



CHILLER MODEL: GD-40H-2C

208-240V 1-Phase	
FLA	-
MCA	-
MOC	-

208-240V 3-Phase	
FLA	184
MCA	203
MOC	279

460-480V 3-Phase	
FLA	91
MCA	101
MOC	139

Dimensions ¹	45"W x 167"L x 108"H
Frame	Powder Coated Steel
Housing	Powder Coated Aluminum
Tank	235 Gallon Stainless Steel
Compressor	20 HP (x2)
Condenser	Air-Cooled Vertical Discharge
Process Pump	5 HP
Process Flow	150 GPM @ 25 PSI
Connection	3" CTS Flange
Chiller Pump	2 HP
Heat Exchanger	Stainless Steel Brazed Plate
Controls	Microprocessor w/ Comm.

Electrical Enclosure	NEMA 3R
Ship/Operating Weight	4150/6250 lbs
Decibels @ 10'	75 dBA
Refrigerant	R448A

Cooling Capacity by Leaving Fluid Temperature²

LFT	Btu/H	kW
20 °F	229,000	67.1
30 °F	284,000	83.2
40 °F	346,000	101.4

1. Package chiller dimensions, remote condenser options will vary

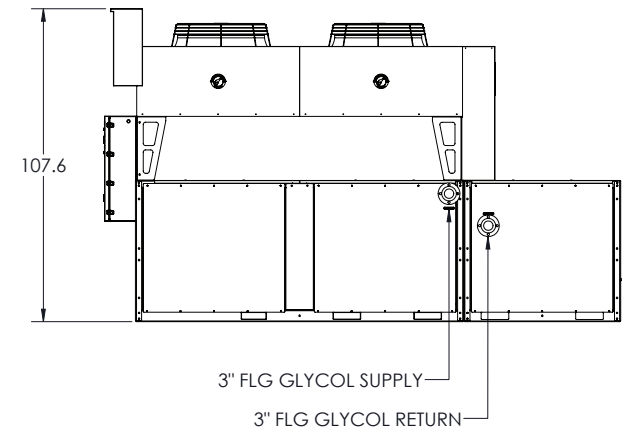
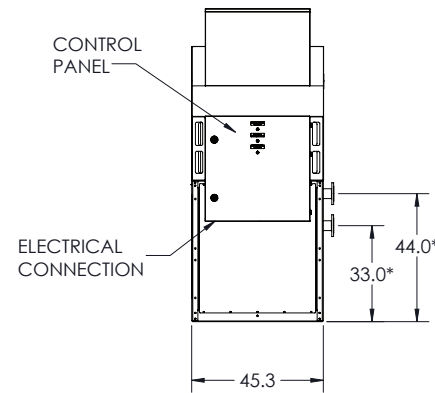
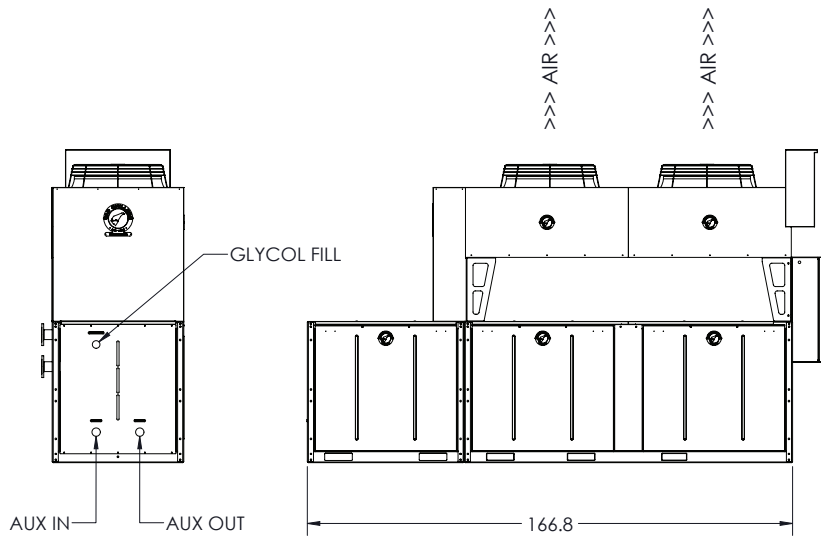
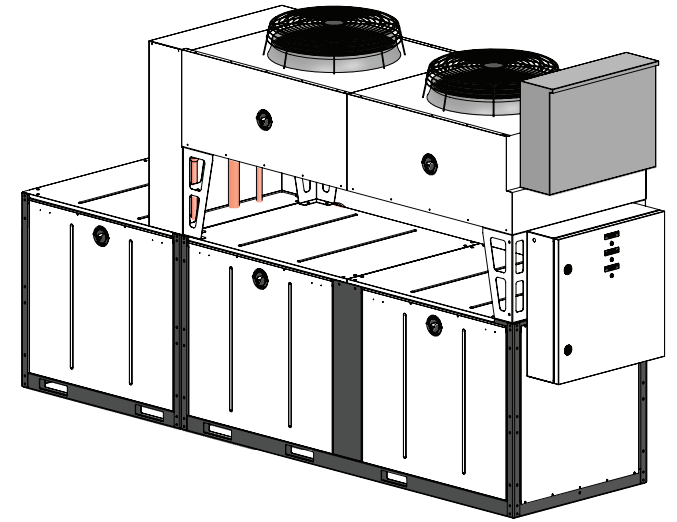
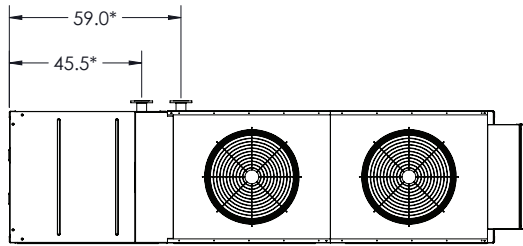
2. All capacities at 90°F ambient

3. Specifications subject to change without notice

Chiller package consists of the following:

- Two complete refrigeration circuits
- Air-cooled condenser
- Process pump with VFD
- Chiller pump
- Fluid bypass valve
- Freeze stat safety switch
- All insulated copper piping
- Powder coated steel frame
- Powder coated aluminum housing
- Semi-hermetic reciprocating compressors with capacity unloading
- Engineered high efficiency heat exchanger for maximum energy savings
- Insulated stainless steel glycol reservoir with baffle plate
- Microprocessor controller with communication
- ETL (UL 508A) listed complete control panel with single point electrical connection, breakers, starters & safety switches
- CTS flange glycol supply and return connections
- 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-2C

VERTICAL AIR CHILLER

DRAWN:	AH
APPROVED:	TH
DATE:	02/01/24



G&D CHILLERS
COMMITTED TO COLD

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