



## CHILLER MODEL: GD-40T-2

230 Volt 1 Phase	
FLA	-
MCA	-
MOC	-

230 Volt 3 Phase	
FLA	201
MCA	222
MOC	300

460 Volt 3 Phase	
FLA	97
MCA	107
MOC	146

Dimensions <sup>1</sup>	45"W x 167"L x 108"H
Frame	Powder Coated Steel
Housing	Powder Coated Aluminum
Tank	330 Gallon Stainless Steel
Compressor	Tandem Scroll
Condenser	Air-Cooled Vertical Discharge
Process Pump	5 HP
Process Flow	150 GPM @ 25 PSI
Connection Size	3" CTS Flange
Chiller Pump	2.5 HP
Heat Exchanger	Stainless Steel Brazed Plate
Controls	Microprocessor w/ Comm.

Electrical Enclosure	NEMA 3R
Ship/Operating Weight	4450/7350 lbs
Decibels @ 10'	77 dBA
Refrigerant	R410a

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

LFT	Btu/H	kW
40 °F	485,000	142.1
50 °F	578,000	169.4
60 °F	677,000	198.4

1. Package chiller dimensions, remote condenser options will vary

2. All capacities at 90°F ambient

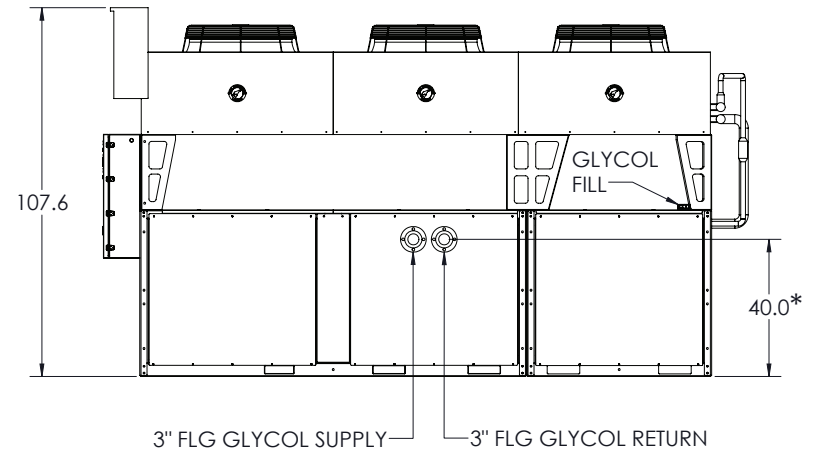
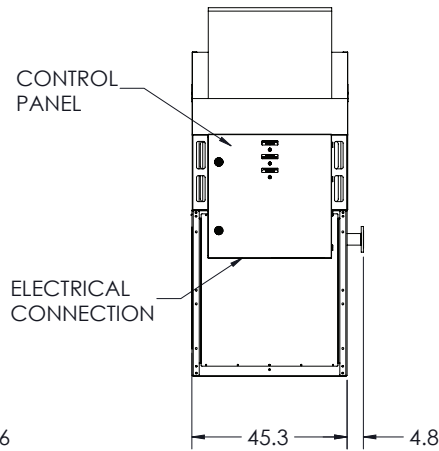
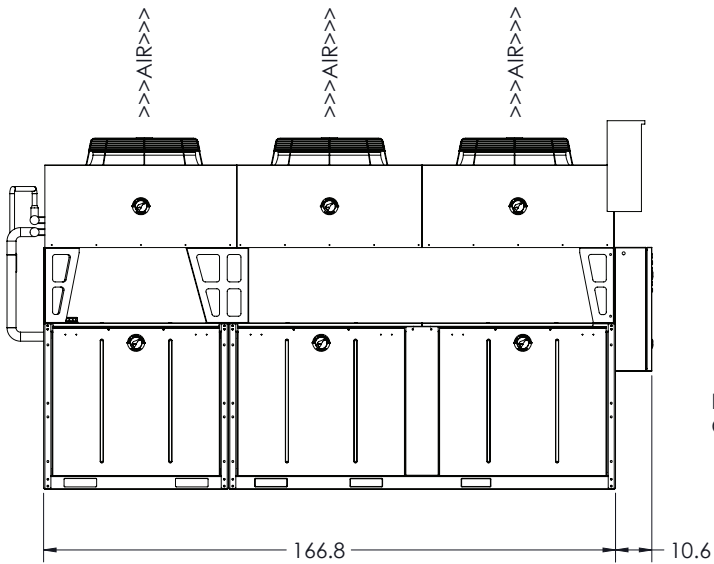
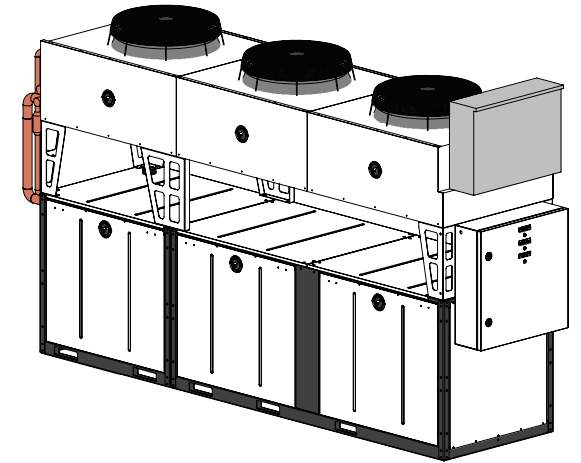
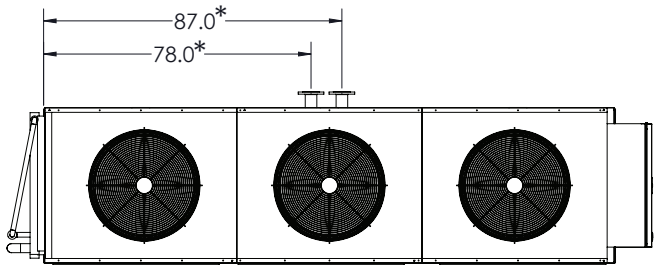
3. VFD available upon request

4. Specifications subject to change without notice

### Chiller package consists of the following:

- Complete refrigeration circuit
- Air-cooled condenser
- Process pump<sup>3</sup>
- Chiller pump
- Fluid bypass valve
- Freeze stat safety switch
- All insulated copper piping
- Powder coated steel frame
- Powder coated aluminum housing
- Tandem scroll compressors
- Engineered high efficiency heat exchanger for maximum energy savings
- Insulated stainless steel coolant reservoir with baffle plate
- Microprocessor controller with communication
- ETL (UL508) listed complete control panel with single point electrical connection, breakers, starters & safety switches
- CTS flange coolant 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-40T-2 / GD-50T-2

## VERTICAL AIR CHILLERS

DRAWN:	AH
APPROVED:	TH
DATE:	04/13/23



**G&D CHILLERS**  
COMMITTED TO COLD

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