

# J Series

Indoor  
1/8 – 2 Ton Capacity

## Powerful and Portable

These compact chillers are truly a turn-key solution with quick delivery. Available in four performance/flow packages the J Series provides a wide range of capabilities. Its size, portability, simple operation, and ease of maintenance make it the chiller of choice for hundreds of applications. Most models need no special wiring — truly plug and play reliability.

## Product Features

- Air-Cooled, Closed Loop
- Capacities from 2,100 BTU/hr to 24,000 BTU/hr
- Water or Water/Glycol (70/30)
- R134A Refrigerant
- Stainless Cabinet
- Fluid Setpoint 50 – 80°F
- Ambient Temperature Range 50 – 95°F
- Temperature Stability  $\pm 3^\circ\text{F}$  (1.5°C)
- Various Voltage and Flow/Pressure Options
- Built to UL 1995
- Streamlined Layout for Ease of Maintenance
- 18-Month Parts and Labor Warranty
- 24/7 Service and Support
- Next Day Parts Available

(Fluid temperatures and ambients can vary. Consult factory for the effect on capacity. Stated capacity based on 65°F fluid setpoint and 95°F ambient.)

Glen  
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Solutions



Koolant  
Koolers



- 1 Fill Cap
- 2 Disconnect
- 3 Controller
- 4 Sight Glass
- 5 Discharge Pressure Gauge



- 6 Compressor
- 7 Tank
- 8 Pump
- 9 Fan

## Base Configuration

- Digital Controller
- Hermetic Compressor
- Brazed Plate Evaporator
- Manual Fluid Bypass Valve
- Hot Gas Regulator
- Discharge Fluid Pressure Gauge
- Seamless, Non-Pressurized, Plastic Tank
- Refrigerant and Tank Sight Glasses
- Flush Mounted Fill Port
- Air Filter
- Manual Bypass Valve

## Options

- Mechanical Auto Makeup (MAM)
- Pressure Relief Bypass Valve (PRBV)
- Various Voltage and Flow/Pressure
- Motorized Hot Gas Bypass Valve
- Low Coolant Flow Alarm (External Connection)
- Internal Low Coolant Level Alarm
- cUL Certification

| MODEL      | CAPACITY | ELECTRICAL                       | FLA <sup>a</sup>     | INLET/OUTLET<br>PORT SIZE | TANK CAPACITY | UNIT DIMENSIONS<br>(LxWxH) | CRATED WEIGHT | PUMP STANDARD |     | PUMP FLOW<br>UPGRADE <sup>1</sup> |     |
|------------|----------|----------------------------------|----------------------|---------------------------|---------------|----------------------------|---------------|---------------|-----|-----------------------------------|-----|
| INDOOR     | BTU/HR   | VOLTS                            | AMPS                 | INCH                      | GAL           | INCH                       | LBS           | GPM           | PSI | GPM                               | PSI |
| JHI-180-M  | 2,100    | 115/1/60                         | 10.6                 | 1/2                       | 5             | 21.125x22x28.625           | 290           | 2             | 50  | n/a                               | n/a |
| JHI-500-M  | 4,500    | 115/1/60<br>230/1/60             | 15.5<br>8.0          | 1/2                       | 5             | 21.125x22x28.625           | 345           | 4             | 50  | n/a                               | n/a |
| JHI-1000-M | 11,300   | 230/1/60<br>230/3/60<br>460/3/60 | 17.7<br>13.6<br>6.1  | 1/2                       | 10            | 25.125x1.125x33.375        | 530           | 4             | 50  | 10                                | 35  |
| JHI-1500-M | 18,000   | 230/1/60<br>230/3/60<br>460/3/60 | 24.0<br>16.8<br>7.5  | 1/2                       | 10            | 25.125x31.125x33.375       | 570           | 4             | 50  | 10                                | 35  |
| JHI-2000-M | 24,000   | 230/1/60<br>230/3/60<br>460/3/60 | 34.0<br>22.0<br>10.0 | 1/2                       | 10            | 31.625x33.5x35.675         | 645           | 10            | 35  | 10                                | 80  |

List pricing includes standard pump, manual bypass valve, hot gas regulator, standard packaging, standard tagging, and standard finish.

a) Does not include pump upgrade

1) Pump Pressure PSI Upgrade – in higher pressure applications this option is selected to allow pressure up to 75 PSI. Pressure relief bypass must be added with this option.



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