



FLUID CHILLERS, INC.

SOLUTIONS FOR LIQUID COOLING



MODEL: AIR5000

Standard Chiller Specifications

Model Number	AIR5000
Capacity	61,000 BTU's/hr
Inlet/Outlet Piping	1 1/4" NPT
Pump Specs	18 GPM at 38 PSI
Voltage/Phase	230/1, 230/3, 460/3
Rated Load Amps	11A@460/3
Dimensions	42"L x 28"W x 66"H
Weight	760 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, 18 GPM at 38 PSI (other pumps available)
- Non-ferrous piping system
- Stainless steel evaporator (other evaporator options available)
- Stainless steel tank with fully welded stainless steel couplers (28 gallon capacity)
- 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

1-800-CHILLER

www.fluidchillers.com | 1-517-484-9190 | 2730 Alpha Access Drive | Lansing, MI 48910



MODEL AIR5000 SPECIFICATION SHEET

Chiller: *(Vertical Air Discharge)*

Air cooled stand alone chiller designed for indoor operation. Capacity is 61,000 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: *(18GPM@ 38 PSI) (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: *(28 Gallon Capacity)*

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= 11 Amps@ 460/3
- FLA= 16 Amps@ 460/3
- NEMA 12/4, electrical enclosure, fully gasketed with lockable disconnect

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 R407c
- 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:
 - 42"L x 28"W x 66"H
 - Dry weight = 760 lbs (approx)
 - 1 1/4" NPT, stainless steel inlet/outlet connections

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