



KANSAS CITY KANSAS PUBLIC SCHOOLS / USD 500

PURCHASING OFFICE | 2010 N. 59TH STREET ROOM 370 \ KANSAS CITY, KS 66104

WEB SITE: WWW.KCKPS.ORG/PURCHASING

DISHWASHING MACHINE (VENTLESS DOOR STYLE) FOR ARROWHEAD MIDDLE SCHOOL NUTRITIONAL SERVICES DEPARTMENT

BID No: IFB 24-011 ISSUE DATE: FEBRUARY 29, 2024

Kansas City Kansas Public Schools will receive sealed bids, on this form at the Purchasing Office, 2010 N. 59th Street, Room 370, Kansas City, KS 66104 until **10:00 AM., March 8, 2024**, at which time bids received will be publicly opened and read, all in accordance with bid instructions, specifications and/or bid conditions attached hereto or as shown below.

Contact/Technical Contact:

Brian Hernandez, Assistant Director of Purchasing | (913) 279-2244 | eMail: brian.hernandez@kckps.org

BID INSTRUCTIONS:

FAXED BIDS WILL NOT BE ACCEPTED / EMAILED BIDS WILL NOT BE ACCEPTED.

Per attached specifications listed in this invitation to bid. Bidders must specify manufacturer/model number/delivery days, and unit price on each item or bid may be determined to be non-responsive.

- Pricing shall be FOB Kansas City, KS (freight and fuel expenses included).
- Award will be to ONE vendor.
- The District reserves the right to reject any or all bids, to waive any informalities, irregularities or technical defects in bids, and unless otherwise specified by the District to accept any item or groups of items in the bid, as may be in the best interest of the District.
- Time (days, weeks, etc.) required for delivery is a significant consideration with respect to this award process. The time required for delivery must be indicated in the space provided or your bid may be found non-responsive and may not be considered.
- Bid shall include copies of pertinent warranty information pertaining to the product offered. The bidder agrees that equipment furnished under any resultant purchase order issued by Kansas City Kansas Public Schools shall be covered by commercial warranties the contractor gives to any customer for such supplies. All warranty information and certificates shall be furnished and become the property of the District upon delivery and acceptance of said items and/or the contractor must honor services and all rights and remedies stated in the warranties.
- All items are new manufacture unless otherwise specifically stated in this bid.
- All products must have passed the first line quality standard as set by the manufacturer and no seconds, blemished articles or items having defective workmanship are included.
- Bidder shall notify the District immediately of any changes to specifications made by the manufacturer for the equipment listed.

- Bid may not be considered if a service charge, minimum dollar or minimum quantity order is applied.
- The outcome of this bid will be posted on the District's Purchasing site www.kckps.org/purchasing under Awards Section and will include a bid tabulation/summary.
- Bidder shall acknowledge all addenda for this bid and include the form acknowledgements with their bid.

INCLEMENT WEATHER/EMERGENCY POLICY

IF THERE IS A SCHOOL CLOSING THE DAY OF THE BID OPENING DUE TO INCLEMENT WEATHER OR AN EMERGENCY, THE BID OPENING WILL OCCUR AT 2:00PM (CENTRAL) THE NEXT BUSINESS DAY THAT THE DISTRICT IS OPEN.

Reference Attachment A for further Bid Conditions and Instructions

Dish Machine

Quantity: 1

Specification Example: **Hobart Model Hobart Model No. AM16VLT-BAS-4: NO SUBSTITUTIONS**

PROVIDE ONE HOBART MODEL AM16 Tall Base Electric High Temperature Ventless Dishwashing Machine

SUCCESSFUL BIDDER SHALL PROVIDE REMOVAL AND DISPOSAL OF EXISTING DISH MACHINE AND INSTALLATION OF NEW DISH MACHINE BY HOBART SERVICE. INSTALL INCLUDES PLUMBING AND ELECTRICAL IF PROPER UTILITIES AND DRAIN ARE WITHIN 5' OF APPLIANCE, AND SPLASH SHIELD FOR CORNER INSTALL.

WARRANTY SHALL BE 12 MONTHS PARTS AND LABOR BY HOBART SERVICE.

Product Details

DISHWASHER, Hobart Model AM 16VLT BAS Tall Electric Dishwasher



Specifications

- 1 ea Hobart Model No. AM16VLT-BAS-4 Ventless Dishwashing Machine, tall chamber (27"), door type, energy recovery, high temp sanitizing, 480/60/3, internal condensing system, 40 racks/hour, straight-thru or corner installation, user-friendly smart touchscreen controls, Wi-Fi connectivity with SmartConnect app, Sens-A-Temp booster, electric tank heat, X-shaped wash arms, scrap screen and basket, door actuated start, door lock, stainless steel tank, tank shelf chamber, trim panels, frame & frame & feet, cULus, NSF, ENERGY STAR. Factory Startup – Free for installations within 100 miles of a Hobart Service Office during normal business hours with appropriate notice; installation beyond 100 miles will be quoted by Service.
- 1ea Oversized unite with crated shipping dimensions greater or equal to 72" in length and/or 90" in height. If delivery is to a facility without a standard height dock, additional shipping charges will apply depending on the service requested. Consult Factory.
- Splash shield for corner installs required
- 1ea INSTALL BY HOBART
 - INSTALL RECEIVE NEW DISH MACHINE, DELIVER, SET IN PLACE, HOOK UP WITHIN 5' OF OWNER PROVIDED UTILITIES AND START UP
- 1 DISH TABLES

RR SERVICE MODEL NO. CUSTOM

MODIFY EXISTING CLEAN & SOILED DISHTABLES/MOFIFY EXISTING VEG PREP AREA

- 1ea VEG PREP AREA CUT OUT EXISTING DISPOSER SECTION ANDMOVE RIGHT END TO THE LEFT AND REWELD TO THE NEXT TO PREP SINK. WILL REMOVE APPROX 36' OF TABLE. REMOVE EXISTING GAVANISED LEGS AND SHELVES, REPLACE WITH NEW S/S LEGS AND SHELF
- 1ea MODIFY THREE COMP SINK/NEW DISH AREA CUT OUT EXISTING 3 TUB SINK AND MOVE TO THE LEFT END, MOVE SECTION OF TABLE TO RIGHT AND MODIFY TO FIT NEW DISWASHER. RIGHT WALL, CUT LEFT END OF EXISTING TABLE TO FIT NEW CORNER DISH WASHER. REPLACE GAVANISED LEGS AND SHELVES WITH NEW S/S LEGS AND SHELVES ON BOTH TABLES, DISPOSAL IS USABLE IF YOU WANT TO CONTINUE TO USE OR CAN BE REMOVED AND HOLE PATCHED.
- 1ea LABOR TO PICK UP EXISTING TABLES AND TAKE TO SHOP TO WORK ON, DELVIER BACK TO SCHOOL AND ISNTALL AFTER MODIFICATION
- 1ea LABOR AND MAT TO FURNISH AND INSTALL S/S WALL PANELS APPROX 36' X 26' BEHIND NEW DISHWASHER AND CLEAN/SOILED TABLES TO PROTECT THE WALLS
ALL PLUMBING AND ELECTRICAL BY OTHERS.
- Successful bidder will be responsible for disconnecting existing equipment from power, water supply & drain, disassembly, haul away and disposal.
- Successful bidder will also be responsible for delivery, set in place (by Hobart), and connection to power, water supply and drain.

Location/Delivery/Connection

Arrowhead Middle School

1715 N 82nd St

Kansas City, KS 66112

Deliveries Accepted M-F, 7:30 AM to 4:00 PM

BID FORM

Requirement	Dish Machine	
Manufacturer:	Hobart	
Model:	Model No. AM16VLT-BAS-4	
Pricing		
	Unit Cost	\$
	Disconnect, Disassemble, Haul Away & Dispose of Existing Equipment	\$
	Delivery and Installation	\$
	Total Cost	\$

Delivery	
LEAD TIME ARO From the date of receipt of order, what is the estimated lead time to delivery?	Days

Designations	Certified Designation	
MBE/WBE/Other Certification Is your firm certified MBE/WBE or Other? (Circle One)> >	Yes / No	

WE HEREBY AGREE TO FURNISH THE ITEMS ON WHICH PRICES ARE QUOTED ABOVE IN ACCORDANCE WITH ALL TERMS AND CONDITIONS PREVIOUSLY LISTED AND ANY ATTACHED SPECIFICATIONS.

BY: _____ DATE _____
 TITLE: _____ FIRM: _____
 PHONE: _____ EMAIL: _____

ATTACHMENT A – USD 500 STANDARD TERMS AND CONDITIONS

1. SCOPE: The following terms and conditions shall prevail unless otherwise modified by U.S.D. 500 within this bid document. U.S.D. 500 reserves the right to reject any bid which takes exception to these terms and conditions.
2. DEFINITIONS AS USED HEREIN:
 - a. The term "bid request" means a solicitation of a formal sealed bid.
 - b. The term "bid" means the price offered by the bidder.
 - c. The term "bidder" means the offeror or Contractor.
 - d. The term "U.S.D. 500" means Unified School District No. 500.
 - e. The term "Board of Education" or "BOE" means the governing body of Unified School District No.500
3. COMPLETING BID: Bids must be submitted ONLY on the form provided in this bid document. All information must be legible. Any and all corrections and /or erasures must be initialed. Each bid sheet must be signed by the authorized bidder and required information must be provided.
4. CONFIDENTIALITY OF BID INFORMATION: Each bid must be sealed and submitted in or under cover of the enclosed envelope to provide confidentiality of the bid information prior to the bid opening. Supporting documents and/or descriptive literature may be submitted with the bid or in a separate envelope marked "Literature for Bid (Number)." Do NOT indicate bid prices on literature. All bids and supporting bid documents become public information after the bid opening and are available for inspection by the general public in accordance with the Kansas Open Records Act.
5. ACCURACY OF BID: Each bid is publicly opened and is made part of the public record of U.S.D. 500. Therefore, it is necessary that any and all information presented is accurate and/or will be that by which the bidder will complete the contract. If there is a discrepancy between the unit price and extended total, the unit price will prevail.
6. SUBMISSION OF BID: Bids are to be sealed and submitted to the Purchasing Department Office, 2010 North 59th Street, Room 370, Kansas City, Kansas, 66104, prior to the date and time indicated on the cover sheet.
7. ADDENDA: All changes in connection with this bid will be issued by the Purchasing Office in the form of a written addendum. Signed acknowledgement of receipt of each addendum must be submitted with the bid.
8. LATE BIDS AND MODIFICATION OR WITHDRAWALS: Bids received after the deadline designated in this bid document shall not be considered and shall be returned unopened.
9. BIDS BINDING: All bids submitted shall be binding upon the bidder if accepted by U.S.D. 500 within sixty (60) calendar days after the bid opening.
10. EQUIVALENT BIDS: When brand or trade names are used in the bid invitation, it is for the purpose of item identification and to establish standards for quality, style and features. Bids on equivalent items of substantially the same quality, style and features are invited unless items are marked "No Substitute." Equivalent bids must be accompanied by descriptive literature and/ or samples may be required and shall be supplied at no charge to the school district.
11. NEW MATERIALS, SUPPLIES AND EQUIPMENT: Unless otherwise specified, all materials, supplies or equipment offered by a bidder shall be new, unused, of recent manufacture, first class in every respect, and suitable for their intended purpose. All equipment shall be assembled and fully serviced, ready for operation when delivered.
12. WARRANTY: Supplies or services furnished as a result of this bid shall be covered by the most favorable commercial warranties, expressed or implied, that the bidder and/or manufacturer gives to any customer. The rights and remedies provided herein are in addition to and do not limit any rights afforded to U.S.D. 500 by any other clause of this bid reserves the right to request from bidders a separate manufacturer certification of all statements made in the Proposal.
13. METHOD OF AWARD AND NOTIFICATION: Bids will be analyzed and the award made to the lowest and best, responsive and responsible bidder(s) whose bid conforms to the specifications and whose bid is considered to be the best value in the opinion of U.S.D. 500.
14. U.S.D. 500 reserves the right to reject any or all bids and any part of a bid: to waive informalities, technical defects, and minor irregularities in bids received: and to award the bid on an item by item basis by specified groups of items or to consider bids submitted on an "all or nothing "basis if the bid is clearly designed as such or when it is determined to be in the best interest of U.S.D. 500.
15. The signed bid shall be considered an offer on the part of the bidder: such offer shall be deemed accepted upon the issuance by U.S.D. 500 of a Purchase Order or other contractual document.
16. DELIVERY TERMS: All deliveries shall be F.O.B. Destination and all freight charges shall be included in the bid price.
17. DAMAGED AND/OR LATE SHIPMENTS: U.S.D 500 has no obligation to accept damaged shipments and reserves the right to return at the Contractor's expense damaged merchandise even though the damage was not apparent or discovered until after receipt of the items. The Contractor is responsible to notify U.S.D. 500 Purchasing Office of any late or delayed shipments. U.S.D. 500 reserves the right to cancel all or any part of an order if the shipment is not made as promised.
18. CREDIT TERMS: Bidder shall indicate all discounts for full and/or prompt payment. Discounts shall be considered as a cost factor in the determination of award, except discounts offered for payment within less than ten (10) calendar days. Discounts offered shall be computed from date of receipt of correct invoice or receipt and acceptance of products, whichever is later.
19. SELLER'S INVOICE: Invoices shall be prepared and submitted in duplicate to address shown on the Purchase Order. Invoices shall contain the following information: Purchase Order number, contract number, item number, description of supplies or services, sizes, unit of measure, quantity, unit price and extended totals.
20. TAX EXEMPT: U.S.D. 500 is exempt from Federal, State and local taxes by KS-FZLEKBLQ. Sites of all transactions under the order(s) that shall be derived from this bid request shall be deemed to have been accomplished within the State of Kansas.
21. SAFETY: All practices, materials, supplies and equipment shall comply with the federal Occupational Safety and Health Act, as well as any pertinent Federal, State and/or local safety or environmental codes.

- 22. **DISCLAIMER OR LIABILITY:** U.S.D. 500 will not hold harmless or indemnify any bidder for any liability whatsoever.
- 23. **TERMINATION RIGHTS:** KCKPS shall have the right to terminate/cancel the Agreement for its convenience and without penalty upon thirty (30) days prior written notice to the Contractor.
- 24. **HOLD HARMLESS:** The Contractor agrees to protect, defend, indemnify and hold the Board of Education, its officers, employees and agents fee and harmless from and against any and all losses, penalties, damages, settlements, costs, charges, professional fees or other expenses or liabilities or every kind and character arising out of or relating to any and all claims, liens, demands, obligations, actions, proceedings or causes of action of every kind and character in connection with or arising directly or indirectly out of this agreement and/or the performance hereof. Without limiting the generality of the foregoing, any and all such claims, etc., relating to personal injury, infringement of any patent trademark, copyright (or application for any thereof) or of any other tangible or intangible personal or property right, or actual or alleged violation of any applicable statute, ordinance, administrative order, rule or regulation, or decree of any court, shall be included in the indemnity hereunder. The Contractor further agrees to investigate, handle, respond to, provide defense for and defend any such claims, etc., at his/her sole expense and agrees to bear all other costs and expenses related thereto, even if such claim is groundless, false or fraudulent.

NO MUTUAL INDEMNIFICATION:

K.S.A.72-8201a: Contracts; indemnification or hold harmless provisions, void.

(a) It is the public policy of the state of Kansas that all contracts entered into by the board of education of a school district, or any officers or employees thereof acting on behalf of the board, provide that the school district and board of education shall be responsible solely for the district's or board's actions or failure to act under a contract.

(b) The board of education of a school district or any officers or employees thereof acting on behalf of the board shall not have the authority to enter into a contract under which the school district or board agrees to, or is required to, indemnify or hold harmless against damages, injury or death resulting from the actions or failure to act on the part of any party to a contract other than the board or district.

(c) The provisions of any contract entered into in violation of this section shall be contrary to the public policy of the state of Kansas and shall be void and unenforceable.

- 25. **INSURANCE:** Upon receipt of award, Contractor shall provide Certificate of Insurance as required within three (3) days after notification issued by the Purchasing Department.

A. The following general insurance requirements apply to any and all work under this contract by all Contractors and subcontractors of any tier.

- (1) Any and all insurance required by this contract with each and any and all insurance required by this contract shall be maintained during the entire length of this contract, including any extensions thereto, and until all work has been completed to the satisfaction of the Kansas City Kansas Public Schools. Any and all insurance must be on an occurrence basis.
- (2) No Contractor or subcontractor shall commence work under a contract until all insurance requirements contained within the solicitation have been complied with and until evidence of all insurance requirements in each and every contract with each and every subcontractor of any tier and shall require the same to comply with all such requirements.
- (3) The Kansas City Kansas Public Schools shall be covered as an Additional Insured under any and all insurance required by this contract. Confirmation of this shall appear on all certificates of insurance and on any and all applicable policies. The title of the awarded contract shall also appear on any and all applicable policies.
- (4) The Kansas City Kansas Public Schools shall be given no less than thirty (30) days' written notice of cancellation. The Kansas City Kansas Public Schools shall be given not less than thirty (30) days' prior written notice of material changes of any insurance required under this contract. The Kansas City Kansas Public Schools shall be given written notice of renewal of coverage not less than thirty (30) days prior to the expiration of any particular policy.
- (5) Each and every agent shall warrant when signing the certificate of insurance that he is acting as an authorized representative on behalf of the companies affording insurance coverage under the contract and that he is licensed by the State of Kansas to conduct insurance business in the State of Kansas and that the companies affording insurance coverage are currently licensed by the State of Kansas and are currently in good standing with the Commissioner of Insurance for the State of Kansas.
- (6) Any and all companies providing insurance required by this contract shall meet the minimum financial security requirements as set forth below. The rating for each company must be indicated on the certificate of insurance.

For all contracts, regardless of risk, companies providing insurance under this contract must have a current:

- (a) Best's Rating not less than A, and
- (b) Best's Financial Size Category not less than Class VII
- (7) In the event the Contractor neglects, refuses, or fails to provide insurance required by the contract documents, or if such insurance is canceled for any reason, Kansas City Kansas Public Schools shall have the right, but not the duty, to procure the same, and the cost thereof shall be deducted from monies then due or thereafter to become due to the Contractor or Kansas City Kansas Public Schools shall have the right to cancel the contract.

B. **Worker's Compensation and Employer's Liability Insurance**

The Contractor shall procure and maintain Worker's Compensation and Employer's Liability Insurance in the following limits. Such insurance is to cover each and every employee who is or may be engaged in work under this contract.

Worker's Compensation.....	Statutory
<u>Employer's Liability</u>	
Bodily Injury by Accident	\$1,000,000 each accident
Bodily Injury by Disease	\$1,000,000 each employee

Bodily Injury by Disease\$1,000,000 policy limit

C. Comprehensive General Liability Insurance

The Contractor shall procure and maintain Comprehensive Insurance in an amount not less than \$1,000,000 for bodily injury and property damage combined single limit. The following specific extensions of coverage shall be provided and indicated on the certificate of insurance:

- (1) Comprehensive Form
- (2) Contractual Insurance
- (3) Personal Injury
- (4) Broad Form Property Damage
- (5) Premises – Operations
- (6) Completed Operations

This coverage shall cover the use of all equipment, hoists, and vehicles on the site(s) not covered by Automobile Liability under this contract. Policy coverage must be on an occurrence basis.

D. Automobile Liability Insurance

The Contractor shall procure and maintain Automobile Liability Insurance in an amount not less than \$1,000,000 for bodily injury and property damage combined single limit. The following extensions of coverage shall be provided and indicated on the certificate of insurance.

- (1) Comprehensive Form
- (2) Owned, Hired, Leased and non-owned vehicles

If the Contractor does not own any vehicles in the corporate name, non-owned vehicles coverage shall apply and must be endorsed on either the Contractor's personal automobile policy or the Comprehensive General Liability coverage required under this contract.

E. Commercial Crime insurance (when applicable)

The Contractor shall procure and maintain Commercial Crime/Fidelity insurance in an amount not less than \$1,000,000.00, including coverage for theft or loss of KCKPS property.

- 26. LAW GOVERNING: All contractual agreements shall be subject to, governed by, and construed according to the laws of the State of Kansas.
- 27. ANTI-DISCRIMINATION CLAUSE: No bidder on this request shall in any way, directly or indirectly, discriminate against any person because of age, race, color handicap, sex, national origin, or religious creed.
- 28. BID BOND/PERFORMANCE BOND (Applicable to Construction/Remodel/Repair Projects, Unless Waived by the District)
 - A. Each proposal must be accompanied by a certified or cashier's check, or a bid bond in the amount of five percent (5%) of the Contractor's total bid.
 - B. A Performance Bond and a Material and Labor Payment Bond in amounts equal to one hundred percent (100%) of the contract price shall be furnished by the successful bidder. Bonds shall be issued by a surety acceptable to the Board.
- 29. DISQUALIFICATION:
 - A. The Director of Purchasing may, at her/his sole discretion, disqualify a bidder for one or any combination of the following reasons:
 - 1. Bidder's product does not meet the specifications or bid conditions of the solicitation;
 - 2. Bidder's tendered bid is not received on the District's bid form;
 - 3. Bidder's tendered bid is not signed;
 - 4. Required bid bond is not furnished at time of bid opening;
 - 5. Failure to comply with bid instructions, terms and conditions that are judged to be essential to the competitive process and in the best interests of the District.
 - B. Disqualification of bidders on future bids may be considered for any one or combination of the following reasons:
 - 1. Refusal of the bidder to complete a contract or bid;
 - 2. Bidder's past history of late deliveries or partial/incomplete shipments,
 - 3. Bidder's products or services have proven unreliable, unworkable or have not accomplished the result requested in the District's specifications.
- 30. SUPPLIER DIVERSITY: The Kansas City Kansas Public Schools encourages supplier diversity and participation of MBE/WBE/DBE designated businesses. However, such participation will not result in any selection or scoring advantage in the bid evaluation process.
- 31. INCLEMENT WEATHER / EMERGENCY:**
IF THERE IS A SCHOOL CLOSING THE DAY OF A SCHEDULED BID OPENING DUE TO INCLEMENT WEATHER OR AN EMERGENCY, THE BID OPENING WILL OCCUR AT 2:00 PM (CENTRAL) THE NEXT BUSINESS DAY THAT THE DISTRICT IS OPEN.



Project _____
 AIA # _____ SIS # _____
 Item # _____ Quantity _____ C.S.I. Section 114000



AM16VLT-BAS TALL BASE ELECTRIC High Temperature Ventless Door-Style Dishwashing Machine



STANDARD FEATURES

- + .67 gallons per rack pumped final rinse
- + 40 racks per hour – hot water sanitizing
- + Ventless energy recovery
- + User-friendly smart touchscreen controls
- + WiFi connectivity
- + SmartConnect app and cloud with machine status, temperature logs, error code reporting, and cost, consumption and usage analysis
- + Two stage filtration
- + Pillarless opening
- + 3-sided hood
- + Single point electrical connection standard, field convertible to dual point connection
- + 3 phase standard, field convertible to single phase
- + Temperature and chemical lock outs (with Hobart equipped chemical pumps)
- + Pumped drain
- + Door lock
- + Timed wash cycles for 1, 2, 4 or 6 minutes
- + NSF pot and pan rating for 2-, 4- & 6- minute cycles
- + Sense-A-Temp™ 70°F rise electric booster heater
- + Self-draining, high efficiency wash pump with stainless steel impeller
- + 27" door opening for 18" x 26" sheet pans or 60-quart mixing bowl
- + Stainless steel drawn tank, tank shelf, chamber, trim panels, frame and feet
- + Spring counterbalanced chamber with UHMW guides
- + X-shaped revolving, interchangeable upper and lower anticlogging wash arms
- + Revolving, interchangeable upper and lower rinse arms
- + Slanted, self-locating, one-piece scrap screen and basket system
- + Automatic fill
- + Door actuated start
- + AutoClean
- + Factory startup
- + Service diagnostics
- + Straight-through or corner installation
- + Delime cycle with notification (field activated)
- + Sheet pan rack

SPECIFIER STATEMENT

Specified unit will be a Hobart AM16 Tall Base electric high temperature ventless dishwashing machine. Features include 3-sided pillarless hood, ventless operation & energy recovery, door lock, touchscreen controls with WiFi connectivity, NSF pot and pan rating for 2-, 4- & 6-minute cycles, 27" door opening, pumped drain, auto door start with auto fill, interchangeable stainless steel rinse arms and X-shaped wash arms, delime cycle, advanced diagnostics and service connection, up to 40 racks per hour, .67 U.S. gallons per rack pumped final rinse.

1 year parts and labor warranty.

OPTIONS & ACCESSORIES (Available at extra cost)

- Peg, combination and wine rack
- Chemical pumps
- Splash shield for corner installations
- Flanged and seismic feet
- Water hammer arrestor kit
- Rapid fill kit
- Sink integration kit
 - Sink saddle & 3" leg extension
 - Sink rail kit
 - Fold down table
- Drain water tempering kit
- Prison package
- Marine package
- Pumped drain air gap kit

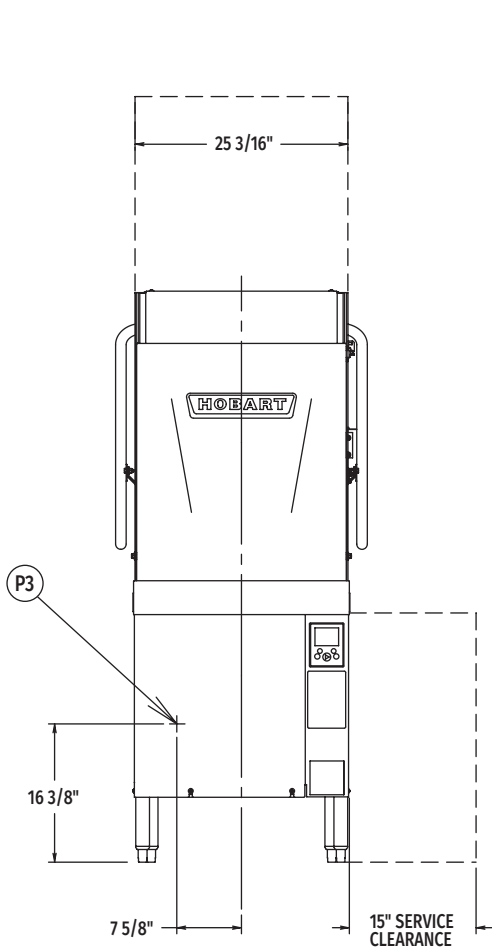
AM16 SERIES – AM16VLT-BAS TALL BASE ELECTRIC VENTLESS

Approved by _____ Date _____ Approved by _____ Date _____

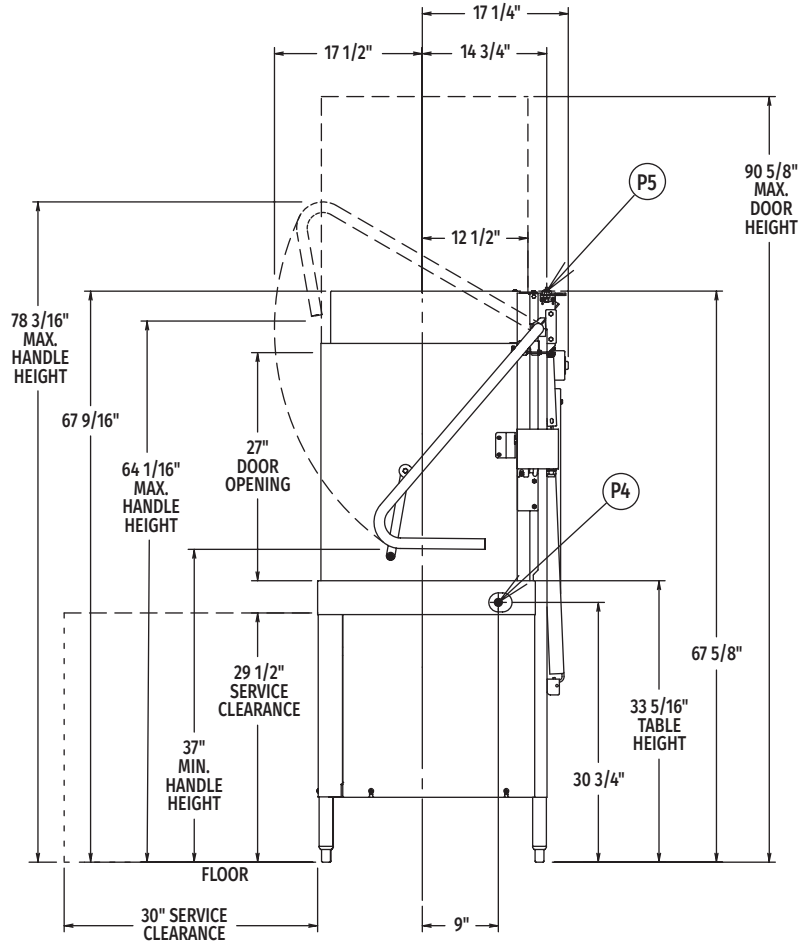


AM16VLT-BAS TALL BASE ELECTRIC

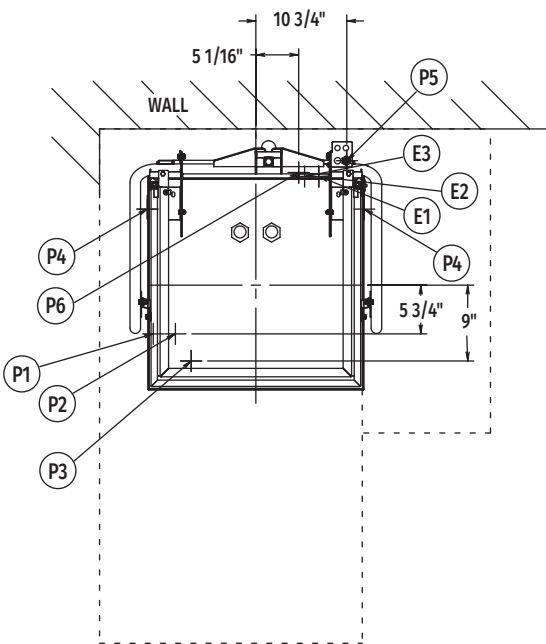
High Temperature Ventless
Door-Style Dishwashing Machine



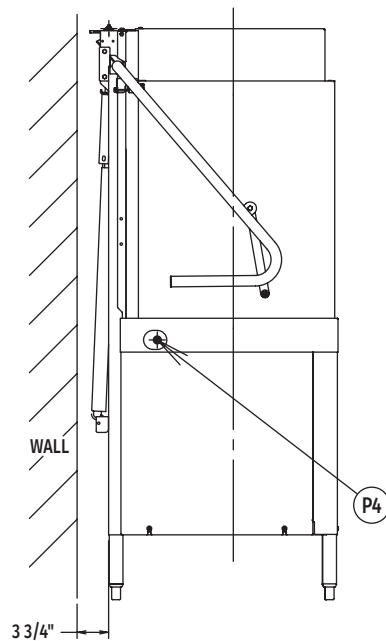
Front View



Right Side View



Top View



Left Side View

MODEL:
AM16VLT-BAS
E-950440

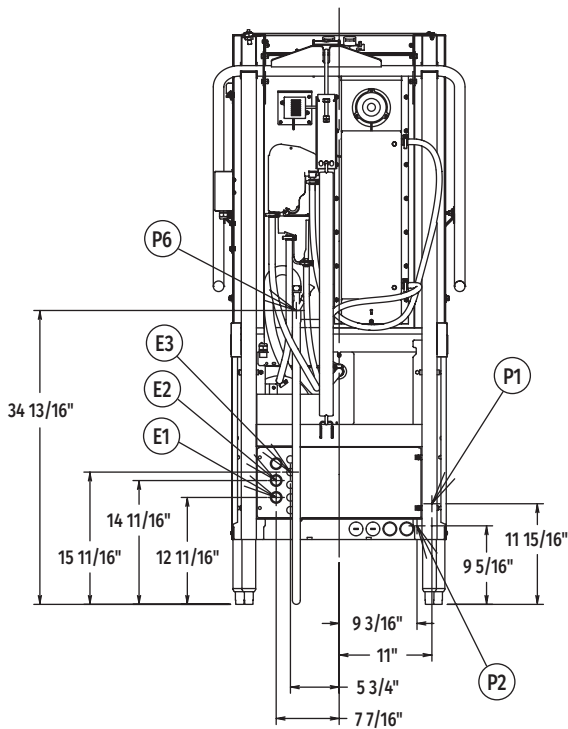


AM16VLT-BAS TALL BASE ELECTRIC

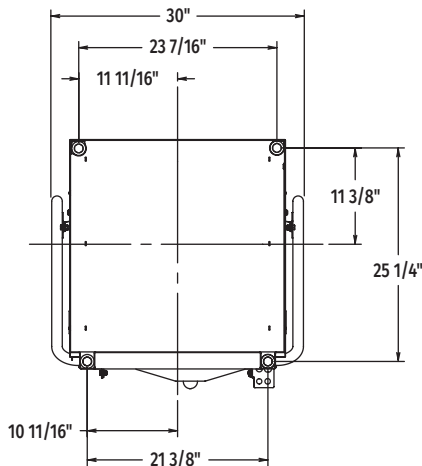
High Temperature Ventless Door-Style Dishwashing Machine

WARNING: Electrical and grounding connections must comply with the applicable portion of the National Electrical Code and/or other local electrical codes.

Plumbing connections must comply with applicable sanitary, safety, and plumbing codes.



Rear View



Bottom View

LEGEND

Electrical Connections	
E1	Electrical connection: wash pump motor & sump heater, 1" or 3/4" conduit hole; 12-11/16" AFF.
E2	Electrical connection: electric booster & controls only or single point electrical connection (3PH only), 1" or 3/4" conduit hole; 14-11/16" AFF.
E3	Electrical connection: detergent & rinse agent feeders, (DPS1 & DPS2) 1.5 amps @ nameplate supply voltage, (RPS1 & RPS2) 1.5 amps @ nameplate supply voltage; 1/2" conduit hole, 15-11/16" AFF.
Plumbing Connections	
P1	Common water connection including booster heater: 55°F water minimum; 15-65 PSI recommended; 3/4" female garden hose fitting on 6' long hose supplied with machine; 11-15/16".
P2	Optional – hot water connection: 110°F water minimum (rapid fill accessory - when ordered); 3/4" female garden hose fitting on 6' long hose; 9-5/16" AFF.
P3	Detergent probe sensor: remove cap and stud assembly to access 7/8" hole; 16-3/8" AFF.
P4	Detergent feeder: two locations available. Remove cap and stud assembly to access 7/8" hole; 30-3/4" AFF.
P5	Rinse agent feeder: remove 1/8" NPT pipe plug to access 1/8" NPT tapped hole; 67-5/8" AFF.
P6	Drain connection: 5/8" barb fitting with 6' long hose supplied with machine; 34-13/16" AFF. Maximum height 40" AFF.

SPECIFICATIONS

Capacities

Racks Per Hour (maximum)	40
Dishes per Hour (average 25 per rack)	1,000
Glasses per Hour (average 45 per rack)	1,800
Wash Tank (U.S. gallons)	10.5

Motor Horsepower

Rinse Pump	0.18
Wash Pump	2
Drain Pump	0.21
Blower	0.05

Rinse

Gallons per Rack	0.67
Gallons per Hour (maximum consumption)	26.8

Peak Rate of Drain Flow

Gallons per Minute (initial rate with full tank)	18.5
--	------

Heating

Electric Booster (kW)	7.1
Electric Heating Unit (kW)	5.4

Shipping Weight (approximate) 372 lbs.

Crated Dimensions 73.75"H x 36.5"W x 36.5"L



AM16VLT-BAS TALL BASE ELECTRIC

High Temperature Ventless
Door-Style Dishwashing Machine

E1 AM16 with Electric Heat (When Field Converted to Dual Point)			
Voltage	Rated Amps	Minimum Supply Circuit Ampacity	Maximum Protective Device
208-240/60/1	39.6	50	50
208-240/60/3	26.9	30	30
480/60/3	10.5	15	15

E2 Booster & Controls Ampacity Ratings (When Field Converted to Dual Point)			
Voltage	Rated Amps	Minimum Supply Circuit Ampacity	Maximum Protective Device
208-240/60/1	43.5	50	50
208-240/60/3	26.8	30	30
480/60/3	13.5	15	15

E2 AM16 Single Point Electrical Service Connection as Shown Below			
Voltage	Rated Amps	Minimum Supply Circuit Ampacity	Maximum Protective Device
208-240/60/3	53.7	60	60
480/60/3	24.0	30	30

Approximate Heat Gain to Space without Vent Hood	
Type	BTU/Hr.
Latent	6,800
Sensible	5,000

Miscellaneous Notes: All dimensions taken from floor line may increase 7/8" or decrease 3/8" depending on leg adjustment.

Vent hood (if required) to provide a minimum 450 CFM exhaust (ref installation instructions).

Net weight of machine including booster: 355 lbs.

Domestic shipping weight including booster: 375 lbs.

Size of racks – 19³/₄" x 19³/₄".

Backflow prevention provided by NSF-approved air gap device.

Plumbing Notes: Water hammer arrestor (meeting ASSE-1010 standard or equivalent) to be supplied (by others) in common water supply line at service connection.

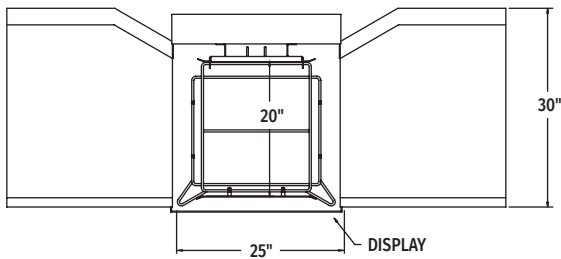
Recommended water hardness to be 3 grains or less for best results.

Note: Electric heating unit & booster (kW) calculated at 208V. Recommended building flowing water pressure to the dishwasher at or above 20PSI. Pressures lower than 20 PSI may affect machine fill/start-up times.

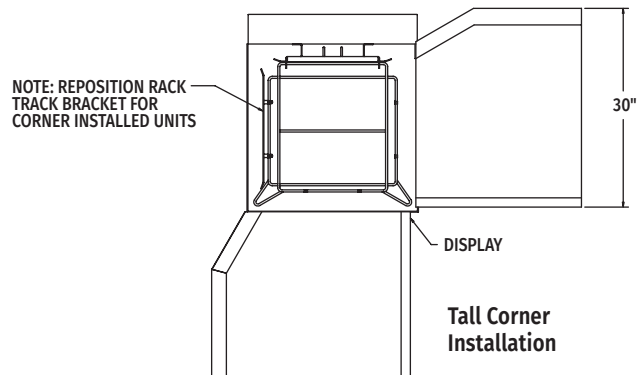
This is a pumped rinse machine. Pressure regulating valve is not necessary on hot or cold lines.

For convenience when cleaning, water tap should be installed near machine with heavy duty hose and squeeze valve.

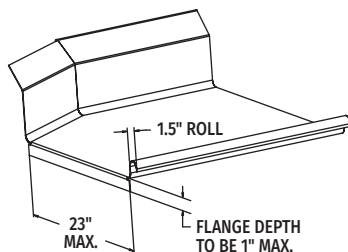
AM16VLT-BAS TABLING CONFIGURATIONS AND TRACK DESIGN



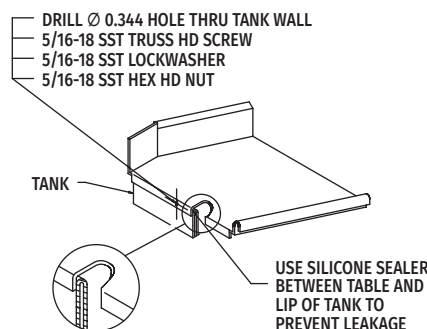
Pass Thru Installation



Tall Corner Installation



Suggested Table Design



As continued product improvement is a policy of Hobart, specifications are subject to change without notice.