


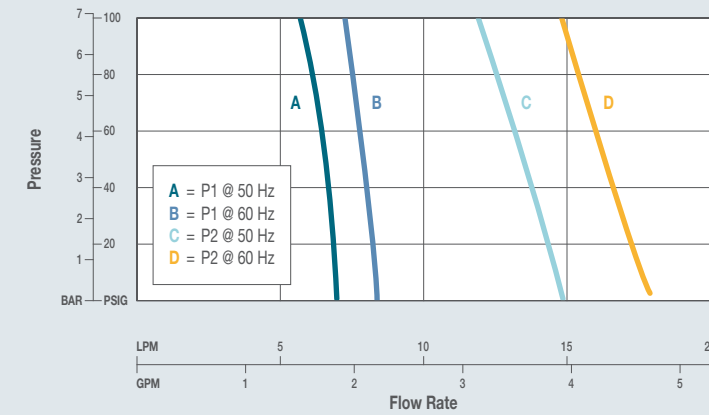
900 to 2500 watts of cooling



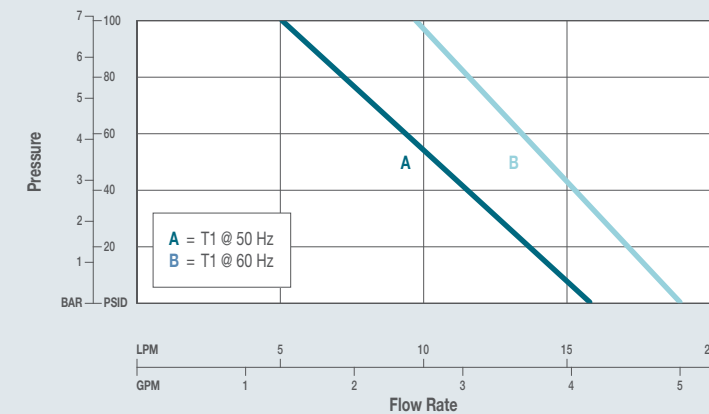
| Specifications | ThermoFlex 900 | ThermoFlex 1400 | ThermoFlex 2500 | |
|--|----------------------------------|--|---|---|
| Standard Setpoint Temperature Range | 5 °C to 40 °C (41 °F to 104 °F) | | | |
| Optional High Temperature Setpoint Range | – | 5 °C to 90 °C (41 °F to 194 °F) | | |
| Optional Low Temperature Setpoint Range | – | – | -5 °C to 55 °C (23 °F to 131 °F) | |
| Stability | +/- 0.1 °C | | | |
| Ambient Temperature Range | 10 °C to 40 °C (50 °F to 104 °F) | | | |
| Standard Cooling Capacity | 60 Hz at 20°C | 900 W / 3074 BTU | 1400 W / 4781 BTU | 2500 W / 8538 BTU |
| | 50 Hz at 20°C | 750 W / 2559 BTU | 1170 W / 3996 BTU | 2200 W / 7513 BTU |
| Reservoir Volume | 7.2 Liters (1.9 gallons) | | | |
| Refrigerant | R134A | | | |
| Physical Dimensions (H x W x D) | Air-Cooled | 27.3 x 14.2 x 24.6 in (69.2 x 36.0 x 62.4 cm) | 27.3 x 14.2 x 24.6 in (69.2 x 36.0 x 62.4 cm) | 29.0 x 17.2 x 26.5 in (73.6 x 43.6 x 67.3 cm) |
| | Water-Cooled | – | 27.3 x 14.2 x 24.6 in (69.2 x 36.0 x 62.4 cm) | 29.0 x 17.2 x 26.5 in (73.6 x 43.6 x 67.3 cm) |
| P1 – Positive Displacement Pump | 60 Hz | 2.1 gpm @ 60 psig (7.9 lpm @ 4.1 bar) | | |
| | 50 Hz | 1.7 gpm @ 60 psig (6.4 lpm @ 4.1 bar) | | |
| P2 – Positive Displacement Pump | 60 Hz | 4.0 gpm @ 60 psig (15.1 lpm @ 4.1 bar) | | |
| | 50 Hz | 3.3 gpm @ 60 psig (12.5 lpm @ 4.1 bar) | | |
| T1 – Turbine Pump* | 60 Hz | 3.5 gpm @ 60 psid (13.2 lpm @ 4.1 bar) | | |
| | 50 Hz | 2.5 gpm @ 60 psid (9.5 lpm @ 4.1 bar) | | |
| Chiller Weight (air-cooled with P2 pump) | 130.5 lb (59.2 kg) | | 175.5 lb (79.6 kg) | |
| Available Heaters | | | | |
| 1 kW @ 208 V | – | Available | – | |
| 1.2 kW @ 230 V | – | Available | – | |
| 2.3 kW @ 208 V | – | – | Available | |
| 2.8 kW @ 230 V | – | – | Available | |
| Voltage Options | | | | |
| 115 V/60 Hz & 100 V/50 Hz ^{1,2} | Available | – | – | |
| 100 V/60 Hz & 100 V/50 Hz ^{1,2} | Available | – | – | |
| 208-230 V/60 Hz & 200 V/50 Hz ^{1,2} | – | Available | – | |
| 230 V/50 Hz ¹ | – | Available | – | |
| 200-230 V/50-60 Hz Global Voltage ^{1,2} | – | Available | – | |
| Compliance | – | CE ¹  ² | – | |

Pumping capacity

P1 & P2 Pump

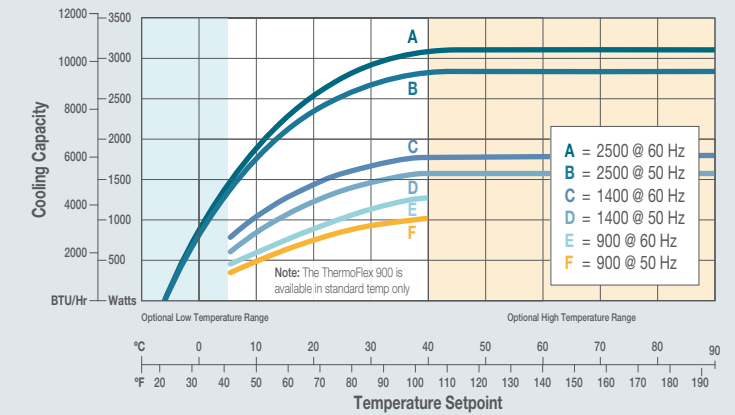


T1 Pump



Cooling capacity

ThermoFlex 900, 1400 & 2500

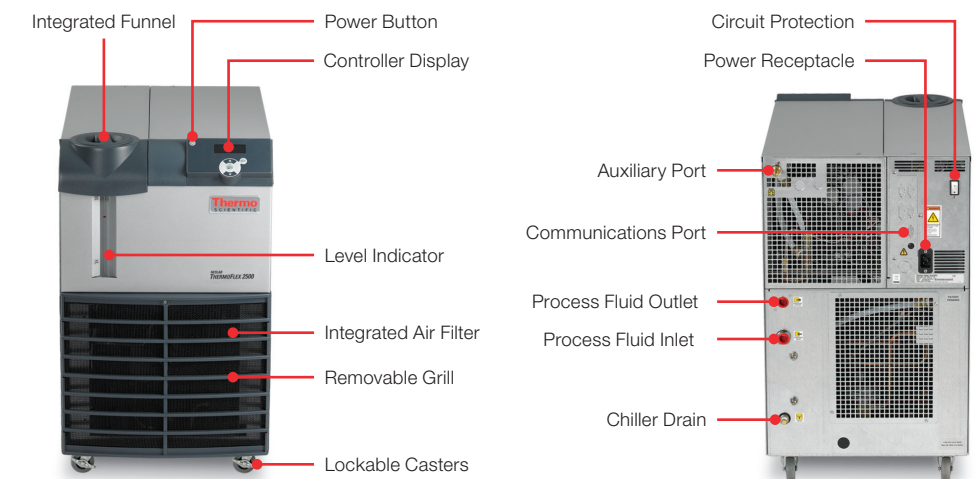


Cooling capacity based on chillers with P2 pumps with no backpressure. Other pumps will affect cooling capacity performance.

Full flow filter ensures clean fluid to protect your application and maximize recirculation system life.

Easily removable condenser grill and air filter allow for quick and simple cleaning to optimize chiller performance and maximize component life.

Integrated funnel fill for easy filling.



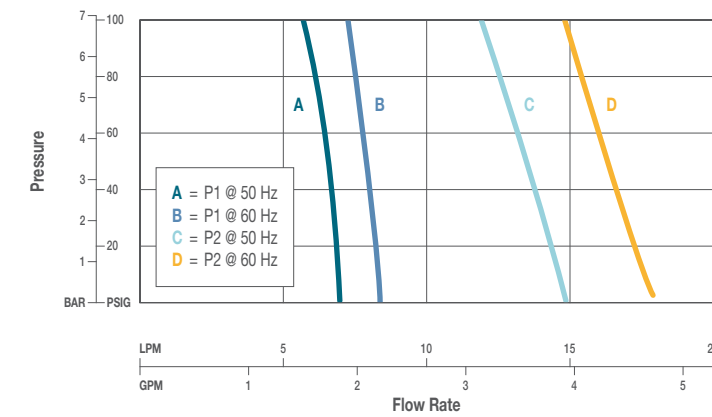
3500 to 10000 watts of cooling



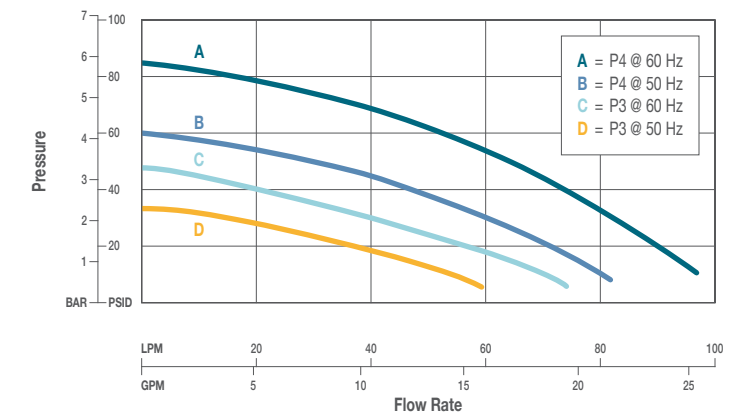
| Specifications | ThermoFlex 3500 | ThermoFlex 5000 | ThermoFlex 7500 | ThermoFlex 10000 | |
|--|----------------------------------|---|--|--|---------------------|
| Standard Setpoint Temperature Range | 5 °C to 40 °C (41 °F to 104 °F) | | | | |
| Optional High Temperature Setpoint Range | 5 °C to 90 °C (41 °F to 194 °F) | | | | |
| Optional Low Temperature Setpoint Range | – | -5 °C to 55 °C (23 °F to 131 °F) | – | -5 °C to 55 °C (23 °F to 131 °F) | |
| Stability | +/- 0.1 °C | | | | |
| Ambient Temperature Range | 10 °C to 40 °C (50 °F to 104 °F) | | | | |
| Standard Cooling Capacity | 60 Hz at 20°C | 3500 W / 11953 BTU | 5000 W / 17076 BTU | 7500 W / 25575 BTU | 10000 W / 34100 BTU |
| | 50 Hz at 20°C | 3050 W / 10416 BTU | 4400 W / 15027 BTU | 6425 W / 21910 BTU | 8500 W / 28985 BTU |
| Reservoir Volume | 7.2 Liters (1.9 gallons) | | 17.9 Liters (4.75 gallons) | | |
| Refrigerant | R407C | | | | |
| Physical Dimensions (H x W x D) | Air-Cooled | 38.9 x 19.3 x 30.9 in (98.7 x 48.8 x 78.4 cm) | | 52.3 x 25.2 x 33.8 in (132.7 x 63.9 x 85.6 cm) | |
| | Water-Cooled | 38.9 x 19.3 x 30.9 in (98.7 x 48.8 x 78.4 cm) | | 45.9 x 25.2 x 33.8 in (116.6 x 63.9 x 85.6 cm) | |
| P1 – Positive Displacement Pump | 60 Hz | 2.1 gpm @ 60 psig (7.9 lpm @ 4.1 bar) | – | – | |
| | 50 Hz | 1.7 gpm @ 60 psig (6.4 lpm @ 4.1 bar) | – | – | |
| P2 – Positive Displacement Pump | 60 Hz | 4.0 gpm @ 60 psig (15.1 lpm @ 4.1 bar) | | | |
| | 50 Hz | 3.3 gpm @ 60 psig (12.5 lpm @ 4.1 bar) | | | |
| T1 – Turbine Pump* | 60 Hz | 3.5 gpm @ 60 psid (13.2 lpm @ 4.1 bar) | | – | |
| | 50 Hz | 2.5 gpm @ 60 psid (9.5 lpm @ 4.1 bar) | | – | |
| T5 – Turbine Pump* | 60 Hz | – | 7.3 gpm @ 60 psid (27.6 lpm @ 4.1 bar) | | |
| | 50 Hz | – | 6.2 gpm @ 60 psid (23.5 lpm @ 4.1 bar) | | |
| P3 – Centrifugal Pump* | 60 Hz | 10 gpm @ 32 psid (37.9 lpm @ 2.2 bar) | | | |
| | 50 Hz | 10 gpm @ 20 psid (37.9 lpm @ 1.4 bar) | | | |
| P4 – Centrifugal Pump* | 60 Hz | 15 gpm @ 57 psid (56.8 lpm @ 3.9 bar) | | – | |
| | 50 Hz | 15 gpm @ 34 psid (56.8 lpm @ 2.3 bar) | | – | |
| P5 – Centrifugal Pump* | 60 Hz | – | 20 gpm @ 60 psid (75.7 lpm @ 4.1 bar) | | |
| | 50 Hz | – | 20 gpm @ 35 psid (75.7 lpm @ 2.4 bar) | | |
| Chiller Weight (air-cooled with P2 pump) | 264 lb (120 kg) | | 356 lb (161.5 kg) | | |
| Available Heaters | | | | | |
| 2.3 kW @ 208 V | Available | | – | | |
| 2.8 kW @ 230 V | Available | | – | | |
| 5 kW @ 208 V | – | | Available | | |
| 6.1 kW @ 460 V | – | | Available | | |
| Voltage Options | | | | | |
| 208-230 V/60 Hz & 200 V/50 Hz ^{1,2} | Available | | – | | |
| 230 V/50 Hz ¹ | Available | | – | | |
| 200-230 V/50-60 Hz Global Voltage ^{1,2} | Available | | – | | |
| 208-230 V/60 Hz/3 phase & 200V/50 Hz ^{1,2} | – | | Available | | |
| 460 V/60 Hz/3 phase & 400 V/50 Hz/3 phase ¹ | – | | Available | | |
| Compliance | | | | | |

Pumping capacity

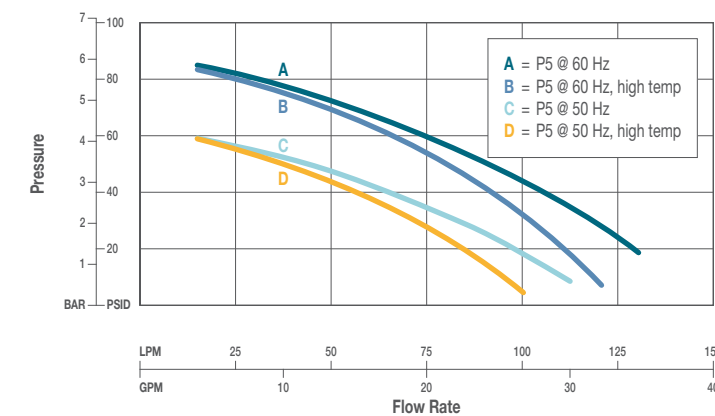
P1 & P2 Pump



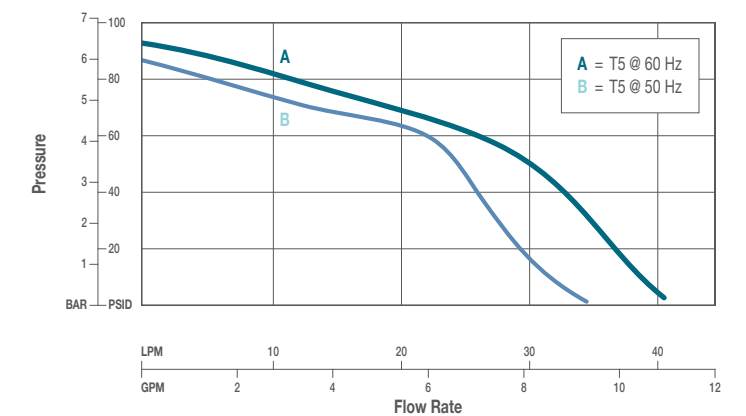
P3 & P4 Pump



P5 Pump

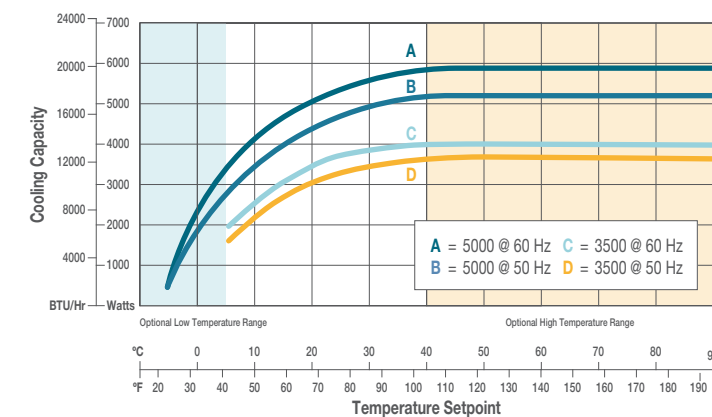


T5 Pump

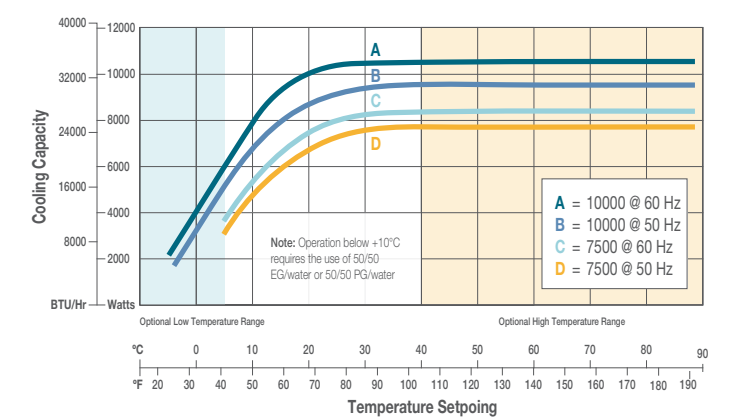


Cooling capacity

ThermoFlex 3500 & 5000



ThermoFlex 7500 & 10000



Cooling capacity based on chillers with P2 pumps with no backpressure. Other pumps will affect cooling capacity performance.

15000 to 24000 watts of cooling

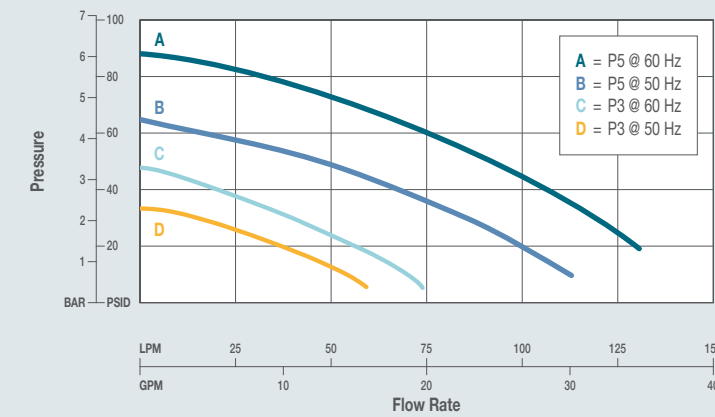


| Specifications | ThermoFlex 15000 | ThermoFlex 20000 | ThermoFlex 24000 |
|--|--|---|--|
| Standard Setpoint Temperature Range | 5 °C to 40 °C (41 °F to 104 °F) | | |
| Optional Low Temperature Setpoint Range | - | | -5 °C to 55 °C (23 °F to 131 °F)** |
| Stability | +/- 0.1 °C | | |
| Ambient Temperature Range | 10 °C to 40 °C (50 °F to 104 °F) | | |
| Standard Cooling Capacity | 60 Hz at 20°C 15000 W / 51228 BTU 50 Hz at 20°C 12525 W / 42775 BTU | 20000 W / 68304 BTU 16700 W / 57043 BTU | 24000 W / 81964 BTU 21000 W / 71719 BTU |
| Reservoir Volume | 17.9 liters (4.75 gallons) | | |
| Refrigerant | R407C | | |
| Physical Dimensions (H x W x D) | Air-Cooled 49.0 x 46.5 x 30.9 in (124.4 x 118.1 x 78.6 cm) | Water-Cooled 49.0 x 46.5 x 30.9 in (124.4 x 118.1 x 78.6 cm) | |
| P3 — Centrifugal Pump* | 60 Hz 50 Hz | 10 gpm @ 32 psid (37.9 lpm @ 2.2 bar) 10 gpm @ 20 psid (37.9 lpm @ 1.4 bar) | |
| P5 — Centrifugal Pump* | 60 Hz 50 Hz | 20 gpm @ 60 psid (75.7 lpm @ 4.1 bar) 20 gpm @ 35 psid (75.7 lpm @ 2.4 bar) | |
| NEW! T9 -- Turbine Pump* | 60 Hz 50 Hz | 27 gpm @ 50 psid; (102.2 lpm @ 3.4 bar) 22 gpm @ 50 psid; (83.2 lpm @ 3.4 bar) | |
| Chiller Weight (air-cooled with P3 Pump) | 550 lb (249.5 kg) | | 650 lb (294.8 kg) |
| Available Heaters | | | |
| 5 kW @ 208 V | - | | - |
| 6.1 kW @ 460 V | - | | - |
| 22.5 kW @ 460 V | - | | Available |
| Voltage Options | | | |
| 208-230 V/60 Hz/3 phase ^{1,2} | Available | | |
| 460 V/60 Hz/3 phase & 400 V/50 Hz/3 phase ^{1,2} | Available | | |
| Compliance | | | |
| | CE ¹ | | |

** Specifications obtained at sea level using water as the recirculating fluid, at a +20°C process setpoint, + 25°C ambient condition, at nominal operating voltage.
Cooling capacity based on chillers with P3 pumps set at 10 gpm. Other pumps will affect cooling capacity performance. Specifications subject to change.
* Pressure values for centrifugal and turbine pumps are differential pressures between the inlet and the outlet of the chiller.
* CSA Pending.

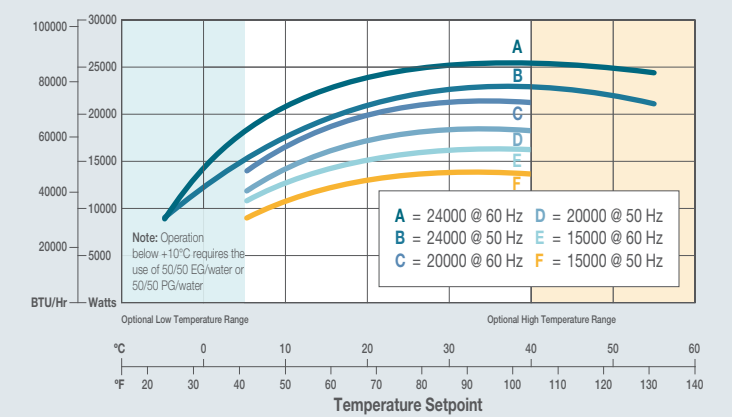
Pumping capacity

Pumping Capacity for Pump Options P3 & P5



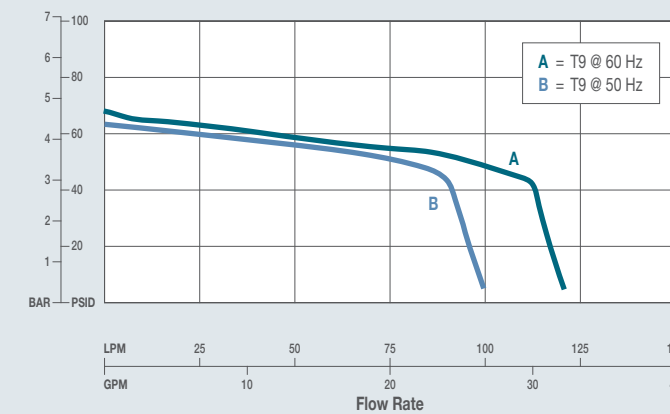
Cooling capacity

ThermoFlex 15000, 20000 & 24000



Cooling capacity based on P3 pumps set to 10 gpm.

NEW! T9 Turbine Pump



Full flow filter ensures clean fluid to protect your application and maximize recirculation system life.

Easily removable condenser grill and air filter allow for quick and simple cleaning to optimize chiller performance and maximize component life.

Integrated funnel fill for easy filling.

