



CHILLER MODEL: GD-120T-4HE

| 230 Volt 1 Phase | |
|------------------|---|
| FLA | - |
| MCA | - |
| MOC | - |

| 230 Volt 3 Phase | |
|------------------|-----|
| FLA | 501 |
| MCA | 527 |
| MOC | 628 |

| 460 Volt 3 Phase | |
|------------------|-----|
| FLA | 251 |
| MCA | 264 |
| MOC | 315 |

| | |
|-------------------------|-------------------------------|
| Dimensions ¹ | 91"W x 274"L x 124"H |
| Frame | Powder Coated Steel |
| Housing | Powder Coated Aluminum |
| Tank | 1000 Gallon Stainless Steel |
| Compressor | Tandem Scroll (x2) |
| Condenser | Air-Cooled Vertical Discharge |
| Process Pump HP | 10 |
| GPM @ 25 PSI | 340 |
| Connection Size | 4" CTS Flange |
| Chiller Pump HP | 5 |
| Heat Exchanger | Stainless Steel Brazed Plate |
| Controls | Microprocessor w/ Comm. |

| | |
|-----------------------|-------------------|
| Electrical Enclosure | NEMA 3R |
| Ship/Operating Weight | 12,900/24,000 lbs |
| Decibels @ 10' | 71 |
| Refrigerant | R410a |

Cooling Capacity by Leaving Fluid Temperature²

| LFT | Btu/H | kW |
|-------|-----------|-------|
| 40 °F | 1,302,000 | 381.6 |
| 50 °F | 1,554,000 | 455.4 |
| 60 °F | 1,828,000 | 535.7 |

1. Package chiller dimensions, remote condenser option will vary

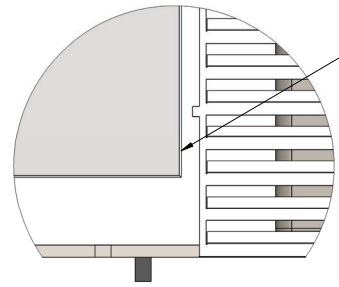
2. All capacities at 95 °F ambient

3. Specifications subject to change without notice

Chiller package consists of the following:

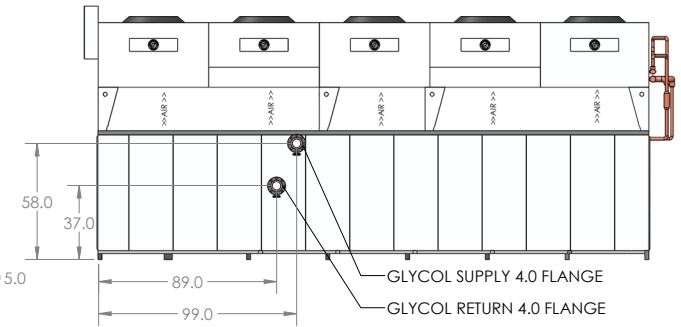
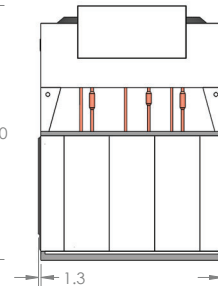
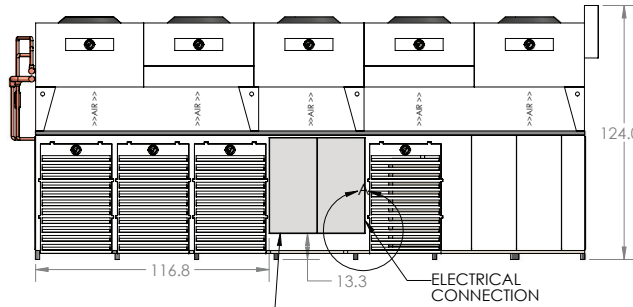
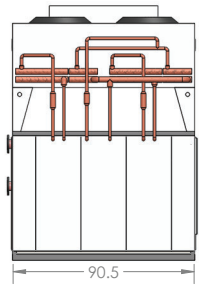
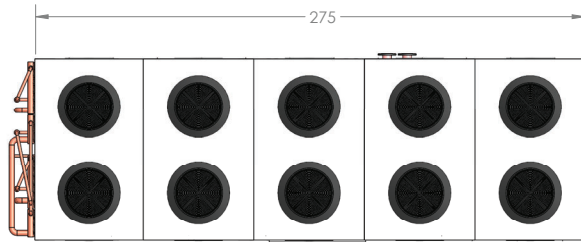
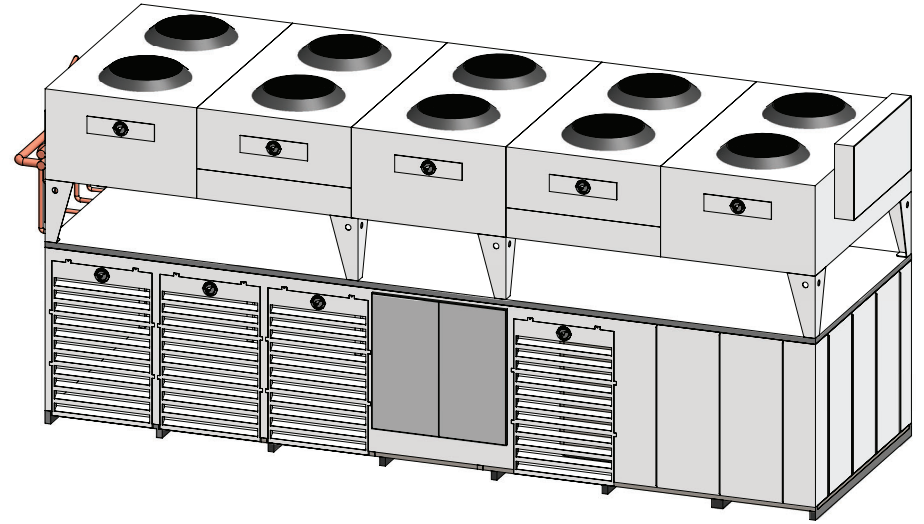
- Complete refrigeration circuit
- Air-cooled condenser
- Process pump with VFD
- Chiller pump
- Fluid bypass valve
- Freeze stat safety switch
- All insulated copper piping
- Powder coated steel frame
- Powder coated aluminum housing
- Two sets of tandem scroll compressors for maximum efficiency & redundancy
- Engineered high efficiency heat exchangers
- Insulated stainless steel glycol 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 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



POWER WIRING ENTER THROUGH RIGHT SIDE OF CONTROL PANEL

DETAIL A
SCALE 1 : 12



CONTROL PANEL
48" x 48"

GD-120T-4HE

VERTICAL AIR CHILLER



G&D CHILLERS

COMMITTED TO COLD

o EST 1993 o

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