



HALCO PRODUCTS COMPANY

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HALCO
PRODUCT
INFORMATION

HCR
0.7.01

REFRIGERATED RECIRCULATORS

SMALL CAPACITY 1/4 - 1 TON

Halco™ Recirculating Chillers are designed to deliver reliable performance under a broad range of operating conditions & applications. Halco™ recirculating chillers are designed and engineered to deliver industry leading performance and reliability. The 76000 series chillers provide the dependable and efficient heat removal you need—and the advanced, user friendly operation you've always wanted.

Halco™ chillers easily handle process temperatures from -10°C to 40°C (14°F to 104°F). Setting temperature and operational parameters is as simple as pressing and turning a knob with the one-touch select/set temperature control.

Halco™ chillers offer remote control capability through either an optional RS232 interface or optional on/off port. Audible and visual high and low temperature and low flow rate alarms alert you instantly when operating parameters exceed your pre-set limits.

Halco™ chillers let you select the temperature range, cooling capacity, pump, and control options that best meet your heat removal needs.



FEATURES

- High & Low Temperature Alarms
- One Touch Temperature Control
- Quiet Operation
- Extra Large Digital Displays
- Temperature & Pressure/
Flow Rate Readouts
- Low Flow Alarm
- Castors For Portability
- Extended Temperature Range

Other Options Available: Heaters, Pumps, D.I. Water

APPLICATIONS

- Programmable Controllers
- Lasers
- Hospital Cooling
- Welding Cooling
- Mold Cooling
- Process Cooling
- Research Lab Cooling
- Military Cooling
- Special Applications
- OEM Requirements

SPECIFICATIONS



| Specifications | Models | | | | |
|------------------------------------|----------------|----------------|----------------|-----------------|-----------------|
| | 76307P | 76407P | 76607P | 76807P | 76207P |
| Temperature Range | -5° to 40°C | 5° to 40°C | -10° to 40°C | -15° to 40°C | -15° to 40°C |
| Temperature Uniformity | +/- .5°C | +/- .5°C | +/- .5°C | +/- .5°C | +/- .5°C |
| Temperature Setability | 0.1°C | 0.1°C | 0.1°C | 0.1°C | 0.1°C |
| Compressor | 1/4 HP | 1/3 HP | 1/2 HP | 3/4 HP | 1 HP |
| Cooling Capy. (Watts)BTU/HR** | | | | | |
| 0° | 200 | 500 | 750 | 760 | 1000 |
| 10° | 500 | 900 | 1100 | 1700 | 1950 |
| 20°C | 600 | 1200 | 1700 | 2500 | 2900 |
| Positive Disp. Pump (GMP)* | 1 gpm@60psi | 1 gpm@60psi | 1 gpm@60psi | 3.5 gpm@60psi | 3.5 gpm@60psi |
| Standard Pump Pressure | 20-100 psi | 20-100 psi | 10 psi | 15 psi | 15 psi |
| Reservoir Capacity (Gal/ Liters) | 1/3.8 | 1/3.8 | 1/3.8 | 1/3.8 | 1/3.8 |
| Inlet/Outlet Fitting Size (Female) | 1/2in. NPT | 1/2in. NPT | 1/2in. NPT | 1/2in. NPT | 1/2in. NPT |
| Voltage/hz/ A | 120/60/12/2 | 120/60/13.1 | 120/60/16 | 208-230/60/11.9 | 208-230/60/12.2 |
| Voltage/hz/ A | 240/50/6.8 | 240/50/7.3 | 240/50/8.9 | 240/50/11.9 | 240/50/12.2 |
| Dimensions (in) H x W x D | 22.6x14.5x27.6 | 22.6x14.5x27.6 | 22.6x14.5x27.6 | 22.6x14.5x27.6 | 22.6x14.5x27.6 |
| Dimensions (Centimeters) | 61x36.5x67.3 | 61x36.5x67.3 | 61x36.5x67.3 | 61x36.5x67.3 | 61x36.5x67.3 |
| Shipping Weight (lbs/kg) | 160/73 | 170/77 | 170/77 | 178/81 | 178/81 |

*Optional Magnetic Drive or Turbine Pumps Available

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In line with our policy of continual product improvement, HALCO reserves the right to incorporate and use equipment and material to conform with the latest design of its products, and in keeping with the specifications of this equipment.