GENERAL NOTES

- 1. THE INTERNAL FORCED AIR CIRCULATION SHOWN IS FOR SYSTEM "A" (CLOCKWISE). SYSTEM "B" (COUNTER CLOCKWISE) IS A MIRROR TO SYSTEM "A".
- 2. FITS BOTH STANDARD U.S. (40" x 48") AND EUROPEAN (800 mm x 1200 mm) PALLET SIZE.
- 3. STANDARD OPTION INCLUDES STAINLESS STEEL PALLET RACK. PALLET RACK IS ADJUSTABLE BY 1 ½" (38.1 mm)
- 4. OTHER OPTIONS INCLUDE MONITORING, WIDE RANGE TEMPERATURE, AND MODULAR CART SYSTEM.
- 5. HEAT REJECTION TO WATER @ -80 °C: MAXIMUM* = 28,000 Btu/hr (8.2 kW/hr) MINIMUM = 12,000 Btu/hr (3.5 kW/hr) AVERAGE = 14,000 Btu/hr (4.1 kW/hr)

WATER REQUIREMENTS

PRESSURE DIFFERENTIAL ≈ 20 psi (1.4 bar)

- 1. TOWER WATER*

 WATER TEMPERATURE ≤ 30 °C

 MAXIMUM FLOW RATE = 7.0 gpm (27 LPM)

 AVERAGE FLOW RATE = 4.5 gpm (8 LPM)

 2. CHILLED WATER*
- WATER TEMPERATURE ≤ 10 °C

 MAXIMUM FLOW RATE = 3.5 gpm (14 LPM)

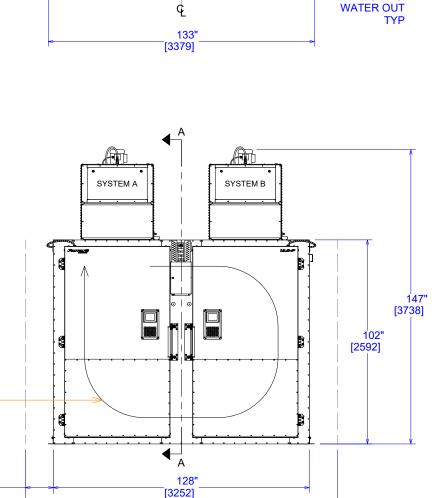
 AVERAGE FLOW RATE = 2.0 gpm (8 LPM)
- 3. WATER CONNECTIONS ARE ½" FNPT.

 FOR ULCI UNITS, A ½" MNPT x M20 x 1.5

 FEMALE ADAPTER IS PROVIDED.

SEE NOTES FOR AIRFLOW DETAILS

MIN CLEARANCE



47½ "

[1205]

WATER IN/OUT

iói.

493/4"

521/4"

[1328]

[1264]

WATER IN

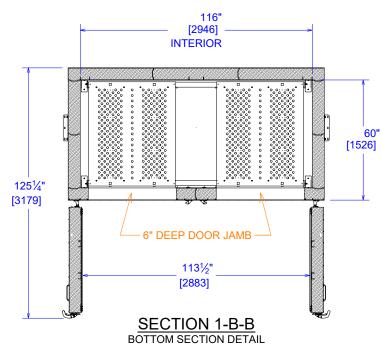
161/2"

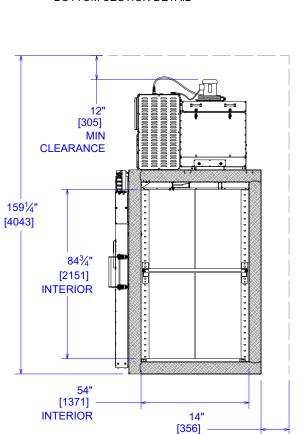
[422]

WATER IN/OUT

761/4"

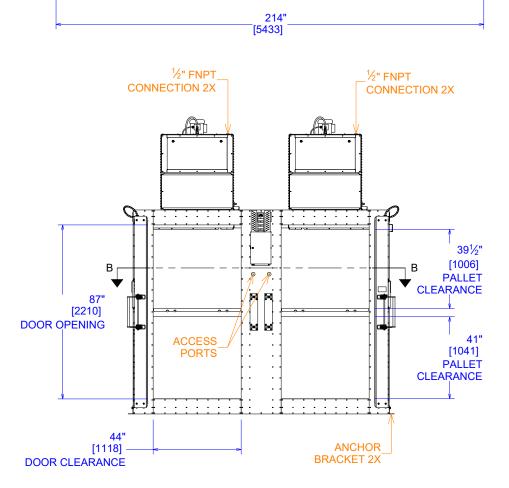
[1934]





MIN CLEARANCE

SECTION 1-A-A LEFT SECTION DETAIL



TOIL

POWER CORDS

LENGTH: 15'

*TOTAL FOR BOTH REFRIGERATION SYSTEMS

POWER REQUIREMENTS						
UNIT	ELECTRICAL REQUIREMNTS	BREAKER SIZE	PLUG SPEC	RECEPTACLE SPEC	x ±.1	
ULC-P (DOMESTIC)	230 VAC - 1 PHASE - 60 Hz 24 FLA: 2 WIRES + GND	30A	NEMA L6-30P, LOCKING PLUG	L6-30P FEMALE RECEPTACLE/CONNECTOR, 2 L, 1GND	.XX ±.03 .XXX ±.015 .XXXX ±.0005 ANGLE ±1' FRACTIONAL ±1/16 DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED	
ULCi-P (INTERNATIONAL)	230 VAC - 1 PHASE - 50 Hz 24 FLA: 2 WIRES + GND	32A	IEC 60309 6 HOUR PLUG, 2P 3W	IEC 60309- 6 HOUR RECEPTACLE/CONNECTOR, 2P 3W (1L, 1N, 1GND)		

156" [3963]

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	MANUFACTURING PURPOSES WITHOUT THE	
	WRITTEN PERMISSION OF TRANE TECHNOLOGIES.	
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30765 OH-7 | MARIETTA, OH | 45750 | ph. 740.374.8300 | fx. 740.374.8310

Scientific

32" TYP

531/2"

[1359]

104" [2644] [813]

- OIL OOLD I OIL	l						
WITHOUT THE	SIZE	DWC	G NO		REV		
TECHNOLOGIES.	В	ULC-P, WAT	ER-COOLED		4		
JSVNE	DRAWN BY B. IRWII	N	DRAWN DATE 1/20/2022				
TECHNOLOGIES"	APPROVED E		APPROVAL DATE 1/20/2022				
	REFERENCE		SCALE	CLIEFT	1.05		

N/A

SPECIFICATIONS, ULC-P, WATER-COOLED

1/48

SHEET 1 OF 1