CHILLER MODEL: GD-27H-MS

230 Volt 1 Phase	
FLA	-
MCA	-
MOC	-

230 Volt 3 Phase	
FLA	123
MCA	134
MOC	178

460 Volt 3 Phase	
FLA	65
MCA	71
MOC	94

Dimensions[1]	48"W x 120"L x 87"H
Frame	Powder Coated Steel
Housing	Powder Coated Aluminum
Tank	500 Gallon SST with Aux Ports
Compressor	13.5 HP (x2)
Condenser	Air-Cooled
Process Pump	7.5 HP
Process Flow	230 GPM @ 25 PSI
Connection Size	3" CTS Flange
Chiller Pump	1.5 HP
Heat Exchanger	Stainless Steel Brazed Plate
Controls	Multi Stage Digital

Electrical Enclosure	NEMA 3R
Ship/Operating Weight	3400/7700 lbs
Decibels @ 10'	72 dBA
Refrigerant	R448A

Cooling Capacity by Leaving Fluid Temperature [2]

LFT	Btu/H	kW
20 °F	157,000	46.0
30 °F	192,000	56.3
40 °F	230,000	67.4

1. Package chiller dimensions, remote condenser options will vary
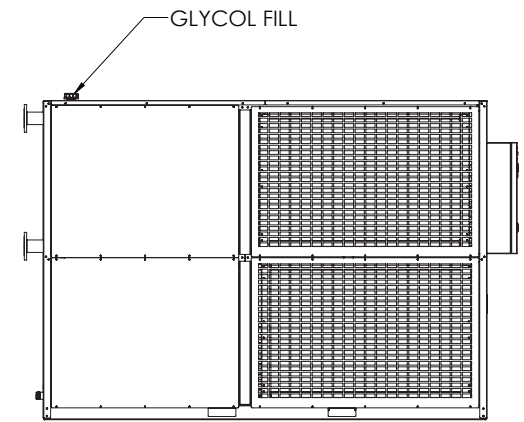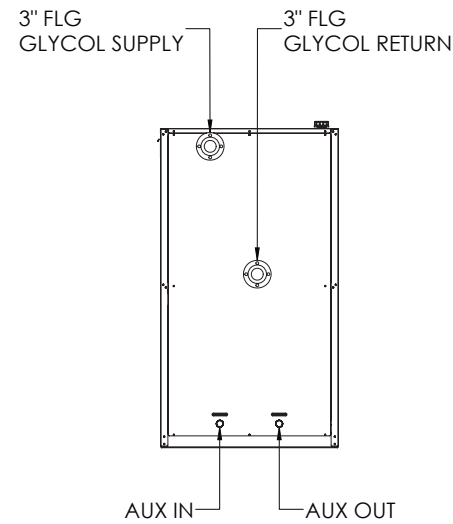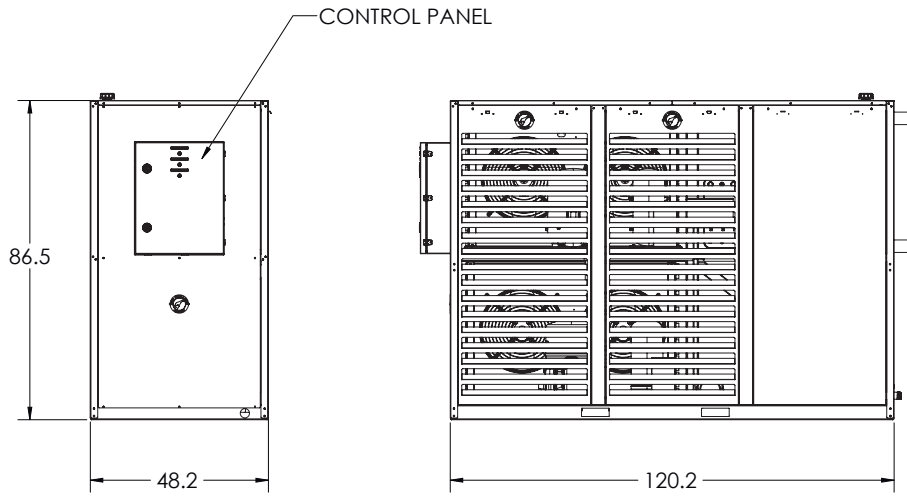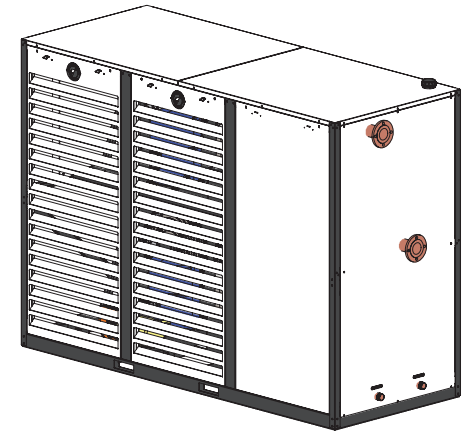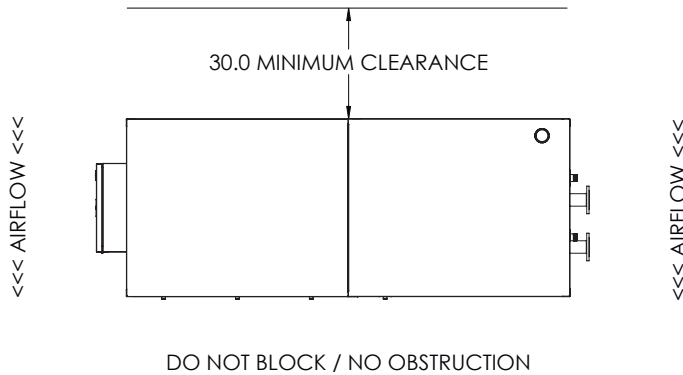*2. All capacities at 90 °F ambient*
3. VFD available upon request
4. Specifications subject to change without notice

Modular chiller package consists of the following:

- Complete refrigeration circuits
- Air-cooled condenser
- Process pump[3]
- Chiller pump
- Fluid bypass valve
- Freeze stat safety switch
- All insulated copper piping
- Powder coated steel frame
- Powder coated aluminum housing

- Engineered high efficiency heat exchanger for maximum energy savings
- Insulated oversized stainless steel reservoir with auxiliary ports for future chiller models
- Digital temperature controller pre-wired for integration into expanding system
- ETL (UL508) 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

30.0 MINIMUM CLEARANCE

<<< AIRFLOW <<<

<<< AIRFLOW <<<

DO NOT BLOCK / NO OBSTRUCTION

CONTROL PANEL

3" FLG
GLYCOL SUPPLY

3" FLG
GLYCOL RETURN

GLYCOL FILL

86.5

48.2

120.2

AUX IN

AUX OUT

GD-20/27H-MS
MODULAR SERIES
CHILLER

DRAWN:	AH
APPROVED:	TH
DATE:	12/11/23

G&D CHILLERS
COMMITTED TO COLD

130 E FIRST AVE, JUNCTION CITY, OR 97448
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