion amps Crankcase heater Discharge line temperature sensor Fan Guard	MODEL FR • Fan motors are inhered internal overloads • Pre-formed piping • Receiver with fusible poff off valve • Suction Service valve • Adjustable flooded he (unless otherwise indicated) • Units are shipped with charge • Weatherproof electricated compressor contactor a circuit MODEL OPTIONS (*	EATURES Ently protected with plug and liquid shur ad pressure contro ated) a Helium holding al control box with nd fused control	n • fi a a l • c	Adjustable ex hose / fi High efficie nd aluminiu Compatible Outdoor we abinet AWEF = 3.	rmetic Scroll com low pressure con xed high pressur mcy enhanced co im fin coil design with Low GWP I eatherproof pre- 15	ntrol with re control opper tube Refrigerants painted steel
Small B (Good@Warm/Moderate) Small N (Better@Warm/Moderate) Small P (Best@Warm/Moderate) Small D (Good@Moderate/Cold) Small J (Better@Moderate/Cold) Small J (Best@Moderate/Cold) Small K Small H ELECTRIC DEFROST KIT DFK-02 115V Control Circuit ADJUSTABLE PRESSURE CONTROLS Johnson Dual with flex hose Separate High/Low: MAN Reset on HP BALL VALVE *Liquid Line Liquid Line Suction Line Suction Line CAPACITY CONTROL - HOT GAS BYPASS To Inlet of Evaporator To Suction Line Compressor Circuit Breaker CONDENSING UNIT PRISON PACKAGE Tamper Proof Screws Crankcase Pressure Regulator CONTACTORS 30A Contactor 40A Contactor	(USE W/KE2 EVAP EFF         Up to 30A per Evap         35A to 50A per Evap         Over 50A per Evap         Discharge Line Check         Bischarge Line Check         Discharge Line Check         SmartSpeed         ELECTRONIC PRESSUF         Low Pressure Control         Export Crating         EXTENDED 4-YEAR CO         Copeland         Extended Leg Kit         COIL COATING         E-Coat         FIN MATERIAL         Gold Coat Fins         Copper Fins         Hail Guard for Conden         Heated and Insulated         HOUSING MATERIAL         Stainless Steel         Insulated Suction Line         LIQUID LINE FILTER 4         1	Valve rature Sensor EED CONTROLLER eed - 230V Units RE CONTROL MPRESSOR WARRAN Ser Receiver		LIQUID LIN *Standarc OIL SEPAR With Oil F One Time Y Oversized I PHASE / Vd 3-Lead 6-Lead (M Pump Dow QuickVac V Receiver Ir Single Poin Sub Cooling SUCTION F Sealed TY Replaceat TIME CLOC Paragon 8 *230V Pai *115V Pai	Lock-Out Relay NE SOLENOID VALVI d 230V Coil d 115V Coil ATOR ilter and Solenoid Pump Down Receiver DLTAGE MONITOR In Toggle Switch alves net Ball Valve tt Electrical g Circuit CCUMULATOR Exchanger leat Exchanger ILTER pe ble Core K S145 Style ragon 8145 Style ragon 8145 Style	2
VOLTAGE SYSTEM RE	FRIGERANT	RATING	SUCT	ION TEMP	AMBIENT TEMP	CAPACIT
	48A	4.5Hp		8.7 °F	105 °F	13438 BTU
FANS	COMPRES			T	CIRCUIT TOTA	
QTY POWER FLA/FAN	TYPE QTY		LRA	AMPS	WATTS MC	
. ,	F13K4E-TF5 1	13.8	<u>99</u>	15.9	19	
			<u>,,,</u>	1	1 13	
		REC CAPACITY		22 lb	-	APPROVAL
	IT 435 lb	REF CHARGE	I	9 lb	1	a (ŲL) us
NOTES: † MCA Minimum Circuit Ampacity, ‡ MC MCA & MOP are for the condensing unit			w diffe	erent on dat	taplate.	
PPROVED BY :					DATE :	_l
Approval of this drawing signifies that t made hereon by any person whon						

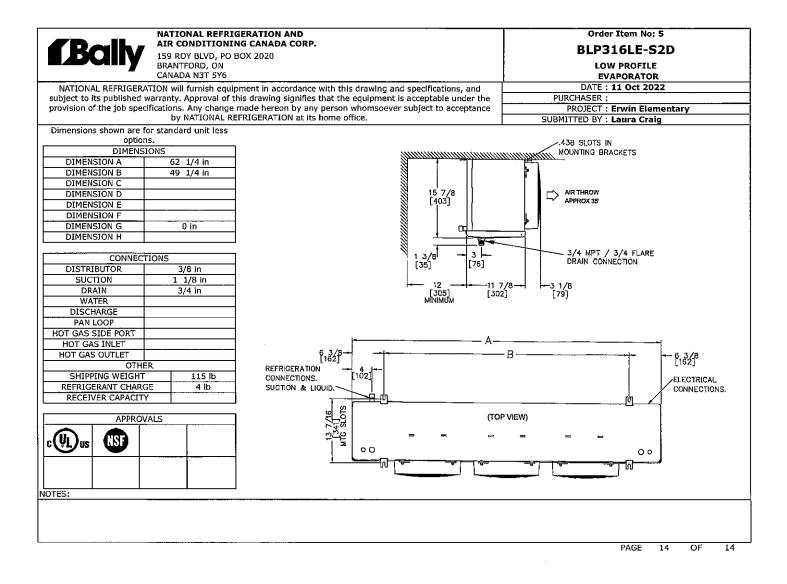
ATIONAL REFRIGERATION A AIR CONDITIONING CANADA	
AIR CONDITIONING CANADA 159 ROY BLVD, PO BOX 2020 BRANTFORD, ON	EZ-LINE SCROLL
CANADA N3T 5Y6	CONDENSING UNITS-AIR
PURCHASER :	SUBMITTED BY : Laura Craig
PROJECT : Erwin Elementary ORDER # : 06339.36374.00469-A00	DATE : <b>11 Oct 2022</b> ITEM # : <b>4</b>
QUOTE # : Q11EULCA-A	ID # :
PURCHASER'S PO # :	TAGGING :
	O OPTION DESCRIPTIONS
Electric Defrost Kit - DFK-02 lectric Defrost Kit includes:	
echanical Time Clock:	fa
me initiated temperature terminated with a timed failsa	le.
ontactors:	
hree pole definite purpose, 230V or 115V coil as defined	l by
ne control circuit voltage	-,
trCont1x 40A	
use Blocks:	
x 30A (2P) Class CC	
Liquid Line Filter + Sight Glass - Sealed	
porlan C Series with ODF solder connections and Sporla	n SA
oisture indicator factory installed in liquid line.	
<u> Option Packages - Small B (Good@Warm/Moder</u>	<u>ate)</u>
LFD+SG	

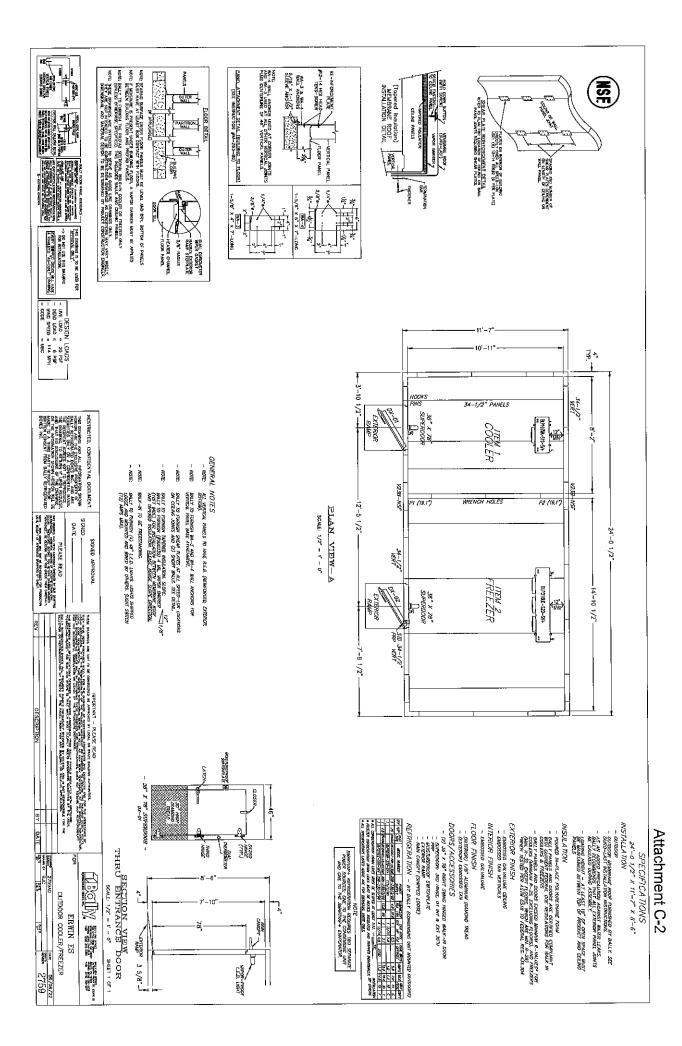


ROBECTIVE PURCHASER : PROJECT : Erwin Eleme ORDER # : 06339.3637 QUOTE # : Q11EULCA- PURCHASER'S PO # :	DATE ITEM # ID #	BLP316LE-S2D LOW PROFILE EVAPORATOR SUBMITTED BY : Laura Craig DATE : 11 Oct 2022 ITEM # : 5 ID # :					
PURCHASER'S PO # :         • 3/8" Tubing coil construction (reduces refrigerant operating charge)         • Factory installed solenoid valve wire harness         • Heavy gauge textured aluminum cabinet construction resists scratches/corrosion         • Spacious piping end compartment allows for easy assembly         PRE-ASSEMBLED EVAP         SmartVap+ with EEV + SolvIv         1 Sporlan TXV, LLSV,T-stat         KE2 Evap Efficiency w/Sporlan TXV         KE2 Evap Efficiency w/Sporlan TXV         *KE2 Evap Efficiency w/Sporlan EEV         *KE2 Evap Efficiency w/Sporlan EEV         *KE2 Evap Efficiency m/Sporlan EEV         Aux Sideport Connector         CABINET FINISH         Painted White         Stainless Steel         SENSORS FOR CPC BOARDS         Coil Temp Sensor         DEMAND DEFROST ELECTRONIC         CONTROLLER         KE2 Adaptive Control         *KE2 Therm Evaporator Efficiency         *KE2 Therm Evaporator Efficiency         *KE2 Therm Evaporator Efficiency         Dual Circuit	<ul> <li>Hinged drain pan y drain connection (3/</li> <li>Front access to spi header compartmen</li> <li>Schrader connection</li> <li>Attractive and dura polyethylene fan gua</li> <li>MODEL OPTIONS ( ELECTRONIC CC SmartVap+ Co Display</li> <li>EXPANSION VA</li> <li>Sporlan TXV</li> <li>Sporlan TXV</li> <li>Sporlan EEV</li> <li>EEV for SmartV</li> <li>EXPORATOR I Tamper Proof S</li> <li>Export Crating COIL COATING</li> <li>E-Coat</li> <li>FIN MATERIAL</li> <li>Gold Coat Fins</li> <li>Copper Fins</li> <li>Insulated Drain</li> <li>KE2 THERM</li> <li>*CAT5e Shield w/connectors</li> <li>40' Leads on S</li> <li>Ethernet Adapt</li> <li>*Remote Comt</li> </ul>	acious electrical and ts on on suction header able high density ards <b>* = Shipped Loose</b> <b>ONTROLLER</b> ntrol Board and <b>ALVE</b> Vap+ <b>PRISON PACKAGE</b> Screws <b>n Pan</b> ed Cable - 50ft ensors + Transducers cer Kit	<ul> <li>Ultra efficiency of the second seco</li></ul>	oltage Coil en Charged THERMOST, anical hanish hanish	M) I Technol ced copp lesign IRCAN cc A/R449A ENOID N 120-230 and Sea ATS C-02C -02 PANEL EQUIREI 1" per fc quired o	MENT WISIDE	S S all of
	REFRIGERANT	AIR FLOW	EVAP. TEMP	BOX TE		CAPA	
FANS	HEAT		1012 <sup>-</sup> F	CIRCUIT	•		
QTY         POWER         FLA/FAN           3         0.07HP         0.6	TYPE QT	Y AMPS	AMPS	WATTS	MCA†	_	OP‡
	DEFROST HTRS	11.9	1.8	180 2730	2 14.8	_	15 15
DISTRIBUTOR 3/8 in SOU		REC CAPACITY	I			PPRC	
SUCTION <b>1 1/8 in</b> WEIG NOTES: † MCA Minimum Circuit Ampacity, ‡ I		REF CHARGE	4 lb		5' 	لل) us	KSF
APPROVED BY : Approval of this drawing signifies tha made hereon by any person wh							je 14

	NATIONAL REFRIGERATION AND AIR CONDITIONING CANADA CORP.	BLP316LE-S2D
Bally	159 ROY BLVD, PO BOX 2020 BRANTFORD, ON	LOW PROFILE
	CANADA N3T 5Y6	EVAPORATOR
PURCHA		SUBMITTED BY : Laura Craig
	ECT : Erwin Elementary R # : 06339.36374.00469-A00	DATE : 11 Oct 2022
	E # : Q11EULCA-A	ITEM # : 5 ID # :
PURCHASER'S P		TAGGING :
	······	
	SELECTED OPTION D	ESCRIPTIONS
-	<u>ion Valve - Sporlan TXV</u>	
	3F, O externally equalized thermostatic	
	s are selected using the specified	
	conditions of the refrigeration system	
	mpanying Certified Prints.	
Installation Reg	<u>uirements - Insulated drain line</u>	
	<u>uires heat - 20W/ft</u>	
	n lines must be insulated and heated	
vith a minimum of 20 w	•	
-	<u>ements - Minimum slope of 1" per</u>	
	ot on all drain lines	
	nimum slope of 1" per foot on all drain	
ines.		
Installation Requir	<u>ements - P-trap per evap required</u>	
	outside of box	
	trapped individually outside of the box	
	ion back to coil surface.	
	<u>e Solenoid Valve - Sporlan</u>	
•	tage matches evaporator voltage	
	is 460V, then 230V solenoid coil is	
used. Exceptions must	be clearly explained in the Notes of the	
option.		
	<u> Evap - Sporlan TXV, LLSV,T-stat</u>	
	of factory installed Sporlan balance	
	line solenoid valve and Johnson	
Controls A19 Room ther		
	<u> 1ermostats - Mechanical</u>	
	e control with Single-Pole,	
	nechanical switch. May be Johnson A19	
	ge of -30°F to +100°F. Adjustable	
lifferential of 3°F to 12°	PF. Factory installed and wired.	









# **Specifications**

09/16/2022

# SWANSON-GIRARD

CULINARY SOLUTIONS Project Erwin Elem- Lancaster County Schools

From Swanson-Girard & Assoc. Becky Jersey 10420 Southern Loop Blvd. Pineville, NC 28134 (704)521-8811 (888)521-0778 0000 (Contact) (704)521-8801 (Fax) bjersey@swanson-girard.com

The following discounts have been applied to this quotation. No additional discounts can be taken off the net price shown.

To ensure all discounts are applied correctly when ordering please send **ALL ORDERS** to Swanson-Girard. Email: <u>orders@swanson-girard.com</u> or Fax: 704-521-8801

# For Tracking information please either reach out to SGA office or Autoquotes Order Status.

#### ITEM Cooler - SHELVING, WITH METAL FRAME (24 REQ'D)

#### Metro Model PR2442NK3 Dimensions: 42(w) x 24(d)

Super Erecta Pro™ Shelf, 42"W x 24"D, removable polymer shelf mat, Metroseal 3™ epoxy-coated frame, builtin Microban product protection, split sleeves, attaches to Super Erecta® round posts, NSF

- 24 eaModel 74PK3 Super Erecta® SiteSelect™ Post, 74-1/2"H, adjustable leveling bolt, posts are<br/>grooved at 1" increments & numbered at 2" increments, double grooved every 8", Metroseal<br/>3 Green epoxy coated corrosion-resistant finish with Microban® antimicrobial protection
- 1 ea Model HP2248PD Metro Bow-Tie<sup>™</sup> Dunnage Rack, 22" x 48" x 12"H, slotted, with separate polymer tie for joining racks, corrosion proof polymer construction, NSF

## ITEM Freezer - SHELVING, WITH METAL FRAME (16 REQ'D)

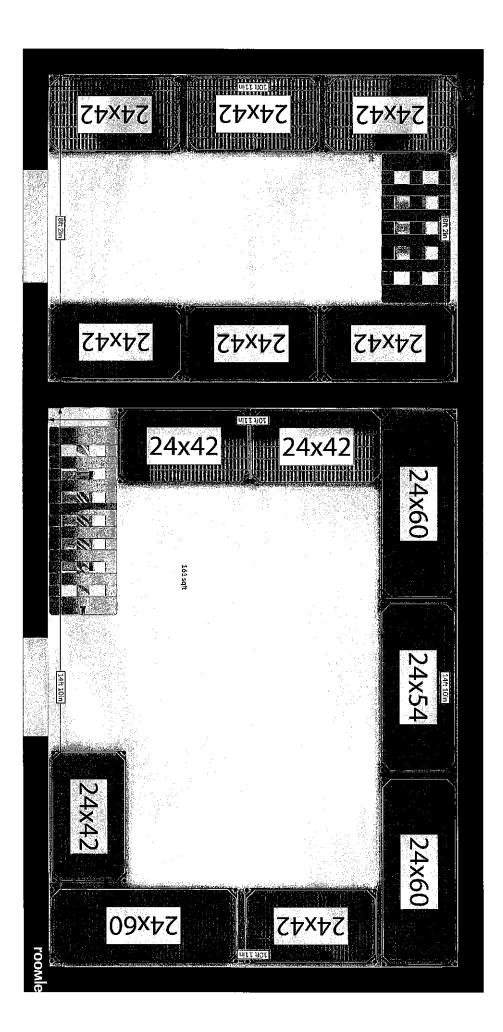
#### Metro Model PR2442NK3 Dimensions: 42(w) x 24(d)

Super Erecta Pro™ Shelf, 42"W x 24"D, removable polymer shelf mat, Metroseal 3™ epoxy-coated frame, builtin Microban product protection, split sleeves, attaches to Super Erecta® round posts, NSF

- 12 ea Model PR2460NK3 Super Erecta Pro<sup>™</sup> Shelf, 60"W x 24"D, removable polymer shelf mat, Metroseal 3<sup>™</sup> epoxy-coated frame, built-in Microban product protection, split sleeves, attaches to Super Erecta<sup>®</sup> round posts, NSF
- 4 ea Model PR2454NK3 Super Erecta Pro<sup>™</sup> Shelf, 54"W x 24"D, removable polymer shelf mat, Metroseal 3<sup>™</sup> epoxy-coated frame, built-in Microban product protection, split sleeves, attaches to Super Erecta<sup>®</sup> round posts, NSF
- 32 ea Model 74PK3 Super Erecta<sup>®</sup> SiteSelect<sup>™</sup> Post, 74-1/2"H, adjustable leveling bolt, posts are grooved at 1" increments & numbered at 2" increments, double grooved every 8", Metroseal 3 Green epoxy coated corrosion-resistant finish with Microban<sup>®</sup> antimicrobial protection
- 1 ea Model HP2260PD Metro Bow-Tie<sup>™</sup> Dunnage Rack, 22" x 60" x 12"H, slotted, with separate polymer tie for joining racks, corrosion proof polymer construction, NSF



This quotation is based on our understanding of the information provided to us. While we make every effort to ensure that the quote is correct, **IT IS ULTIMATELY THE CUSTOMER'S RESPONSBILITY TO CHECK THE QUOTE FOR ERRORS.** We are not responsible for this quotation meeting your requirements based on incorrect information. Please check our quotation carefully. Anything not listed will not be furnished. **All items are quoted as each unless otherwise shown**.



METRO

	brehead City, NC 285	•		
	Quote No: Item No:	2757-001-R04-LC		
Last Update: 10/12/2022 Revisor: Laura Craig To: All Bidders	Job Name: Date: From:	McDonald Green Elementary School 10/12/2022 <i>PVD</i> : 10/3/2022 Laura Craig Swanson-Girard & Associates 10420 Southern Loop Blvd		
Attn:	Phon	Pineville, NC 28134 e: Fax: (704)521-8801		

#### Box Shape

#### **NSF APPROVED**



# Bally Prefabricated Exterior Dimensions: 15'-5"(1) x 9'-8"(w) x 8'-6"(h) 2 Compartments 1 Tiers With Floor 4" Floor Ceiling: Single Span

Panel Thickness:

Indoor Structure

4 in. Exterior Vertical Used (7'-10") with 4 in. Partition, 4 in. Floor, 4 in. Ceiling

#### **Details on Following Page(s)**

NOTE: Freight shown is an estimate based on curre will be added and changes continuously.	vn is an estimate based on current published rates. A fuel surcharge anges continuously.		
	Total Price (FOB Plant)	(Less Refrig.Warranties): Estimated Freight:	
	<b>Optional Warranties:</b>	(not included in Total Price)	
	(1) 00 3/4 HP System (	5 yr. Parts , 1 yr. Labor)	

(1) 02 HP System (5 yr. Parts, 1 yr. Labor)

#### Payment terms and conditions are available upon request.

This quotation was based on information supplied to us which may or may not have been complete. Customer is responsible for reviewing this quotation for exclusions, deviations, and any improper information supplied to us. Date: \_

Laura Craig

We are not responsible for the selection or recommendation of the panel finish for any building or walk-in application.

<u>NOTE: Quoting Bally standard specifications, sizes, and finishes.</u> This quotation is good through 11/26/2022

Act of 2007 (Public Law 110-140) Title III; Section 312, regarding Walk-In Coolers and Walk-In Freezers.



# Bally Refrigerated Boxes, Inc. Morehead City, NC 28557 (800) 242-2559

,		Swanson-Girard & Associates 10420 Southern Loop Blvd			
Attn:	Р	Pineville, NC 28134			
	Phone:	<i>Fax:</i> (704)521-8801			

### Indoor Structure

## **NSF APPROVED**

#### **Bally Prefabricated Exterior Dimensions:**

15'-5"(1) x 9'-8"(w) x 8'-6"(h)

2 Compartments 1 Tiers With Floor 4" Floor

Ceiling: Single Span

#### **Panel Thickness:**

4 in. Exterior Vertical Used (7'-10") with 4 in. Partition, 4 in. Floor, 4 in. Ceiling

Details and specifications for Quote No:	2757-001-R04-LC
--	-----------------

Comments:

#### **Base Finish**

Vertical and Ceiling Panels: Embossed Galvalume (26 GA)

#### Special Finishes:

Interior Floor - Aluminum Treadplate .125" Thick

## Doors/Openings:

Wall 1 Door 1	(1) 36" x 78" Hinged Door In a 46"
Wall 1 Door 1	(1) Bally Standard Pressure Relief Port (< 400 sq/ft)
Wall 1 Door 1	(1) Strip Curtain (36" Door and Under)
Wall 1 Door 1	(1) Super Door 36" Wide and Under, 30" High
Wall 1 Door 2	(1) 36" x 78" Hinged Door In a 69"
Wall 1 Door 2	(1) Super Door 36" Wide and Under, 30" High

Accessories and Extras:

(4) 48" LED KEIL 48x754-CL-N Light - 40° F to 100° F(Range)	
<ul><li>(1) Box set in 4" depression from top of finished floor.</li><li>(48) S/F Emboss Galvalume (Closure Metal)</li></ul>	
(160) S/F 1/2" Plywood Foamed in Panel	

**Refrigeration:** 

Floor Options:

- (1) BEZA 007 H8 HT3DB (208-230/3/60) w/ smart speed Scroll Unit 7190 BTU
- (1) BEZA 020 L8 HT3D (208-230/3/60) w/ smart speed Includes defrost contactor for 1 Evap.
- (1) BLP207LE-S2D 208-230/1/60
- 2 Fan 7160 BTU/h (1) BLP209-MA-S1D 115/1/60
  - 2 Fan 8700 BTU/h
- (1) Refrigeration is calculated for standard use at a box temperature of 35° F. for the cooler and  $-10^{\circ}$  F. for the freezer with a condensing unit ambient of 105° F.
- (1) Time Clock 8145 (shipped loose) 115/1/60

Bc		Bally Refrigerated Boxe Morehead City, NC 285	*	
		Quote No: Item No:	2757-001-R04-LC	
Last Update: 10/12/2022 Revisor: Laura Craig To: All Bidders	Job Name: Date: From:	McDonald Green Elementary School 10/12/2022 <b>PVD:</b> 10/3/2022 Laura Craig Swanson-Girard & Associates 10420 Southern Loop Blvd		
Attn:		Phone	Pineville, NC 28134 :: Fax: (704)521-8801	

# Estimated Shipping:

Weight: 5,050.89

Destination: Lancaster, SC, 29720

<b>Bally</b> <sup>®</sup>	Bally Refrigerated Boxe Morehead City, NC 2855	·
Last Update: 10/12/2022	Quote No: Item No:	2757-001-R04-LC
<i>Revisor:</i> Laura Craig	Job Name:	McDonald Green Elementary School
To: All Bidders	Date: From:	10/12/2022 <b>PVD:</b> 10/3/2022 Laura Craig
2		Swanson-Girard & Associates
Attn:		10420 Southern Loop Blvd Pineville, NC 28134
	Phone:	Fax: (704)521-8801

#### Deviations (Alternates, Remarks, Clarifications, Etc.):

Bally Floor Panels are capable of supporting up to 800 lbs. Per Sq/Ft uniformly distributed stationary loading. Bally does not recommend the use rolling loads of heavy carts, pallet jacks or fork lifts on top of the floors. Warranty for floors subjected to this type of use would not be covered by Bally.

Quoting Bally Standard Pre-Assembled Remote Refrigeration.

Exclusions (Items Not Supplied by Bally):	,	
Shelving, Racks, Interior Accessories	Caulking and Sealants	
□ Labor on Warranties	□ Refrigeration Systems	
☑ Alarm Systems	Refrigeration Accessories	
☑ Supervision	□ Closure Panel and Trim	
🗹 Tubing, Wiring for Rfg. Equipment	Sleeves, Penetrations, Escutcheon Plate	ðS
Compressor Rack	Floor Insulation and Vapor Barrier	

Cancelled Orders: Cancelled unshipped standard walk-ins will be charged a 30% restocking fee plus the cost of special panels. Cancelled refrigeration systems will be charged a 30% restocking fee and the cost of any freight accrued. Buy-out items will be charged a 25% restocking fee plus any freight accrued.

Agency Ratings: Bally units comply or surpass applicable Flame Spread-25, UL, UL 723, & NSF standards in a manner conforming to ASTM E-84, and Factory Mutual standards.

Quotation Limitations: This quotation was based upon the specifications given to Bally which may possibly be incomplete. Bally is not responsible for items missing from the quotation due to incomplete or excluded items in the specifications received from the customer. The customer is responsible for reviewing the quotation for omissions or deviations from the specifications given to Bally. All portions of the quotation are subject to revision upon receipt of detailed specifications or if changes are made following the delivery of the original quotation. Quotations expire on the date indicated on Pagel of the Quote. Approval drawings must be returned within 60 days of receipt of the purchase order. The order must ship within the agreed upon time frames or current lead times, but no later than 7 months. Any deviations to this quotation (dimensions or specification changes) will require updated pricing.

Panel Construction: Bally Panels are manufactured with environmentally friendly HFC 245-FA polyurethane foam. This polyurethane foam offers the highest thermal insulation value and the most energy efficiency per cubic inch in comparison to similar foams. It has a zero Ozone Depletion Potential (ODP) and a low Global Warming Potential (GWP). It is not considered a Volatile Organic Compound (VOC) in the US. Standard 4" Bally panels meet the 2009 Federal Energy Standards.

Refrigerants: Unless otherwise specified, refrigeration systems are quoted with environmentally friendly HFO R448A refrigerant. It has a Low Global Warming Potential (GWP) and the EPA lists it as an acceptable substitute for R404A and other high GWP refrigerants.

Automatic Door Closers: Bally includes automatic door closers and spring loaded hinges on all doors 42" wide and smaller as a standard feature with no additional charge that meet the 2009 Federal Energy Standards.

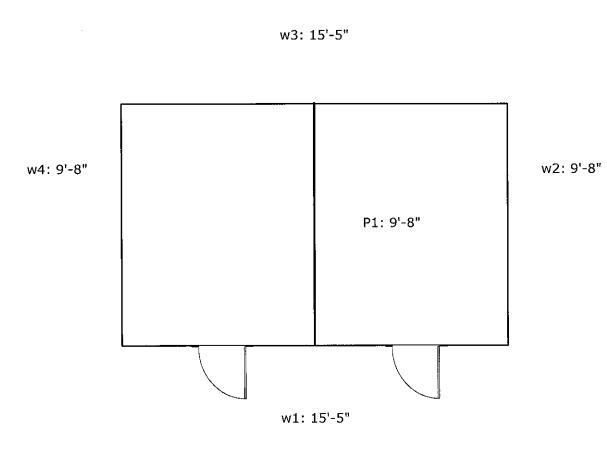
Motors: Bally units are quoted with EC and PSC motors in compliance with federal energy standards, for increased energy savings.

Lighting: Bally units are quoted with lighting in compliance with federal Energy Standards for increased energy savings.

Optional Features: Bally offers additional optional energy-saving features such as Walk-In Alarm & Light Management systems that comply or surpass the 2009 Federal energy regulations.

	Bally Refrigerated Bo Morehead City, NC 2	, , , , , , , , , , , , , , , , , , ,
Last Update: 10/12/2022 Revisor: Laura Craig To: All Bidders C1 , Attn:	Quote No Item No: Job Nam Date: C2 From: Ph	

This drawing is for reference purposes only and it not intended to be a formal scale model.



DOOR 1: Wall1 36" x 78" Hinged Door In a 46" Offset:4'-0" Hinge:Right Orientaion:Regular DOOR 2: Wall1 36" x 78" Hinged Door In a 69" Offset:12'-0" Hinge:Right Orientaion:Regular PARTITION 1: Wall 1 Centered Connect

# McDonald Green Elem Cooler LOAD CALCULATION





Application	General	Walk-in Coo	ler	na an tha tha tha an		Location	Indoor	an a	anne ann ann an ann an an an an an an an an	BURS.	·····································	
Internal Temp			ternal RH	84%		ernal Tem		°F	External RH		55%	
Wall Load	719	BTUH I	nfiltration	1,659 B		Products	409 6	зтин	Miscellaneous			
	21	.%		48%			12				19%	
			WA	LL, FLOO	R AND CE	ILING LO	DADS					
Section		Constructi	on	Thickness (in)	K Factor	R Value	Ext Temp (°F)	Dim 1 (ft)	Dim 2 (ft)	Area (ft²)	Load (BTUH	
Rear		hane, Standar		4.000	0.14	28.57	85.0	9.67	8.50	82	144	
Right End	Uret	hane, Standar	d panels	4.000	0.14	28.57	85.0	7.75	8.50	46	81	
		Door				15.00	85.0	3.00	6.50	20	65	
Front		hane, Standar		4.000	0.14	28.57	35.0	9.67	8.50	82		
Left End		hane, Standar		4.000	0.14	28.57	85.0	7.75	8.50	66	115	
Floor		Floor - Panels On Grade		10.000	0.31	32.32		9.67	7.75	75	183	
Ceiling	Uret Uret	hane, Standar	d panels	4.000	0.14	28.57	85.0	9.67	7.75	75	131	
		V	OLUME (ft <sup>3</sup> )	637		то	TAL WALL	, FLOOR /	AND CEILIN	G LOAI	719	
		INF	ILTRATION	LOAD : E	STIMATE	) BY VOL	UME AND	USAGE				
Box Usage	Inte	rnal Temp (°F)	Internal (%)	Rh Ex	cternal Te (°F)	mp E:	xternal Rh (%)		ntilation (CFM)		oad TUH)	
Heavy		35	84		85		55			1	,659	
				PR	ODUCT LO	ADS						
		Туре			Weight (lb)		Temp Fi PF)	nal Temp (°F)	Pull Dow (hrs)		Load (BTUH)	
Gen	aral Mivod	Products, App	rovimation		1,274		5.0	35.0	24		409	
		DUCT WEIG			,		5.0	TOTAL PRO			409	
		DOCI WEIG		MISCE	1,274						409	
<u>). 1968 (m. 1968</u> )	an a	tiga in the	a täyte asta.			101 A.200811	a pendulu sector de la compa		Run Tim	<u> </u>	Load	
Quantity			Description			Po	wer	Units	(hrs)	-	(BTUH)	
			LIGHTING				1	W/ft <sup>2</sup>			256	
2		EVAF	ORATOR MOT	ORS		6	50	W	24		409	
							TOTAL	MISCELL	ANEOUS LO	AD	665	
關發了政				SYSTEM	DESIGN S	UMMAR	66.20					
Design Load (BTUH)	Safety Factor	Safety Load (BTUH)	Run Time (Hours)	Capaci Requir (BTUI	ed Refr	igerant	Line Frequenc (Hz)	y Design (°F		oss   -	ondense Ambient (°F)	
3,452	10%	3,797	16	5,696		448A	60	10.1	l 0.5		100	
			SY	STEM EQ	UIPMENT	SELECT	ION					
Equipment 1	oment Type Quantity Model Number			De	scription	an an an an an ann an ann an	Voltag	e	Rating (BTUH)			
Condensing U	Jnit	1	BEZA007H8		EZ-1	ine Scroll	Condensing	Units-Air	208-230/3		6,868	
Evaporato	r	1	BLP209MA	-S1D		Low Pro	file Evapora	tor	115/1/6	50	8,843	
				SYS	TEM BAL	NCE						
Fan Lo	ad (BTUH)	)	Suction Te	<u> </u>		Evapor	ator TD (°F	•)	System Ca	pacity	(BTUH)	
			26.	2			8.2			<b>',1</b> 41		

<b>f</b> Ba	ikz A		'IONING C/	NADA CORP				BEZAO07	/H8-HT3	3D		
	159 ROY BLVD, PO BOX 2020 BRANTFORD, ON					EZ-LINE SCROLL						
	C/	ANADA N3T 5Y6						CONDENSIN	IG UNITS-A	IR		
	PURCHA					SUBMIT		′ : Laura Cra				_
		JECT : McDo ER # : 0633						: 11 Oct 20	22			
		TE # : Q10E		0409-AU0			ITEM #			<u> </u>	-	
PURCH	ASER'S F		ULCD-A				ID #					
		<u> </u>		MO	DEL F	EATURES	GGING	· •				_
<ul> <li>3/8" Tubing coil construction (reduces refrigerant operating charge)</li> <li>Anti-short cycle time delay</li> <li>Adjustable pressure fan cycling control on 2 fan models only</li> <li>Copper tubing secured with cushion clamps</li> <li>Crankcase heater</li> <li>Discharge line temperature sensor</li> <li>Fan motors are inher internal overloads</li> <li>Pre-formed piping</li> <li>Receiver with fusible off valve</li> <li>Suction Service valve</li> <li>Adjustable flooded he (unless otherwise indice otherwise indice)</li> <li>Units are shipped witt charge</li> </ul>					is Fusible de valve ded he e indica ed with	<ul> <li>wherently protected with</li> <li>Welded hermetic Scroll compress</li> <li>Adjustable low pressure control</li> <li>flex hose / fixed high pressure control</li> <li>flex hose / fixed high pressure control</li> <li>eCM with SmartSpeed Technolog</li> <li>High efficiency enhanced copper</li> <li>and aluminium fin coil design</li> <li>Compatible with Low GWP Refrig</li> <li>Outdoor weatherproof pre-painte</li> <li>cabinet</li> </ul>						:h ol b ai
Small N (t Small P (E Small D (C Small D (C Small J (B Small Q (E Small Q (E Small Q (E Small H 115V Contr ADJUSTABI Johnson D Separate I Separate I BALL VALVI *Liquid Line Fiquid Line Suction Line CAPACITY ( To Inlet of To Suction Compresso	Sood@War Better@Wa Better@Warn Good@Mod Better@Mod Best@Mode rol Circuit LE PRESSU Baal with flo High/Low High/Low High/Low High/Low High/Low High/Low E a Line ne CONTROL f Evaporato a Line r Circuit E NG UNIT H coof Screws Pressure I RS lictor	HOT GAS BY or Breaker PRISON PACK			EVAP E er Evap er Evap r Evap r Evap e Check SWITC RS + S WITC RS + S SWITC RS + S Contro e Contro g YEAR C Kit G L S Conde isulater TERIAL el	FF) k Valve H PEED CONTROL Jace CONTROL J IRE CONTROL J OMPRESSOR	LLER	LIQUID Sealed Replace LIQUID *Stand *Stand OIL SEP With O Oversize PHASE / 3-Lead 6-Lead 6-Lead QuickVa Receiver Single P SUCTION With H Withou SUCTION Sealed Replace TIME CLL Paragoo *230V	eable ine Lock-Out I LINE SOLENO lard 230V Coil ard 115V Coil ARATOR il Filter and Sole e Pump Down d Receiver VOLTAGE MO (MotorSaver45 own Toggle Sv c Valves VILTE Ball Val oint Electrical N ACCUMULAT eable Core DCK n 8145 Style Paragon 8145 S Paragon 8145 S	Relay ID VAL' enoid NITOR 5) vitch ve OR er Style	VE	
VOLTAG		SY	STEM REFRI		_	RATING	S	JCTION TEMP			САРА	
208-230/3			R448/			0.7Hp		26.3 °F	100 °		7141	37
QTY P	FANS OWER	FLA/FAN		COI TYPE	MPRES				CIRCUIT			-
	.oow	1		KAE-TF5	QTY 1	RLA 4.8	LR/ 37.		WATTS	<u>MCA</u>		0 1!
		/8 in	SOUND	-	-	REC CAPAC		5   5.8 5   b			APPRO	
SUCTION		/8 in	WEIGHT	183 lb	)	REF CHARC		3 lb				
NOTES:		<b>.</b>									¢∰08	
MCA & MOP	are for	the condens	ing unit ONI	Maximum Ove Y. Single poin R449A. Non-c	t conn	ections WILL	show a	lifferent on da lel for all othe	ataplate. er refrigerant	5		
APPROVED E	3Υ:								DATE :			
				equipment is a				1				

NATIONAL REFRIGERATION AND AIR CONDITIONING CANADA CORP.	BEZA007H8-HT3D
AIR CONDITIONING CANADA CORP. 159 ROY BLVD, PO BOX 2020 BRANTFORD, ON CANADA N3T 5Y6	EZ-LINE SCROLL CONDENSING UNITS-AIR
PURCHASER :	SUBMITTED BY : Laura Craig
PROJECT : McDonald Green Elem	DATE : 11 Oct 2022
ORDER # : 06338.56873.00469-A00	ITEM # : <b>1</b>
QUOTE # : Q10EULCB-A	ID # :
PURCHASER'S PO # :	TAGGING :

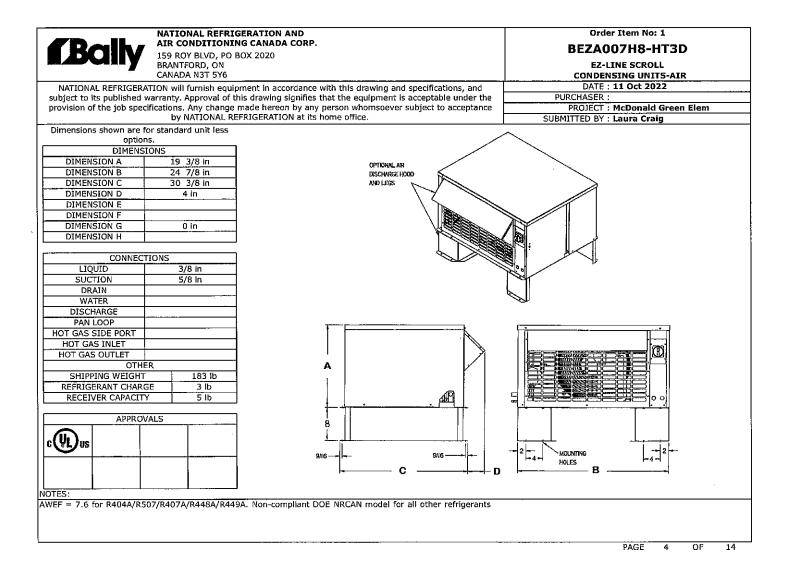
#### Liquid Line Filter + Sight Glass - Sealed

Sporlan C Series with ODF solder connections and Sporlan SA moisture indicator factory installed in liquid line.

#### Option Packages - Small B (Good@Warm/Moderate) LLFD+SG

#### Time Clock - 115V Paragon 8145 Style

115V Defrost timer is time initiated, temperature or pressure terminated with a timed failsafe. Timer is shipped loose in a box for field installation.



	ATIONAL RI				В	LP209	MA-S1D	)					
BF	9 ROY BLVD, PO BO ANTFORD, ON ANADA N3T 5Y6	DX 2020		LOW PROFILE EVAPORATOR									
PURCHA	SER :	-		SUBMITTED	BY : L	aura Crai	9						
	IECT : McDor			DA	TE : 1	1 Oct 202	2						
	ER # : 06338		169-A00		1 # : <b>3</b>								
	TE # : Q10EL	JLCB-A			)#:								
PURCHASER'S F	°O#:			TAGGI	<u>NG :</u>								
		•	MODEL FE/						-				
<ul> <li>3/8" Tubing coil con refrigerant operating</li> </ul>		uces • F	linged drain pan with				SmartSpeed ency enhand			ha			
<ul> <li>Factory installed sol</li> </ul>			ront access to space				um fin coil d		per tu	be			
harness			ader compartments			6 FPI		caight					
<ul> <li>Heavy gauge texture</li> </ul>		• 5	chrader connection of	on suction heade	er •	AWEF = 9	.0						
cabinet construction r	esists		ttractive and durable				er is AWEF/N	RCAN	compli	ant			
scratches/corrosion			yethylene fan guards			ith			4074 (0	105			
<ul> <li>Spacious piping end allows for easy assem</li> </ul>			Iltra efficient Electror mmutated Motor (EC		к С		7/R448A/R4	49A/R4	407A/F	(407			
	ыу		DEL OPTIONS ( * :		-								
PRE-ASSEMBLED	FVAP	MO	EXPANSION VALV		se j		LINE SOLI		VALV	/F			
SmartVap+ with		, <b>1</b>	Sporlan TXV	-	Ŀ	1 Sporla			TALV				
1 Sporlan TXV, LLSV, T-stat Sporlan EEV					F		itage Coil :	120-2	30V Fi	eld			
KE2 Evap Efficie		n EEV	EEV for SmartVap	+		Wired	<b>-</b>						
*KE2 Evap Effici		an EEV 🗌	<b>Evaporator Discor</b>	nect Switch			n Charged		ealed				
Aux Sideport Co		_	EVAPORATOR PRI				[HERMOST/	ATS					
CABINET FINISH	1		Tamper Proof Scre	ews	Ŀ	1 Mecha							
Painted White Stainless Steel			Export Crating COIL COATING		F	+Mech							
SENSORS FOR C			E-Coat				son A19ABC son A421AB	^_02C					
Coil Temp Senso		L			-		on A421ABC						
Return Air Temp		Г	Gold Coat Fins				n Guards						
DEMAND DEFRO		иіс 🕅	Copper Fins				E DEFROST	PANE	L				
			Insulated Drain Pa	an		*230V	Control						
KE2 Therm Evap			KE2 THERM		L		Control	. <b>.</b>					
*KE2 Therm Eva	porator Efficie	ency	*CAT5e Shielded (	Cable - 50ft	1		LATION RE						
ELECTRONIC CO		F	w/connectors 40' Leads on Sens	ore J. Transduce		1 Minimi drain 1	um slope of	r. ber	TOOT OF	1 ali			
KE2 Temp+Defro			Ethernet Adapter				per evap re	auired	outsid	e of			
SmartVap+ Cont		1 F	*Remote Combo [			box	por crop ic	9411 00	outora				
Display			*Liquid / Suction		er								
				_									
	C)/(				<b>E1</b> (A			LAD.					
VOLTAGE		STEM REFRIC	SERANT	AIR FLOW 1500 CFM			BOX TE		CAPA				
115/1/60 FANS		R448A	HEATERS		2	6.8 ºF				BTUH			
QTY POWER	FLA/FAN	<del>- т</del>	YPE QTY	AMPS		AMPS	CIRCUIT WATTS	MCA		10P‡			
2 0.07HP	1 1	-				AMP5 2	120	2.3		10P+ 15			
	/8 in	SOUND		REC CAPACITY	T	<u> </u>	1 120	£.3	APPRO				
	/8 in	WEIGHT	70 lb	REF CHARGE	+	1 lb			TALLING				
NOTES:	<u></u> ł		<u>,</u> L		1				c(UL)US	<b>USF</b>			
+ MCA., Minimum C	Circuit Ampaci	tv. ‡ MOP 1	Maximum Overcurrei	nt Protection									
	,												
										1			
APPROVED BY :													
							DATE :						
			quipment is acceptal							ge			
made hereor	n by any pers	on whomsoe	ver subject to accept	ance by NATION	VAL RE	FRIGERAT							
							PAGE	5	OF	14			

NATIONAL REFRIGERATION AND AIR CONDITIONING CANADA CORP.	BLP209MA-S1D
AIR CONDITIONING CANADA CORP. 159 ROY BLVD, PO BOX 2020 BRANTFORD, ON CANADA N3T SY6	LOW PROFILE EVAPORATOR
PURCHASER :	SUBMITTED BY : Laura Craig
PROJECT : McDonald Green Elem	DATE : 11 Oct 2022
ORDER # : 06338.56873.00469-A00	ITEM # : 3
QUOTE # : Q10EULCB-A	ID # :
PURCHASER'S PO # :	TAGGING :

#### Expansion Valve - Sporlan TXV

May be Type EBQ, S, SBF, O externally equalized thermostatic expansion valve. Valves are selected using the specified capacity and operating conditions of the refrigeration system as specified on the accompanying Certified Prints.

#### Installation Requirements - Minimum slope of 1" per foot on all drain lines

Bally recommends a minimum slope of 1" per foot on all drain lines.

#### Installation Requirements - P-trap per evap required outside of box

All evaporators must be trapped individually outside of the box to prevent vapor migration back to coil surface.

#### Liquid Line Solenoid Valve - Sporlan

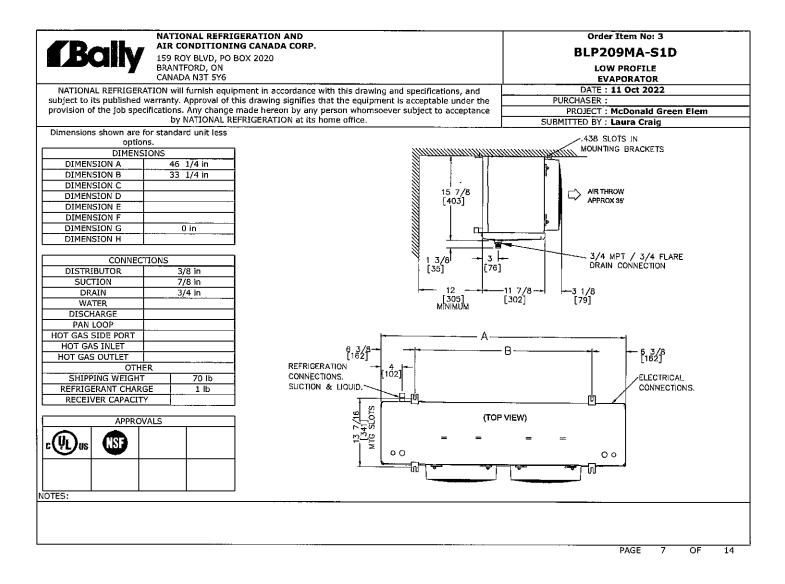
Sporlan solenoid coll voltage matches evaporator voltage except when evaporator is 460V, then 230V solenoid coil is used. Exceptions must be clearly explained in the Notes of the option.

#### Pre-assembled Evap - Sporlan TXV, LLSV,T-stat

Option Package consists of factory installed Sporlan balance port TXV, Sporlan liquid line solenoid valve and Johnson Controls A19 Room thermostat.

#### **Room Thermostats - Mechanical**

Single stage temperature control with Single-Pole, Double-Throw (SPDT) mechanical switch. May be Johnson A19 or equal, Operating range of -30°F to +100°F. Adjustable differential of 3°F to 12°F. Factory installed and wired.



# McDonald Green Elem Freezer LOAD CALCULATION



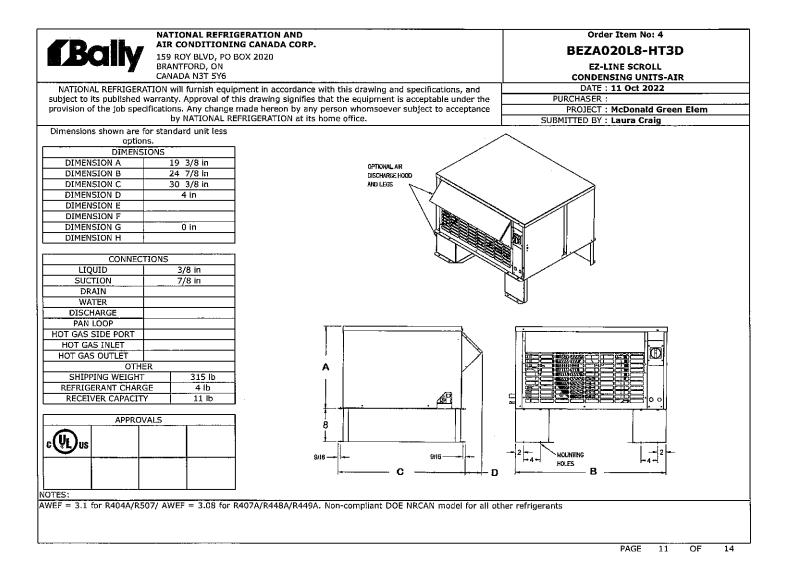


<u>terna a</u>	ne grace na Constantia <u>Re-Australia</u> Pressionale			COOLI	NG RE	QUIR	EMENTS				濫躍				
Application							ocation								
Internal Temp			95%			External Temp					nal RH		55%		
Wall Load	1,512 BTUH Infiltration		1,830		F F	Products		114 BTUH		Miscel	laneous	(	531 BTUH		
	37%	·····································		459 2010-2010		- <u>Million</u>	. De Baller (2017		<b>3%</b>	1993 1993	観察ない。	Vanterinae-	- ANTAN - C	15%	
		1일 백급 2일 일이 오늘 같은	WA			D CEI	LING LC	法通知性的 的现在分词		1997년 1997년 1997년 지수는 사람을 취임하는 1				a sa an	
Section	Construction		(11)		actor	R Value	(*F	)	Dim 1 (ft)	(1	n 2 t)	Area (ft <sup>2</sup> )	Load (BTUH)		
Rear	Urethane, Standard panels		4.000	-	.14	28.57	45.		9.67		8.50 8		158		
Right End	Urethane, Standard panels		4.000	0	14 28.57			85.0 7.7		***		46	154		
French		Door	nanala	4.000		1.4	15.00 28.57	85. 85.		3.00			20	123 273	
Front Left End	Urethane,			4.000	-	.14 .14	28.57	85.	-	9.67 7.75		8.50 82 8.50 66		2/3	
	eft End Urethane, Standard p Urethane, Standard p							- 05.		9.67					
Floor	On Grade		10.000		.31	32.32					7.75 75		336		
Ceiling	Urethane, Standard panels			4.000	0	14 28.57		85.	85.0 9.67		7.	75	75	249	
		VOL	.UME (ft <sup>3</sup> )	637			то	TAL W	ALL, I	FLOOR	AND (	EILIN	G LOA	D 1,512	
		INFILT	RATION L	OAD : E	STIMA	TED I	BY DOOF	IS AND	OPE	NINGS					
Quantity	Door or (	pening	Туре		eight (in)		n)	(°F) .	(%		pen Tir (hrs)	<sup>ne</sup> Cur	tains	Load (BTUH)	
1		Door		7	8.00	36	.00	85.0	55	5.0	0.18	N	one	1,830	
			ΤΟΤΑ	L INFI	LTRAT	ION L	OAD ES	FIMATE	ED BY	DOOR	S AND	) OPEN	INGS	1,830	
				<u>i de p</u>	RÖDUC	编辑 编辑 化合金	ashiran shi a	last Maria							
Туре						eight Enter T lb) (°F		-	• •		np Pull Down (hrs)		n	Load (BTUH)	
General, Mixed Products, Approximation						37		.0		-10.0		24		114	
	TAL PRODUCT					37	7 TOTAL				PRODUCT LOAD			114	
		漫転着り		MISC	ELLAN	EOUS	LOADS								
Quantity	ity Description						Powe		ι	Jnits		ın Tim (hrs)	e	Load (BTUH)	
LIGHTING						1		1	W/ft <sup>2</sup>	_	24		256		
2			RATOR MOT	ORS				0		W	-	22		375	
								TOT	AL M	ISCELI	ANEO	US LO	AD	631	
				SYSTE	1 DES	GN S	UMMAR				2.55 같아. 고등학교				
Design Load (BTUH)	Safety L	afety oad TUH)	Run Time (Hours)	Capa Requ (BTL	ired	Refri	Refrigerant F		Line Frequency (Hz)		n TD <sup>=</sup> )	D Line Loss (°F)		Condense Ambient (°F)	
4,088		,497	18	5,9	-	R4	148A	60		10	)	0.5		105	
		1990, Maria Ing Palahan Ing Ing	SY	STEM E	QUIP	1ENT	SELECTI	ON							
Equipment Type Quantity Moc			Model Nu	umber			Description					Voltage		Rating (BTUH)	
Condensing Unit 1			BEZA020L8-HT3D			EZ-Line Scroll/Condensing Units-Air						208-230/3/60		6,384	
Evaporator 1 BLP207LE-					to be the state	Low Pro	a sea a se base?	orato	٢	20	08-230/1	/60	7,189		
	<u>가 해외할 중 등 특</u>				122624 122	BALA	NCE	ため、日本語の語と							
Fan Lo	ad (BTUH)		Suction Te		,	-	Evapor	9 9	(°F)		Sys		pacity 5,516	(BTUH)	
			~19	.J		1		7					,510		

BOIND NATIONAL REFRIC	BEZA020L8-HT3D												
159 ROY BLVD, PO BOX 2020 BRANTFORD, ON	EZ-LINE SCROLL												
CANADA N3T 5Y6	CONDENSING UNITS-AIR SUBMITTED BY : Laura Craig												
PURCHASER :	SUBWITT												
PROJECT : McDonald Green Elem ORDER # : 06338.56873.00469-A00				DATE FEM #		Oct 2022	<u> 2022</u>						
QUOTE # : Q10EULCB		1	ID #										
PURCHASER'S PO # :	<u> </u>		TAC	GING					<del>,</del>				
	МО	DEL FE	ATURES		<u> </u>								
3/8" Tubing coil construction (reduces efrigerant operating charge) Anti-short cycle time delay Adjustable pressure fan cycling contro n 2 fan models only Copper tubing secured with cushion lamps Crankcase heater Fan Guard	<ul> <li>Fan motors are internal overload</li> <li>Pre-formed pip</li> <li>Receiver with 1 off valve</li> <li>Suction Service</li> <li>Adjustable floo (unless otherwis</li> <li>Units are shipp charge</li> <li>Weatherproof</li> </ul>	<ul> <li>internal overloads</li> <li>Pre-formed piping</li> <li>Receiver with fusible plug and liquid shut off valve</li> <li>Suction Service valve</li> <li>Adjustable flooded head pressure control (unless otherwise indicated)</li> <li>Units are shipped with Helium holding charge</li> <li>Weatherproof electrical control box with compressor contactor and fused control</li> </ul>						ded hermetic Scroll compressor ustable low pressure control with ose / fixed high pressure control with SmartSpeed Technology n efficiency enhanced copper tube luminium fin coil design npatible with Low GWP Refrigerants door weatherproof pre-painted steel et					
OPTION PACKAGES Small B (Good@Warm/Moderate) Small N (Better@Warm/Moderate) Small P (Best@Warm/Moderate) Small D (Good@Moderate/Cold) Small J (Better@Moderate/Cold) Small J (Better@Moderate/Cold) Small Q (Best@Moderate/Cold) Small K Small H ELECTRIC DEFROST KIT DFK-02 115V Control Circuit ADJUSTABLE PRESSURE CONTROLS Johnson Dual with flex hose Separate High/Low: MAN Reset on HP BALL VALVE * Liquid Line tiquid Line * Suction Line Suction Line CAPACITY CONTROL - HOT GAS BYPASS To Inlet of Evaporator To Suction Line Compressor Circuit Breaker CONDENSING UNIT PRISON PACKAGE Tamper Proof Screws Crankcase Pressure Regulator CONTACTORS 30A Contactor 40A Contactor 60A Contactor	All Motors Va	VAP EFF r Evap er Evap er Evap Hood e Check V e Temper SWITCH RS + SPE riable Spe PRESSUR Control e Control e Control Control Kit G L is rcondens isulated I FERIAL el tion Line	Valve rature Sensor EED CONTROLLEI sed - 230V Units E CONTROL MPRESSOR WAR	٤		*Standard *Standard OIL SEPAR, With Oil F One Time P Oversized I PHASE / VO 3-Lead 6-Lead (M Pump Down QuickVac V Receiver In Sub Cooling SUCTION A With Heat Without H SUCTION F SUCTION	IE SOLENOII I 230V Coil I 115V Coil I 115V Coil ATOR ATOR Iter and Soler ump Down Receiver DLTAGE MON otorSaver455 n Toggle Sw Iter Ball Valv t Electrical g Circuit CCUMULATC Exchanger eat Exchanger eat Exchanger lat Exchanger lat Exchanger lat Exchanger lat Exchanger lat Exchanger lat Exchanger lat Exchanger lat Exchanger lat Style agon 8145 S agon 8145 S	D VALVE noid (IITOR ) itch e PR r					
VOLTAGE SYSTEM	REFRIGERANT		RATING			ON TEMP	AMBIENT	TEMP	CAR	ACITY			
	R448A		2Hp	+		.5 °F	105			BTUH			
FANS		MPRES			Ē		CIRCUIT						
QTY POWER FLA/FAN	TYPE	QTY	RLA	LR	۹.	AMPS	WATTS	MCA		MOP‡			
1 100W 1	ZF07KAE-TF5	1	8.6	58		9.6		11.		20			
	UND -		REC CAPACI			L <b>1 lb</b>			APPR	OVALS			
	IGHT 315 I	IT 315 Ib REF CHARGE						4 lb					
NOTES: <sup>+</sup> MCA Minimum Circuit Ampacity, <sup>‡</sup> MCA & MOP are for the condensing un AWEF = 3.1 for R404A/R507/ AWEF = other refrigerants.	nit ONLY. Single poir	nt conn	ections WILL					all	c (L) us				
PPROVED BY :				C	DATE :			1					
										ige			

ATIONAL REFRIGERATION AND AIR CONDITIONING CANADA CORP.	BEZA020L8-HT3D
159 ROY BLVD, PO BOX 2020	EZ-LINE SCROLL
BRANTFORD, ÓN CANADA N3T 5Y6	CONDENSING UNITS-AIR
PURCHASER :	SUBMITTED BY : Laura Craig
PROJECT : McDonald Green Elem	DATE : 11 Oct 2022
ORDER # : 06338.56873.00469-A00	ITEM # : 4
QUOTE # : Q10EULCB-A PURCHASER'S PO # :	ID # : TAGGING :
FURCHASERS FO # .	
SELECTED OPTION	DESCRIPTIONS
<u>Electric Defrost Kit - DFK-02</u>	
ectric Defrost Kit includes:	
echanical Time Clock:	
me initiated temperature terminated with a timed failsafe.	
ontactors:	
nree pole definite purpose, 230V or 115V coll as defined by	
e control circuit voltage	
trCont1x 40A	
use Blocks:	
< 30A (2P) Class CC	
Liquid Line Filter + Sight Glass - Sealed	
porlan C Series with ODF solder connections and Sporlan SA	
oisture indicator factory installed in liquid line.	
<u> Option Packages - Small B (Good@Warm/Moderate)</u>	
-FD+SG	

l.



	ATIONAL RE				T	<u> </u>	BLP26	)71	E-S2D	•			
AIR CONDITIONING CANADA CORP. 159 ROY BLVD, PO BOX 2020 BRANTFORD, ON					BLP207LE-S2D LOW PROFILE								
CANADA N3T 5Y6								PORA	TOR				
PURCHASER :					SUBMITT		Laura C						
PROJECT : McDonald Green Elem ORDER # : 06338.56873.00469-A00					т-	TEM # :	: 11 Oct 2	2022					
	E # : Q10EU		03-AUU		1	ID # :						·	
PURCHASER'S P					TAC	GING			· ·				
			MO	DEL FE/	ATURES								
<ul> <li>3/8" Tubing coil construction (reduces refrigerant operating charge)</li> <li>Factory installed solenoid valve wire harness</li> <li>Heavy gauge textured aluminum cabinet construction resists scratches/corrosion</li> <li>Spacious piping end compartment allows for easy assembly</li> <li>Hinged drain pan to drain connection (3/</li> <li>Front access to sp. header compartment</li> <li>Schrader connection</li> <li>Attractive and duration partment allows for easy assembly</li> </ul>					4" drain)Commutated Motor (ECM)icious electrical and• ECM with SmartSpeed Technologyis• High efficiency enhanced copper tubein on suction header• and aluminium fin coil designible high density• 6 FPI								
	•	мо	DEL OPTIO	NS ( *	= Shipped I	oose		/4 <i>/</i> 1/ N.	507710440	AV 1144	<i>514</i> 7 K-4	07A	
PRE-ASSEMBLED SmartVap+ with Sporlan TXV, LLS KE2 Evap Efficien *KE2 Evap Efficien Coll Temp Senso Return Air Temp DEMAND DEFROS CONTROLLER KE2 Adaptive Co *KE2 Therm Evap *KE2 Therm Evap *KE2 Therm Evap	EEV + Solvlv SV,T-stat ncy w/Sporlan ency w/Sporla ency w/Sporla ency w/Sporla nector I PC BOARDS r Sensor ST ELECTROI ntrol ontrol orator Efficier		Display EXPANSIO Sporlan T2 Sporlan E1 EEV for Sr EVAPORAT Tamper Pr Export Cra COIL COAT E-Coat FIN MATEF Gold Coat Copper Fin Insulated I KE2 THERN *CAT5e SI w/connect 40' Leads Ethernet A *Remote 0	+ Contro N VALV XV EV Toof Screet ting TING TING TING TING TING TING TING TING	ol Board and <b>TE</b> <b>SON PACKA</b> aws <b>an</b> Cable - 50ft sors + Transo Kit	<b>AGE</b> ducers	1       Spi         Dual       Wire         Nitro       ROO         1       Me         *Ja       Joh         Joh       Wire         REM       *2:         11       Mir         drag       *1:         INST       1         1       P-tt         box       1         Inst       1	orlan Volta ogen M TH chanic echanic echanic echanic echanic ohnsor inson e Fan OTE I 30V Cu 15V Cu TALLA imum in line rap pe	ical A19ABC A421AB A421ABC <b>Guards</b> <b>DEFROST</b> ontrol ontrol <b>ATION RI</b> a slope of	and S ATS C-02C -02 PANE EQUIR 1" per	30V F ealed :L EMEN foot o outsid	i <b>ield</b> I I <b>TS</b> Din all de of	
VOLTAGE	SYC	STEM REFRIG	ERANT	<u> </u>	AIR FLOW	F	EVAP. TEM	PI	BOX TE	MP		ACITY	
208-230/1/60	0.0	R448A			1500 CFM		-19 °F		-10			5 BTUH	
FANS	· ···			HEATER					CIRCUIT				
QTY POWER	FLA/FAN	T	YPE	QTY	AMPS		AMF		WATTS	MCA	,†	MOP‡	
2 0.07HP	0.6						1.2	2	120	1.4		15	
			ST HTRS		8.2				1890	10.		15	
	<u>/8 in</u> /8 in	SOUND WEIGHT	-		REC CAPACI		1 lb				APPR	OVALS	
SUCTION 7 NOTES:	76 lb		REF CHARC					. HSF					
† MCA Minimum C	ircuit Ampacil	ty, ‡ MOP I	Maximum Ov	/ercurre	nt Protection								
APPROVED BY :					D	ATE :		I	1				
Approval of this d made hereor	rawing signifient of the second se											nge	
									PAGE	12	OF	14	

AIR CONDITIONING CANADA CORP.	BLP207LE-S2D
159 ROY BLVD, PO BOX 2020 BRANTFORD, ON CANADA N3T 5Y6	LOW PROFILE EVAPORATOR
PURCHASER :	SUBMITTED BY : Laura Craig
PROJECT : McDonald Green Elem	DATE : 11 Oct 2022
ORDER # : 06338.56873.00469-A00	ITEM # : 5
QUOTE # : Q10EULCB-A	ID # :
PURCHASER'S PO # :	TAGGING :

#### Expansion Valve - Sporlan TXV

NATIONAL DEEDICEDATION AND

May be Type EBQ, S, SBF, O externally equalized thermostatic expansion valve. Valves are selected using the specified capacity and operating conditions of the refrigeration system as specified on the accompanying Certified Prints.

#### Installation Requirements - Insulated drain line requires heat - 20W/ft

Freezer condensate drain lines must be insulated and heated with a minimum of 20 watts per foot.

#### Installation Requirements - Minimum slope of 1" per foot on all drain lines

Bally recommends a minimum slope of 1" per foot on all drain lines.

#### Installation Requirements - P-trap per evap required outside of box

All evaporators must be trapped individually outside of the box to prevent vapor migration back to coil surface.

#### Liquid Line Solenoid Valve - Sporlan

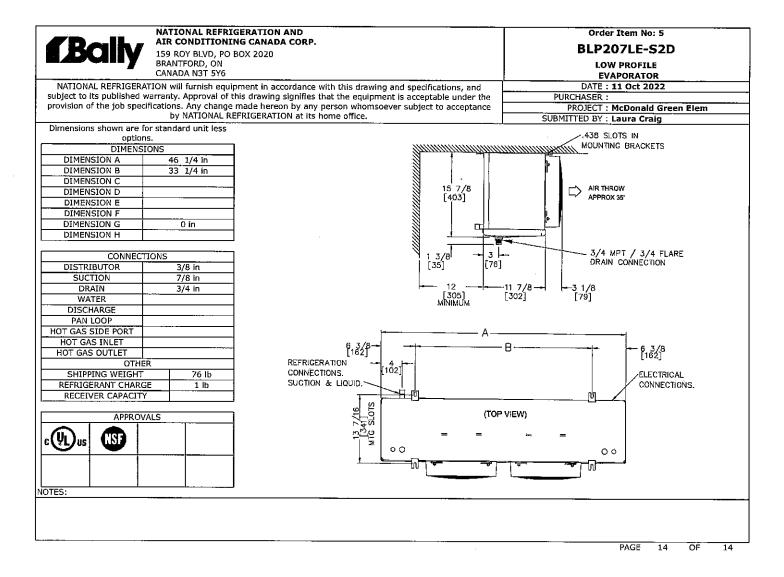
Sporlan solenoid coil voltage matches evaporator voltage except when evaporator is 460V, then 230V solenoid coil is used. Exceptions must be clearly explained in the Notes of the option.

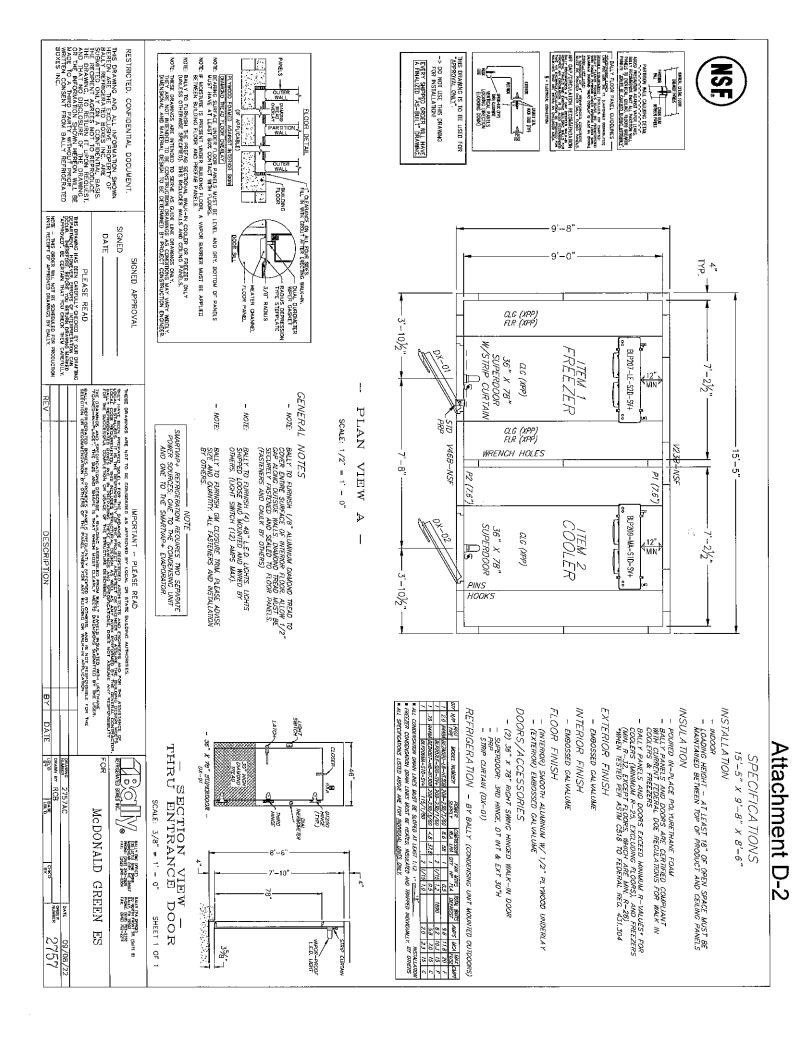
#### Pre-assembled Evap - Sporlan TXV, LLSV,T-stat

Option Package consists of factory installed Sporlan balance port TXV, Sporlan liquid line solenoid valve and Johnson Controls A19 Room thermostat.

#### Room Thermostats - Mechanical

Single stage temperature control with Single-Pole, Double-Throw (SPDT) mechanical switch. May be Johnson A19 or equal, Operating range of -30°F to +100°F. Adjustable differential of 3°F to 12°F. Factory installed and wired.







**Specifications** 

09/16/2022

### SWANSON-GIRARD

CULINARY SOLUTIONS

Project From McDonald Green Elem- Lancaster Swanson-Girard & Assoc. County Schools Becky Jersey

From Swanson-Girard & Assoc. Becky Jersey 10420 Southern Loop Blvd. Pineville, NC 28134 (704)521-8811 (888)521-0778 0000 (Contact) (704)521-8801 (Fax) bjersey@swanson-girard.com

The following discounts have been applied to this quotation. No additional discounts can be taken off the net price shown.

To ensure all discounts are applied correctly when ordering please send **ALL ORDERS** to Swanson-Girard. Email: <u>orders@swanson-girard.com</u> or Fax: 704-521-8801

# For Tracking information please either reach out to SGA office or Autoquotes Order Status.

#### ITEM Cooler - SHELVING, WITH METAL FRAME (8 REQ'D)

#### Metro Model PR2460NK3 Dimensions: 60(w) x 24(d)

Super Erecta Pro™ Shelf, 60"W x 24"D, removable polymer shelf mat, Metroseal 3™ epoxy-coated frame, builtin Microban product protection, split sleeves, attaches to Super Erecta® round posts, NSF

- 8 ea Model PR2448NK3 Super Erecta Pro<sup>™</sup> Shelf, 48"W x 24"D, removable polymer shelf mat, Metroseal 3<sup>™</sup> epoxy-coated frame, built-in Microban product protection, split sleeves, attaches to Super Erecta<sup>®</sup> round posts, NSF
- 16 ea Model 74PK3 Super Erecta<sup>®</sup> SiteSelect<sup>™</sup> Post, 74-1/2"H, adjustable leveling bolt, posts are grooved at 1" increments & numbered at 2" increments, double grooved every 8", Metroseal 3 Green epoxy coated corrosion-resistant finish with Microban<sup>®</sup> antimicrobial protection
- 1 ea Model HP2236PD Metro Bow-Tie<sup>™</sup> Dunnage Rack, 22" x 36" x 12"H, slotted, with separate polymer tie for joining racks, corrosion proof polymer construction, NSF

#### ITEM Freezer - SHELVING, WITH METAL FRAME (8 REQ'D)

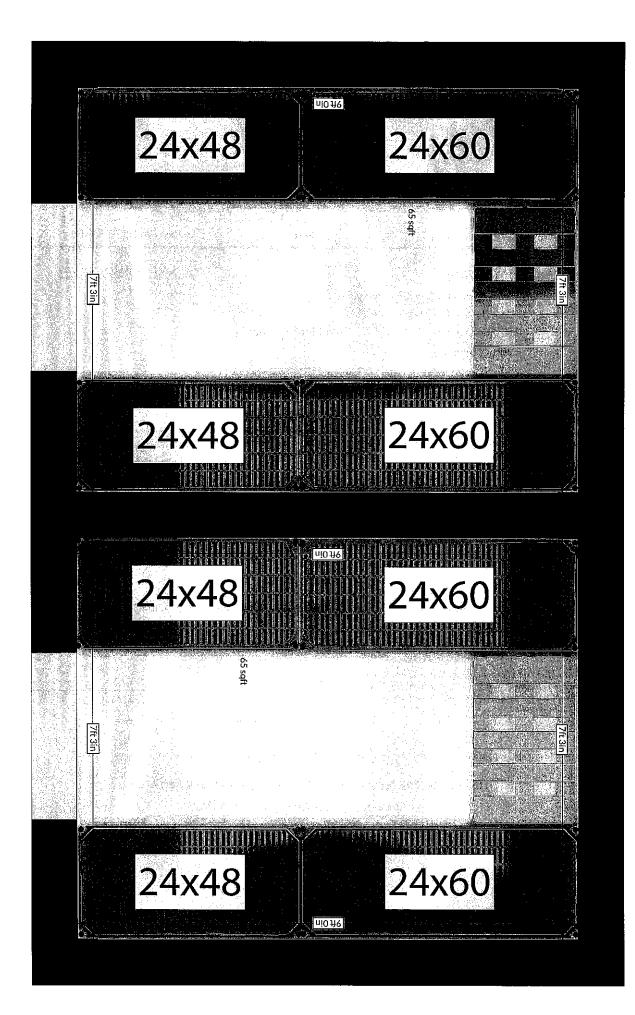
#### Metro Model PR2460NK3 Dimensions: 60(w) x 24(d)

Super Erecta Pro<sup>™</sup> Shelf, 60"W x 24"D, removable polymer shelf mat, Metroseal 3<sup>™</sup> epoxy-coated frame, builtin Microban product protection, split sleeves, attaches to Super Erecta<sup>®</sup> round posts, NSF

- 8 ea Model PR2448NK3 Super Erecta Pro<sup>™</sup> Shelf, 48"W x 24"D, removable polymer shelf mat, Metroseal 3<sup>™</sup> epoxy-coated frame, built-in Microban product protection, split sleeves, attaches to Super Erecta<sup>®</sup> round posts, NSF
- 16 ea Model 74PK3 Super Erecta<sup>®</sup> SiteSelect<sup>™</sup> Post, 74-1/2"H, adjustable leveling bolt, posts are grooved at 1" increments & numbered at 2" increments, double grooved every 8", Metroseal 3 Green epoxy coated corrosion-resistant finish with Microban<sup>®</sup> antimicrobial protection
- 1 ea Model HP2236PD Metro Bow-Tie<sup>™</sup> Dunnage Rack, 22" x 36" x 12"H, slotted, with separate polymer tie for joining racks, corrosion proof polymer construction, NSF



This quotation is based on our understanding of the information provided to us. While we make every effort to ensure that the quote is correct, **IT IS ULTIMATELY THE CUSTOMER'S RESPONSBILITY TO CHECK THE QUOTE FOR ERRORS**. We are not responsible for this quotation meeting your requirements based on incorrect information. Please check our quotation carefully. Anything not listed will not be furnished. **All items are quoted as each unless otherwise shown**.



Attachment D-4

METRO

#### **Bally Refrigerated Boxes, Inc.** IРС Morehead City, NC 28557 (800) 242-2559 2751-001-R05-LC **Ouote** No: Item No: Last Update: 10/12/2022 Job Name: South Middle School **Revisor:** Laura Craig Date: 10/12/2022 PVD: 10/3/2022 To: All Bidders From: Laura Craig Swanson-Girard & Associates , 10420 Southern Loop Blvd Attn: Pineville, NC 28134 Phone: Fax: (704)521-8801 **Box Shape** Indoor Structure **NSF APPROVED**



# Bally Prefabricated Exterior Dimensions: 19'-3"(l) x 11'-7"(w) x 8'-6"(h) 2 Compartments 1 Tiers With Floor 4" Floor Ceiling: Single Span

Panel Thickness:

4 in. Exterior Vertical Used (7'-10") with 4 in. Partition, 4 in. Floor, 4 in. Ceiling

# Details on Following Page(s) NOTE: Freight shown is an estimate based on current published rates. A fuel surcharge will be added and changes continuously. Walk-in Price: NOTE: Freight shown is an estimate based on current published rates. A fuel surcharge will be added and changes continuously. Walk-in Price: Total Price (FOB Plant) (Less Refrig. Warranties): Estimated Freight: Optional Warranties: (not included in Total Price) (1) 00 3/4 HP System (5 yr. Parts , 1 yr. Labor) (1) 00 3/4 HP System (5 yr. Parts , 1 yr. Labor)

(1) 02.5 HP System (5 yr. Parts, 1 yr. Labor)

#### Payment terms and conditions are available upon request.

This quotation was based on information supplied to us which may or may not have been complete. Customer is responsible for reviewing this quotation for exclusions, deviations, and any improper information supplied to us.

Signature:
Laura Craig
Date:

We are not responsible for the selection or recommendation of the panel finish for any building or walk-in application.

NOTE: Quoting Bally standard specifications, sizes, and finishes. This quotation is good through 11/26/2022

Act of 2007 (Public Law 110-140) Title III; Section 312, regarding Walk-In Coolers and Walk-In Freezers.

B	ally	Bally Refrigerated Boxes Morehead City, NC 2855	, ,
	-	Quote No: Item No:	2751-001-R05-LC
Last Updat Revisor: To: All , Attr	Laura Craig Bidders	Job Name: Date: From:	South Middle School 10/12/2022 <b>PVD:</b> 10/3/2022 Laura Craig Swanson-Girard & Associates 10420 Southern Loop Blvd Pineville, NC 28134
		Phone:	Fax: (704)521-8801

#### Indoor Structure

#### **NSF APPROVED**

#### **Bally Prefabricated Exterior Dimensions:**

19'-3"(l) x 11'-7"(w) x 8'-6"(h)

2 Compartments 1 Tiers With Floor 4" Floor

Ceiling: Single Span

#### Panel Thickness:

4 in. Exterior Vertical Used (7'-10") with 4 in. Partition, 4 in. Floor, 4 in. Ceiling

Details and specifications for Quote No:

2751-001-R05-LC

#### Base Finish

Comments:

Vertical and Ceiling Panels: Embossed Galvalume (26 GA)

#### Special Finishes:

Interior Floor - Aluminum Treadplate .125" Thick

#### Doors/Openings:

Wall 1 Door 1 Wall 1 Door 1 Wall 1 Door 1 Wall 1 Door 2 Wall 1 Door 2	<ol> <li>(1) 36" x 78" Hinged Door In a 46"</li> <li>(1) Ext.Alum Diam/Tread Ramp (30-36" Door)</li> <li>(1) Super Door 36" Wide and Under, 30" High</li> <li>(1) 36" x 78" Hinged Door In a 46"</li> <li>(1) Bally Standard Pressure Relief Port (&lt; 400 sq/ft)</li> </ol>
Wall 1 Door 2 Wall 1 Door 2 Wall 1 Door 2	<ol> <li>(1) Ext.Alum Diam/Tread Ramp (30-36" Door)</li> <li>(1) Strip Curtain (36" Door and Under)</li> <li>(1) Super Door 36" Wide and Under, 30" High</li> </ol>

Accessories and Extras:

(4) 48" LED KEIL 48x754-CL-N Light - 40° F to 100° F(Range)

Floor Options:

(240) S/F 1/2" Plywood Foamed in Panel

	-	Quote No:	2751-001-R05-LC	
Tunt Tim Juda 1	10/12/2022	Item No:		
<b>x</b>		Job Name:	South Middle School	
<i>To:</i> All Bidders	aura Craig	Date:	10/12/2022 <b>PVD</b> :	10/3/2022
<i>to:</i> All bluders	\$	From:	Laura Craig	
			Swanson-Girard & Associa	ates
,			10420 Southern Loop Blvd	1
Attn:		Pineville, NC 28134		
Refrigeration:		Phone (1) BEZA 007 H8 HT3DB (208-23 Scroll Unit 7190 BTU	: Fax: (7)	04)521-8801
Refrigeration:		(1) BEZA 007 H8 HT3DB (208-23	<i>Fax:</i> (70 30/3/60) w/ smart speed 0/3/60) w/ smart speed for 1 Evap. tandard use at a box tempera for the freezer with a conde	ture of

Weight: 6,581.25

Destination: Lancaster, SC, 29720

<b>Bally</b>	Bally Refrigerated Boxe Morehead City, NC 2855	•
Last Update: 10/12/2022 Revisor: Laura Craig To: All Bidders , , Attn:	Quote No: Item No: Job Name: Date: From: Phone:	2751-001-R05-LC South Middle School 10/12/2022 <b>PVD:</b> 10/3/2022 Laura Craig Swanson-Girard & Associates 10420 Southern Loop Blvd Pineville, NC 28134 <b>Fax:</b> (704)521-8801

#### Deviations (Alternates, Remarks, Clarifications, Etc.):

Bally Floor Panels are capable of supporting up to 800 lbs. Per Sq/Ft uniformly distributed stationary loading. Bally does not recommend the use rolling loads of heavy carts, pallet jacks or fork lifts on top of the floors. Warranty for floors subjected to this type of use would not be covered by Bally.

Exclusions (Items Not Su	upplied by	) Bally).
--------------------------	------------	-----------

V.	Shelving, Racks, Interior Accessories	V	Caulking and Sealants
	Labor on Warranties		Refrigeration Systems
$\checkmark$	Alarm Systems	$\square$	Refrigeration Accessories
Ø	Supervision	Ø	Closure Panel and Trim
☑	Tubing, Wiring for Rfg. Equipment	☑	Sleeves, Penetrations, Escutcheon Plates
Ø	Compressor Rack	Ø	Floor Insulation and Vapor Barrier

Cancelled Orders: Cancelled unshipped standard walk-ins will be charged a 30% restocking fee plus the cost of special panels. Cancelled refrigeration systems will be charged a 30% restocking fee and the cost of any freight accrued. Buy-out items will be charged a 25% restocking fee plus any freight accrued.

Agency Ratings: Bally units comply or surpass applicable Flame Spread-25, UL, UL 723, & NSF standards in a manner conforming to ASTM E-84, and Factory Mutual standards.

Quotation Limitations: This quotation was based upon the specifications given to Bally which may possibly be incomplete. Bally is not responsible for items missing from the quotation due to incomplete or excluded items in the specifications received from the customer. The customer is responsible for reviewing the quotation for omissions or deviations from the specifications given to Bally. All portions of the quotation are subject to revision upon receipt of detailed specifications or if changes are made following the delivery of the original quotation. Quotations expire on the date indicated on Pagel of the Quote. Approval drawings must be returned within 60 days of receipt of the purchase order. The order must ship within the agreed upon time frames or current lead times, but no later than 7 months. Any deviations to this quotation (dimensions or specification changes) will require updated pricing.

Panel Construction: Bally Panels are manufactured with environmentally friendly HFC 245-FA polyurethane foam. This polyurethane foam offers the highest thermal insulation value and the most energy efficiency per cubic inch in comparison to similar foams. It has a zero Ozone Depletion Potential (ODP) and a low Global Warming Potential (GWP). It is not considered a Volatile Organic Compound (VOC) in the US. Standard 4" Bally panels meet the 2009 Federal Energy Standards.

Refrigerants: Unless otherwise specified, refrigeration systems are quoted with environmentally friendly HFO R448A refrigerant. It has a Low Global Warming Potential (GWP) and the EPA lists it as an acceptable substitute for R404A and other high GWP refrigerants.

Automatic Door Closers: Bally includes automatic door closers and spring loaded hinges on all doors 42" wide and smaller as a standard feature with no additional charge that meet the 2009 Federal Energy Standards.

Motors: Bally units are quoted with EC and PSC motors in compliance with federal energy standards, for increased energy savings.

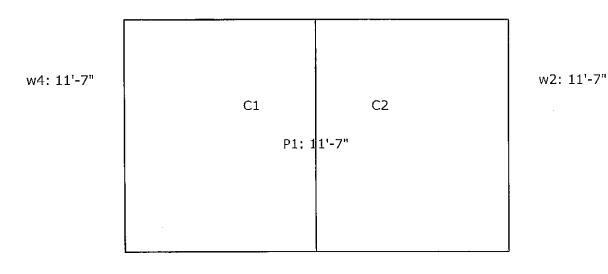
Lighting: Bally units are quoted with lighting in compliance with federal Energy Standards for increased energy savings.

Optional Features: Bally offers additional optional energy-saving features such as Walk-In Alarm & Light Management systems that comply or surpass the 2009 Federal energy regulations.

<b>Bally</b> <sup>®</sup>	Bally Refrigerated Boxes Morehead City, NC 2855	-
Last Update: 10/12/2022 Revisor: Laura Craig	Quote No: Item No: Job Name: Date:	2751-001-R05-LC South Middle School 10/12/2022 <b>PVD:</b> 10/3/2022
To: All Bidders , , Attn:	From:	Laura Craig Swanson-Girard & Associates 10420 Southern Loop Blvd Pineville, NC 28134
	Phone:	<i>Fax:</i> (704)521-8801

This drawing is for reference purposes only and it not intended to be a formal scale model.







DOOR 1: Wall1 36" x 78" Hinged Door In a 46" Offset:4'-0" Hinge:Right Orientaion:Regular DOOR 2: Wall1 36" x 78" Hinged Door In a 46" Offset:15'-0" Hinge:Right Orientaion:Regular PARTITION 1: Wall 1 Offset:9'-8" from wall 2 Connect

#### South Middle School Cooler Combo LOAD CALCULATION





Application		Walk-in Co			en de la sectore	97503999 AA	ocation	Indoor	31.025 (1999) (1993) 1993 - Children Brands, 1993)			elinear e figiera di s		
Application Internal Temp	General 35		nternal RH	84	<u>.</u>		ernal Temp			Euto	rnal RH		55%	
Wall Load	958 B		Infiltration	996 E			roducts	625 B					801 BTUH	
	28			29	-	<sup>-</sup>	Toduces		19%		miscellaneous		24%	
K MAGNAU					-		LING LO		-					
能感覺能夠認知			WA	<ul> <li>- Merchardterführtagter</li> </ul>	ne astronomice		LING LU	2014年1月1日日本 1月1日日日 1月11日 1月111 1月111 1月111 1月111 1月111 1月111 1月1111 1月1111 1月1111 1月1111 1月1111 1月1111 1月11111 1月11111 1月11111 1月11111 1月11111 1月11111 1月111111		<b>88</b> (39)		- 398-3		
Section		Construct	on	Thickne (in)	<sup>ss</sup> K Fa	ctor	R Value	Ext Temp (°F)	Dim 1 (ft)			Area (ft²)	Load (BTUH	
Rear	Ureth	iane, Standa	rd panels	4.000	0.	14	28.57	35.0	11.70	8.	.50	99		
Right End	Ureth	<u>iane, Standa</u>	rd panels	4.000	0.	14	28.57	85.0	9.80		.50	64	112	
		Door					15.00	85.0	3.00	_	.50	20	65	
Front		nane, Standa		4.000	•.	14	28.57	85.0	11.70		.50	99	174	
Left End		nane, Standa		4.000	0.	14	28.57	85.0	9.80	8.	.50	83	146	
Floor		On Grade		10.00		31			11.70			115	262	
Ceiling	Ureth	nane, Standa	rd panels	4.000	0.	14	28.57	85.0	11.70	9.	80	115	201	
		v	OLUME (ft <sup>3</sup> )	975			тот	'AL WALL,	FLOOR /	AND (	CEILING	LOAD	958	
		INF	ILTRATION	LOAD :	ESTIM	ATED	BY VOLL	JME AND L	JSAGE			编辑的	凝胶的	
Devi Heere	Inte	rnal Temp	Internal	Rh 🗌	Externa	l Ten	np Ex	ternal Rh	Ver	ntilati	ion	LC	ad	
Box Usage		(°F)	(%)		(°			(%)	(	(CFM)		(ВТ	UH)	
Regular		35	84		8	5	5 55			996		96		
있는 것은 것은 2000년 2011년 2011년 1월 19 1년 1월 19 1년 2011년 2011		· 推进的公式的问题		P	RODUC	T LO	١DS			분을 있다. 제품 등 등 등	「「「「「「「」」」である。 「「「「「」」」の「「「」」」			
ante a la suborna de servició setes parte	1991) - 1992 - 1993 - 1994 - 1993 -		APPLIER RESERVED A STORE CONTRACTOR	1977 - HO DA HORID ID HAD	Wei	aht	Enter '	Temp   Fir	al Temp	Pu	Ill Down	O 0441 Y 141 040 67 5	Load	
		Туре			(II		(°I				(hrs) (BTUH		BTUH)	
Gene	eral, Mixed	Mixed Products, Approximation		1,9	49			35.0			625			
то	TAL PROI		iHT (lbs)		1,9	49			TOTAL P	RODL	JCT LOA	D	625	
				MISC	ELLANI	eous	LOADS							
Quantity			Description			Power Units		Units	Run Time (hrs)			Load BTUH)		
			LIGHTING			1			W/ft <sup>2</sup>		24		391	
2		EVA	PORATOR MOT	ORS			60	)	W		24		409	
								TOTAL	MISCELL	ANEC	DUS LOA	D	801	
				et al angel tra	「「「「「通常の見合う」	GN S	UMMARY	Delta de la composition de la compositio			後、1等。 後、1時、遭			
Design Load (BTUH)	Safety Factor	Safety Load (BTUH)	Run Time (Hours)	Capa Requ (BTI	ired	Refrigerant		Line Frequency (Hz)	Desigr (°F		Line Lo (°F)	CĆ	ondense Imbient (°F)	
3,380	10%	3,718	16	5,5	77	R4	04A	60	10.3	1	0.5		105	
			SY SY	STEM B	QUIPM	IENT	SELECTI	<b>DN</b>						
Equipment 1	ype Qu	uantity	Model Nu	mber			Des	cription			Voltage		Rating BTUH)	
Condensing l	Jnit	1	BEZA007H8	3-HT3D		EZ-Li		Condensing		20	08-230/3/	60		
Evaporato	r	1	BLP209MA	A-S1D			Low Profi	le, Evaporat	or		115/1/60			
		station of the second sec	·公司的公司。 ····································	·····································	STEM	BALA	NCE				和成的10月間 17月1日(第			
Fan Lo	ad (BTUH)	)	Suction Te	<u> </u>	)		Evapora	tor TD (°F	)	Sys	tem Cap	acity (	BTUH)	
			26.	26.4			8.1			6,866				

	ATIONAL RI IR CONDITI 9 ROY BLVD, PO BO	ONING CA		-		В	EZAOO7		BD		
E BR	ANTFORD, ON					c			TR I		
PURCHA							Laura Craig				
	ECT : South	Middle Sch	ol Lancaster	r SC	0000000		11 Oct 2022				
	ER # : 06338			50	-1	EM # :					
	TE # : Q10E					ID # :					
PURCHASER'S F						GING :					
	<u> </u>		MO		ATURES	.01110					
3/8" Tubing coil con				e inherei	ntly protected	with	Welded her				
frigerant operating of Anti-short cycle time			Pre-formed pip				<ul> <li>Adjustable flex hose / fi</li> </ul>				
Adjustable pressure		_			lug and liquid	shut	• ECM with S				л
2 fan models only	ian cycning c		<sup>i</sup> valve				High efficie				he
Copper tubing secur	ed with cushi		Suction Service				and aluminiu			pertu	be
imps	eu men ouom	• /			id pressure co	ntrol	<ul> <li>Compatible</li> </ul>			frigera	ants
Crankcase heater		•	nless otherwis		,		Outdoor w				
Discharge line temperature sensor char			• •	bed with	Helium holdin	g	cabinet		. 1 1.		
Fan Guard			•	oloctrico	l control box v	dth					
					d fused contro						
			cuit			51					
		M	DDEL OPTIO	NS ( *	= Shipped L	.oose )					
OPTION PACKAGES			DEFROST KIT			· · · · · /	ΓΙΟΛΙΡ ΓΙ		+ SIGHT	GLASS	6
-	• •	_	USE W/KE2		F)		1 Sealed				
Small N (Better@Warm/Moderate)			Up to 30A pe 35A to 50A p				Replacea		Deleve		
Small P (Best@Warm/Moderate) Small D (Good@Moderate/Cold)			Over 50A pe					e Lock-Out I INE SOLENO		F	
Small J (Better@Mod			Discharge Air					d 230V Coil		-	
Small Q (Best@Mode			Discharge Lin				*Standar	d 115V Coil			
Small K		_	DISCONNECT	SWITCH	4		OIL SEPA				
Small H			Fused Non-Fused					Filter and Sol			
115V Control Circuit		<u>د</u>		DRS + SP	EED CONTROL	LER	One Time Pump Down				
Johnson Dual with fi		° –	EC FAN MOTORS + SPEED CONTROLLER All Motors Variable Speed - 230V Units					Oversized Receiver PHASE / VOLTAGE MONITOR			
Separate High/Low			ELECTRONIC PRESSURE CONTROL								
Separate High/Low:	MAN Reset on H	IP 🖕	Low Pressure					MotorSaver45			
BALL VALVE			High Pressur Export Cratin					vn Toggle Si	witch		
Liquid Line		I	EXTENDED 4-		MPRESSOR		QuickVac	Valves Inlet Ball Va	hva		
*Suction Line			WARRANTY					nt Electrical			
Suction Line			Copeland					ACCUMULAT			
CAPACITY CONTROL	- HOT GAS BY	'PASS	Extended Leg Kit					it Exchanger			
To Inlet of Evaporate	or	_	COIL COATIN	G			Heat Exchang	er			
To Suction Line		L	FIN MATERIA	AL.							
Compressor Circuit I CONDENSING UNIT		AGE	Gold Coat Fi				Sealed T Replacea	• •			
Tamper Proof Screw			Copper Fins				TIME CLO				
Crankcase Pressure			Hail Guard fo		8145 Style						
CONTACTORS			Heated and I HOUSING MA		Receiver			aragon 8145 :			
30A Contactor			Stainless Ste					aragon 8145 .	Style		
40A Contactor 60A Contactor			Insulated Suc		e		Wind Gua	rd ling Valve(s	<b>`</b>		
J							L		,		
VOLTAGE	CV	STEM REFRI	GERANT	<u> </u>	RATING		CTION TEMP	AMBIENT	TEMP	CAPA	L T
208-230/3/60		R404A			0.7Hp	+	26.4 °F	105		6866	
FANS	1.			MPRES	SOR			CIRCUIT	TOTAL		
QTY POWER	FLA/FAN		TYPE	QTY	RLA	LRA		WATTS	MCA <sup>.</sup>	t   M	40P
1 100W	1		KAE-TF5	<u>  1</u>		37.8		<u> </u>	7		15
	/8 in /8 in	SOUND WEIGHT	183	<u> </u>	REC CAPACI		5 lb 3 lb			APPRO	JVAI
NOTES:	7011	WLIGHT	1 103 !!			·-				c(U)us	
+ MCA Minimum C MCA & MOP are for WEF = 7.6 for R40	the condens	ing unit ONL	Y. Single poir	nt conn	ections WILL	show d N mod	ifferent on da el for all other	taplate. - refrigeran	ıts	<u> </u>	
PROVED BY :				•			· · · · · · · · · · · · · · · · · · ·	DATE :			
Approval of this d	rawing signifi	ies that the	equipment is	accepta	ble under the	e provis	ion of the iob	specificatio	ons. Anv	chano	ge
							ion of the job REFRIGERATI				ge

NATIONAL REFRIGERATION AND AIR CONDITIONING CANADA CORP.	BEZA007H8-HT3D
AIR CONDITIONING CANADA CORP. 159 ROY BLVD, PO BOX 2020 BRANTFORD, ON CANADA N3T 5Y6	EZ-LINE SCROLL CONDENSING UNITS-AIR
PURCHASER :	SUBMITTED BY : Laura Craig
PROJECT : South Middle School Lancaster SC	DATE : 11 Oct 2022
ORDER # : 06338.58290.00469-A00	ITEM # : <b>1</b>
QUOTE # : Q10EULCB-A	ID # :
PURCHASER'S PO # :	TAGGING :

#### SELECTED OPTION DESCRIPTIONS

#### <u>Liquid Line Filter + Sight Glass - Sealed</u>

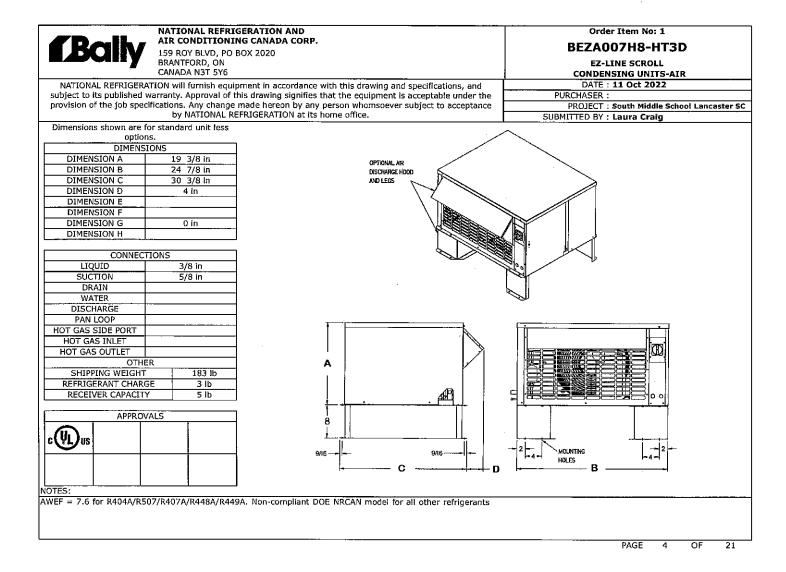
Sporlan C Series with ODF solder connections and Sporlan SA moisture indicator factory installed in liquid line.

#### Option Packages - Small B (Good@Warm/Moderate) LLFD+SG

#### Time Clock - 115V Paragon 8145 Style

115V Defrost timer is time initiated, temperature or pressure terminated with a timed failsafe. Timer is shipped loose in a box for field installation.

Approval of this drawing signifies that the equipment is acceptable under the provision of the job specifications. Any change made hereon by any person whomsoever subject to acceptance by NATIONAL REFRIGERATION at its home office.



	GERATION AND IG CANADA CORP.	BLP209MA-S1D					
159 ROY BLVD, PO BOX 2020 BRANTFORD, ON CANADA N3T 5Y6		LOW PROFILE EVAPORATOR					
PURCHASER :		SUBMITTED BY : Laura Craig					
PROJECT : South Middl	e School Lancaster SC		E : 11 Oct 202				
ORDER # : 06338.5829		ITEM #					
QUOTE # : Q10EULCB-	A	ID #					
PURCHASER'S PO # :		TAGGING	G :				
<ul> <li>3/8" Tubing coil construction (reduces efrigerant operating charge) Factory installed solenoid valve wire arness Heavy gauge textured aluminum abinet construction resists cratches/corrosion Spacious piping end compartment llows for easy assembly</li> <li>PRE-ASSEMBLED EVAP SmartVap+ with EEV + Solvlv Sporlan TXV, LLSV,T-stat KE2 Evap Efficiency w/Sporlan EEV KE2 Evap Efficiency w/Sporlan EEV Aux Sideport Connector CABINET FINISH Painted White Stainless Steel SENSORS FOR CPC BOARDS Coil Temp Sensor Return Air Temp Sensor DEMAND DEFROST ELECTRONIC CONTROLLER KE2 Therm Evaporator Efficiency KE2 Therm Evaporator Efficiency KE2 Therm Evaporator Efficiency KE2 Temp+Defrost SmartVap+ Control Board and Display</li> </ul>	EVAPORATOR PRI Tamper Proof Scr Export Crating COIL COATING E-Coat FIN MATERIAL Gold Coat Fins Copper Fins Insulated Drain P KE2 THERM CAT5e Shielded w/connectors	h central universal drain) ous electrical and on suction header e high density is nically CM) = Shipped Loose /E 0+ nnect Switch ISON PACKAGE rews Pan Cable - 50ft sors + Transducers Kit Display	<ul> <li>High efficie and aluminiu</li> <li>6 FPI</li> <li>AWEF = 9.</li> <li>Unit Cooler with R404A/R507 C</li> <li>LIQUID Sporlar</li> <li>Dual Vo Wired</li> <li>Nitroger ROOM T</li> <li>Mechar *Mechar</li> <li>*Johns Johnso</li> <li>Wire Far REMOTE</li> <li>*230V</li> <li>*115V</li> <li>INSTALI</li> <li>Minimu drain li</li> <li>P-trap box</li> </ul>	r is AWEF/NRCAN compliant 7/R448A/R449A/R407A/R407 LINE SOLENOID VALVE n Itage Coil 120-230V Field n Charged and Sealed THERMOSTATS nical anical son A19ABC son A421ABC-02C n A421ABC-02C n A421ABC-02 n Guards E DEFROST PANEL Control Control Control LATION REQUIREMENTS Im slope of 1" per foot on all			
	REFRIGERANT	AIR FLOW	EVAP. TEMP	BOX TEMP CAPACIT			
115/1/60 F	R404A	1500 CFM	EVAP. TEMP 26.9 °F	35 °F 6866 BTU			
115/1/60 FANS	R404A HEATER	<b>1500 CFM</b>	26.9 °F	35 °F 6866 BTU CIRCUIT TOTAL			
115/1/60         F           FANS         F           QTY         POWER         FLA/FAN	R404A	1500 CFM	26.9 °F	35 °F 6866 BTL CIRCUIT TOTAL WATTS MCA† MOP			
115/1/60         F           FANS         F           QTY         POWER         FLA/FAN           2         0.07HP         1	R404A HEATER TYPE QTY	1500 CFM S AMPS	26.9 °F	35 °F         6866 BTL           CIRCUIT TOTAL         WATTS         MCA <sup>+</sup> MOP           120         2.3         15			
115/1/60         F           FANS         FANS           QTY         POWER         FLA/FAN           2         0.07HP         1	R404A HEATER TYPE QTY	<b>1500 CFM</b>	26.9 °F	35 °F         6866 BTL           CIRCUIT TOTAL         WATTS           WATTS         MCA†           MOP         2.3           120         2.3           APPROVA			
115/1/60         FANS           FANS         FANS           QTY         POWER         FLA/FAN           2         0.07HP         1           ISTRIBUTOR         3/8 in         SOU           SUCTION         7/8 in         WEI	R404A     HEATER       TYPE     QTY       JND     -       GHT     70 lb	1500 CFM       S       AMPS       REC CAPACITY       REF CHARGE	26.9 °F AMPS 2	35 °F         6866 BTL           CIRCUIT TOTAL         WATTS         MCA <sup>+</sup> MOP           120         2.3         15			
115/1/60         FANS           FANS         FANS           QTY         POWER         FLA/FAN           2         0.07HP         1           JISTRIBUTOR         3/8 in         SOL	R404A     HEATER       TYPE     QTY       JND     -       GHT     70 lb	1500 CFM       S       AMPS       REC CAPACITY       REF CHARGE	26.9 °F AMPS 2	35 °F         6866 BTL           CIRCUIT TOTAL         WATTS           WATTS         MCA†           MOP         2.3           120         2.3           APPROVA			
115/1/60         FANS           FANS         FLA/FAN           QTY         POWER         FLA/FAN           2         0.07HP         1           DISTRIBUTOR         3/8 in         SOU           SUCTION         7/8 in         WEI           NOTES:         Content         Content	R404A     HEATER       TYPE     QTY       JND     -       GHT     70 lb	1500 CFM       S       AMPS       REC CAPACITY       REF CHARGE	26.9 °F AMPS 2 1 Ib	35 °F         6866 BTL           CIRCUIT TOTAL         WATTS           WATTS         MCA†           MOP         2.3           120         2.3           APPROVA			

AIR CONDITIONING CANADA CORP.	BLP209MA-S1D
AIR CONDITIONING CANADA CORP. 159 ROY BLVD, PO BOX 2020 BRANTFORD, ON CANADA N3T 5Y5	LOW PROFILE EVAPORATOR
PURCHASER :	SUBMITTED BY : Laura Craig
PROJECT : South Middle School Lancaster SC	DATE : 11 Oct 2022
ORDER # : 06338.58290.00469-A00	ITEM # : 3
QUOTE # : Q10EULCB-A	ID # :
PURCHASER'S PO # :	TAGGING :

#### SELECTED OPTION DESCRIPTIONS

#### Expansion Valve - Sporlan TXV

May be Type EBQ, S, SBF, O externally equalized thermostatic expansion valve. Valves are selected using the specified capacity and operating conditions of the refrigeration system as specified on the accompanying Certified Prints.

#### Installation Requirements - Minimum slope of 1" per foot on all drain lines

Bally recommends a minimum slope of 1" per foot on all drain lines.

#### Installation Requirements - P-trap per evap required outside of box

All evaporators must be trapped individually outside of the box to prevent vapor migration back to coil surface.

#### Liquid Line Solenoid Valve - Sporlan

Sporlan solenoid coil voltage matches evaporator voltage except when evaporator is 460V, then 230V solenoid coil is used. Exceptions must be clearly explained in the Notes of the option.

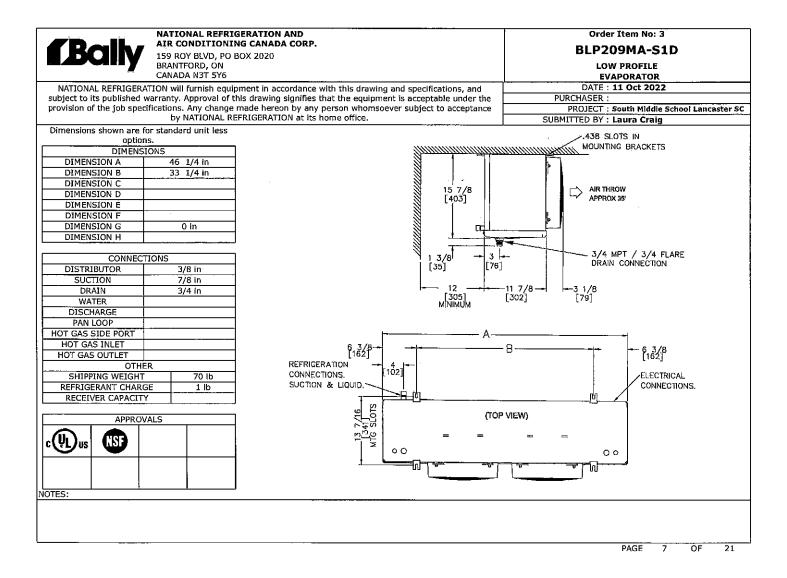
#### Pre-assembled Evap - Sporlan TXV, LLSV,T-stat

Option Package consists of factory installed Sporlan balance port TXV, Sporlan liquid line solenoid valve and Johnson Controls A19 Room thermostat.

#### **Room Thermostats - Mechanical**

Single stage temperature control with Single-Pole, Double-Throw (SPDT) mechanical switch. May be Johnson A19 or equal, Operating range of -30°F to +100°F. Adjustable differential of 3°F to 12°F. Factory installed and wired.

Approval of this drawing signifies that the equipment is acceptable under the provision of the job specifications. Any change made hereon by any person whomsoever subject to acceptance by NATIONAL REFRIGERATION at its home office.



# **Bally**



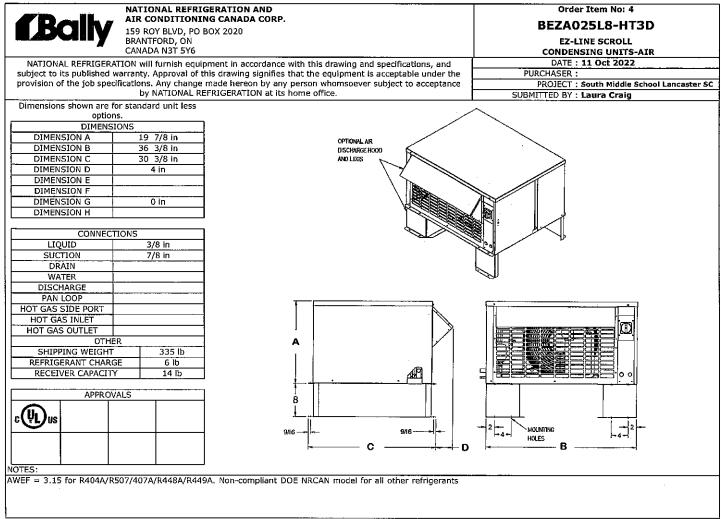


- 1997年の1月1日の日本 第二編集集会「公司」					COOL	ING REC	QUIR	EMENTS							1964 등 6월 2011년 1964 - 전문 1911년 1964 - 전문 1911년
Application		ral Walk-in	Free	zer			Ĺ	ocation	Indo	or					
Internal Temp		-10 ºF		ernal RH	95	%	Exte	ernal Tem	р			Exte	ernal RH		55%
Wall Load	1,9	963 BTUH	Ini	filtration	2,063		F	Products	1	75 BT		Misc	ellaneous	7	67 BTUH
and when detracted their survey in our set	Per adapter a site	40%			42	ale a la sel		and mild which a state of		4%					15%
n hanne an s Samer an s				WA	LL, FLC	OR ANI	) CEI	LING LO	DADS	19448941 (1995)					도 가는 가려가 가지. 도 사람 사람 것 같아요.
Section		Constr	uctio	n	Thickne (in)	ess K Fa	ctor	R Value	Ext Te		Dim 1 (ft)		im 2 (ft)	Area (ft²)	Load (BTUH)
Rear		Irethane, Sta			4.000		14	28.57	35.	0	11.70	8	3.50	99	157
Right End	[ ι	lrethane, Sta		panels	4.000	0.1	14	28.57	85.	-	9.80		3.50	64	212
			or			_		15.00	85.		3.00	_	5.50	20	123
Front		rethane, Sta			4.000			28.57	85.		11.70	_	3.50	99	331
Left End	<u> </u>	Irethane, Sta	andard	panels	4.000	) 0.1	14	28.57	85.	0	9.80	8	3.50	83	277_
Floor		On G	irade	On Concrete	10.00			32.32			11.70	-	9.80	115	482
Ceiling	<u>ι</u> ι	Irethane, Sta	andard	panels	4.000	0.:	14	28.57	85.		11.70		9.80	115	381
			vo	LUME (ft <sup>3</sup> )	975			тÓ	TAL W	ALL,	FLOOR /	AND	CEILING	G LOA	D 1,963
			INFI	LTRATION	LOAD :	ESTIM/	<b>ATED</b>	BY VOL	UME A	ND U	SAGE				
Box Usage	I	nternal Ter (°F)	mp	Internal (%)	Rh	Externa (°i		np E	xternal (%)	Rh		ntila CFM			Load BTUH)
Regular		-10		95		8	5		55						2,063
			物影		P	RODUC	T LO	ADS							
		Туре				Wei (It	~		· Temp PF)	Fin	al Temp (°F)	P	ull Dowr (hrs)	וי	Load (BTUH)
Gene	eral, Miz	ed Products	, Appr	oximation		97			0.0		-10.0		24		175
то	TAL P	RODUCT W	EIGH	T (lbs)		97	5			T	TOTAL P	ROD	UCT LOA	D	175
	iga në s Den ta s				MISC	ELLANE	ous	LOADS							
Quantity			D	escription				Po	wer		Units	F	tun Time (hrs)		Load (BTUH)
				LIGHTING					1		W/ft <sup>2</sup>		24		391
2			EVAPO	DRATOR MOT	ORS			(	50		W		22		375
	2	an a		· · Joogings, · · · · · · · · · · · · · · · · · · ·	an angina san da	Page - States	网络网络索索	TOLEASAN	S. Sector States		IISCELL	ANE	OUS LOA		767
						왕왕주말한 한	GN S	UMMAR	and the						
Design Load (BTUH)	Safet Facto		nd	Run Time (Hours)	Capa Requ (BT		Refri	gerant	Lin Frequ (Hz	ency	Design (°F		Line Lo (°F)	DSS	Condensei Ambient (°F)
4,967	10%	5,46	54	18	7,2	85	R4	148A	60	)	10		0.5		105
(A) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )				SY	STEM	EQUIPM	ENT	SELECT	ION						
Equipment T	ype	Quantity		Model Nu	mber			De	scriptio	on			Voltage	e	Rating (BTUH)
Condensing L	Jnit	1		BEZA025L8	3-HT3D		EZ-Li	ine Scroll,	Conden	sing l	Jnits-Air	1	208-230/3,	/60	. ,
Evaporato	r 🔤	1		BLP209LE	-S2D			Low Pro	file, Eva	porato	or		208-230/1,	/60	
					AND THE PARTY OF A	YSTEM I	BALA				en ingeneren Der Ster Gestarten er st				
Fan Loa	ad (BT	UH)		Suction Te		•)		Evapor	ator TD	(°F)		Sy	stem Cap		(BTUH)
				-19.	.4				8.9				8,	,441	

	ATIONAL REF IR CONDITIO					E	BEZA025	L8-HT3D	
Baily AIR CONDITIONING CANADA CORP. 159 ROY BLVD, PO BOX 2020 BRANTFORD, ON				EZ-LINE SCROLL					
E BR	ANTFORD, ON NADA N3T 5Y6				CONDENSING UNITS-AIR				
PURCHA	SER :				SUBMIT	TED BY	: Laura Craig	]	
PROJ	ECT : South M	liddle Scho	ol Lancaster	SC		DATE	: 11 Oct 202	2	
	R # : 06338.		69-A00			ITEM #	: 4		
	TE # : Q10EUI	_CB-A				ID # :			
PURCHASER'S P	0#:					GGING	:		
					ATURES				
3/8" Tubing coil con			an motors ar			ted		oof electrical con	
frigerant operating of	_ /		h internal ove re-formed pij		5		compressor o circuit	contactor and fu	sed control
Anti-short cycle time Adjustable pressure			eceiver with		plug and lig	uid		metic Scroll com	pressor
1 2 fan models only	Tan cycinig coi		it off valve	TUSIDIC	ping and inq	ulu		low pressure cor	
Copper tubing secur	ed with cushio		uction Servic	e valve	3			high pressure co	
amps			djustable floo				<ul> <li>High efficie</li> <li>aluminium fii</li> </ul>	ncy enhanced co	opper tube and
Crankcase heater			trol (unless o					e with Low GWP I	Refrigerants
Discharge line temp	erature sensor		nits are ship	ped wit	h Helium ho	olding		eatherproof pre-	
Fan Guard		cna	irge				cabinet		
		MO	DEL OPTIO	NS (*	= Shipped	Loose	)		
OPTION PACKAGES			DEFROST KIT	-				INE FILTER + SI	GHT GLASS
. Small B (Good@War			(USE W/KE2 I		ŦF)		1 Sealed		
Small N (Better@Wa Small P (Best@Warn			Up to 30A pe 35A to 50A p				Replacea	able <b>1e Lock-Out Rela</b> y	
Small D (Good@Mod			Over 50A per					INE SOLENOID V	
Small J (Better@Mod	· ·		Discharge Air					rd 230V Coil	
Small Q (Best@Mode Small K	erate/Cold)		Discharge Lin Discharge Lin			.r	• Standa OIL SEPA	rd 115V Coil	
Small H			DISCONNECT			<i>.</i>	_	Filter and Solenoid	I
ELECTRIC DEFROST	кіт		Fused					Pump Down	
L DFK-02			Non-Fused	DC T CI		IIED		d Receiver	~~
115V Control Circuit ADJUSTABLE PRESS			SmartSpeed	NJ T JI		LLER	PHASE / 1	VOLTAGE MONIT	OR
Johnson Dual with fl			ELECTRONIC					(MotorSaver455)	
Separate High/Low			Low Pressure High Pressure					wn Toggle Switch	ו
Separate High/Low: BALL VALVE	MAN Reset on HP		Export Crating		1		QuickVac	i vaives Inlet Ball Valve	
*Liquid Line			EXTENDED 4-		OMPRESSOR			int Electrical	
Liquid Line			WARRANTY Copeland					ng Circuit	
Suction Line			Extended Leg	Kit				ACCUMULATOR at Exchanger	
CAPACITY CONTROL	- HOT GAS BYP	ASS	COIL COATIN	G				Heat Exchanger	
To Inlet of Evaporate	or		E-Coat				SUCTION		
To Suction Line Compressor Circuit I	Tropker		Gold Coat Fir				Sealed T	Type able Core	
CONDENSING UNIT		ie 🗆	Copper Fins						
Tamper Proof Screw			Hail Guard for				Paragon 8145 Style		
Crankcase Pressure	Regulator		Heated and Insulated Receiver HOUSING MATERIAL				*230V Paragon 8145 Style *115V Paragon 8145 Style		
30A Contactor			Stainless Ste	el			Wind Gua		
40A Contactor			Insulated Suc	tion Lin	e			ding Valve(s)	
60A Contactor									
VOLTAGE	<u>eve</u>	TEM REFRIC			RATING		UCTION TEMP	AMBIENT TEN	1P CAPACIT
208-230/3/60	515	<b>R448A</b>	JEKANI		2.5Hp		-19,4 °F	105 °F	8441 BTU
FANS			CO	MPRES				CIRCUIT TO	
QTY POWER	FLA/FAN		YPE	QTY	RLA	LR/	A AMPS		ICA† MOP
1 240W	1.1	ZF08I	K4E-TF5	1	9.6	63	10.7	1	.3.1 20
	/8 in	SOUND	-		REC CAPA		14 lb		APPROVAI
and a second	/8 in	WEIGHT	335 lb	<b>)</b>	REF CHAR	KGE	6 lb		
NOTES:		+ •••= -	–						e 🕀 us
† MCA., Minimum C							difforant on d-	tanlata	
MCA & MOP are for AWEF = 3.15 for R4									
ANG - 3.13 IUI KA	07/10//40/	AV INTO ON K	TTIN NUTC	omhiig				a remyerants	
								DATE :	<u> </u>
PPROVED BY :							1		
PPROVED BY :		- 16- 1 11							A
Approval of this d								specifications. ON at its home	

	RIGERATION AND NING CANADA CORP.	BEZ	A025L8-HT3D
159 ROY BLVD, PO BOX			Z-LINE SCROLL
BRANTFORD, ON CANADA N3T 5Y6	-		ENSING UNITS-AIR
PURCHASER :		SUBMITTED BY : Laura	a Craig
	lle School Lancaster SC	DATE : 11 O	ct 2022
ORDER # : 06338.582		ITEM # : 4	
QUOTE # : Q10EULCE PURCHASER'S PO # :	5-A	ID # : TAGGING :	
		indend :	
	SELECTED OPTION DE	SCRIPTIONS	
<u>Electric Defrost Kit - I</u>	<u> DFK-02</u>		
ectric Defrost Kit includes:			
echanical Time Clock:			
me initiated temperature terminated wi	ith a timed failsafe.		
ontactors:			
nree pole definite purpose, 230V or 115	V coil as defined by		
e control circuit voltage	,		
rCont1x 40A			
ise Blocks:			
< 30A (2P) Class CC			
Liquid Line Filter + Sight G	lass - Sealed		
porlan C Series with ODF solder connec			
oisture indicator factory installed in liqu			
Option Packages - Small B (Good			

pproval of this drawing signifies that the equipment is acceptable under the provision of the job specifications. Any change made hereon by any person whomsoever subject to acceptance by NATIONAL REFRIGERATION at its home office.



PAGE 11 OF 21

BOIN NATIONAL REFRIGERATION AND AIR CONDITIONING CANADA CORP. 159 ROY BLVD, PO BOX 2020			BLP209LE-S2D								
<b>I DUI</b>	159 ROY BLVD, P BRANTFORD, ON	PO BOX 2020									
	CANADA N3Ť 5Y6				EVAPOR		-				
I	PURCHASER :	ith Middle 9	School Lancaster SC		BY : Laura Craig TE : 11 Oct 2023						
	ORDER # : 063				#:5	<u> </u>					
	QUOTE # : <b>Q1</b>			ID # :							
PURCHASER'S PO # :				TAGGING :							
			MODEL FE		1 111 CC 1	. =					
efrigerant oper Factory instal arness Heavy gauge onstruction res	coil construction (re rating charge) led solenoid valve v textured aluminum sists scratches/corr ng end compartmen bly	wire 1 cabinet rosion	<ul> <li>Hinged drain pan with drain connection (3/4"</li> <li>Front access to space header compartments</li> <li>Schrader connection</li> <li>Attractive and durable polyethylene fan guard</li> </ul>	drain) ous electrical and on suction heade e high density	Commutated • ECM with S • High efficie	Motor (EC SmartSpeed ncy enhan m fin coil d is AWEF/N	:M) d Techno ced cop design NRCAN o	per tube compliant			
	·······.		MODEL OPTIONS ( *	= Shipped Loos		KJU7/K440	Ay 1449	A/R407A			
Sporlan     KE2 Evap     KE2 Kap     CABINET     Painted v     Stainless     SENSORS     Coil Tem     Return A     DEMAND     CONTROL     KE2 Adag     *KE2 Adag	White Steel FOR CPC BOARD p Sensor ir Temp Sensor DEFROST ELECT	orlan TXV orlan EEV oorlan TXV oorlan EEV DS RONIC	SmartVap+ Contr Display EXPANSION VALV I Sporlan TXV Sporlan EEV EEV for SmartVap EVAPORATOR PR Tamper Proof Scr Export Crating COIL COATING E-Coat FIN MATERIAL Gold Coat Fins Copper Fins Insulated Drain P KE2 THERM *CAT5e Shielded w/connectors	/E ISON PACKAGE ews Pan	Wired Nitrogen ROOM T Mechar *Johnso Johnso Wire Fai 8230V *230V *115V INSTALI 1 Minimu drain lii P-trap	tage Coil Charged HERMOST ical nical on A19ABC on A421ABC n Guards DEFROST Control Control Control ATION RI m slope of	and Se ATS C-02C -02 PANE EQUIRE 1" per t	ealed			
	erm Evaporator Ef	ficiency '	Ethernet Adapter     *Remote Combo     *Liquid / Suction	Kit Display	1 Insulat 20W/ft	ed drain lin	ie requii	res heat -			
VOLTAG	erm Evaporator Ef uit E		Ethernet Adapter *Remote Combo	Kit Display	1 Insulat 20W/ft		÷	res heat - CAPACI			
*KE2 The Dual Circu	erm Evaporator Ef uit E	SYSTEM RE	Ethernet Adapter *Remote Combo *Liquid / Suction	Kit Display <b>Heat Exchange</b> AIR FLOW <b>1410 CFM</b>	1 Insulat 20W/ft	BOX TE - <b>10</b> °	MP				
VOLTAG	erm Evaporator Ef uit E L/60 FANS	SYSTEM RE R4	Ethernet Adapter *Remote Combo *Liquid / Suction FRIGERANT 48A HEATER	Kit Display <b>Heat Exchange</b> AIR FLOW <b>1410 CFM</b> S	Insulate 20W/ft EVAP. TEMP -18.9 °F	BOX TE -10 CIRCUIT	EMP PF TOTAL	CAPACI <b>8441 BT</b>			
VOLTAG 208-230/1	erm Evaporator Ef uit E L/60 FANS DWER FLA/F/	SYSTEM RE R4	Ethernet Adapter *Remote Combo *Liquid / Suction	Kit Display <b>Heat Exchange</b> AIR FLOW <b>1410 CFM</b>	Insulate 20W/ft  EVAP. TEMP -18.9 °F AMPS	BOX TE -10 C CIRCUIT WATTS	MP F TOTAL MCA	CAPACI 8441 BT			
VOLTAG 208-230/1	erm Evaporator Ef uit E L/60 FANS	SYSTEM RE R4	Ethernet Adapter *Remote Combo *Liquid / Suction FRIGERANT 48A HEATER	Kit Display <b>Heat Exchange</b> AIR FLOW <b>1410 CFM</b> S	Insulate 20W/ft EVAP. TEMP -18.9 °F	BOX TE -10 CIRCUIT	EMP PF TOTAL	CAPACI 8441 BT			
VOLTAG 208-230/1	erm Evaporator Ef uit E I/60 FANS DWER FLA/F/ 07HP 0.6	SYSTEM RE R4	Ethernet Adapter *Remote Combo *Liquid / Suction *Liquid / Suction 48A HEATER TYPE QTY EFROST HTRS	Kit Display Heat Exchange AIR FLOW 1410 CFM S AMPS	Insulate 20W/ft  EVAP. TEMP -18.9 °F AMPS	BOX TE -10 C CIRCUIT WATTS 120	MP F TOTAL MCA 1.4 10.3	CAPACI 8441 BT			
VOLTAG 208-230/1 QTY PC 2 0. DISTRIBUTOR SUCTION	erm Evaporator Ef uit E I/60 FANS DWER FLA/F/ 07HP 0.6	SYSTEM RE R4 AN	Ethernet Adapter *Remote Combo *Liquid / Suction *Liquid / Suction 48A HEATER TYPE QTY EFROST HTRS D -	Kit Display Heat Exchange AIR FLOW 1410 CFM S AMPS 8.2	Insulate 20W/ft  EVAP. TEMP -18.9 °F AMPS	BOX TE -10 C CIRCUIT WATTS 120	MP F TOTAL MCA 1.4 10.3	CAPACI 8441 BT 15 15 APPROVA			
VOLTAG 208-230/1 QTY PC 2 0. DISTRIBUTOR SUCTION NOTES:	E L/60 FANS DWER FLA/F/ O7HP 0.6 3/8 in 7/8 in	SYSTEM RE R4 AN SOUNI WEIGH	Ethernet Adapter *Remote Combo *Liquid / Suction *Liquid / Suction 48A HEATER TYPE QTY EFROST HTRS D -	Kit Display Heat Exchange AIR FLOW 1410 CFM S AMPS B.2 REC CAPACITY REF CHARGE	Insulate 20W/ft     EVAP. TEMP     -18.9 °F     AMPS     AMPS     1.2	BOX TE -10 C CIRCUIT WATTS 120	MP F TOTAL MCA 1.4 10.3	CAPACI 8441 BT MOF 15 15			
VOLTAG Dual Circu VOLTAG 208-230/1 QTY PC 2 0. DISTRIBUTOR SUCTION NOTES:	E L/60 FANS DWER FLA/F/ O7HP 0.6 3/8 in 7/8 in	SYSTEM RE R4 AN SOUNI WEIGH	Ethernet Adapter *Remote Combo *Liquid / Suction *Liquid / Suction #8A HEATER TYPE QTY EFROST HTRS D - iT 80 lb	Kit Display Heat Exchange AIR FLOW 1410 CFM S AMPS B.2 REC CAPACITY REF CHARGE	Insulate 20W/ft EVAP. TEMP -18.9 °F -18.	BOX TE -10 C CIRCUIT WATTS 120	MP F TOTAL MCA 1.4 10.3	CAPACI 8441 BT 15 15 APPROVA			

)

BOILD NATIONAL REFRIGERATION AND AIR CONDITIONING CANADA CORP. 159 ROY BLVD, PO BOX 2020	BLP209LE-S2D
159 ROY BLVD, PO BOX 2020 BRANTFORD, ON CANADA N3T SY6	LOW PROFILE EVAPORATOR
PURCHASER :	SUBMITTED BY : Laura Craig
PROJECT : South Middle School Lancaster SC	DATE : 11 Oct 2022
ORDER # : 06338.58290.00469-A00	ITEM # : 5
QUOTE # : Q10EULCB-A	ID # :
PURCHASER'S PO # :	TAGGING :

#### SELECTED OPTION DESCRIPTIONS

#### Expansion Valve - Sporlan TXV

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May be Type EBQ, S, SBF, O externally equalized thermostatic expansion valve. Valves are selected using the specified capacity and operating conditions of the refrigeration system as specified on the accompanying Certified Prints.

#### Installation Requirements - Insulated drain line

#### requires heat - 20W/ft

Freezer condensate drain lines must be insulated and heated with a minimum of 20 watts per foot.

#### Installation Requirements - Minimum slope of 1" per

#### foot on all drain lines

Bally recommends a minimum slope of 1" per foot on all drain lines.

#### Installation Requirements - P-trap per evap required

#### outside of box

All evaporators must be trapped individually outside of the box to prevent vapor migration back to coil surface.

#### Liquid Line Solenoid Valve - Sporlan

Sporlan solenoid coil voltage matches evaporator voltage except when evaporator is 460V, then 230V solenoid coil is used. Exceptions must be clearly explained in the Notes of the option.

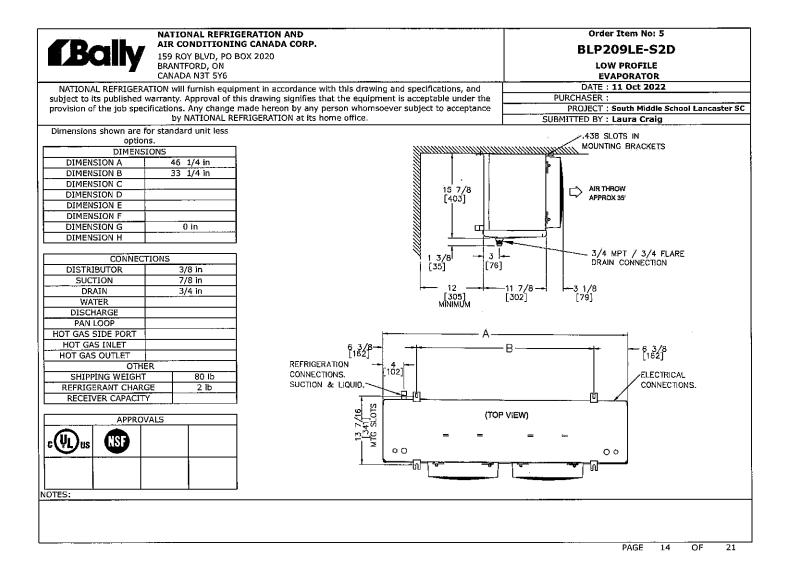
#### Pre-assembled Evap - Sporlan TXV, LLSV, T-stat

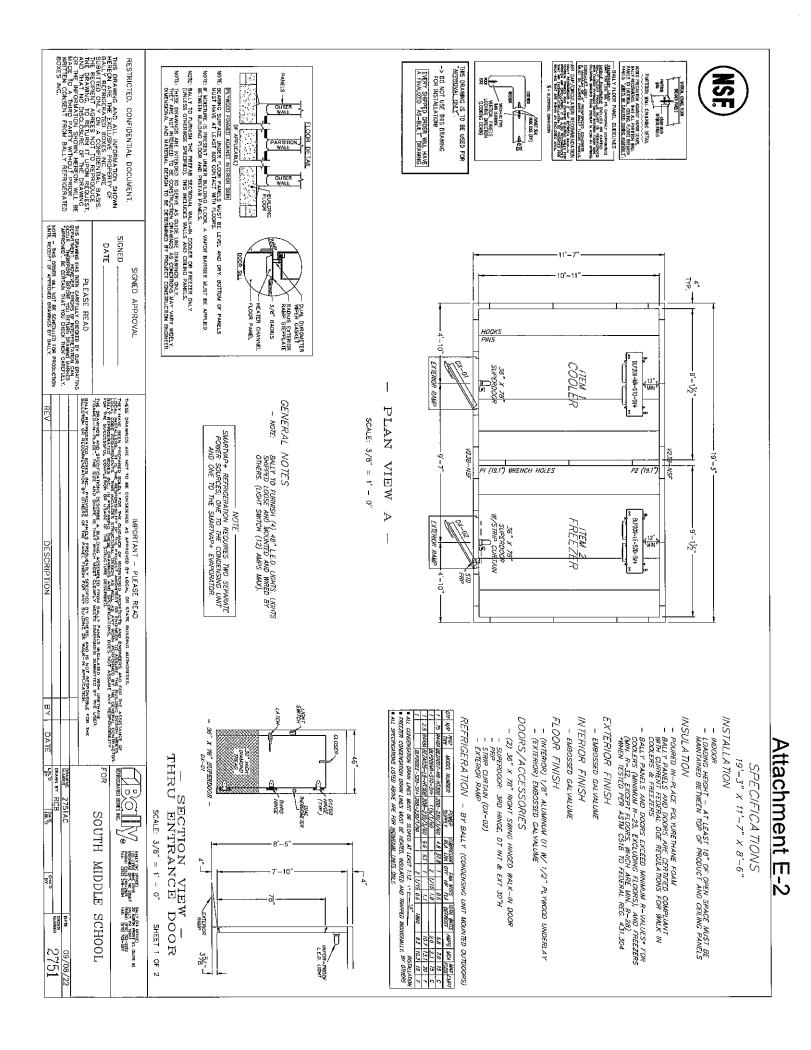
Option Package consists of factory installed Sporlan balance port TXV, Sporlan liquid line solenoid valve and Johnson Controls A19 Room thermostat.

#### **Room Thermostats - Mechanical**

Single stage temperature control with Single-Pole, Double-Throw (SPDT) mechanical switch. May be Johnson A19 or equal, Operating range of -30°F to +100°F. Adjustable differential of 3°F to 12°F. Factory installed and wired.

Approval of this drawing signifies that the equipment is acceptable under the provision of the job specifications. Any change made hereon by any person whomsoever subject to acceptance by NATIONAL REFRIGERATION at its home office.







# **Specifications**

## SWANSON-GIRARD

CULINARY SOLUTIONS Project South Middle School

From Swanson-Girard & Assoc. Becky Jersey 10420 Southern Loop Blvd. Pineville, NC 28134 (704)521-8811 (888)521-0778 0000 (Contact) (704)521-8801 (Fax) bjersey@swanson-girard.com

#### ITEM Combo SHELVING, WITH METAL FRAME (4 REQ'D)

#### Cooler -

#### Metro Model PR2448NK3 Dimensions: 48(w) x 24(d)

Super Erecta Pro™ Shelf, 48"W x 24"D, removable polymer shelf mat, Metroseal 3™ epoxy-coated frame, builtin Microban product protection, split sleeves, attaches to Super Erecta® round posts, NSF

- 8 ea Model PR2460NK3 Super Erecta Pro<sup>™</sup> Shelf, 60"W x 24"D, removable polymer shelf mat, Metroseal 3<sup>™</sup> epoxy-coated frame, built-in Microban product protection, split sleeves, attaches to Super Erecta<sup>®</sup> round posts, NSF
- 12 ea Model PR2442NK3 Super Erecta Pro<sup>™</sup> Shelf, 42"W x 24"D, removable polymer shelf mat, Metroseal 3<sup>™</sup> epoxy-coated frame, built-in Microban product protection, split sleeves,

attaches to Super Erecta<sup>®</sup> round posts, NSF

- 24 ea Model 74PK3 Super Erecta<sup>®</sup> SiteSelect<sup>™</sup> Post, 74-1/2"H, adjustable leveling bolt, posts are grooved at 1" increments & numbered at 2" increments, double grooved every 8", Metroseal 3 Green epoxy coated corrosion-resistant finish with Microban<sup>®</sup> antimicrobial protection
- 1 ea Model HP2236PD Metro Bow-Tie<sup>™</sup> Dunnage Rack, 22" x 36" x 12"H, slotted, with separate polymer tie for joining racks, corrosion proof polymer construction, NSF

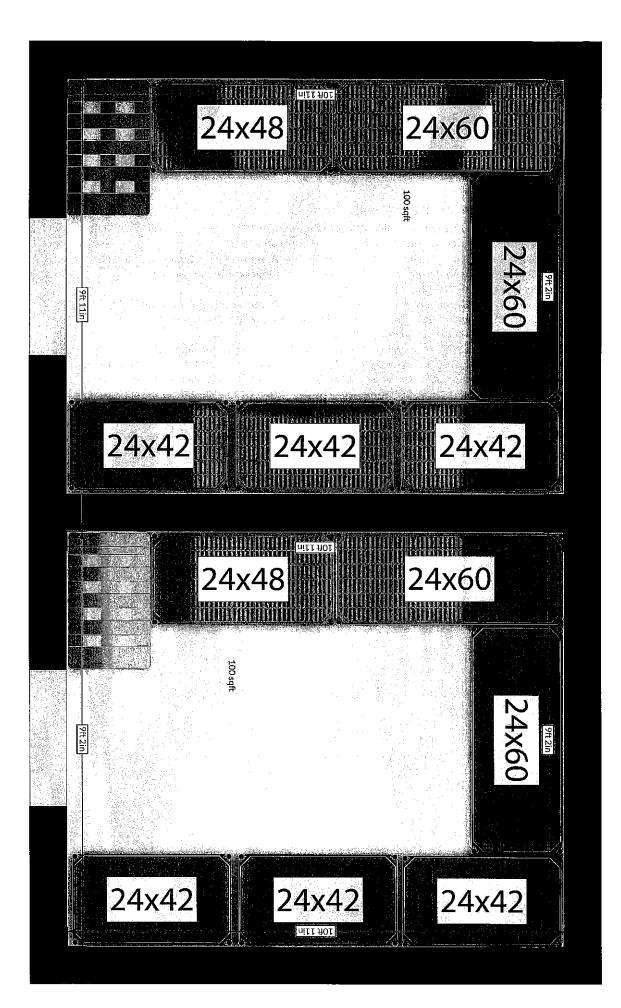
#### ITEM Combo SHELVING, WITH METAL FRAME (4 REQ'D)

#### Freezer -

#### Metro Model PR2448NK3 Dimensions: 48(w) x 24(d)

Super Erecta Pro<sup>™</sup> Shelf, 48"W x 24"D, removable polymer shelf mat, Metroseal 3™ epoxy-coated frame, builtin Microban product protection, split sleeves, attaches to Super Erecta® round posts, NSF

- 8 ea Model PR2460NK3 Super Erecta Pro<sup>™</sup> Shelf, 60"W x 24"D, removable polymer shelf mat, Metroseal 3<sup>™</sup> epoxy-coated frame, built-in Microban product protection, split sleeves, attaches to Super Erecta<sup>®</sup> round posts, NSF
- 12 ea Model PR2442NK3 Super Erecta Pro<sup>™</sup> Shelf, 42"W x 24"D, removable polymer shelf mat, Metroseal 3<sup>™</sup> epoxy-coated frame, built-in Microban product protection, split sleeves, attaches to Super Erecta<sup>®</sup> round posts, NSF
- 24 ea Model 74PK3 Super Erecta<sup>®</sup> SiteSelect<sup>™</sup> Post, 74-1/2"H, adjustable leveling bolt, posts are grooved at 1" increments & numbered at 2" increments, double grooved every 8", Metroseal 3 Green epoxy coated corrosion-resistant finish with Microban<sup>®</sup> antimicrobial protection
- 1 ea Model HP2236PD Metro Bow-Tie<sup>™</sup> Dunnage Rack, 22" x 36" x 12"H, slotted, with separate polymer tie for joining racks, corrosion proof polymer construction, NSF



METRO

<b>í</b> Bo		Bally Refriger		,			
		Morehead Cit	Quote No:	57 (800) 242 2751-002-R03-			
<i>Last Update:</i> <i>Revisor:</i> <i>To:</i> All Bidd	10/12/2022 Laura Craig lers		Item No: Job Name: Date: From:	South Middle S 10/12/2022 Laura Craig	School PVD:	10/3/2022	
, Attn:				Swanson-Girar 10420 Southern Pineville, NC 2	1 Loop Blv		
			Phone	•	<b>Fax:</b> (7	704)521-8801	
Box Shape	Indoor Strue				<u>NSF</u>	APPROVE	D
4 2	9'-8"(l)	<i>icated Exterior Dimo</i> x 6'-9½"(w) x 7'-6" artments 1 Tiers		4" Floor			

Panel Thickness:

Ceiling: Single Span

1

4 in. Exterior Vertical Used (6'-10") with 4 in. Floor, 4 in. Ceiling

#### **Details on Following Page(s)**

NOTE: Freight shown is an estimate based on current p will be added and changes continuously.	E: Freight shown is an estimate based on current published rates. A fuel surcharg e added and changes continuously.			
	Total Price (FOB Plant)	(Less Refrig.Warranties): Estimated Freight:		
	<b>Optional Warranties:</b>	(not included in Total Price)		
	(1) 00 1/2 HP System (5 yr. Parts, 1 yr. Labo			

#### Payment terms and conditions are available upon request.

This quotation was based on information supplied to us which may or may not have been complete. Customer is responsible for	Signature:	
reviewing this quotation for exclusions, deviations, and any improper information supplied to us.		Laura Craig
improper information supplied to us.	Date:	

We are not responsible for the selection or recommendation of the panel finish for any building or walk-in application.

NOTE: Quoting Bally standard specifications, sizes, and finishes. This quotation is good through 11/26/2022

Act of 2007 (Public Law 110-140) Title III; Section 312, regarding Walk-In Coolers and Walk-In Freezers.

	Morehead City, NC 28 Quote No:	2751-002-R03-LC
Last Update: 10/12/2022	Item No:	0
Revisor: Laura Craig	Job Name: Date:	South Middle School 10/12/2022 <b>PVD:</b> 10/3/2022
To: All Bidders	From:	Laura Craig
		Swanson-Girard & Associates
2		10420 Southern Loop Blvd
Attn:		Pineville, NC 28134
Alian a di	Pho	<i>Fax:</i> (704)521-8801
Indoor Structure		NSF APPROVED
Bally Prefabricated Exterior	Dimensions:	
9'-8"(l) x 6'-9½"(w) x	7'-6"(h)	
1 Compartments 1 Tie	rs With Floor 4" Floor	
Ceiling: Single Span		
Panel Thickness:		
4 in. Exterior Vertical Us	ed (6'-10") with 4 in. Floor, 4 in. Ce	ling
Vertical and Ceilin	g Panels: Embossed Galvalume (26	GA)
Vertical and Ceilir Special Finishes: Interior Floor - Al	ng Panels: Embossed Galvalume (26 Juminum Treadplate .125" Thick	GA)
Vertical and Ceilir Special Finishes: Interior Floor - Al Doors/Openings:	uminum Treadplate .125" Thick	
Vertical and Ceilir Special Finishes: Interior Floor - Al Doors/Openings: Wall 2 Door 1	uminum Treadplate .125" Thick (1) 36" x 78" Hinged Door In a	46"
Vertical and Ceilir Special Finishes: Interior Floor - Al Doors/Openings: Wall 2 Door 1 Wall 2 Door 1	uminum Treadplate .125" Thick	46"
Vertical and Ceilir Special Finishes: Interior Floor - Al Doors/Openings: Wall 2 Door 1 Wall 2 Door 1	uminum Treadplate .125" Thick (1) 36" x 78" Hinged Door In a (1) Super Door 36" Wide and Ur (1) 48" LED KEIL 48x754-CL-	46" der, 30" High N Light
Vertical and Ceilir Special Finishes: Interior Floor - Al Doors/Openings: Wall 2 Door 1 Wall 2 Door 1	uminum Treadplate .125" Thick (1) 36" x 78" Hinged Door In a (1) Super Door 36" Wide and Ur (1) 48" LED KEIL 48x754-CL- - 40° F to 100° F(Range	46" der, 30" High N Light
Vertical and Ceilir Special Finishes: Interior Floor - Al Doors/Openings: Wall 2 Door 1 Wall 2 Door 1 Accessories and Extras:	uminum Treadplate .125" Thick (1) 36" x 78" Hinged Door In a (1) Super Door 36" Wide and Ur (1) 48" LED KEIL 48x754-CL-	46" der, 30" High N Light
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Vertical and Ceilir Special Finishes: Interior Floor - Al Doors/Openings: Wall 2 Door 1 Wall 2 Door 1 Accessories and Extras: Floor Options:	uminum Treadplate .125" Thick (1) 36" x 78" Hinged Door In a (1) Super Door 36" Wide and Ur (1) 48" LED KEIL 48x754-CL- - 40° F to 100° F(Range	46" der, 30" High N Light ion Below Finished Floor
<b>Special Finishes:</b> Interior Floor - A <b>Doors/Openings:</b> Wall 2 Door 1	uminum Treadplate .125" Thick (1) 36" x 78" Hinged Door In a (1) Super Door 36" Wide and Ur (1) 48" LED KEIL 48x754-CL- - 40° F to 100° F(Range (1) To be installed in 4" Depress (70) S/F 1/2" Plywood Foamed in	46" der, 30" High N Light ion Below Finished Floor Panel
Vertical and Ceilir Special Finishes: Interior Floor - Al Doors/Openings: Wall 2 Door 1 Wall 2 Door 1 Accessories and Extras: Floor Options:	uminum Treadplate .125" Thick (1) 36" x 78" Hinged Door In a (1) Super Door 36" Wide and Ur (1) 48" LED KEIL 48x754-CL- - 40° F to 100° F(Range (1) To be installed in 4" Depress (70) S/F 1/2" Plywood Foamed in (1) BEHA-006-M8-HS2D 208-2 R448A & R404A - 6200	46" der, 30" High N Light ion Below Finished Floor Panel 30/1/60
Vertical and Ceilir Special Finishes: Interior Floor - Al Doors/Openings: Wall 2 Door 1 Wall 2 Door 1 Accessories and Extras: Floor Options:	uminum Treadplate .125" Thick (1) 36" x 78" Hinged Door In a (1) Super Door 36" Wide and Un (1) 48" LED KEIL 48x754-CL- - 40° F to 100° F(Range (1) To be installed in 4" Depress (70) S/F 1/2" Plywood Foamed in (1) BEHA-006-M8-HS2D 208-2 R448A & R404A - 6200 (1) BLP107-MA-S1D 115/1/60	46" der, 30" High N Light ion Below Finished Floor Panel 30/1/60
Vertical and Ceilir Special Finishes: Interior Floor - Al Doors/Openings: Wall 2 Door 1 Wall 2 Door 1 Accessories and Extras: Floor Options:	<ul> <li>luminum Treadplate .125" Thick</li> <li>(1) 36" x 78" Hinged Door In a</li> <li>(1) Super Door 36" Wide and Ur</li> <li>(1) 48" LED KEIL 48x754-CL- - 40° F to 100° F(Range)</li> <li>(1) To be installed in 4" Depress</li> <li>(70) S/F 1/2" Plywood Foamed in</li> <li>(1) BEHA-006-M8-HS2D 208-2 R448A &amp; R404A - 6200</li> <li>(1) BLP107-MA-S1D 115/1/60 1 Fan 7000 BTU/h</li> </ul>	46" der, 30" High N Light ion Below Finished Floor Panel 30/1/60
Vertical and Ceilir Special Finishes: Interior Floor - Al Doors/Openings: Wall 2 Door 1 Wall 2 Door 1 Accessories and Extras: Floor Options:	<ul> <li>luminum Treadplate .125" Thick</li> <li>(1) 36" x 78" Hinged Door In a</li> <li>(1) Super Door 36" Wide and Ur</li> <li>(1) 48" LED KEIL 48x754-CL- - 40° F to 100° F(Range)</li> <li>(1) To be installed in 4" Depress</li> <li>(70) S/F 1/2" Plywood Foamed in</li> <li>(1) BEHA-006-M8-HS2D 208-2 R448A &amp; R404A - 6200</li> <li>(1) BLP107-MA-S1D 115/1/60 1 Fan 7000 BTU/h</li> <li>(1) Refrigeration is calculated fo 35° F. with a condensing unit</li> </ul>	46" der, 30" High N Light ion Below Finished Floor Panel 30/1/60 BTU/h • standard use at a box temperature of ambient of 105° F.
Vertical and Ceilir Special Finishes: Interior Floor - Al Doors/Openings: Wall 2 Door 1 Wall 2 Door 1 Accessories and Extras: Floor Options:	<ul> <li>luminum Treadplate .125" Thick</li> <li>(1) 36" x 78" Hinged Door In a</li> <li>(1) Super Door 36" Wide and Ur</li> <li>(1) 48" LED KEIL 48x754-CL- - 40° F to 100° F(Range)</li> <li>(1) To be installed in 4" Depress</li> <li>(70) S/F 1/2" Plywood Foamed in</li> <li>(1) BEHA-006-M8-HS2D 208-2 R448A &amp; R404A - 6200</li> <li>(1) BLP107-MA-S1D 115/1/60 1 Fan 7000 BTU/h</li> <li>(1) Refrigeration is calculated fo 35° F. with a condensing unit</li> <li>(1) The refrigeration is calculated</li> </ul>	46" der, 30" High N Light ion Below Finished Floor Panel 30/1/60 BTU/h • standard use at a box temperature of ambient of 105° F. I for a line run of less than 50'
Vertical and Ceilir Special Finishes: Interior Floor - A Doors/Openings: Wall 2 Door 1 Wall 2 Door 1 Accessories and Extras: Floor Options: Refrigeration:	<ul> <li>luminum Treadplate .125" Thick</li> <li>(1) 36" x 78" Hinged Door In a</li> <li>(1) Super Door 36" Wide and Ur</li> <li>(1) 48" LED KEIL 48x754-CL- - 40° F to 100° F(Range)</li> <li>(1) To be installed in 4" Depress</li> <li>(70) S/F 1/2" Plywood Foamed in</li> <li>(1) BEHA-006-M8-HS2D 208-2 R448A &amp; R404A - 6200</li> <li>(1) BLP107-MA-S1D 115/1/60 1 Fan 7000 BTU/h</li> <li>(1) Refrigeration is calculated fo 35° F. with a condensing unit</li> </ul>	46" der, 30" High N Light ion Below Finished Floor Panel 30/1/60 BTU/h • standard use at a box temperature of ambient of 105° F. I for a line run of less than 50'
Vertical and Ceilir Special Finishes: Interior Floor - Al Doors/Openings: Wall 2 Door 1 Wall 2 Door 1 Accessories and Extras: Floor Options:	<ul> <li>luminum Treadplate .125" Thick</li> <li>(1) 36" x 78" Hinged Door In a</li> <li>(1) Super Door 36" Wide and Ur</li> <li>(1) 48" LED KEIL 48x754-CL- - 40° F to 100° F(Range)</li> <li>(1) To be installed in 4" Depress</li> <li>(70) S/F 1/2" Plywood Foamed in</li> <li>(1) BEHA-006-M8-HS2D 208-2 R448A &amp; R404A - 6200</li> <li>(1) BLP107-MA-S1D 115/1/60 1 Fan 7000 BTU/h</li> <li>(1) Refrigeration is calculated fo 35° F. with a condensing unit</li> <li>(1) The refrigeration is calculated</li> </ul>	46" der, 30" High N Light ion Below Finished Floor Panel 30/1/60 BTU/h • standard use at a box temperature of ambient of 105° F. I for a line run of less than 50'

Destination: Lancaster, SC, 29720

<b>Bally</b> <sup>®</sup>	Bally Refrigerated Boxes Morehead City, NC 2855	,
Last Update: 10/12/2022 Revisor: Laura Craig To: All Bidders , , Attn:	Quote No: Item No: Job Name: Date: From: Phone:	2751-002-R03-LC South Middle School 10/12/2022 <b>PVD:</b> 10/3/2022 Laura Craig Swanson-Girard & Associates 10420 Southern Loop Blvd Pineville, NC 28134 <b>Fax:</b> (704)521-8801

#### Deviations (Alternates, Remarks, Clarifications, Etc.):

Bally Floor Panels are capable of supporting up to 800 lbs. Per Sq/Ft uniformly distributed stationary loading. Bally does not recommend the use rolling loads of heavy carts, pallet jacks or fork lifts on top of the floors. Warranty for floors subjected to this type of use would not be covered by Bally.

$\checkmark$	Shelving, Racks, Interior Accessories	$\checkmark$	Caulking and Sealants
	Labor on Warranties		Refrigeration Systems
$\checkmark$	Alarm Systems	☑	Refrigeration Accessories
V	Supervision	Ø	Closure Panel and Trim
Ø	Tubing, Wiring for Rfg. Equipment	Ø	Sleeves, Penetrations, Escutcheon Plates
$\checkmark$	Compressor Rack	Ø	Floor Insulation and Vapor Barrier

Cancelled Orders: Cancelled unshipped standard walk-ins will be charged a 30% restocking fee plus the cost of special panels. Cancelled refrigeration systems will be charged a 30% restocking fee and the cost of any freight accrued. Buy-out items will be charged a 25% restocking fee plus any freight accrued.

Agency Ratings: Bally units comply or surpass applicable Flame Spread-25, UL, UL 723, & NSF standards in a manner conforming to ASTM E-84, and Factory Mutual standards.

Quotation Limitations: This quotation was based upon the specifications given to Bally which may possibly be incomplete. Bally is not responsible for items missing from the quotation due to incomplete or excluded items in the specifications received from the customer. The customer is responsible for reviewing the quotation for omissions or deviations from the specifications given to Bally. All portions of the quotation are subject to revision upon receipt of detailed specifications or if changes are made following the delivery of the original quotation. Quotations expire on the date indicated on Pagel of the Quote. Approval drawings must be returned within 60 days of receipt of the purchase order. The order must ship within the agreed upon time frames or current lead times, but no later than 7 months. Any deviations to this quotation (dimensions or specification changes) will require updated pricing.

Panel Construction: Bally Panels are manufactured with environmentally friendly HFC 245-FA polyurethane foam. This polyurethane foam offers the highest thermal insulation value and the most energy efficiency per cubic inch in comparison to similar foams. It has a zero Ozone Depletion Potential (ODP) and a low Global Warming Potential (GWP). It is not considered a Volatile Organic Compound (VOC) in the US. Standard 4" Bally panels meet the 2009 Federal Energy Standards.

Refrigerants: Unless otherwise specified, refrigeration systems are quoted with environmentally friendly HFO R448A refrigerant. It has a Low Global Warming Potential (GWP) and the EPA lists it as an acceptable substitute for R404A and other high GWP refrigerants.

Automatic Door Closers: Bally includes automatic door closers and spring loaded hinges on all doors 42" wide and smaller as a standard feature with no additional charge that meet the 2009 Federal Energy Standards.

Motors: Bally units are quoted with EC and PSC motors in compliance with federal energy standards, for increased energy savings.

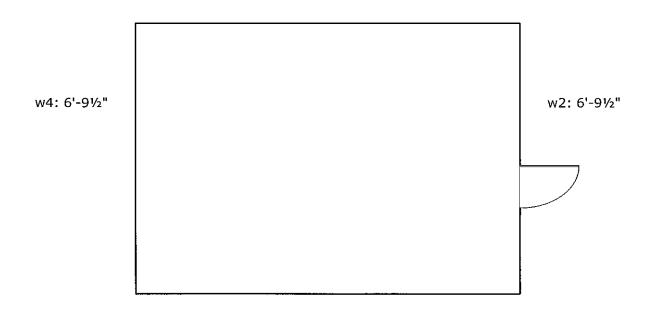
Lighting: Bally units are quoted with lighting in compliance with federal Energy Standards for increased energy savings.

Optional Features: Bally offers additional optional energy-saving features such as Walk-In Alarm & Light Management systems that comply or surpass the 2009 Federal energy regulations.

<b>Bally</b> <sup>®</sup>	Bally Refrigerated Boxes Morehead City, NC 2855	·
Last Update: 10/12/2022 Revisor: Laura Craig To: All Bidders , , Attn:	Liem No: Job Name: Date: From:	2751-002-R03-LC South Middle School 10/12/2022 <b>PVD:</b> 10/3/2022 Laura Craig Swanson-Girard & Associates 10420 Southern Loop Blvd Pineville, NC 28134 <i>Fax:</i> (704)521-8801

This drawing is for reference purposes only and it not intended to be a formal scale model.





w1: 9'-8"

DOOR 1: Wall2 36" x 78" Hinged Door In a 46" Centered Hinge:Right Orientaion:Regular

# Bally



Application	Gener	ral Walk-in (	<u>Media (1946). Ağılı (1</u> Cooler	Sharak Ashara	NG REQL	<u>i settes i settes</u>	88.2582.883 					
Internal Temp		35 °F	Internal RH	849	4	Location		Indoor 85 °F E			<b>FF0</b> (	
Wall Load		O BTUH	Infiltration	1.491 E		External Temp H Products			External RI Miscellaneou		55%	
Trail Load		25%		50%				322 BTUH 1 11%		15 4	433 BTUH 14%	
	and the second				<u> </u>	CEILING LO			NEW CONTRACT			
	<u>医希識症</u> T	the first spin the share of the			en an an the state of the state		的影響和動作行	際な源文化	机构构成	AM PHE	A. 北方語:	
Section		Constru	ction	Thicknes (in)	<sup>is</sup> K Fact	or R Value	Ext Tem	p Dim 1 (ft)	Dim 2 (ft)	Area (ft²)	Load	
Rear		rethane, Stan	dard nanels	4.000	0.14	28.57	85.0	9.70	7.50	73	127	
Right End		rethane, Star		4.000	0.14		85.0	6,90	7.50	32	56	
		Doo				15.00	85.0	3.00	6.50	20	65	
Front		rethane, Stan		4.000	0.14	28.57	85.0	9.70	7.50	73	127	
Left End	U	rethane, Stan	dard panels	4.000	0.14	28.57	85.0	6.90	7.50	52	91	
Floor	Insulat	ed Floor - Pa On Gra	nels On Concrete	10.000	0.31	. 32.32		9.70	6.90	67	166	
Ceiling	U	rethane, Stan	dard panels	4.000	0.14	28.57	85.0	9.70	6.90	67	117	
			VOLUME (ft <sup>3</sup> )	502		то	TAL WAL	L, FLOOR	AND CEILI		D 750	
			NFILTRATION	LOAD ; I	ESTIMAT		UME AND	USAGE				
Box Usage	In	iternal Tem	van aeren den erstelsteren van den verstel i er	1.2.1 - 2.2.6.2.6.2.6.5.2.5.0	xternal 1	Reference of the second se	ternal R	1. 石炭成合 网络花花花	ntilation	<u>AUGUAREZEN</u>	_oad	
BUX Usage		(°F)	(%)		(°F)		(%)		(CFM)		(BTUH)	
Heavy		35	84		85		55		1,49		l,491	
				PR	ODUCT I	LOADS				書語		
		Туре			Weigh (Ib)	nt Enter (이		inal Tem; (°F)	Pull Dov (hrs)		Load	
Gene	eral, Mixe	ed Products.	Approximation		1,004			35.0	24	<u> </u>	(BTUH) 322	
то	TAL PR	ODUCT WE	IGHT (lbs)		1,004	4				DAD	322	
				MISCE	LLANEO	US LOADS						
Quantity		TE PARE A CONTENT AND A	Description	and the products	041810457033 <u>1</u> 4803	Pov	ver	er Units		ne	Load	
	LIGHTING							(hrs)		(BTUH)		
1		F	VAPORATOR MOT	DRS		- 6			24		228	
I							-		ANEOUS LO		433	
				SYSTEM	DESIGN		salar televisi at a stant des sur-	6 6 P				
Design	<u></u>	Safet		Capac	ity I	na contra de Mandala Ma	調査会社の特徴 Line	9000-17931-1-767		<u>いての時間</u> - 「「	Condense	
Load (BTUH)	Safety Factor		(Houre)	Requir (BTU		efrigerant	Frequen (Hz)	cy Design (°F		LOSS	Ambient (°F)	
2,996	10%	3,296	16	4,94	4	R448A	60	10.	1 0.	5	105	
		这次教授	ŚY	STEM E	QUIPMEN	NT SELECTI	ON S				常要直接	
Equipment T	ype	Quantity	Model Nu	mber		Description		Volta	ge	Rating (BTUH)		
Condensing L		1	BEHA006M8		EH-	Line Hermetic	Condensing Units-Air		ir 208-230,		<u>, ,</u>	
Evaporato	<u> </u>	1	BLP107MA	-S1D		Low Profi	Low Profile, Evaporator			/60		
				SY	STEM BA	LANCE				法承购		
Fan Loa	ad (BTU	H)	Suction Te	mp (°F)		Evapora	tor TD (	'F)	System C	apacity	(BTUH)	
			26.	5			8			5.610		

NATIONAL REFRIGERATION AND AIR CONDITIONING CANADA CORP.			BEHA006M8-HS2D						
AIR CONDITIONING CANADA CORP. 159 ROY BLVD, PO BOX 2020 BRANTFORD, ON CANADA N3T 5Y6			EH-LINE HERMETIC CONDENSING UNITS-AIR						
									PURCHASER :
PROJECT : South Middle	ECT : South Middle School Lancaster SC DA								
ORDER # : 06338.58290	0.00469-A00	I	FEM # :						
QUOTE # : Q10EULCB-A			ID # :						
PURCHASER'S PO # :				GING					
Copper tubing secured with cushion amps Crankcase heater High efficiency PSC fan motor with ternal overload protection Outdoor weather-resistant housing ade from G90 galvanized steel Pre-formed piping Receiver with fusible plug and liquid but off valve	MODEL FEATURES • Suction Service valve • Adjustable flooded head pressure control (unless otherwise indicated) • Units are shipped with Helium holding charge • Weatherproof electrical control box with compressor contactor and fused control circuit MODEL OPTIONS ( * = Shipped Loose ) DISCONNECT SWITCH Continued				cabinet • AWEF = 7.6 FOR R404A/R507/R448A/R449A ONLY				
<ul> <li>Small B (Good@Warm/Moderate)</li> <li>Small N (Better@Warm/Moderate)</li> <li>Small P (Best@Warm/Moderate)</li> <li>Small D (Good@Moderate/Cold)</li> <li>Small J (Better@Moderate/Cold)</li> <li>Small Q (Best@Moderate/Cold)</li> <li>Small Q (Best@Moderate/Cold)</li> <li>Small Q (Best@Moderate/Cold)</li> <li>Small R</li> <li>Small H</li> <li>115V Control Circuit</li> <li>ADJUSTABLE PRESSURE CONTROLS</li> <li>Johnson Dual with flex hose</li> <li>Separate High/Low</li> <li>BALL VALVE</li> <li>*Liquid Line</li> <li>*Suction Line</li> <li>CAPACITY CONTROL - HOT GAS</li> <li>BYPASS</li> <li>To Inlet of Evaporator</li> <li>To Suction Line</li> <li>Compressor Circuit Breaker</li> <li>Compressor Time Delay Relay</li> <li>CONDENSING UNIT PRISON</li> <li>PACKAGE</li> <li>Tamper Proof Screws</li> <li>Crankcase Pressure Regulator</li> <li>DisconNECT SWITCH</li> <li>Fused</li> </ul>	Non-Fused EC FAN MOT CONTROLLE! All Motors V Units Export Cratin EXTENDED 4 WARRANTY Copeland Extended Le COIL COATII E-Coat FIN MATERI Gold Coat F Copper Fins Hail Guard for Heated and HOUSING M. Stainless St Insulated Su LIQUID LINI GLASS Sealed Liquid Line L VIII Sealed Standard 2 *Standard 2	R (ariable ng I-YEA) og Kit NG AL ins or Coa Insult ATER eel uction E FILT Lock-( E SOL 230V ( 115V (	e Speed - 23 R COMPRES ndenser ated Receiv IAL Line IER + SIGH Dut Relay ENOID VAL Coil	SOR er T	Single P SUCTION With He Without SUCTION Sealed TIME CL Paragon *230V 1 *115V Wind Gu	Tinlet Bal oint Election ACCUML eat Exchanate t Heat Exch N FILTER Type OCK n 8145 Sty Paragon 81 Paragon 81	rical JLATOR Jer hanger le .45 Style .45 Style	e	
VOLTAGE SYSTEM R	EFRIGERANT	<u> </u>	RATING		JCTION TEMP	AMBIENT		CAPACIT	
	48A		0.6Hp		26.5 °F	105 9		5610 BTU	
FANS		PRESS				CIRCUIT	i		
QTY POWER FLA/FAN	TYPE	QTY	RLA	LRA	AMPS	WATTS	MCAt	MOP	
	ST45C2E-CFV	1	4.4	30	5.4		6.5	15	
LIQUID 3/8 in SOUN			REC CAPAC		5 lb			APPROVA	
SUCTION 5/8 in WEIG	HT 149 lb		REF CHARC	GE 🗌	3 lb			<u> </u>	
NOTES: † MCA Minimum Circuit Ampacity, ‡ M MCA & MOP are for the condensing unit	OP Maximum Over		nt Protection	·				ell us	
PPROVED BY : Approval of this drawing signifies that	the equipment is a	ccenta	ble under th	a provis		DATE :		change	

<b>BOINT</b> <b>BOINT</b> <b>AIR CONDITIONING CANADA CORP.</b> 159 ROY BLVD, PO BOX 2020	BEHA006M8-HS2D
159 ROY BLVD, PO BOX 2020 BRANTFORD, ON CANADA N3T 5Y6	EH-LINE HERMETIC CONDENSING UNITS-AIR
PURCHASER :	SUBMITTED BY : Laura Craig
PROJECT : South Middle School Lancaster SC	DATE : 11 Oct 2022
ORDER # : 06338.58290.00469-A00	ITEM # : 6
QUOTE # : Q10EULCB-A	ID # :
PURCHASER'S PO # :	TAGGING :

#### SELECTED OPTION DESCRIPTIONS

#### <u> Liquid Line Filter + Sight Glass - Sealed</u>

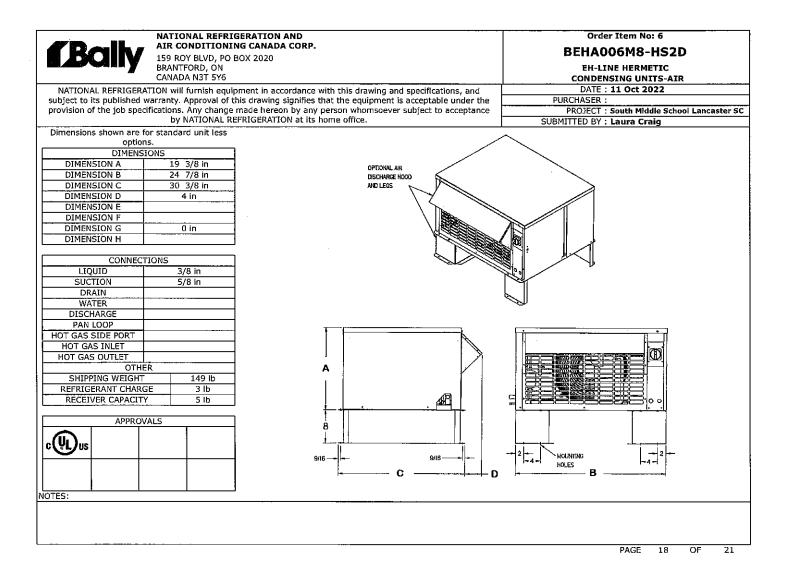
Sporlan C Series with ODF solder connections and Sporlan SA moisture indicator factory installed in liquid line.

#### Option Packages - Small B (Good@Warm/Moderate) LLFD+SG

#### Time Clock - 115V Paragon 8145 Style

115V Defrost timer is time initiated, temperature or pressure terminated with a timed failsafe. Timer is shipped loose in a box for field installation.

Approval of this drawing signifies that the equipment is acceptable under the provision of the job specifications. Any change made hereon by any person whomsoever subject to acceptance by NATIONAL REFRIGERATION at its home office.



BOIN NATIONAL REFRIGE AIR CONDITIONING 159 ROY BLVD, PO BOX 2020	BLP107MA-S1D LOW PROFILE EVAPORATOR						
BRANTFORD, ON CANADA N3T 5Y6							
PURCHASER :	SUBMITTED BY						
PROJECT : South Middle	School Lancaster SC		: 11 Oct 2022				
ORDER # : 06338.5829	0.00469-A00	ITEM #	: 8		<u> </u>		
QUOTE # : Q10EULCB-A	ID #	;					
PURCHASER'S PO # :	·····	TAGGING	;				
3/8" Tubing coil construction (reduces	• Hinged drain pan with						
Frigerant operating charge) Factory installed solenoid valve wire arness Heavy gauge textured aluminum abinet construction resists	drain connection (3/4" • Front access to spacio header compartments • Schrader connection o • Attractive and durable	drain) bus electrical and on suction header e high density	<ul> <li>High efficiency enhanced copper tu and and aluminium fin coil design</li> <li>6 FPI</li> <li>ader</li> <li>AWEF = 9.0</li> </ul>				
ratches/corrosion	polyethylene fan guards		with				
Spacious piping end compartment lows for easy assembly	Ultra efficient Electron     Commutated Motor (EC			/R448A/R44	9A/R407A/R40		
онотог сазу азастногу	Commutated Motor (EC MODEL OPTIONS ( * :		<u> </u>				
Sporlan TXV, LLSV,T-stat KE2 Evap Efficiency w/Sporlan EEV *KE2 Evap Efficiency w/Sporlan EEV Aux Sideport Connector CABINET FINISH Painted White Stainless Steel SENSORS FOR CPC BOARDS Coil Temp Sensor Return Air Temp Sensor DEMAND DEFROST ELECTRONIC CONTROLLER KE2 Therm Evaporator Efficiency *KE2 Therm Evaporator Efficiency bual Circuit ELECTRONIC CONTROLLER KE2 Temp+Defrost SmartVap+ Control Board and Display	Sporlan EEV EEV for SmartVap Evaporator Discon EVAPORATOR PRI Tamper Proof Scree Export Crating COIL COATING E-Coat FIN MATERIAL Gold Coat Fins Copper Fins Insulated Drain Pa KE2 THERM *CAT5e Shielded C w/connectors 40' Leads on Sens Ethernet Adapter I *Remote Combo D *Liquid / Suction	an Cable - 50ft Kit Display	Wired Nitroger ROOM T Mechar *Mechar *Johnso Johnso Wire Far REMOTE *230V *115V INSTALL 1 Minimu drain lin	n Charged a HERMOSTA nical on A19ABC on A421ABC-( n A421ABC-( n Guards i DEFROST I Control Control ATION REC m slope of 1 nes	-02C 02		
	EFRIGERANT	AIR FLOW	EVAP. TEMP	BOX TEM	1P CAPACI		
VOLTAGE SYSTEM R	148A	680 CFM	27 ºF	35 ºF	5610 BT		
				CIRCUIT T	OTAL		
115/1/60 R4 FANS	HEATERS						
115/1/60         R4           FANS	HEATERS TYPE QTY	AMPS	AMPS	WATTS	MCA <sup>†</sup> MOF		
115/1/60         R4           FANS            QTY         POWER         FLA/FAN           1         0.07HP         1	TYPE QTY	AMPS	AMPS 1	00	1.3 15		
115/1/60         R4           FANS         QTY           QTY         POWER         FLA/FAN           1         0.07HP         1           ISTRIBUTOR         3/8 in         SOUN	TYPE QTY	AMPS REC CAPACITY	1				
115/1/60         R4           FANS         FANS           QTY         POWER         FLA/FAN           1         0.07HP         1           ISTRIBUTOR         3/8 in         SOUN           SUCTION         5/8 in         WEIG	TYPE QTY	AMPS			1.3 15 APPROVA		
115/1/60         R4           FANS            QTY         POWER         FLA/FAN           1         0.07HP         1           ISTRIBUTOR         3/8 in         SOUN	TYPE         QTY           VD         -           HT         48 lb	AMPS REC CAPACITY REF CHARGE	1		1.3 15		
115/1/60         R4           FANS         FANS           QTY         POWER         FLA/FAN           1         0.07HP         1           ISTRIBUTOR         3/8 in         SOUN           SUCTION         5/8 in         WEIG           NOTES:         Flagge from the second secon	TYPE QTY ND - HT 48 lb	AMPS REC CAPACITY REF CHARGE nt Protection	1 Ib	60 _	1.3 15 APPROVA c@us		

BOILD NATIONAL REFRIGERATION AND AIR CONDITIONING CANADA CORP. 159 ROY BLVD, PO BOX 2020 BEANTFORD CON		BLP107MA-S1D
159 ROY BLVD, PO BOX 2020 BRANTFORD, ON CANADA N3T 5Y6		LOW PROFILE EVAPORATOR
PURCHASER :	SUBMITTED BY :	Laura Craig
PROJECT : South Middle School Lancaster SC	DATE :	11 Oct 2022
ORDER # : 06338.58290.00469-A00	ITEM # :	8
QUOTE # : Q10EULCB-A	ID # :	
PURCHASER'S PO # :	TAGGING :	

#### SELECTED OPTION DESCRIPTIONS

#### Expansion Valve - Sporlan TXV

May be Type EBQ, S, SBF, O externally equalized thermostatic expansion valve. Valves are selected using the specified capacity and operating conditions of the refrigeration system as specified on the accompanying Certified Prints.

#### Installation Requirements - Minimum slope of 1" per foot on all drain lines

Bally recommends a minimum slope of 1" per foot on all drain lines.

#### Installation Requirements - P-trap per evap required outside of box

All evaporators must be trapped individually outside of the box to prevent vapor migration back to coil surface.

#### Liquid Line Solenoid Valve - Sporlan

Sporlan solenoid coil voltage matches evaporator voltage except when evaporator is 460V, then 230V solenoid coil is used. Exceptions must be clearly explained in the Notes of the option.

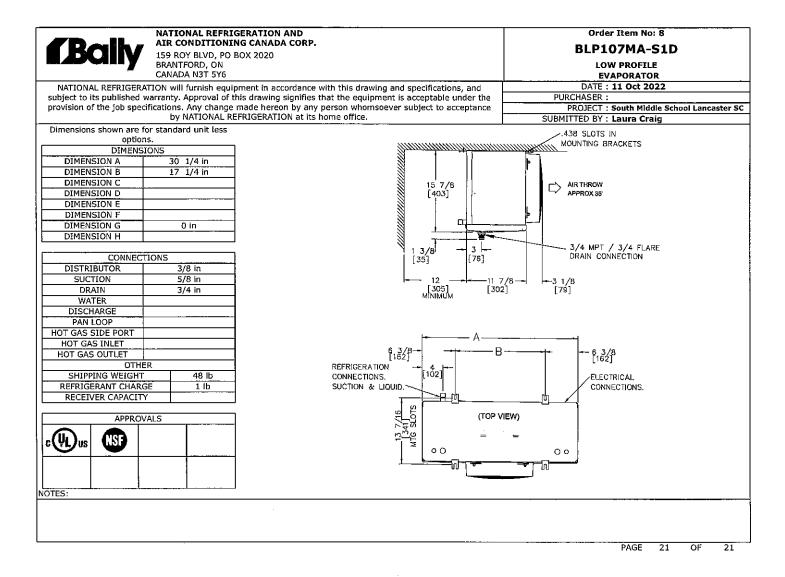
#### Pre-assembled Evap - Sporlan TXV, LLSV,T-stat

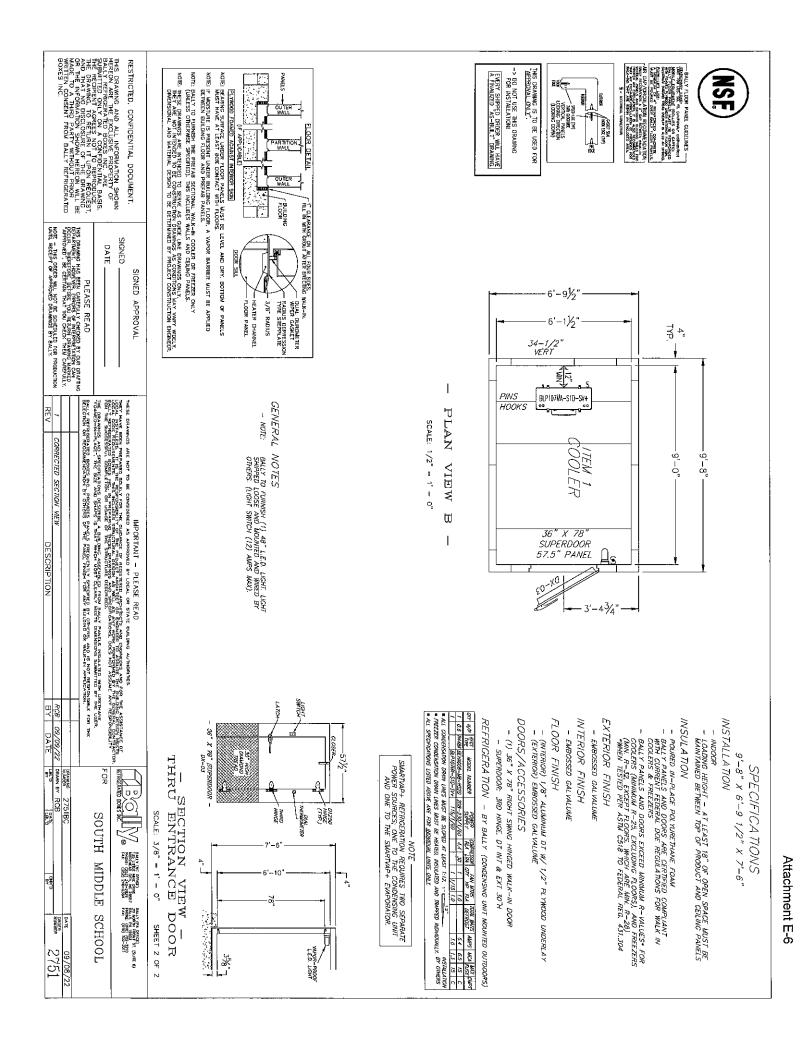
Option Package consists of factory installed Sporlan balance port TXV, Sporlan liquid line solenoid valve and Johnson Controls A19 Room thermostat.

#### **Room Thermostats - Mechanical**

Single stage temperature control with Single-Pole, Double-Throw (SPDT) mechanical switch. May be Johnson A19 or equal, Operating range of -30°F to +100°F. Adjustable differential of 3°F to 12°F. Factory installed and wired.

Approval of this drawing signifies that the equipment is acceptable under the provision of the job specifications. Any change made hereon by any person whomsoever subject to acceptance by NATIONAL REFRIGERATION at its home office.







### SWANSON-GIRARD

CULINARY SOLUTIONS Project South Middle School

From Swanson-Girard & Assoc. Becky Jersey 10420 Southern Loop Blvd. Pineville, NC 28134 (704)521-8811 (888)521-0778 0000 (Contact) (704)521-8801 (Fax) bjersey@swanson-girard.com

The following discounts have been applied to this quotation. No additional discounts can be taken off the net price shown.

To ensure all discounts are applied correctly when ordering please send **ALL ORDERS** to Swanson-Girard. Email: <u>orders@swanson-girard.com</u> or Fax: 704-521-8801

### For Tracking information please either reach out to SGA office or Autoquotes Order Status.

ITEM Single SHELVING, WITH METAL FRAME (8 REQ'D) Cooler -

#### Metro Model PR1860NK3 Dimensions: 60(w) x 18(d)

Super Erecta Pro™ Shelf, 60"W x 18"D, removable polymer shelf mat, Metroseal 3™ epoxy-coated frame, builtin Microban product protection, split sleeves, attaches to Super Erecta® round posts, NSF

- 8 ea Model PR1848NK3 Super Erecta Pro<sup>™</sup> Shelf, 48"W x 18"D, removable polymer shelf mat, Metroseal 3<sup>™</sup> epoxy-coated frame, built-in Microban product protection, split sleeves, attaches to Super Erecta<sup>®</sup> round posts, NSF
- 16 ea Model 74PK3 Super Erecta<sup>®</sup> SiteSelect<sup>™</sup> Post, 74-1/2"H, adjustable leveling bolt, posts are grooved at 1" increments & numbered at 2" increments, double grooved every 8", Metroseal 3 Green epoxy coated corrosion-resistant finish with Microban<sup>®</sup> antimicrobial protection
- 1 ea Model HP2236PD Metro Bow-Tie<sup>™</sup> Dunnage Rack, 22" x 36" x 12"H, slotted, with separate polymer tie for joining racks, corrosion proof polymer construction, NSF

