



Unit Overview

Chiller Model	Air cooled Series R(TM) model RTAC
Unit Nominal Tonnage	400 nominal tons
Unit Type	High efficiency
Refrigeration Capacity	428.4 tons
Cooling Efficiency	10.55 EER (Btu/W-h)
IPLV/IP	14.97 EER (Btu/W-h)
Elevation	0.000 ft
Unit Voltage	460.v/60.hz/3ph
ASHRAE 90.1 Compliance	All versions to 2016
Model Number	RTAC4004U**HUAFLN1TX2CD BNN5TN11AR0EX



Evaporator Information

Evaporator Application					
Std temp					
Fluid Properties		Flow Rate		Construction Features	
Fluid Type	Water	Design Flow	930.0 gpm	Configuration	2pass 0.75 insulation
Fluid Concentration	0.00 %	Min Flow	422.0 gpm	Fouling Factor	0.000100 hr-sq ft-deg F/ Btu
Freeze Point	32.00 F	Fluid Pressure Drop			
Fluid Temperatures		Design PD	16.1 ft H2O		
Evaporator Leaving	45.00 F	Min PD	3.69 ft H2O		
Evaporator Entering	56.01 F				

Condenser Information

Unit Application	Low ambient	Condenser Coil Option	Aluminum Fins	Field Purchased Evaporative Pre-Cooling	No Pre-Cooling
Ambient Air Temp.	95.0 F		Cond. Fan/Motor Config		
Number of Fans	28.00 Each				

Unit Electrical

Unit		RLA	LRA
Unit Voltage	460.v/60.hz/3ph	Compressor A	162.00 A
Compressor Power	445.7 kW	Compressor B	162.00 A
Total Power	487.2 kW	Compressor C	162.00 A
Fan Power	40.65 kW	Compressor D	162.00 A
Incoming Power Line Conn. Type	Dual point	MCA	MOP
Power Line Conn. Type	Circuit Breaker - HACR rated	Dual Point Power ckt 1	405 A
Short Circuit Current Rating	10000 A	Dual Point Power ckt 2	405 A
Compressor Starter Type	Across the line		
Condenser Fan RLA	2.70 A		

Physical Information

Dimensions		Weights		Refrigerant Charge	Oil Charge
Length	542.000 in	Operating Weight	27750 lb	Circuit 1	460.0 lb
Width	90.000 in	Shipping Weight	27136 lb	Circuit 2	460.0 lb
Height	96 in				

A-weighted Unit Acoustics

Sound Power	Sound Pressure	Compressor Sound Package
104 dBA	76 dBA	Sound enhancement

Warranty

Standard Warranty



Information for LEED Projects

Refrigerant (HFC-134a) - ckt 1	460.0 lb	ASHRAE 90.1 - all versions up to 2016
Refrigerant (HFC-134a) - ckt 2	460.0 lb	
Rated Capacity (AHRI)	420.4 tons	This product meets the minimum efficiency requirements of ASHRAE Standard 90.1 and CANS/CSA C743 for all versions (which are based on AHRI standard rating conditions) and, therefore, also meets the LEED "Minimum Energy Performance" prerequisite in the Energy and Atmosphere section. The LEED Green Building Rating System™, developed by the U.S. Green Building Council, provides independent, third-party verification that a building project meets green building and performance measures.
Rated Efficiency (AHRI)	10.46 EER (Btu/W-h)	
IPLV	14.97 EER (Btu/W-h)	
Refrigeration Capacity	428.4 tons	
Cooling Efficiency	10.55 EER (Btu/W-h)	
Compress Power	445.7 kW	
Fan Motor Power	40.65 kW	

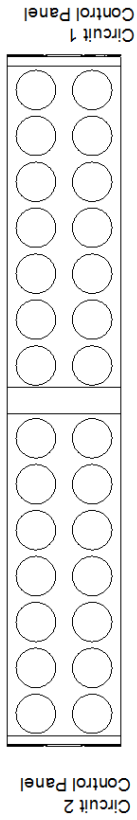
Certified in accordance with the AHRI Air-Cooled Water-Chilling Packages Certification Program, which is based on AHRI Standard 550/590 (I-P) and AHRI Standard 551/591 (SI). Certified units may be found in the AHRI Directory at www.ahridirectory.org.



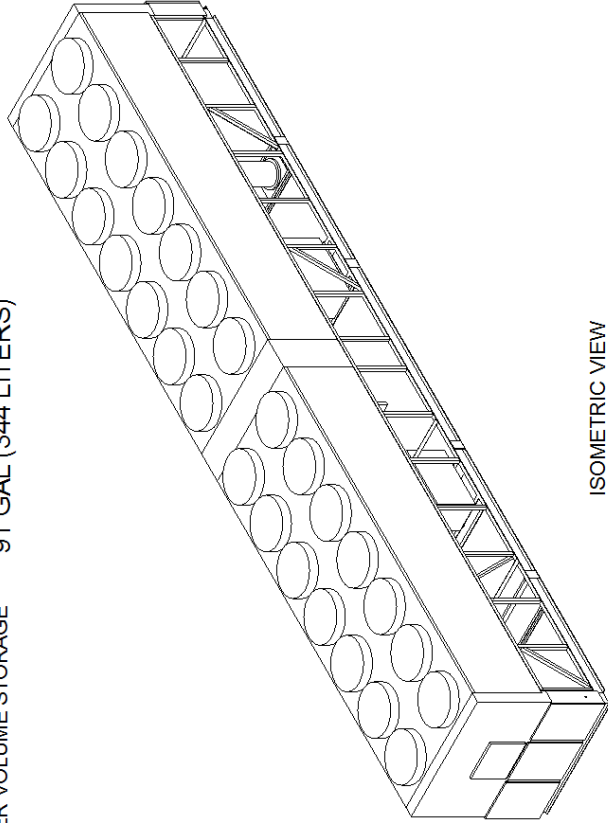
Trane Select Assist Version Number: 258
 Data Generation Date: 4/6/2022

WATER VOLUME STORAGE 91 GAL (344 LITERS)

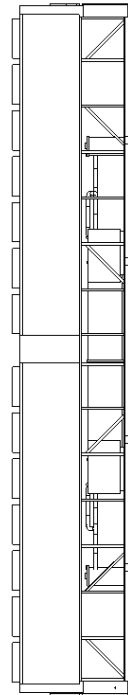
MOUNTING HOLE DIAMETER 3/4"
 WATER CONNECTION DIAMETER 8 in (203.2 mm) NPS
 LIFTING PLATE DIMENSIONS 7 1/2" x 6"



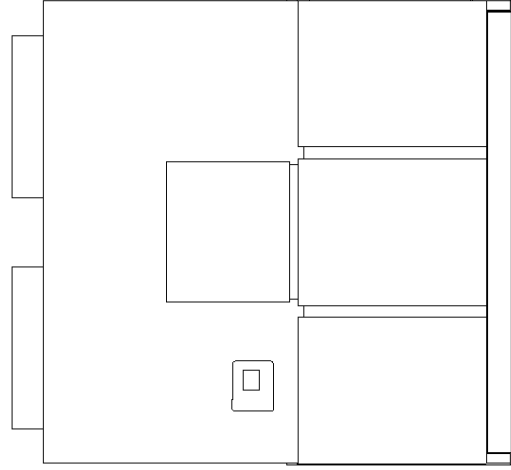
TOP (PLAN) VIEW



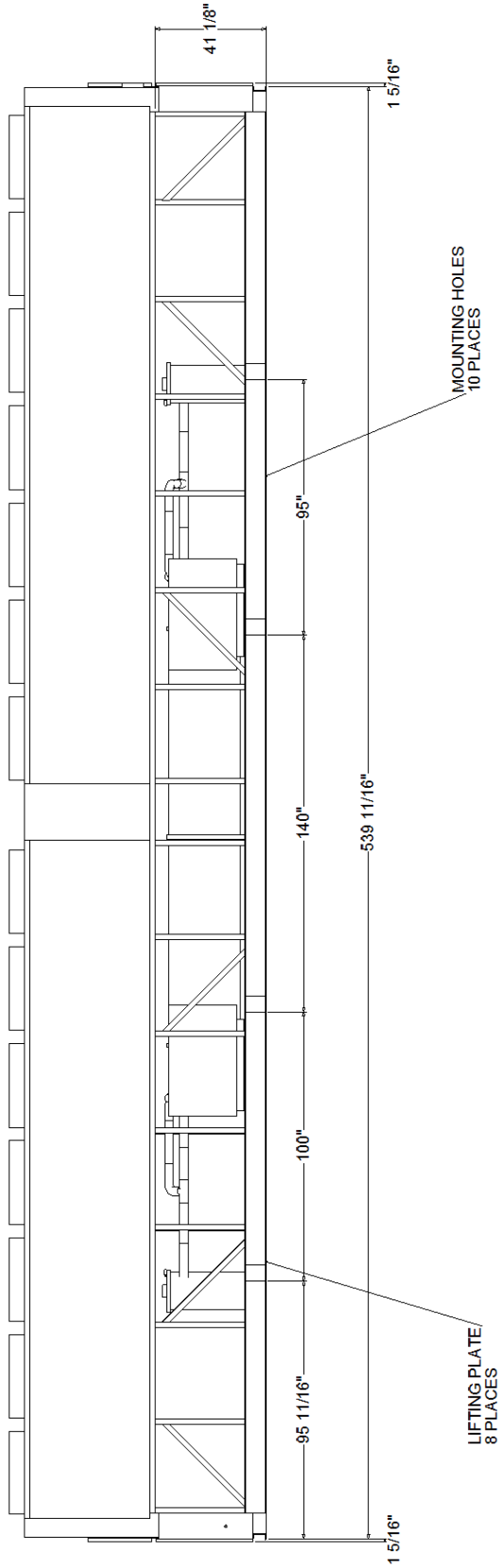
ISOMETRIC VIEW



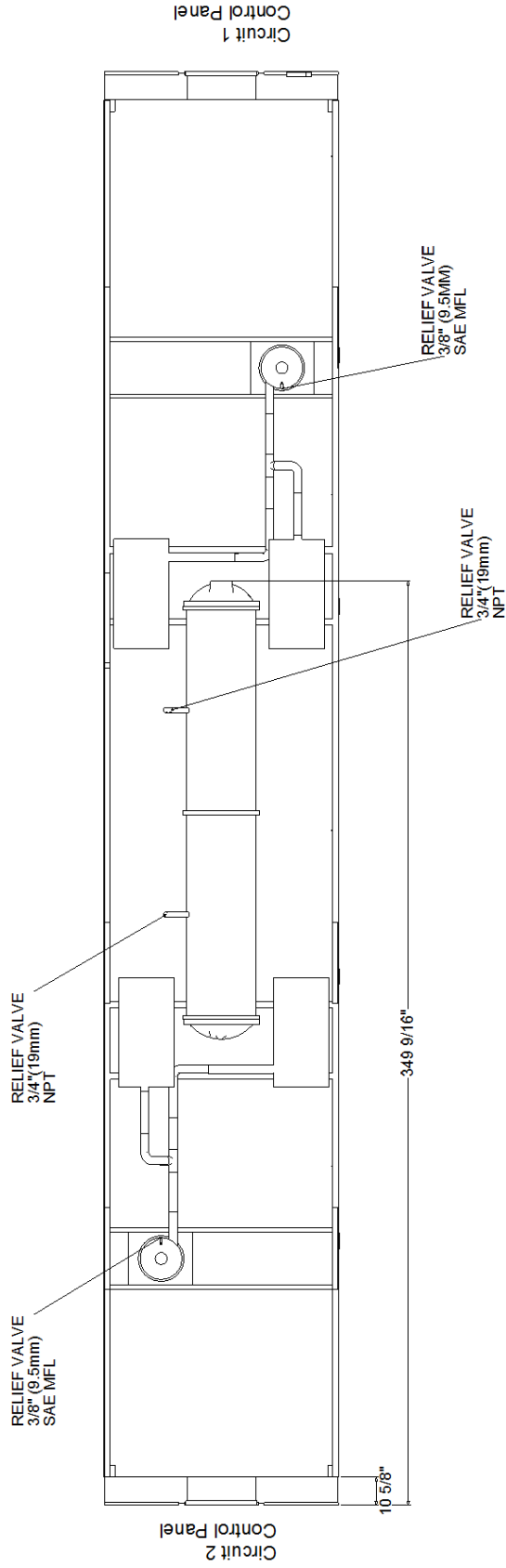
SIDE VIEW



END VIEW

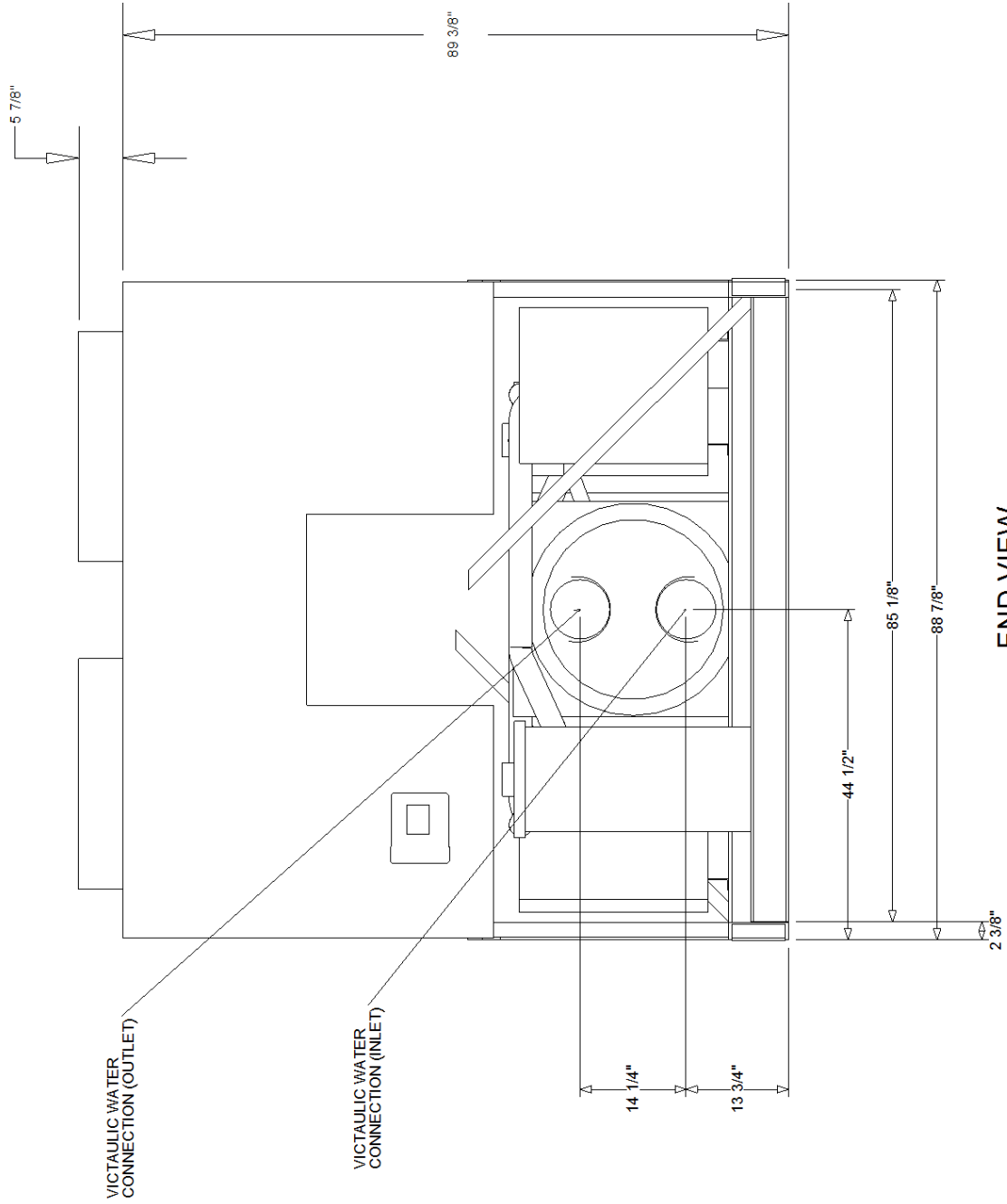


LEFT SIDE VIEW



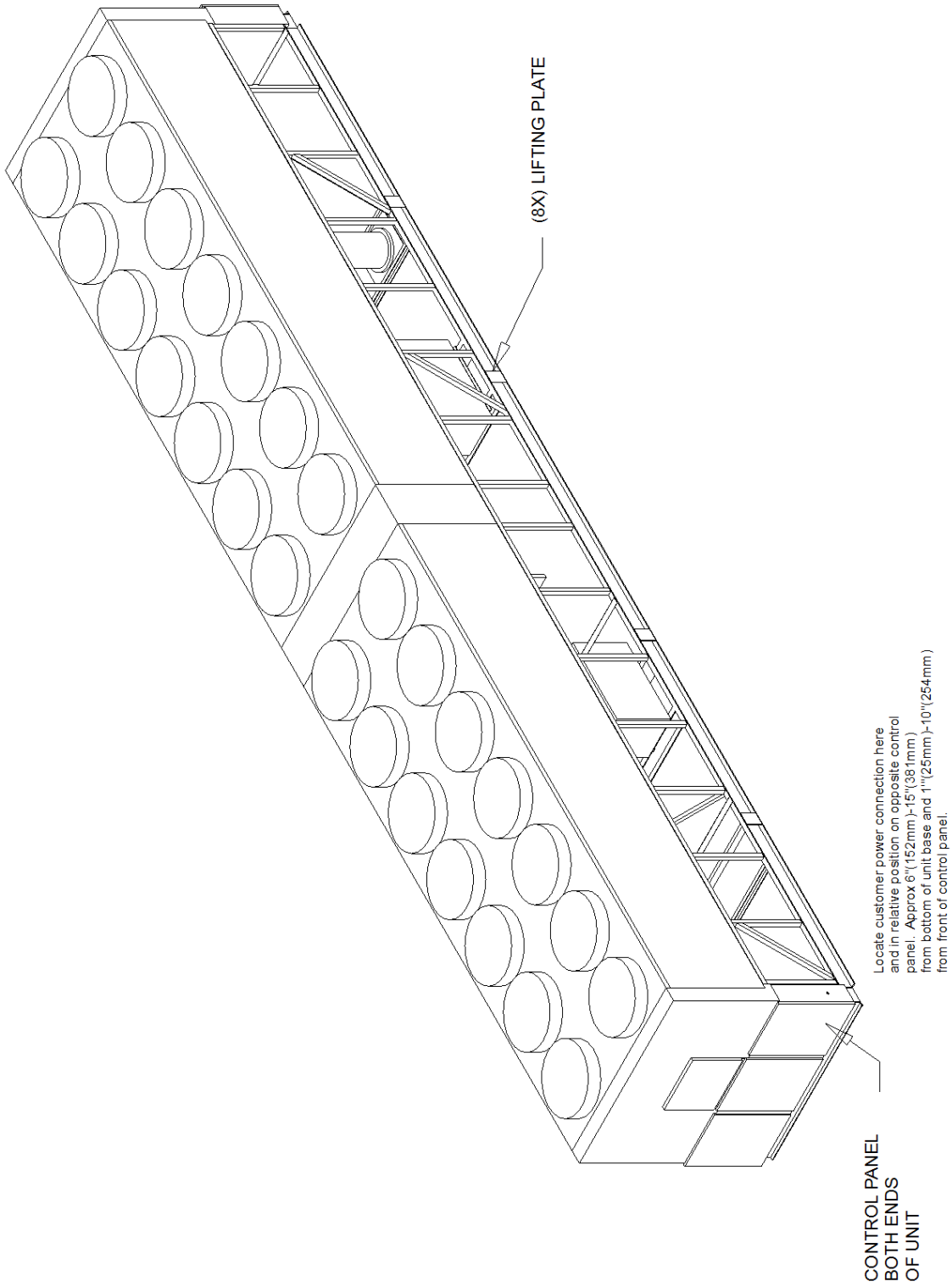
TOP (PLAN) VIEW
CONDENSER REMOVED

Note: Add 1 5/16" to overall width for louvered panels and coil protection.



END VIEW

CIRCUIT 1 PANEL REMOVED
 THE CONTROL PANEL WAS REMOVED TO SHOW THE WATER CONNECTION DIMENSIONS. THE CONTROL CABINETS COVER THE ENTIRE END OF THE UNIT, SO WATER CONNECTIONS MUST BE BROUGHT OUT FROM THE SIDE OF THE CHILLER.

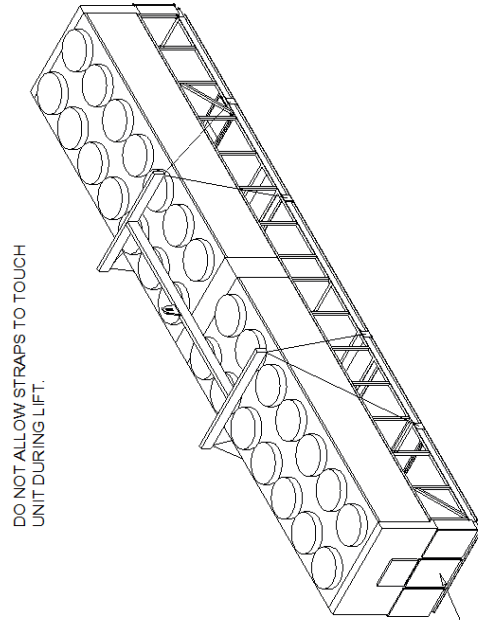


ISOMETRIC VIEW

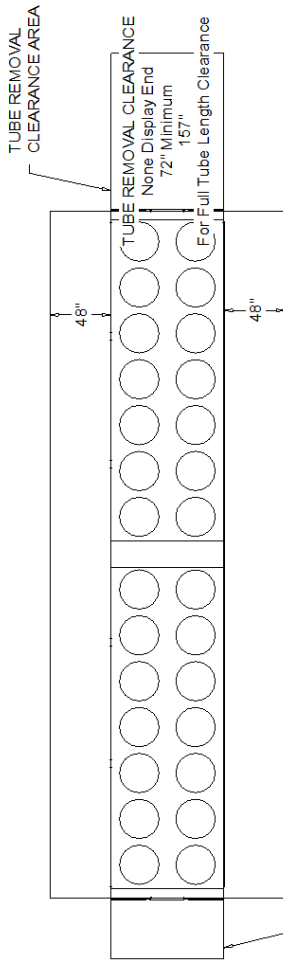
- NOTES:
1. LIFTING CHAINS/CABLES WILL NOT BE THE SAME LENGTH. ADJUST TO KEEP UNIT LEVEL WHILE LIFTING.
 2. DO NOT FORK LIFT UNIT.
 3. WEIGHTS ARE TYPICAL FOR UNITS WITH R-134A CHARGE.
 4. WEIGHTS ARE TYPICAL FOR UNITS WITHOUT LOUVER PANELS.

LIFTING WEIGHTS								TOTAL WEIGHT
W1	W2	W3	W4	W5	W6	W7	W8	
3373.0 lb	3299.0 lb	3405.0 lb	3331.0 lb	3452.0 lb	3378.0 lb	3486.0 lb	3412.0 lb	27,136 lb

FOR OBSTRUCTIONS OR MULTIPLE UNITS, REFER TO THE CLOSE SPACING BULLETIN. DO NOT ALLOW STRAPS TO TOUCH UNIT DURING LIFT.



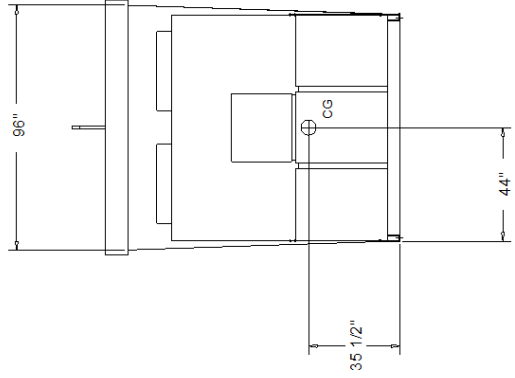
ISOMETRIC VIEW



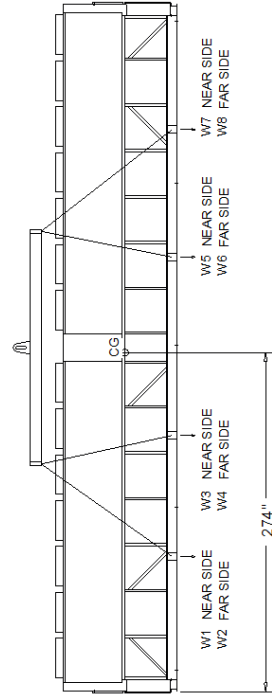
TOP (PLAN) VIEW

CONTROL PANEL BOTH ENDS OF UNIT

Different unit configurations and options may cause a variation in the center of gravity from what is listed. Refer to the Installation, Operating and Maintenance manual for specific lifting instructions.



END VIEW



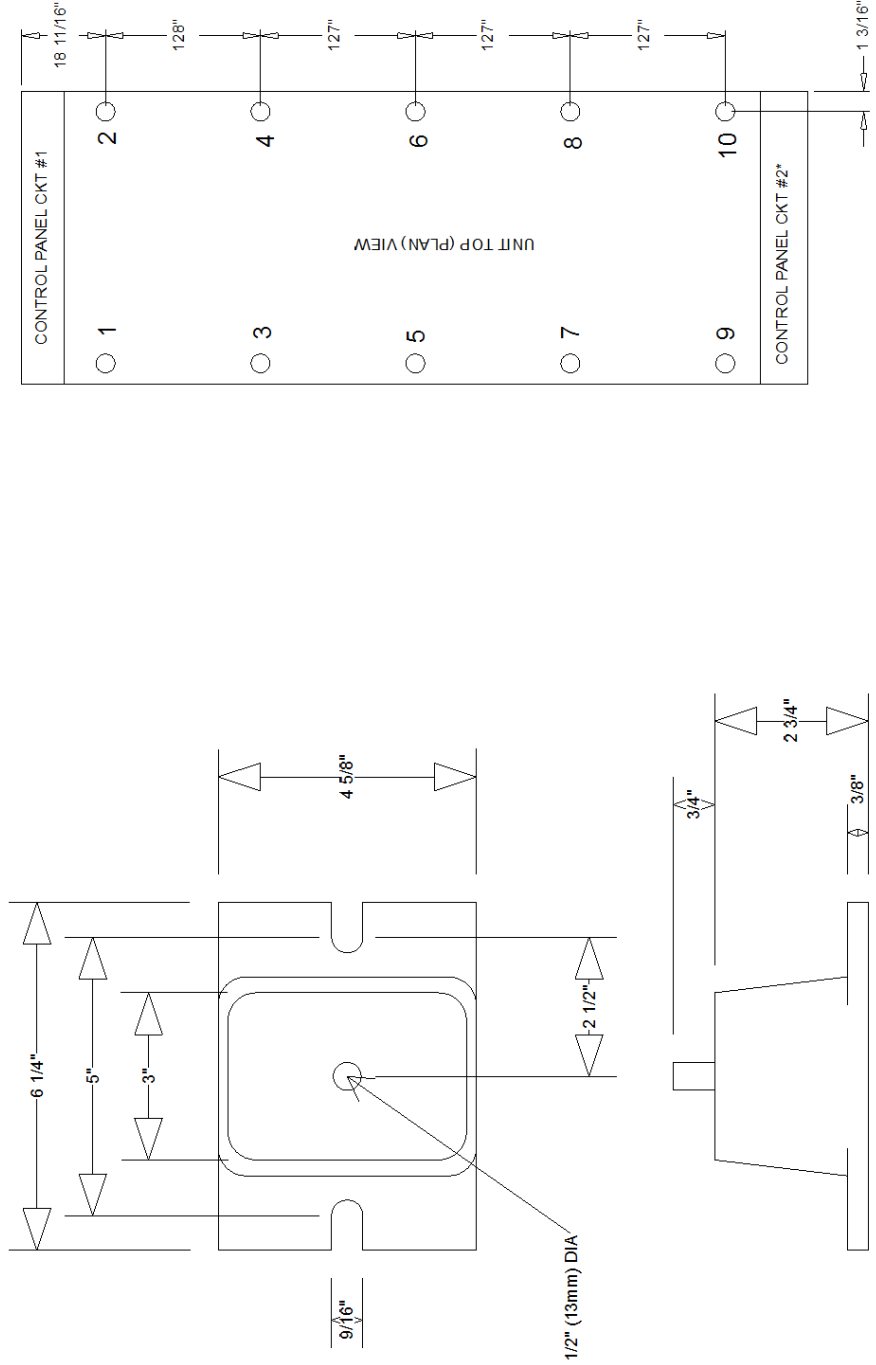
NOTE: DIMENSIONED FROM CIRCUIT 1 - DISPLAY END

SIDE VIEW

UNIT SIZE	MOUNTING LOCATIONS AND POINT LOAD WEIGHTS										TOTAL OPERATING WEIGHT
	1	2	3	4	5	6	7	8	9	10	
400	2744.0 lb	2705.0 lb	2773.0 lb	2729.0 lb	2797.0 lb	2754.0 lb	2822.0 lb	2778.0 lb	2846.0 lb	2802.0 lb	27,750 lb

UNIT SIZE	MOUNTING LOCATIONS AND ISOLATOR PART NUMBER										MAX LOAD
	1	2	3	4	5	6	7	8	9	10	
400	RDP4-WR_GRAY	RDP4-WR_GRAY	RDP4-WR_GRAY	RDP4-WR_GRAY	RDP4-WR_GRAY	RDP4-WR_GRAY	RDP4-WR_GRAY	RDP4-WR_GRAY	RDP4-WR_GRAY	RDP4-WR_GRAY	4000.0 lb

MOUNTING LOCATION 1 IS DIMENSIONED FROM THE EDGE OF THE UNIT BASE (NOT THE EDGE OF THE CONTROL PANEL)
 MOUNTING HOLE DIAMETER 11/16"

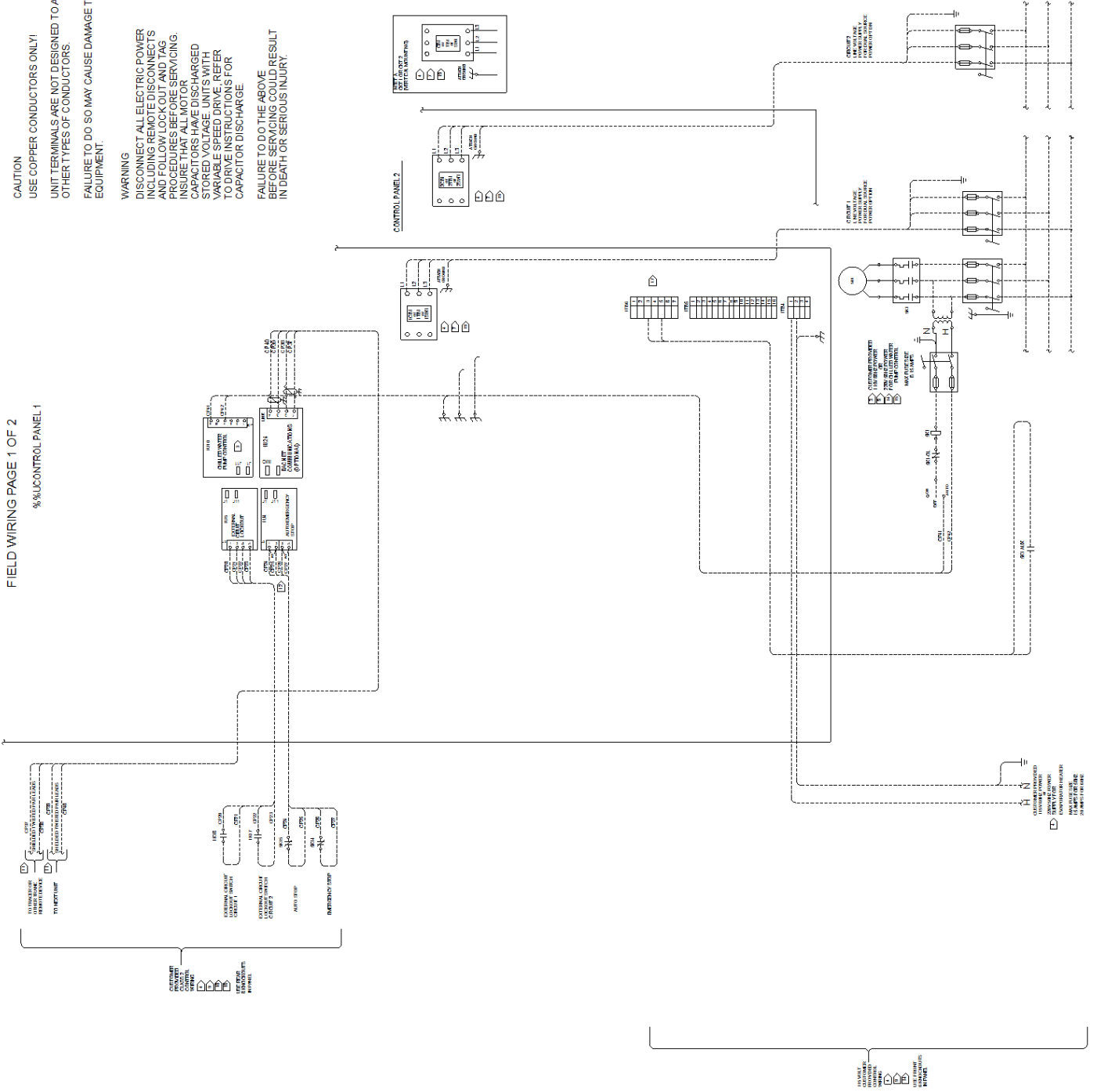


* NOTE: CIRCUIT #2 CONTROL PANEL IS NOT USED ON 225/250T, HE 60 HZ OR 185/200T, XE UNITS.

CAUTION
 USE COPPER CONDUCTORS ONLY!
 UNIT TERMINALS ARE NOT DESIGNED TO ACCEPT
 OTHER TYPES OF CONDUCTORS.
 FAILURE TO DO SO MAY CAUSE DAMAGE TO THE
 EQUIPMENT.

WARNING
 DISCONNECT ALL ELECTRIC POWER
 INCLUDING REMOTE DISCONNECTS
 AND FOLLOW LOCK OUT AND TAG
 PROCEDURES BEFORE SERVICING.
 INSURE THAT ALL MOTOR
 CAPACITORS HAVE DISCHARGED
 STORED VOLTAGE UNITS WITH
 VARIABLE SPEED DRIVE. REFER
 TO DRIVE INSTRUCTIONS FOR
 CAPACITOR DISCHARGE.
 FAILURE TO DO THE ABOVE
 BEFORE SERVICING COULD RESULT
 IN DEATH OR SERIOUS INJURY.

FIELD WIRING PAGE 1 OF 2
 %%CONTROL PANEL 1





FIELD WIRING PAGE 2 OF 2

CUSTOMER WIRE SELECTION TABLE		SHORT CIRCUIT WITHSTAND RATING
POWER WIRE SELECTION TO CIRCUIT BREAKER (1CB1/2CB1)		10,000 A
UNIT SIZE	400	LUG WIRE SIZE RANGE (PER PHASE)
UNIT VOLTAGE	460A	CIRC 1/CIRC 2 (DUAL PT PWR)
		(2) 2/0-500kcmil / (2) 2/0-500kcmil

GENERAL NOTES :

- 1 CAUTION-DO NOT ENERGIZE THE UNIT UNTIL CHECK OUT AND START UP PROCEDURES HAVE BEEN COMPLETED.
- 2 ALL MOTORS ARE PROTECTED FROM PRIMARY SINGLE PHASE FAILURES.
- 3 CAUTION- TRANE PUMP CONTROL MUST BE USED TO PROVIDE PUMP CONTROL. EVAPORATOR CHILLED WATER PUMP MUST BE CONTROLLED BY THE CHILLER OUTPUT. FAILURE TO COMPLY WITH THIS REQUIREMENT MAY RESULT IN DAMAGE TO THE UNIT.
- 4 THE FOLLOWING FEATURES ARE OPTIONAL AND MAY OR MAY NOT BE PROVIDED. CUSTOMER PROVIDED WIRING FOR ALL STANDARD FEATURES AND OPTIONS IS SHOWN ON THIS DIAGRAM. OPTIONAL FEATURES ARE SO NOTED.
 LOW VOLTAGE OPTIONAL (CLASS 2)
 TRACER COMMUNICATION INTERFACE
 ICE MAKING START/STOP
 EXTERNAL CURRENT LIMIT AND EXTERNAL CHILLED WATER SETPOINT
 115 VOLT OPTIONS FOR 60HZ UNITS, OR 220 VOLT OPTIONS FOR 50HZ.
 ICE MAKING STATUS
 UNIT OPERATING STATUS MODULE
 EVAPORATOR HEATER (FREEZE PROTECTION). STANDARD WITH UNIT MOUNTED EVAPORATOR. NOT USED WITH REMOTE EVAPORATOR OPTION.
 CONVENIENCE OUTLET OPTION IS AVAILABLE ONLY ON 60HZ UNITS.

WIRING REQUIREMENTS :

- 5 RECOMMENDED FIELD WIRING CONNECTIONS ARE SHOWN BY DOTTED LINES.
- 6 ALL FIELD WIRING MUST BE IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE AND STATE AND LOCAL REQUIREMENTS. EXPORT UNIT WIRING MUST COMPLY WITH LOCAL APPLICABLE CODES.
- 7 ALL UNIT POWER WIRING MUST BE COPPER CONDUCTORS ONLY AND HAVE A MINIMUM TEMPERATURE INSULATION RATING OF 90 DEGREE C. SEE UNIT NAMEPLATE FOR MINIMUM CIRCUIT AMPLACITY AND MAXIMUM FUSE SIZE REQUIREMENTS. THE POWER WIRING LUG SIZE PROVIDED ON THE VARIOUS UNITS IS SHOWN ON DRAWING 2309-2273, 3 COMPRESSOR UNITS OR 2309-2274, 4 COMPRESSOR UNITS.
- 8 ALL CUSTOMER CONTROL CIRCUIT WIRING MUST BE COPPER CONDUCTORS ONLY AND HAVE A MINIMUM INSULATION RATING OF 300 VOLTS. EXCEPT AS NOTED ALL CUSTOMER WIRING CONNECTIONS ARE MADE TO CIRCUIT BOARD MOUNTED BOX LUGS WITH A WIRE RANGE OF 14 TO 18 AWG. THE HEAT TAPE AND/OR CONVENIENCE OUTLET AND THE GROUND SIDE OF THE FLOW SWITCH GO TO TERMINAL STRIPS WITH A #10 SET SCREW WHICH WILL ACCEPT RING OR FORK TERMINALS OR STRIPPED WIRE LEADS.
- 9 DO NOT RUN LOW VOLTAGE CONTROL WIRING (30 VOLTS OR LESS) IN CONDUIT WITH 110 VOLT OR HIGHER WIRING. DO NOT EXCEED THE FOLLOWING MAXIMUM RUN LENGTHS FOR A GIVEN SIZE: 14 AWG, 5000 FT; 16 AWG, 2000 FT; 18 AWG, 1000 FT.
- 10 SHIELDED TWISTED PAIR LEADS ARE REQUIRED FOR CONNECTIONS TO THE COMMUNICATIONS INTERFACE MODULE (1U8 OR 1U24). THE SHIELD SHOULD BE GROUNDED AT THE RTAC CONTROL PANEL END.
- 11 THE CONTACTS FOR THESE FEATURES ARE JUMPERED AT THE FACTORY BY JUMPERS W1 & W2 TO ENABLE UNIT OPERATION. IF IF REMOTE CONTROL IS DESIRED REMOVE THE NOTED JUMPERS AND CONNECT TO THE DESIRED CONTROL CIRCUIT.
- 12 AS SHIPPED THE NORMAL 400 VOLT UNIT CONTROL POWER TRANSFORMERS ARE WIRED ON THE 400 VOLT TAP (H3). TRANSFORMER LEADS 126A & 126B SHOULD BE RECONNECTED TO THE APPROPRIATE TAP FOR THE 380 (H2) OR 415 (H4) VOLT POWER SUPPLIES.
- 13 GROUND ALL CUSTOMER PROVIDED 115 VOLT POWER SUPPLIES AS REQUIRED BY CODES. GREEN GROUND SCREWS ARE PROVIDED IN THE UNIT CONTROL PANEL.

CONTACT RATINGS AND REQUIREMENTS :

- 14 UNIT PROVIDED DRY CONTACTS FOR THE EVAPORATOR PUMP CONTROL, THE UNIT OPERATING STATUS RELAYS AND ICE MAKING STATUS RELAY (1U10, 1U12 & 1U13) ARE RATED FOR 7.2 AMPS RESISTIVE, 2.88 AMPS PILOT DUTY, OR 1/3 HP, 7.2 FLA AT 120 VOLTS 60 HZ. CONTACTS ARE RATED FOR 5 AMPS GENERAL PURPOSE DUTY AT 240 VOLTS. THE MAXIMUM FUSE SIZE FOR ANY OF THESE CIRCUITS IS 15 AMPS.
- 15 CUSTOMER SUPPLIED CONTACTS FOR ALL CLASS 2 CONNECTIONS MUST BE COMPATABLE WITH DRY CIRCUIT 24 VOLTS DC FOR A 12 MA RESISTIVE LOAD. SILVER OR GOLD PLATED CONTACTS ARE RECOMMENDED.
- 16 FLOW SWITCH & INTERLOCK CONTACTS MUST BE ACCEPTABLE FOR USE IN A 24 VOLT 12 mA CIRCUIT OR A 220 VOLT 2 mA CIRCUIT. REMOVE JUMPER BETWEEN 1TB6-5 & 1TB6-3 WHEN 5K1 AUX CONTACT IS USED.
- 17 THE FIELD PROVIDED INDICATORS MAY BE RELAYS (AS SHOWN), LIGHTS OR AUDIBLE DEVICES. FOUR DUPLICATE INDICATOR FUNCTIONS ARE SHOWN. THE DUPLICATE FUNCTIONS MAY BE CONNECTED TO EITHER OR BOTH OF THE NORMALLY OPEN OR NORMALLY CLOSED RELAY CONTACTS OF EACH OF THE 4 SPDT RELAYS ON THE OPTIONAL UNIT OPERATING STATUS MODULE.
 THE FUNCTIONS OF THE OPERATING STATUS MODULE RELAYS ARE PROGRAMABLE. SEE IOM FOR DETAILS. DEFAULT FUNCTIONS ARE SHOWN.
- 18 LINE VOLTAGE OPTIONS
 SINGLE OR DUAL SOURCE POWER MAY BE SPECIFIED. THIS DRAWING COVERS THE DUAL SOURCE POWER OPTION.
 WHEN SPECIFIED CUSTOMER POWER WIRING CONNECTIONS ARE MADE TO CIRCUIT 1 (CONTROL PANEL 1) AND CIRCUIT 2 (CONTROL PANEL 2), AVAILABLE OPTIONS IN PANELS 1 & 2 FOR CUSTOMER WIRING TERMINATION INCLUDE TERMINAL BLOCKS, DISCONNECT SWITCHES OR HACR TYPE CIRCUIT BREAKERS. (TB, SW, CB)
 THE NOTED WIRE TERMINATION DEVICES MAY BE MOUNTED VERTICALLY OR HORIZONTALLY. SEE INSET 'A' FOR CORRECT PHASING WHEN THE DEVICES ARE MOUNTED VERTICALLY.



Foundation

Provide rigid, non-warping mounting pads or a concrete foundation of sufficient strength and mass to support the applicable operating weight (i.e. including completed piping, and full operating charges of refrigerant, oil and water). The expectation of Trane equipment is that piping is fully supported by an independent structure/system, without being connected to the waterbox. Once in place, the unit must be level within 1/2" across the length and width of the unit. The Trane Company is not responsible for equipment problems resulting from an improperly designed or constructed foundation.

Center of Gravity

Different unit configurations and options may cause a variation in the center of gravity from what is listed in the submittal. Refer to the Installation, Operating and Maintenance manual for specific lifting instructions.

General

Units are leak and pressure tested at 390 psig (2689 kPa) high side, 250 psig (1724 kPa) low side, then evacuated and charged. All Air-cooled Series R(TM) chillers are factory tested to confirm operation prior to shipment. Packaged units ship with full operating charge of oil and refrigerant.

Unit panels, structural elements and control boxes are constructed of galvanized steel and mounted on a welded structural steel base. Unit panels and control boxes are finished with a baked-on powder paint, and the structural base with an air dry paint. All baked-on powder paint meet the requirement for outdoor equipment of the U.S. Navy and other Federal Government Agencies and meets ASTM B117 500 hours salt spray fog test.

Anytime water only is present in the evaporator, the Trane CH530 must have flow control of the chilled water system. Flow control can be done either directly or through an input to a building automation system to conduct an action resulting in minimum flow through the chiller evaporator barrel to avoid potentially catastrophic damage to the evaporator due to freezing. If the system has sufficient glycol to protect down to the lowest expected ambient, flow control is optional.

Evaporator

The evaporator is a tube-in-shell heat exchanger design with internally and externally finned copper tubes roller expanded into the tube sheet. The evaporator is designed, tested and stamped in accordance with ASME Pressure Vessel Code Section VIII for a refrigerant side working pressure of 200 psig (1379 kPa). The evaporator is designed for a water side working pressure of 150 psig (1034 kPa). Water connections are grooved pipe. Each shell includes a vent, a drain and fittings for temperature control sensors and is insulated with UV resistant 0.75 inch Armaflex II or equal insulation (K=0.28). Insulation also covers the suction line and evaporator heads. Heaters, with thermostat, are provided to help protect the evaporator from freezing at ambient temperatures down to -20 F (-29 C), depending on application.

Note: A separate field supplied low voltage power source is required to power the freeze protection.

Operating Temperature

Unit is designed for operation in standard leaving evaporator temperature (equal to or greater than 40 F, 4 C) modes.

Chilled Water Reset

Provides the control logic and factory-installed sensors to reset leaving chilled water temperature. The setpoint can be reset based on ambient temperature or return evaporator water temperature.

Pressure Vessel Code

Chiller complies with ASME Pressure Vessel Code Section VIII. ASME nameplates are attached to applicable pressure vessels including oil separators.

Condenser and Fans

Air-cooled condenser coils have lanced aluminum fins mechanically bonded to internally finned copper tubes. The condenser coil has an integral subcooling circuit. Condensers are factory proof and leak tested at 506 psig (3489 kPa).

Direct drive vertical discharge condenser fans are dynamically balanced. Three phase condenser fan motors with permanently lubricated ball bearing and internal thermal protection are provided. Units will start and operate down to 0 F (-18 C) ambient.

Totally Enclosed Air-Over (TEAO) motors completely seal motor windings, preventing exposure to ambient conditions. TEAO fan motor insulation class F.

Unit is also designed to start and operate in upper ambient conditions, up to 115 degrees F (46 C).

High Efficiency/Performance

Provides oversized heat exchangers for two purposes: One, it allows the unit to be more energy efficient. Two, the unit will have enhanced operation in high ambient conditions.

Architectural Louvered Panels

Full architecturally pleasing, 1/2" engineered composite material, cover the complete condensing coil and service area beneath the condenser, providing protection from outside objects and louvered profile for chiller.

Low Ambient Option

The factory installed low ambient option consists of special control logic and variable frequency drive fans to permit low temperature start-up and operation to 0 F (-18 C).

Compressor Starter - X Line

Starter is an across-the-line configuration. The starter is factory mounted and completely prewired to the compressor motor. Starters are housed in a weathertight enclosure per UL 1995. Typically, Trane helical rotary compressors are up to full speed in less than one second when started across-the-line.

Compressor and Lube Oil System

The rotary screw compressor is semi-hermetic, direct drive, 3600 rpm, with step and variable load and unloader valves for capacity control, rolling element bearings, differential refrigerant pressure oil pump and oil heater. The motor is a suction gas cooled, hermetically sealed, two pole squirrel cage induction motor.

Oil separation is provided separate from the compressor. Automatically controlled valves are provided on the compressor discharge and lube oil system. A solenoid valve in the lube oil return system is also provided. Oil filtration is accomplished by an integral oil filter located within the compressor.

Refrigerant Circuits

Each unit has two refrigerant circuits, with one or two rotary screw compressor per circuit. Each refrigerant circuit includes discharge service valve, liquid line shutoff valve (except remote evap), removable core filter, liquid line sight glass, charging port, one electronic expansion valve per circuit and optional compressor suction service valve. Fully modulating compressors and electronic expansion valves provide variable capacity modulation over the entire operating range.



Unit Controls

All unit controls are housed in a outdoor rated enclosure per UL 1995 with removable plates to allow for customer connection of power wiring and remote interlocks. All controls, including sensors, are factory mounted and tested prior to shipment.

Microcomputer controls provide all control functions including start up and shutdown, leaving chilled water temperature control, compressor and electronic expansion valve modulation, fan sequencing, anti-recycle logic, automatic lead/lag compressor starting, load limiting and chilled water pump control.

The unit control module with Rapid Restart (TM), utilizing Adaptive Control (TM) microprocessor automatically takes action to avoid unit shutdown due to abnormal operating conditions associated with low refrigerant pressure, high condensing pressure and motor current overload. Should the abnormal operating condition continue until a protective limit is violated, the unit will be shut down.

A control power transformer is factory installed and wired.

Controls Function Data

Unit protective functions include loss of chilled water flow, evaporator freezing, loss of refrigerant, low refrigerant pressure, high refrigerant pressure, compressor starting and running over current, phase loss, phase imbalance, phase reversal, under/over voltage protection and loss of oil flow.

A menu driven digital display indicates over 20 operating data points including chilled water set point, current limit set point, entering and leaving chilled water temperature, evaporator and condenser refrigerant pressures and temperatures. Over 60 diagnostic checks are made and displayed when a problem is detected. The digital display can be read and advanced on the unit without opening any control panel doors. Touch screen LCD, allows for easy access of all important chiller operating information.

Short Circuit Current Rating (SCCR)

A short circuit current rating offers a measure of safety for what the starter panel enclosure is able to withstand in the event of an explosion caused by a short circuit.

Circuit Breaker

Two standard interrupting molded case circuit breakers are provided with through-the-door lockable handles to disconnect each individual refrigerant circuit power and comes pre-wired from the factory with terminal block power connections.

Power Connection

Power connections include main three-phase power and one separate 115V, 15 amp field provided single phase power connection to power the evaporator heaters (if used for freeze protection). Field wiring connection point will be on the bottom right corner of each electrical panel at each end of the chiller.

BACnet Interface

BACNet Interface allows the user to easily interface with using BACNet MS/TP via a single twisted-pair wiring to a factory-installed and tested communication board.

Compressor Sound Enhancement

Provides a weatherproof compressor enclosure to reduce compressor sound levels.

Flow Switch

There is a factory installed flow switch with a velocity setpoint of 35 cm/sec included on this chiller.

Unit Isolation

Elastomeric isolators are provided for structure isolation from unit.

Warranty

A First Year Parts Warranty is included, covering the whole unit. The warranty is valid for 12 months after start-up or 18 months after shipment.