



CHILLER MODEL: GD-80T-4

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

| 230 Volt 3 Phase | |
|------------------|-----|
| FLA | 427 |
| MCA | 450 |
| MOC | 540 |

| 460 Volt 3 Phase | |
|------------------|-----|
| FLA | 207 |
| MCA | 218 |
| MOC | 260 |

| | |
|-------------------------|-------------------------------|
| Dimensions ¹ | 91"W x 167"L x 113"H |
| Frame | Powder Coated Steel |
| Housing | Powder Coated Aluminum |
| Tank | 600 Gallon Stainless Steel |
| Compressor | Tandem Scroll (x2) |
| Condenser | Air-Cooled Vertical Discharge |
| Process Pump HP | 7.5 |
| GPM @ 25 PSI | 230 |
| Connection Size | 3" CTS Flange |
| Chiller Pump HP | 5 |
| Heat Exchanger | Stainless Steel Brazed Plate |
| Controls | Microprocessor w/ Comm. |

| | |
|----------------------|----------------------|
| Electrical Enclosure | NEMA 3R |
| Operating Weight | 13,400 lbs (Approx.) |
| Decibels @ 10' | 71 |
| Refrigerant | R410a |

Cooling Capacity based on Ambient Temperature²

| T _{ambient} (°F) | Btu/H | kW |
|---------------------------|---------|-------|
| 90 | 992,400 | 290.8 |
| 100 | 928,400 | 272.1 |

¹ Dimensions accurate for package chiller, remote condenser options will vary

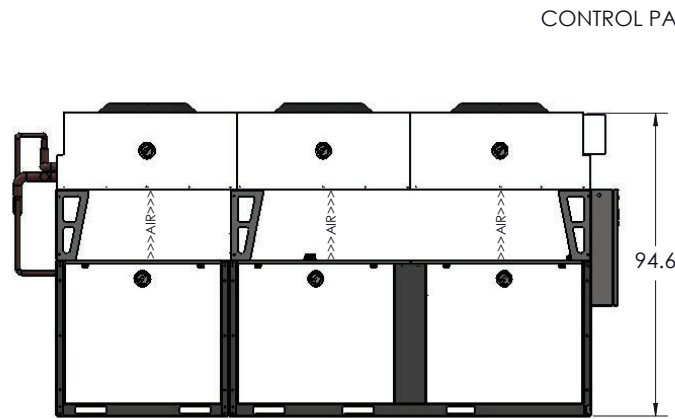
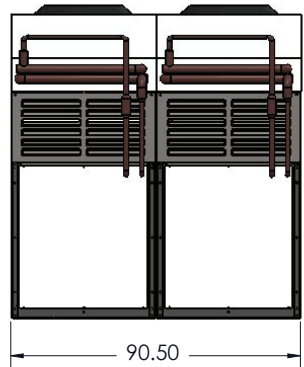
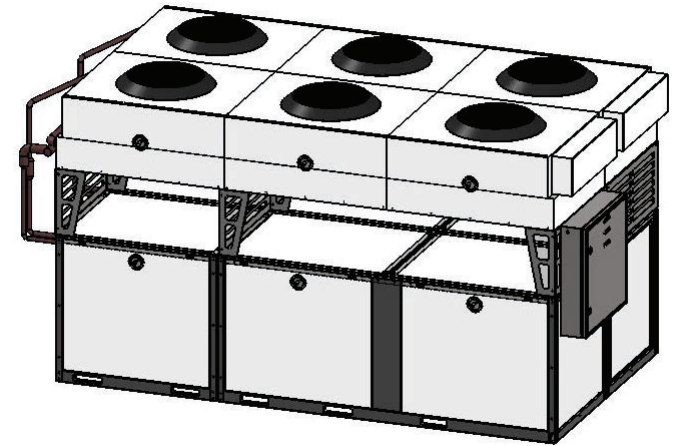
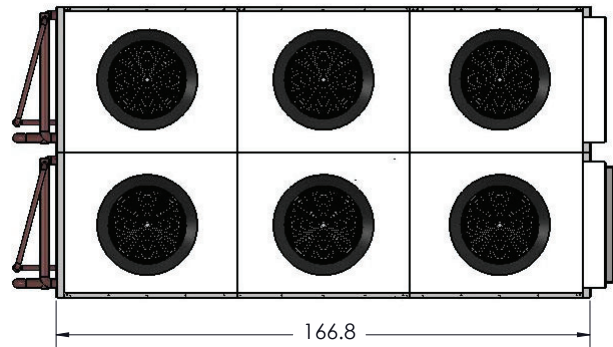
² All capacities using 40 °F leaving fluid

³ VFD available upon request

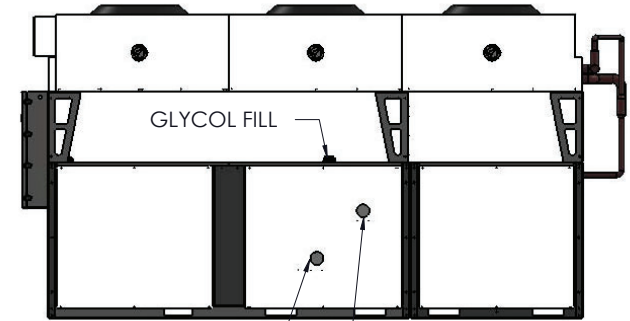
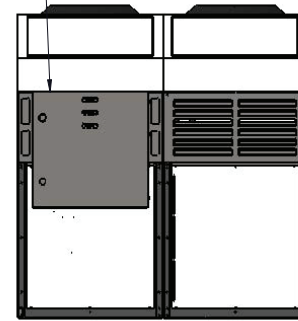
Chiller package consists of the following:

- Complete refrigeration circuit
- Air-cooled condenser
- Process pump³
- 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



CONTROL PANEL



RETURN
3" FLG

SUPPLY
3" FLG

- NOTE:
1. ALL DIMENSIONS IN INCHES
 2. THIS IS A PRELIMINARY DRAWING, CONNECTION LOCATIONS SUBJECT TO CHANGE

GD-80T-4 VERTICAL AIR CHILLER



G&D CHILLERS

COMMITTED TO COLD

o EST 1993 o

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