



CHILLER MODEL: **GD-40H-2LC-VA2**

230 Volt 1 Phase	
FLA	-
MCA	-
MOC	-

230 Volt 3 Phase	
FLA	177
MCA	196
MOC	273

460 Volt 3 Phase	
FLA	85
MCA	94
MOC	131

Dimensions ¹	45"W x 140"L x 108"H
Frame	Powder Coated Steel
Housing	Powder Coated Aluminum
Tank	90 Gallon Stainless Steel
Compressor	20 HP Two-Stage Recip (x2)
Condenser	Air-Cooled Vertical Discharge
Coolant Pump	High Efficient Mag. Drive
Flow rate	42.5 GPM @ 25 PSI
Connection	1.5" CTS Flange
Heat Exchanger	Stainless Steel Brazed Plate
Controls	Microprocessor w/ Comm.
Enclosure	NEMA 3R

Ship/Operating Weight	3900/4900 lbs
Decibels @ 10'	76 dBA
Refrigerant	R404A

Cooling Capacity by Leaving Fluid Temperature²

LFT	Btu/H	kW
-60 °F	56,800	16.6
-	-	-
-	-	-

1. Package chiller dimensions, remote condenser options will vary

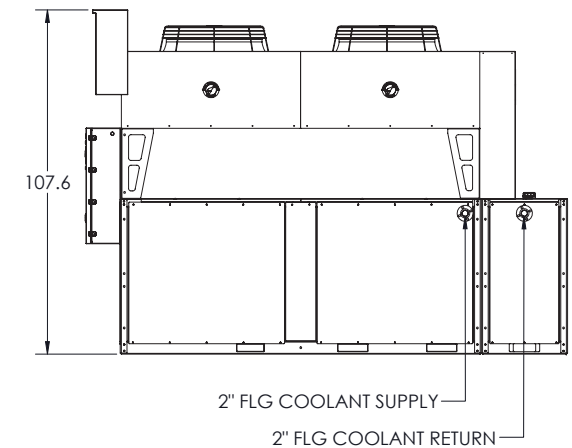
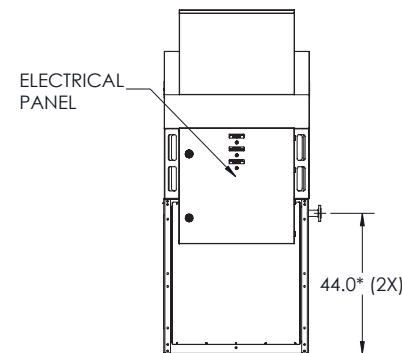
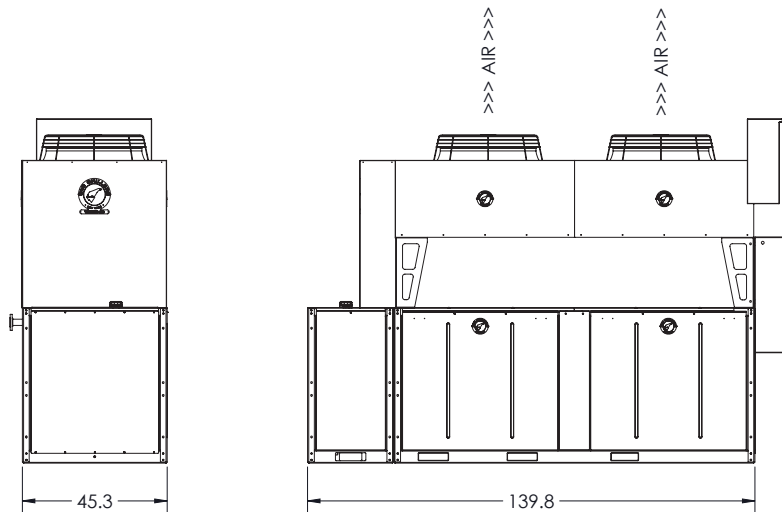
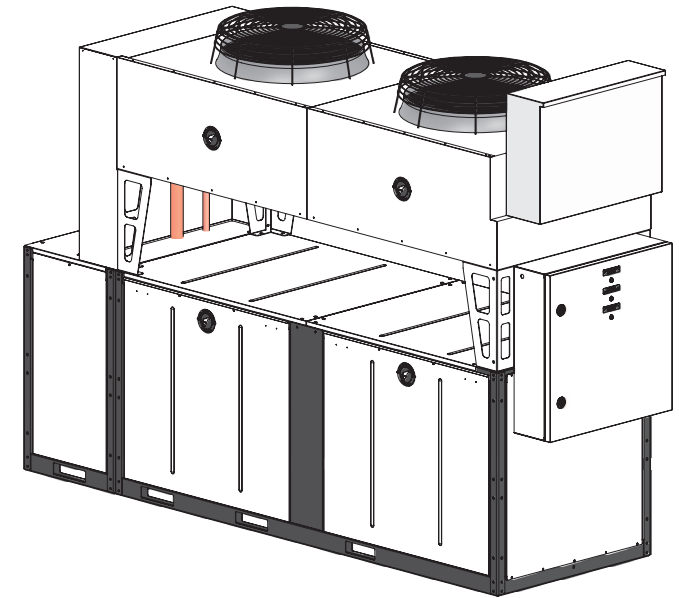
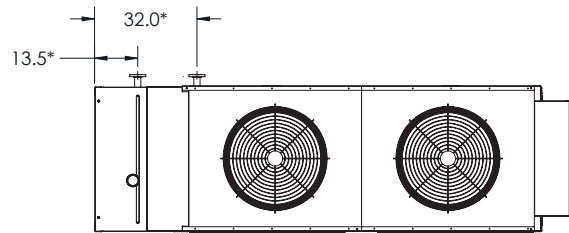
2. All capacities at 90°F ambient

3. Specifications subject to change without notice

Chiller package consists of the following:

- Two complete refrigeration circuits
- Air-cooled condenser
- Coolant pump
- Fluid bypass valve
- Freeze stat safety switch
- CTS flange coolant connections
- All insulated copper piping
- Powder coated steel frame
- Powder coated aluminum housing
- Semi-hermetic two-stage reciprocating compressors with subcoolers
- Engineered high efficiency heat exchanger for maximum energy savings
- Heavily insulated stainless steel coolant reservoir
- Microprocessor controller with communication capabilities
- ETL (UL 508A) listed complete control panel with single point electrical connection, breakers, starters & safety switches
- Louvered aluminum access panels for easy service & maintenance
- Factory run tested and fully charged with refrigerant

2 Year Parts and 1 Year Labor Warranty



*APPROXIMATE DIMENSIONS - DO NOT USE FOR PRE-FABRICATION OF CONNECTING PIPING

GD-40H-2LC LOW TEMPERATURE CHILLER

DRAWN:	DS
APPROVED:	TH
DATE:	2/19/25



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