



## CHILLER MODEL: GD-40H-2C

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

208-240V 3-Phase	
FLA	186
MCA	205
MOC	250

460-480V 3-Phase	
FLA	96
MCA	106
MOC	125

Dimensions <sup>1</sup>	45"W x 167"L x 108"H
Frame & Housing	Powder Coated Steel
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	R454C

### *Cooling Capacity by Leaving Fluid Temperature<sup>2</sup>*

LFT	Btu/H	kW
20 °F	194,800	57.1
30 °F	238,800	70.0
40 °F	288,200	84.5

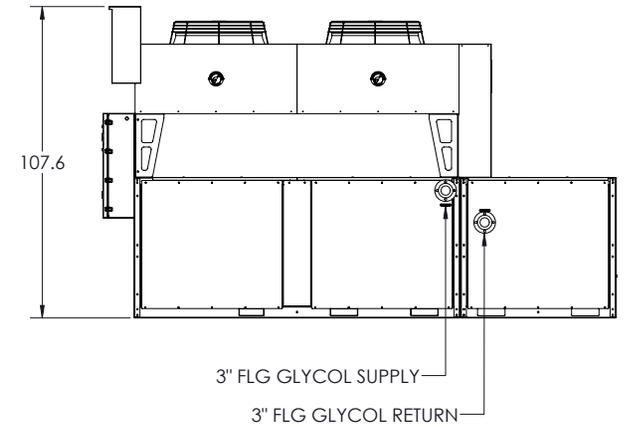
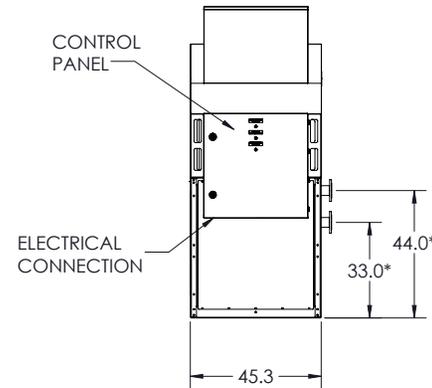
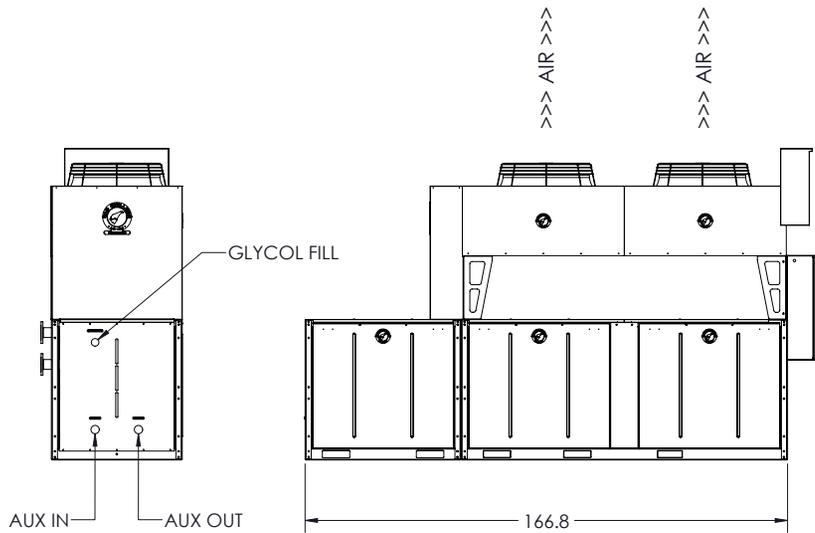
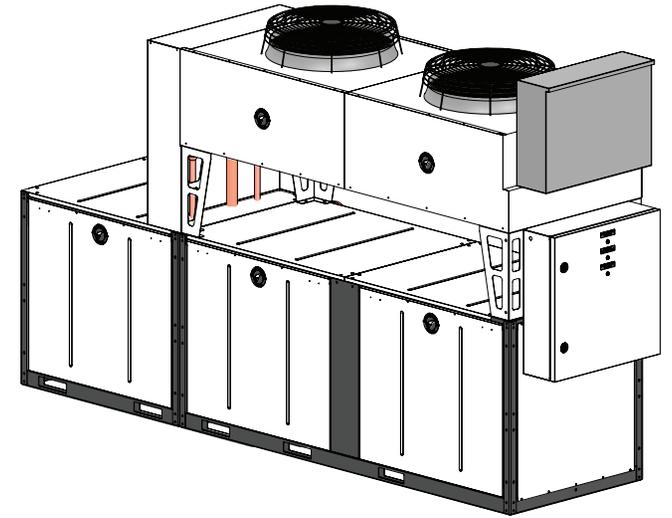
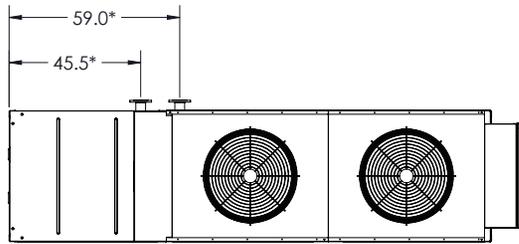
1. Package chiller dimensions, remote condenser options will vary

2. Capacity based on a 10°F temperature difference and 90°F ambient temperature at 0' ASL

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
- All insulated copper piping
- ASME B16.5 flange connections
- Powder coated steel frame and housing
- Semi-hermetic reciprocating compressors with capacity unloading
- Engineered high efficiency heat exchangers for maximum energy savings
- Insulated stainless steel glycol reservoir with baffle plate
- Microprocessor controller with communication capabilities
- ETL (UL 508A) listed complete control panel with single point electrical connection, breakers, starters & safety switches
- Removable access panels for easy service & maintenance
- Factory run tested and fully charged with refrigerant



\*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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