

PRODUCTION ENGINEERING
888-654-9353
sales@productionengineering.com

J-SERIES Indoor Only

1/8 - 2 Ton Capacity
Powerful & Portable



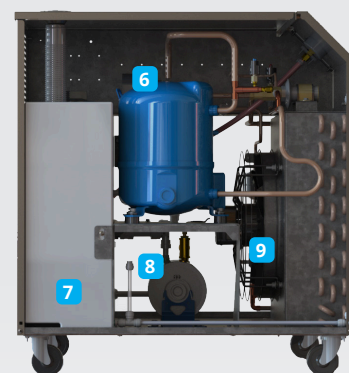
A Turn-Key Solution with Quick Delivery

These compact chillers are available with four performance/flow packages to provide a wide range of solutions. 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°F-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 (Optional cUL Certification)
- 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.



STANDARD FEATURES

| |
|---|
| 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 |

- 1 Fill Cap
- 2 Disconnect
- 3 Controller
- 4 Sight Glass
- 5 Discharge Pressure Gauge
- 6 Compressor
- 7 Tank
- 8 Pump
- 9 Fan

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1344 Woodman Drive
Dayton, Ohio 45432

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National Phone

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| MODEL | CAPACITY | ELECTRICAL | FLA ^a | INLET/OUTLET PORT SIZE | TANK CAPACITY | UNIT DIMENSIONS (L*W*H) | CRATED WEIGHT | PUMP STANDARD | | PUMP FLOW UPGRADE ¹ | |
|------------|----------|------------|------------------|---------------------------|---------------|-------------------------------|---------------|------------------|-----|-----------------------------------|-----|
| INDOOR | BTU'S/HR | VOLTS | AMPS | INCH | GAL | INCH | LBS | GPM | PSI | GPM | PSI |
| JHI-180-M | 2,100 | 115/1/60 | 10.6 | 1/2 | 5 | 21.125 x 22 x 28.625 | 290 | 2 | 50 | n/a | n/a |
| JHI-500-M | 4,500 | 115/1/60 | 15.5 | 1/2 | 5 | 21.125 x 22 x 28.625 | 345 | 4 | 50 | n/a | n/a |
| | | 230/1/60 | 8.0 | | | | | | | | |
| JHI-1000-M | 11,300 | 230/1/60 | 17.7 | 1/2 | 10 | 25.125 x 31.125 x 33.375 | 530 | 4 | 50 | 10 | 35 |
| | | 230/3/60 | 13.6 | | | | | | | | |
| | | 460/3/60 | 6.1 | | | | | | | | |
| JHI-1500-M | 18,000 | 230/1/60 | 24.0 | 1/2 | 10 | 25.125 x 31.125 x 33.375 | 570 | 4 | 50 | 10 | 35 |
| | | 230/3/60 | 16.8 | | | | | | | | |
| | | 460/3/60 | 7.5 | | | | | | | | |
| JHI-2000-M | 24,000 | 230/1/60 | 34.0 | 1/2 | 10 | 31.625 x 33.5 x 35.675 | 645 | 10 | 35 | 10 | 80 |
| | | 230/3/60 | 22.0 | | | | | | | | |
| | | 460/3/60 | 10.0 | | | | | | | | |

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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