



HYDROMATIC® PUMPS AND ACCESSORIES

Pentair Pump Group



HC20

Typical Application: Condensate Unit
Capacities: 95 GPH
Heads: 20 ft.
Liquids: Drain Water
Tank Capacities: 2.0 Quarts
Temperature: 190°F
Motor Type: Electrical

Full Load Amps: 1.45
Voltage: 115
Hertz: 60
Unit Weight: 3.25 lbs.
Dimensions: 11" x 5" x 4-3/4"
Housing: Thermoplastic
Power Cord Size: 6'

Head-Feet	Flow (GPH)
1	95
5	85
10	70
15	45
20	0



HUP

Typical Application: Utility pump
Capacities: to 22 GPM (83.3 LPM)
Head: to 22 ft. (6.4 m)
Electrical: 115V, 1ø, 60 Hz
Motor: 1/6 HP P.S.C., Air-filled & Water-cooled
Operation: Manually
Materials of Construction: Thermoplastic

Discharge Size: 1" NPT (25.4 mm)
Solids Handling: 1/8" (3.18 mm)
Power Cord: 10', SJTW, or SJTW-A
Superior Features:

- Continuous duty rated
- Carbon/Ceramic mechanical seal
- Weighs only 7 lb.
- Removes standing water down to 1/8" depth



SW/SD/VS25

Typical Application: Sump/Effluent pump
Capacities: SW/SD/VS25—to 44 GPM (2.8 l/s)
Heads: SW/SD/VS25—to 24 ft. (7.3 m)
Electrical: SW/SD/VS25—115V, 1ø, 8.0 FLA, 60 Hz
Motor: SW/SD/VS25—1/4 HP shaded pole w/thermal overload 1550 RPM
Minimum Recommended: SD/VS25 = 12" (304.8 mm)
Sump Diameter: SW25 = 18" (457 mm)
Automatic Operation (manual available): SW = Wide-angle float, SD = Diaphragm pressure switches, VS = Vertical float switch

Materials of Construction: Cast iron and engineered thermoplastic
Impeller: Thermoplastic vortex
Discharge Size: 1-1/2" NPT (38.1 mm)
Solids Handling: 1/2" (12.8 mm)
Power Cord: 10', SJTW, (20' optional)
Superior Features:

- Carbon/Ceramic mechanical seal
- Oil-filled motor w/automatic reset thermal overload
- Use single row ball bearing construction
- Piggyback plug available for easy maintenance and replacement



SW/SD/VS33

Typical Application: Sump/Effluent pump
Capacities: SW/SD/VS33—to 48 GPM (3.0 l/s)
Heads: SW/SD/VS33—to 26 ft. (7.9 m)
Electrical: SW/SD/VS33—115V, 1ø, 8.0 FLA, 60 Hz
Motor: SW/SD/VS33—1/3 HP shaded pole w/thermal overload 1550 RPM
Minimum Recommended Sump Diameter: SD/VS33 = 12" (304.8 mm), SW33 = 18" (456 mm)
Automatic Operation (manual available): SW = Wide-angle float switch, SD = Diaphragm pressure switch, VS = Vertical float switch

Materials of Construction: Cast iron and engineered thermoplastic
Impeller: Thermoplastic vortex
Discharge Size: 1-1/2" NPT (38.1 mm)
Solids Handling: 1/2" (12.8 mm)
Power Cord: 10', SJTW, (20' optional)
Superior Features:

- Carbon/Ceramic mechanical seal
- Oil-filled motor w/automatic reset thermal overload
- Uses single row ball bearing construction
- Piggyback plug available for easy maintenance and replacement



SK60

Typical Application: Sewage, Dewatering
Capacities: to 130 GPM (8.2 l/s)
Heads: to 28 ft. (8.5 m)
Electrical: 115V, 1ø, 12 FLA, 60 Hz; 200V, 1ø, 6.9 FLA, 60 Hz; 230V, 1ø, 6.0 FLA, 60 Hz; 200V, 3ø, 2.9 FLA, 60 Hz; 230V, 3ø, 2.5 FLA, 60 Hz; 460V, 3ø, 1.3 FLA, 60 Hz; 575V, 3ø, 1.04 FLA, 60 Hz
Motor: (single phase)—6/10HP Split phase w/thermal overload protection, 1750 RPM; (three phase)—6/10HP polyphase, 1750 RPM
Minimum Recommended Sump Diameter: Simplex = 24" (609.6 mm); Duplex = 36" (914.4 mm)
Automatic Operation (manual available): diaphragm pressure switch (single phase only)

Materials of Construction: Class 30 cast iron
Impeller: Class 30 cast iron two vane non-clog
Discharge Size: 2" (50.8 mm); 3" (76.2 mm) optional
Solids Handling: 2" (50.8 mm)
Power Cord: 1ø, 115V—10', STW-A (20' optional); other 1ø and all 3ø—20', STW-A
Superior Features:

- Carbon/Ceramic type 21 mechanical seal
- Oil-filled motor w/automatic reset thermal overload for maximum protection
- Upper and lower single row ball bearing construction
- Piggyback plug available for easy maintenance and switch replacement
- Non-clogging, two-vane, semi-open cast iron impeller



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SK75

Typical Application: Sewage, Dewatering
Capacities: to 150 GPM (9.5 l/s)
Heads: to 34 ft. (10.4 m)
Electrical: 200V, 1 ϕ , 10.4 FLA, 60 Hz; 230V, 1 ϕ , 9.0 FLA, 60 Hz; 200V, 3 ϕ , 4.0 FLA, 60 Hz; 230V, 3 ϕ , 3.5 FLA, 60 Hz; 460V, 3 ϕ , 1.8 FLA, 60 Hz; 575V, 3 ϕ , 1.44 FLA, 60 Hz
Motor: (single phase)—3/4 HP Capacitor start w/thermal overload protection, 1750 RPM; (three phase)—3/4 HP polyphase, 1750 RPM
Minimum Recommended Sump Diameter: Simplex = 24" (609.6 mm); Duplex = 36" (914.4 mm)
Operation: Manual standard; Optional—wide-angle float switch
Materials of Construction: Class 30 cast iron

Impeller: Class 30 cast iron two vane non-clog
Discharge Size: 2" (50.8 mm); 3" (76.2 mm) optional
Solids Handling: 2" (50.8 mm)
Power Cord: 1 ϕ , 20', STW-A; 3 ϕ —20', STW-A
Superior Features:

- Carbon/Ceramic type 21 mechanical seal
- Oil-filled motor w/automatic reset thermal overload for maximum protection
- Oil-filled motor w/automatic reset thermal overload for maximum protection
- Upper and lower single row ball bearing construction
- Capacitor start motor for improved starting torque and pump performance



WIDE-ANGLE FLOAT SWITCH

No switch arrangement on the market is more reliable! The tilt sensitive mechanism is sealed inside a non-corrosive float. Available

in 10', 20' and 30' cord lengths with piggyback style plug-in connector. High reliability makes field servicing almost a thing of the past.



DIAPHRAGM PRESSURE SWITCH

Designed for ease of service. The same tried and true diaphragm mechanism that has helped give HYDROMATIC® pumps their great reputation for dependability still delivers. The diaphragm mechanism is housed in an

engineered plastic housing and features a vented cord with a piggyback plug-in connector. Now available in a variety of switch settings.



Q-alert

Small, residential Q-ALERT high water alarm is ideal for furnishing an inexpensive way to

protect you home and valuables.



DIAPHRAGM PRESSURE SWITCH

- System features alarm and dialer in one unit
- Dials out to three different field programmable phone numbers.
- Alarms first and delays dialing to give the user a chance to correct the alarm before calling out.
- Audible and visual alarm along with recorded alarm message.

- Three different alarm inputs plus one internal power-fail alarm.
- Non-volatile digital memory remembers data even if power is removed.
- Security code keeps unauthorized people from making programming changes.