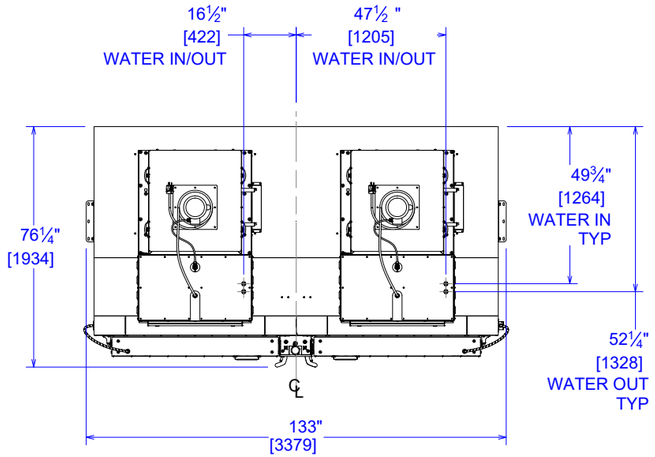
GENERAL NOTES

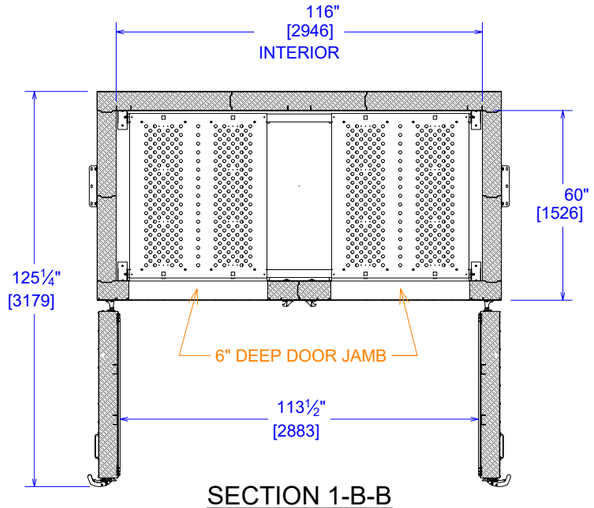
1. THE INTERNAL FORCED AIR CIRCULATION SHOWN IS FOR SYSTEM "A" (CLOCKWISE). SYSTEM "B" (COUNTER CLOCKWISE) IS A MIRROR TO SYSTEM "A".
2. FITS BOTH STANDARD U.S. (40" x 48") AND EUROPEAN (800 mm x 1200 mm) PALLET SIZE.
3. STANDARD OPTION INCLUDES STAINLESS STEEL PALLET RACK. PALLET RACK IS ADJUSTABLE BY 1 ½" (38.1 mm)
4. OTHER OPTIONS INCLUDE MONITORING, WIDE RANGE TEMPERATURE, AND MODULAR CART SYSTEM.
5. HEAT REJECTION TO WATER @ -80 ºC:
   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

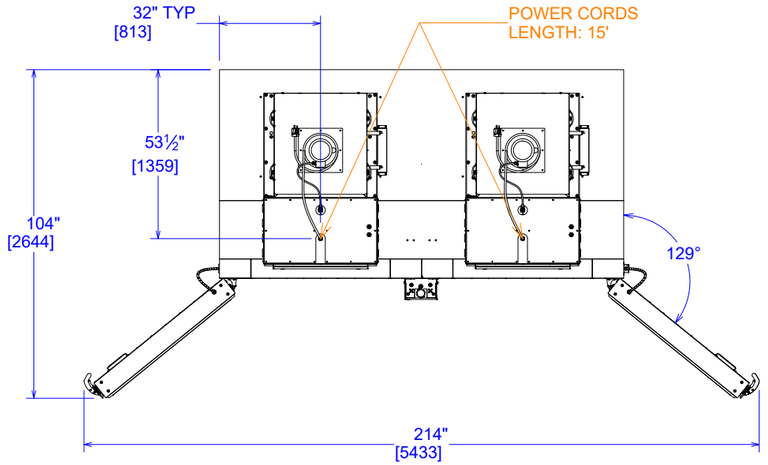
PRESSURE DIFFERENTIAL ≈ 20 psi (1.4 bar)

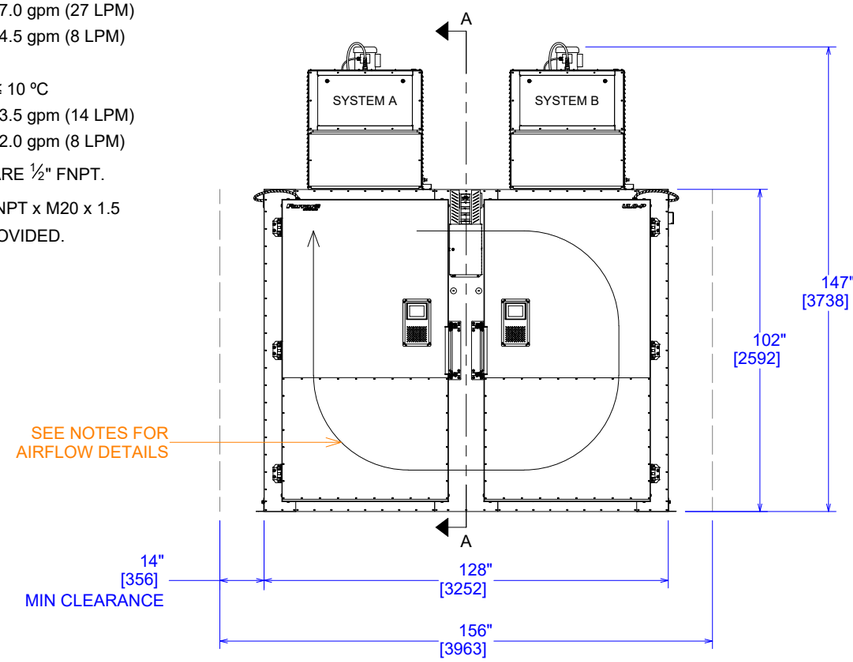
1. TOWER WATER*
   WATER TEMPERATURE ≤ 30 ºC
   MAXIMUM FLOW RATE = 7.0 gpm (27 LPM)
   AVERAGE FLOW RATE = 4.5 gpm (8 LPM)
2. CHILLED WATER*
   WATER TEMPERATURE ≤ 10 ºC
   MAXIMUM FLOW RATE = 3.5 gpm (14 LPM)
   AVERAGE FLOW RATE = 2.0 gpm (8 LPM)
3. WATER CONNECTIONS ARE ½" FNPT.
   FOR ULCi UNITS, A ½" MNPT x M20 x 1.5 FEMALE ADAPTER IS PROVIDED.

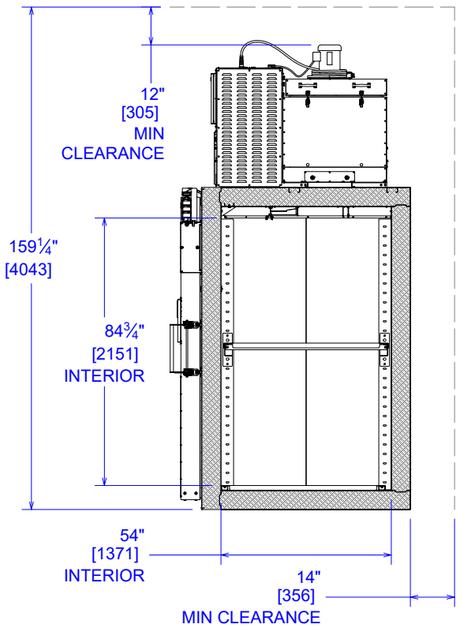




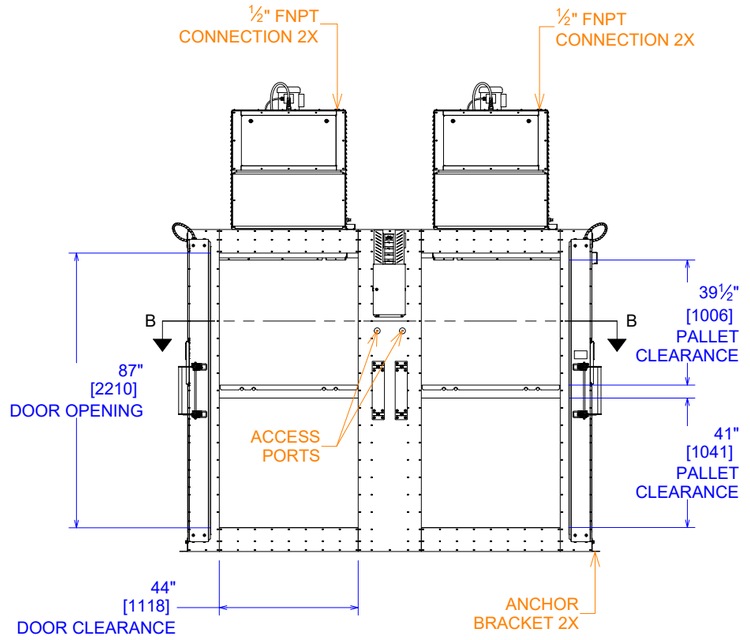
SECTION 1-B-B
BOTTOM SECTION DETAIL







SECTION 1-A-A
LEFT SECTION DETAIL



***TOTAL FOR BOTH REFRIGERATION SYSTEMS**

POWER REQUIREMENTS

UNIT	ELECTRICAL REQUIREMNTS	BREAKER SIZE	PLUG SPEC	RECEPTACLE SPEC
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
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)

TOLERANCES
.x ±.1
.xx ±.03
.xxx ±.015
.xxxx ±.0005
ANGLE ±1°
FRACTIONAL ±1/16
DIMENSIONS ARE IN **INCHES** UNLESS OTHERWISE SPECIFIED

Farrar Scientific
TRANE TECHNOLOGIES
30765 OH-7 | MARIETTA, OH | 45750 | ph. 740.374.8300 | fx. 740.374.8310

SPECIFICATIONS, ULC-P, WATER-COOLED

SIZE	DWG NO	REV
B	ULC-P, WATER-COOLED	4

DRAWN BY: B. IRWIN	DRAWN DATE: 1/20/2022
APPROVED BY: T. LYDICK	APPROVAL DATE: 1/20/2022
REFERENCE: N/A	SCALE: 1/48