

MODEL: AIR20,000



### Standard Chiller Specifications

<b>Model Number</b>	AIR20,000
<b>Capacity</b>	243,000 BTU's/hr
<b>Inlet/Outlet Piping</b>	2" NPT
<b>Pump Specs</b>	70 GPM at 45 PSI
<b>Voltage/Phase</b>	460/3 (All Voltages Available)
<b>Rated Load Amps</b>	39A @460/3
<b>Dimensions</b>	86"L x 50"W x 90"H
<b>Weight</b>	1870 lbs (approx.)

### Standard Chiller Features

- These units can be made for indoor or outdoor installation
- Rated at ambient temperatures from 15° F to 100° F (for higher or lower ambient please consult factory)
- Hermetically sealed scroll compressor (other options available)
- Continuous duty, horizontal TEFC, 70 GPM at 45 PSI (other pumps available)
- Non-ferrous and ferrous piping available
- Stainless steel evaporator (other evaporator options available)
- Stainless steel tank w/ fully welded stainless steel couplers (120g tank options)
- Galvanized steel cabinet (powdered coated and stainless steel available)
- Available voltages:230/3, 460/3 (all voltages available upon request)
- Single point electrical connection into disconnect
- NEMA 12/4 electrical enclosure, fully gasketed with lockable disconnect
- Mounting base standard

**1-800-CHILLER**

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## MODEL AIR20,000 SPECIFICATION SHEET

### **Chiller:** *(Vertical Air Discharge)*

Air cooled stand alone chiller designed for indoor operation. Capacity is 243,000 BTU's/hr at rated conditions. Set up for ambient temperatures 35° F to 100° F (for higher or lower ambient conditions please consult factory). Outdoor units have lower ambient rating.

### **Compressor:** *(High Efficient Scroll Compressor)*

Fluid Chillers has determined this to be the most energy efficient and reliable in this size.

### **Pump:** *(70 GPM@ 45 PSI to Process) (Other Pump Options Available)*

This chiller is equipped with a high efficient, pump and TEFC motor. The fluid types are to be water or water/glycol (for other fluids consult factory). Output pressure gauge is standard. Manual bypass to allow customer to adjust output pressure and flow is standard.

### **Reservoir:** *(120 Gallon Available)*

Stainless steel tank with fully welded stainless steel couplers; it will include: drain, sight glass, and manual fill tube. The sight glass is easily visible from the exterior of the chiller.

### **Electrical:**

- Available as 230/1/50-60Hz, 230/3/50-60Hz, 460/3/50-60Hz (all voltages available)
- Remote Start/Stop
- RLA= 31 Amps@ 460/3
- FLA= 55 Amps@ 460/3
- NEMA 12/4, electrical enclosure, fully gasketed with lockable disconnect
- Built to standard industrial practices utilizing IEC components

### **Refrigeration:**

- This series of chillers is totally self-contained and requires only a power connection
- High side filter drier
- Thermostatic expansion valve
- Liquid line sight glass
- High and low side pressure switches
- Full refrigerant charge
- Environmentally friendly refrigerant
- Multiple Schrader access points
- Vibration isolators
- Stainless steel evaporator
- High and low side pressure gauges

### **Included Features:**

- Protection screen on air inlet
- Comes standard with a microprocessor temperature controller with LCD display
- Dimensions and Footprint:
  - 86"L x 50"W x 90"H
  - Dry weight = 1870 lbs (approx)
  - 2" NPT, stainless steel inlet/outlet connections

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