



CHILLER MODEL: GD-300H-6C

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

208-240V 3-Phase	
FLA	-
MCA	-
MOC	-

460-480V 3-Phase	
FLA	657
MCA	681
MOC	700

Dimensions ¹	96" x 382L"W x 120"H
Frame	Powder Coated Steel
Housing	Powder Coated Aluminium
Tank	1,400 Gallon Stainless Steel
Compressor	50 HP (x6)
Condenser	Air-Cooled Vertical Discharge
Process Pump	20 HP
Process Flow	550 GPM @ 25 PSI
Connection	6" CTS Flange
Chiller Pump	3 HP (x3)
Heat Exchanger	Stainless Steel Brazed Plate
Controls	Microprocessor w/ Comm.

Electrical Enclosure	NEMA 3R
Ship/Operating Weight	20400/32600 lbs
Decibels @ 10'	85 dBA
Refrigerant	R454C

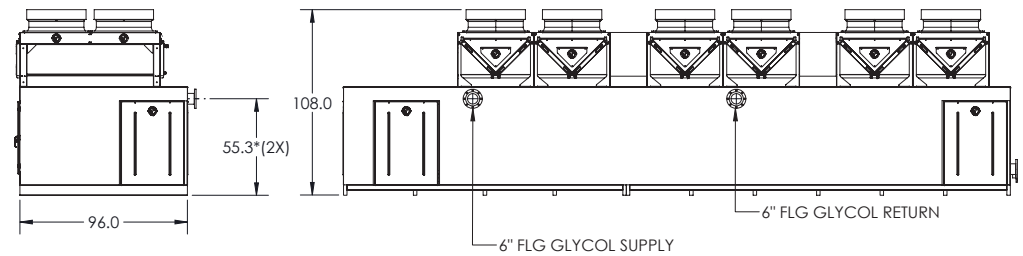
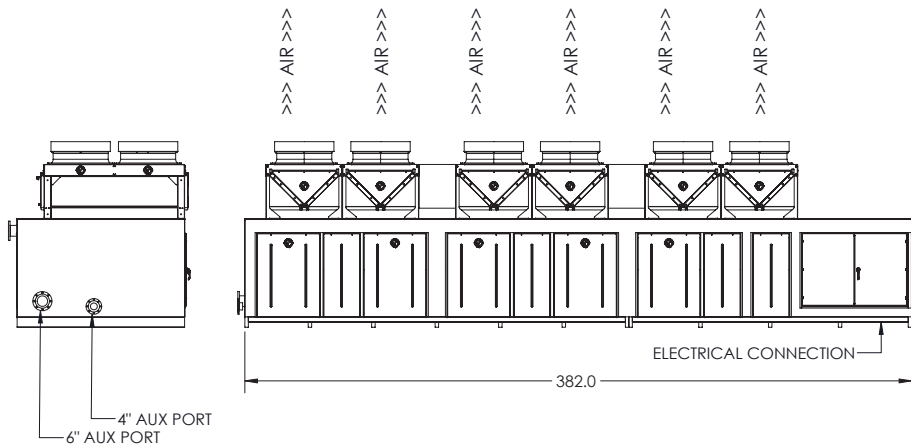
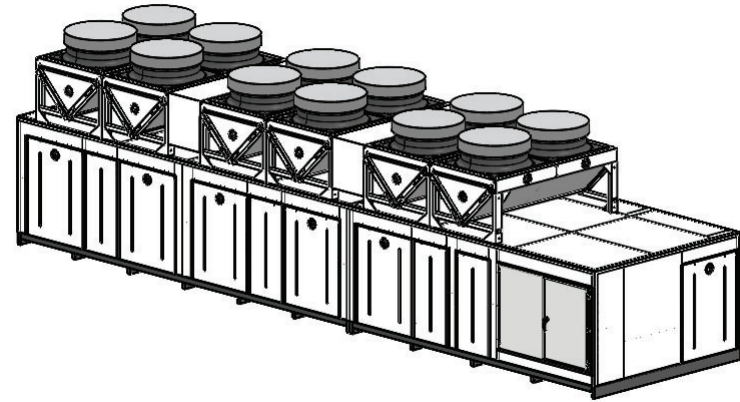
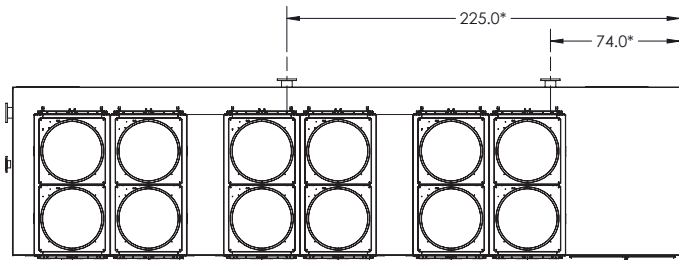
Cooling Capacity by Leaving Fluid Temperature²

LFT	Btu/H	kW
20 °F	1,495,400	438.3
30 °F	1,820,800	533.6
40 °F	2,175,000	637.4

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:

- Six complete refrigeration circuits
- Air-cooled condenser
- Process pump with VFD
- Three chiller pumps
- Fluid bypass valve
- All insulated copper piping
- ASME B16.5 flange connections
- Powder coated 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



1. ASTERISK * INDICATES APPROXIMATE DIMENSIONS, DO NOT USE TO PREFABRICATE CONNECTING PIPING
2. ENSURE A MINIMUM OF 8 FT CLEARANCE AROUND ALL SIDES OF UNIT
3. UNIT MUST BE SECURELY ANCHORED TO A FLAT AND LEVEL PAD
4. ALL DIMENSIONS MEASURED IN INCHES
5. INSTALATION OF ELECTRICAL SERVICE
 - A. POWER WIRING TO TERMINATE AT DISTRIBUTION BLOCKS INSIDE ENCLOSURE
 - B. PENETRATIONS TO BE DRILLED IN FIELD BY OTHERS THROUGH BOTTOM OF ENCLOSURE
 - C. USE ONLY CONDUIT/FITTINGS WITH SAME (OR HIGHER) ENVIRONMENTAL RATING AS ENCLOSURE
 - D. FIELD-INSTALLED EXTERNAL DISCONNECT TO BE PROVIDED BY OTHERS

GD-300H-6C

VERTICAL AIR CHILLER

DRAWN:	LL
APPROVED:	TH
DATE:	03/20/26



G&D CHILLERS
COMMITTED TO COLD

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