
Cold Plunge Pool Chiller - for chlorine treated pools

Standard Features

- U.L. Listed, EPA Compliant, Low GWP R454B eco-friendly refrigeration complies with latest codes
- Single refrigeration circuit with separate and independent thermostat controls and safeties
- Air cooled, high ambient, vertical discharge, condensers for 10°F to 100°F ambient
- Suitable for outdoor installation only (for areas that maintain outdoor temperatures above freezing)
- Weather proof electrical panel with single point power connection
- Control circuit with component sequenced terminal strip for easy troubleshooting
- One stage of compressor control with digital temperature controller
- Controller including electronic thermostat, with On/Off switch
- Control mounted on chiller
- Cupronickel coaxial heat exchanger for chlorine pools
- Externally equalized thermal expansion valve with filter drier and sight glass
- Non ferrous water lines with FPT connections, insulated with 1/2" closed cell insulation
- Water flow safety switch locks out compressor on low flow to evaporator
- Powder coated cabinet
- Warranty: One (1) years limited parts, five (5) years limited compressor warranty
- Systems leak checked, pressure tested, and run tested under load prior to shipment.

Options & Accessories

- Split system for outdoor condenser installation (for areas that have outdoor temperatures below freezing)
- Titanium heat exchanger for saltwater pools
- Condenser coil coating for corrosion protection in coastal areas
- Remote temperature control
- Castors for portability
- Other voltages and options available upon request
- Factory authorized technician for startup, training & service

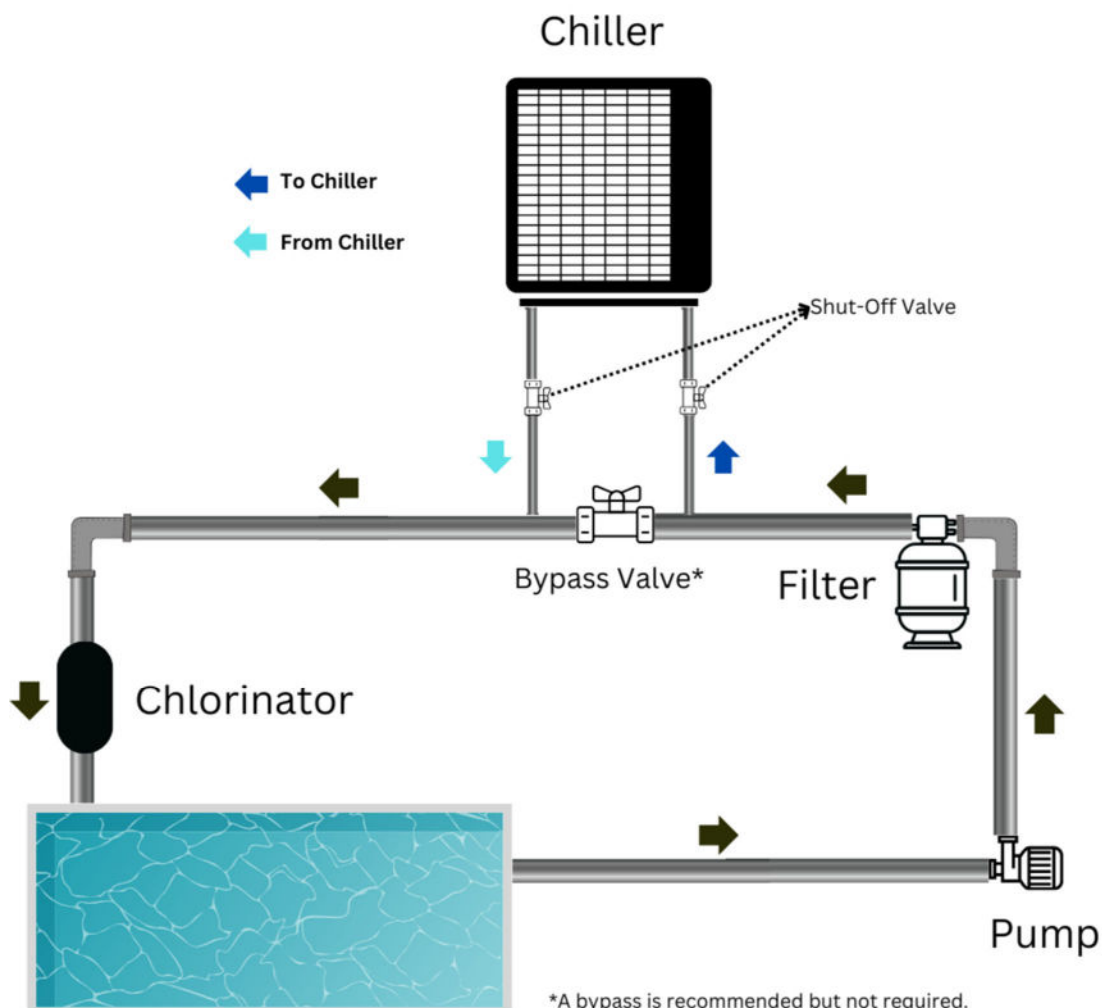


| Plunge Pool Chiller Sizing Guide | | | |
|----------------------------------|------------------|------------------------|------------------------|
| Pool Volume (Gallons) | Chiller Capacity | Chiller H.P. @ 50F LWT | Chiller H.P. @ 40F LWT |
| 100 to 300 | 1 Ton | 1.0 | 1.5 |
| 300 to 450 | 1-1/2 Ton | 1.5 | 2.0 |
| 450 to 650 | 2 Ton | 2.0 | 2.5 |
| 650 to 950 | 3 Ton | 3.0 | 3.5 |
| 950 to 1,200 | 4 Ton | 4.0 | 5.0 |
| 1,200 to 1,700 | 5 Ton | 5.0 | 6.0 |
| 1,700 to 2,200 | 6 Ton | 6.0 | 7.0 |
| 2,200 to 2,700 | 7 Ton | 7.5 | 8.0 |
| 2,700 to 3,500 | 10 Ton | 10.0 | Consult Factory |

Consider Upsizing Chiller If...

- Piping runs are long, uninsulated or run under heated floors.
- Filter system adds heat
- Pool is used for long durations or repeatedly with minimum recovery time between usage.
- Pool is used for full body immersion
- Pool is in an outdoor or warm location
- Pool will be turned on/off with limited cool down period (may significantly increase chiller size - consult factory).

Our clients include many professional sports teams like the Oklahoma City Thunder, Denver Nuggets and Chicago Bears plus spa's, cruise ships and residences.



| SPPC-R03 Series | | | | | | |
|-----------------------------|------------------------------|---------|---------|---------|---------|---------|
| General Data | | | | | | |
| Model (SPPC****-R03) | 0151 | 0201 | 0301 | 0401 | 0501 | |
| Nominal Tons Cooling | 1.5 | 2 | 3 | 4 | 5 | |
| Refrigerant | R454B | R454B | R454B | R454B | R454B | |
| Electrical Data | | | | | | |
| Supply Power | Voltage | 208-230 | 208-230 | 208-230 | 208-230 | 208-230 |
| | Phase | 1 | 1 | 1 | 1 | 1 |
| | Frequency (Hz) | 60 | 60 | 60 | 60 | 60 |
| Compressor | Quantity | 1 | 1 | 1 | 1 | 1 |
| | Rated Load Amps (RLA) | 8.3 | 12.7 | 13.5 | 22.4 | 23.7 |
| | Locked Rotor Amps (LRA) | 45 | 67 | 75 | 126 | 157 |
| Fan Motor | Quantity | 1 | 1 | 1 | 1 | 1 |
| | Full Load Amps (FLA) | 0.75 | 0.8 | 0.8 | 1 | 1 |
| Total Circuit | Full Load Amps (FLA) | 9.05 | 13.5 | 14.3 | 23.4 | 24.7 |
| | Min Circuit Ampacity (MCA) | 11.3 | 16.9 | 17.9 | 29.3 | 30.9 |
| | Max Overcurr. Protect. (MOP) | 15 | 25 | 30 | 50 | 50 |
| Physical Data | | | | | | |
| Outdoor Unit Size (in) | Length (L) | 30 | 34 | 34 | 34 | 36 |
| | Width (W) | 30 | 34 | 34 | 34 | 36 |
| | Height (H) | 25 | 25 | 25 | 35 | 45 |
| Weight (lb) | Dry | 165 | 219 | 256 | 305 | 352 |
| | Ship | 315 | 369 | 406 | 455 | 502 |
| Air Clearance Required (in) | Sides | 12* | 12* | 12* | 12* | 12* |
| | Service | 24 | 24 | 24 | 24 | 24 |
| | Top | 60 | 60 | 60 | 60 | 60 |
| Connection (in) | Water (FPT) | 3/4 | 3/4 | 1 | 1 | 1 |
| Flow Rate | Maximum Flow Rate (GPM) | 7.5 | 10 | 15 | 20 | 20 |
| | Minimum Flow Rate (GPM) | 3.6 | 4.8 | 7.2 | 9.6 | 12 |

*12" one side, 6" minimum other two sides, 24" on service side

*Specs are subject to change without notice.

For outdoor installation only

| SPPC-R03 Series | | | | | | | | | |
|-----------------------------|---------------------------|---------|---------|---------|---------|-------|-------|-------|---------|
| General Data | | | | | | | | | |
| Model (SPPC****-R03) | 0303 | 0403 | 0503 | 0753 | 0304 | 0404 | 0504 | 0754 | |
| Nominal Tons Cooling | 3 | 4 | 5 | 7.5 | 3 | 4 | 5 | 7.5 | |
| Refrigerant | R454B | R454B | R454B | R454B | R454B | R454B | R454B | R454B | R454B |
| Electrical Data | | | | | | | | | |
| Supply Power | Voltage | 208-230 | 208-230 | 208-230 | 208-230 | 460 | 460 | 460 | 460 |
| | Phase | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Frequency (Hz) | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 |
| Compressor | Quantity | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | Rated Load Amps (RLA) | 9 | 12 | 16 | 26.6 | 9 | 6.3 | 7.1 | 11.6 |
| | Locked Rotor Amps (LRA) | 70 | 123 | 156.4 | 191 | 70 | 60 | 69 | 95 |
| Fan Motor | Quantity | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 2 |
| | Full Load Amps (FLA) | 0.8 | 1 | 1 | 1.5 | 0.5 | 0.8 | 0.8 | 0.8 |
| Total Circuit | Full Load Amps (FLA) | 9.8 | 13 | 17 | 29.6 | 9.5 | 7.1 | 7.9 | 13.2 |
| | Min Circuit Amp. (MCA) | 12.3 | 16.3 | 21.3 | 37.0 | 11.9 | 8.9 | 9.9 | 16.5 |
| | Max Overcurr. Prot. (MOP) | 20 | 25 | 35 | 60 | 20 | 15 | 15 | 25 |
| Physical Data | | | | | | | | | |
| Outdoor Unit Size (in) | Length (L) | 34 | 34 | 36 | 59-1/4 | 34 | 34 | 36 | 59-1/4 |
| | Width (W) | 34 | 34 | 36 | 46 | 34 | 34 | 36 | 46 |
| | Height (H) | 25 | 35 | 45 | 42-1/2 | 25 | 35 | 45 | 42-1/2 |
| Weight (lb) | Dry | 256 | 305 | 352 | 555 | 256 | 305 | 352 | 555 |
| | Ship | 406 | 455 | 502 | 805 | 406 | 455 | 502 | 805 |
| Air Clearance Required (in) | Sides | 12* | 12* | 12* | 42 / 18 | 12* | 12* | 12* | 42 / 18 |
| | Service | 24 | 24 | 24 | 39 | 24 | 24 | 24 | 39 |
| | Top | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 |
| Connection (in) | Water (FPT) | 1 | 1 | 1 | 1-1/4 | 1 | 1 | 1 | 1-1/4 |
| Flow Rate | Maximum Flow Rate (GPM) | 15 | 20 | 20 | 30 | 15 | 20 | 20 | 30 |
| | Minimum Flow Rate (GPM) | 7.2 | 9.6 | 12 | 18 | 7.2 | 9.6 | 12 | 18 |

*12" one side, 6" minimum other two sides, 24" on service side