

Zero Leakage, Environmentally Friendly Pumps for Refrigerants

As the safest pumping solutions for low-temperature refrigerants and coolants, Hayward Tyler Canned Motor Pumps offer top reliability and zero emissions operation for Ammonia (NH₃), Carbon Dioxide (CO₂), and traditional cooling systems.

Our zero-leakage pumps offer the highest reliability for your cooling system utilizing fluid film bearings for extended service life with less downtime in your operations.

We have a variety of options to accommodate the low NPSHa typical of a cooling system, including 4 and 6 pole motors or using special hydraulics utilizing an inducer. All of our pumps come with a built-in bearing wear monitor to take the guesswork out of your pump's service schedule.

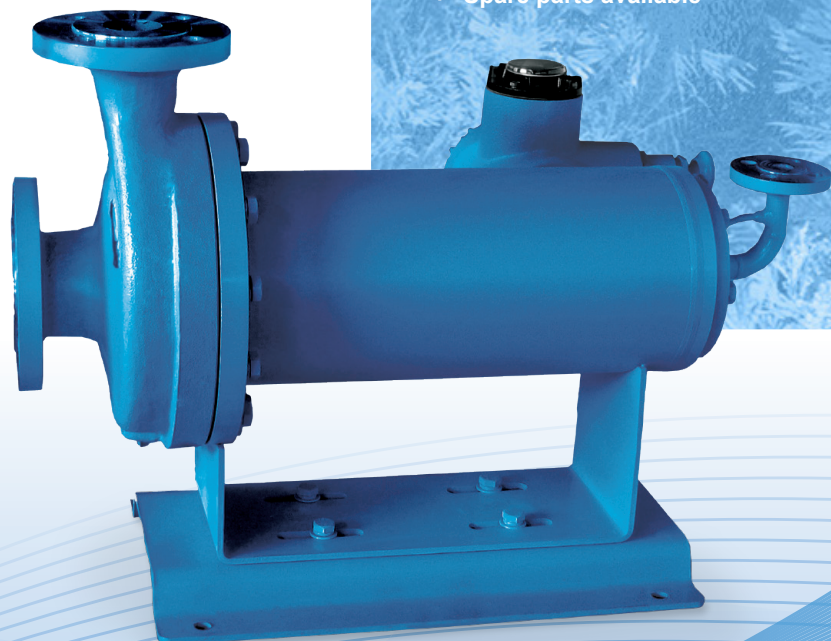
Our pumps are the most environmentally friendly option for your refrigeration or cooling system.

KEY FEATURES

- Temperatures to -160°F (-107°C)
- 25,000 hours of bearing life
- 30+ years lifetime
- Advanced hydraulics offering low NPSHr
- Integrated bearing wear monitor
- All VFD compatible

Advantages of Hayward Tyler Refrigeration Pumps:

- Reliable, leakproof operation
- Unparalleled safety
- Environmentally friendly
- Advanced hydraulics with low NPSHr
- Long service life
- Low operating costs
- Wide range of refrigeration applications
- Compact design
- Low noise and vibration
- Spare parts available



The ultimate choice in safe, reliable, green pumping operation.

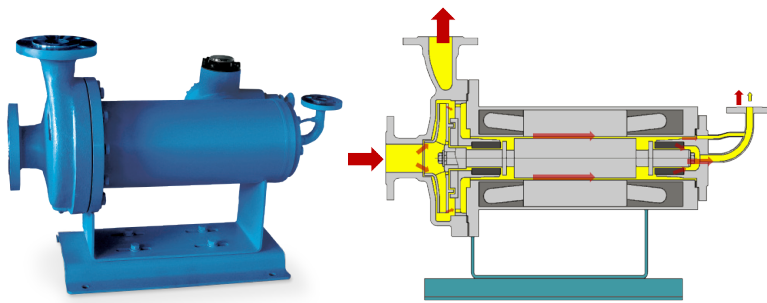
Our refrigeration pumps feature a canned motor that uses a common rotor shaft for the pump and the motor, wrapped in a pressure boundary that eliminates the need for a mechanical seal. This allows us to remove the number one problem area in traditional refrigeration pumps. Our Canned Motor Pumps are true dual containment, as both the “can” and the stator shell are designed for the system pressure. This means two layers of protection and double the safety of the pump.

APPLICATIONS

- Cold Storage
- Food & Beverage
- Data Centers
- Pharmaceuticals
- Inverter Coolers
- Locomotives
- Power Transformers
- Semiconductor Chillers
- Hydrogen Production

Refrigerant Pumping Solutions

HN - Reverse Circulation Canned Motor Pump

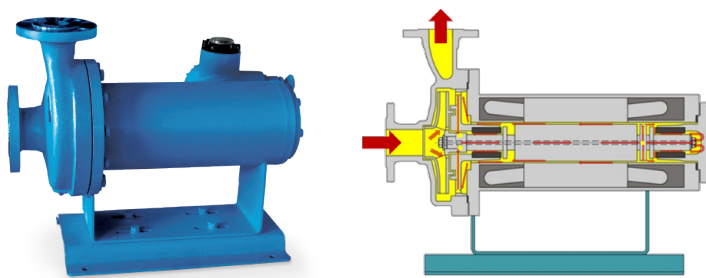


Overview:

Uses a reverse circulation flow path and is self-venting. Suitable for fluids with a low vapor pressure.

	US	SI
Capacity	Max: 2,650 USgpm	600 m ³ /h
Total Head	Max: 525 ft	160 m
Output	Max: 420 hp	315 kW

HNP - Pressurized Circulation Canned Motor Pump



Overview:

Basic design using a hollow shaft for inner circulation. Available with instrumentation options.

	US	SI
Capacity	Max: 2,650 USgpm	600 m ³ /h
Total Head	Max: 525 ft	160 m
Output	Max: 420 hp	315 kW



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