

MODEL: AIR12,000



### Standard Chiller Specifications

<b>Model Number</b>	AIR12,000
<b>Capacity</b>	160,000 BTU's/hr
<b>Inlet/Outlet Piping</b>	1 1/4" NPT
<b>Pump Specs</b>	38 GPM at 38 PSI
<b>Voltage/Phase</b>	230/1, 230/3, 460/3
<b>Rated Load Amps</b>	28A@460/3
<b>Dimensions</b>	74"L x 50"W x 76"H
<b>Weight</b>	1200 lbs (approx.)

### Standard Chiller Features

- These units can be made for indoor or outdoor installation
- Rated at ambient temperatures from 35° F to 100° F
- Hermetically sealed scroll compressor
- Continuous duty, stainless steel pump, 38 GPM at 38 PSI (other pumps available)
- Non-ferrous piping system
- Stainless steel evaporator (other evaporator options available)
- Stainless steel tank w/ fully welded stainless steel couplers (48-120g tank options)
- Powder-coated steel cabinet (stainless steel is also available)
- Available voltages: 230/1, 230/3, 460/3 (others available upon request)
- Single point electrical connection into disconnect
- NEMA 12/4 electrical enclosure, fully gasketed with lockable disconnect
- Mounting feet standard

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## MODEL AIR12,000 SPECIFICATION SHEET

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

Air cooled stand alone chiller designed for indoor operation. Capacity is 160,000 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). Patented enclosure design with easy to clean condenser.

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

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

### **Pump:** *(38 GPM@ 38 PSI to Process) (Other Pump Options Available)*

This chiller is equipped with a high efficient, stainless steel 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.

### **Evaporator:**

Stainless steel plate style evaporator (other evaporator options available).

### **Reservoir:** *(48-120 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 (others available)
- Remote Start/Stop
- RLA= 28 Amps@ 460/3
- FLA= 39 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

### **Included Features:**

- Removable filter screen on air inlet
- Comes standard with a Ranco microprocessor temperature controller with LCD display
- Dimensions and Footprint:
  - 74"L x 50"W x 76"H
  - Dry weight = 1200 lbs (approx)
  - 1 1/4" NPT, stainless steel inlet/outlet connections

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