

HYDROMATIC®

PFC6X6

Fiberglass Enclosed 6 Ft. by 6Ft. Primer Lift Station

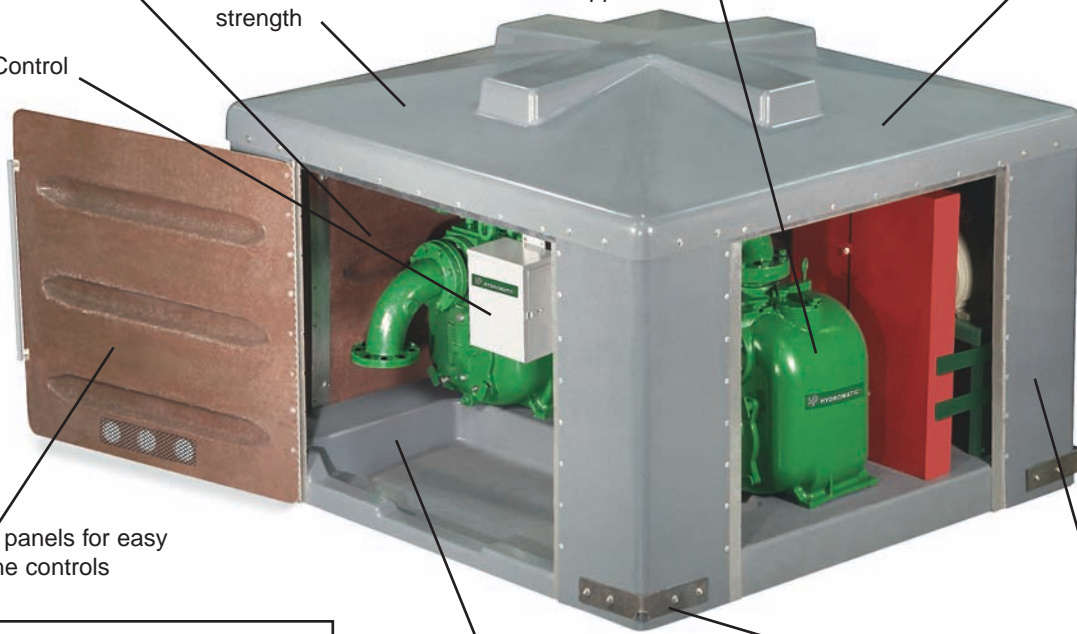
Two removable side panels with tamper-proof fasteners for routine maintenance

Weather-tight, molded fiberglass and reinforced enclosure for superior corrosion resistance and strength

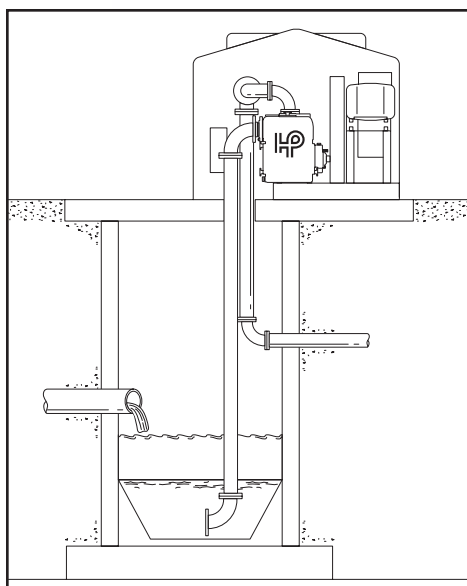
Equipped with "RP" series pumps designed for dirty water and wastewater applications

Removable roof and corner panels for major maintenance when required

Liquid-Level Control



Two hinged panels for easy access to the controls



Fiberglass encapsulated concrete and steel reinforced base supports all components

Four lifting bails for unloading and installation

Exterior finish resists mildew, mold, and fungus

The 6'X6' above ground lift station is a pre-engineered, economical station shipped complete from the factory. Just connect the incoming power and piping connections to be on line. The low silhouette fiberglass station blends in with the surroundings. Since it is an all fiberglass enclosure, it will resist organic corrosion and is weather-tight.

The four access panels, two lockable hinged and two with tamper-proof fasteners, provide easy access for routine maintenance. For added security, the station is designed to be vandal-resistant. The station will accommodate two 40RP, 4" pumps with a maximum of 25 HP and flows from 70 to 600 GPM.

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Mechanical

Standard equipped 6'X6' above ground lift station includes the following mechanical components:

Station is equipped with duplex "RP" sewage pumps, V-belt driven by 1750 r.p.m. open drip proof "T" frame motors, 25 horsepower maximum. Piping includes individual suction lines terminating at the 90° suction elbow, individual discharge swing check valves, a three way plug valve and individual air bleed lines with shut off valves. A thermostat controlled vent fan is furnished in the station roof.

Electrical

The standard station electrical components include the following devices:

The motor control and liquid level controls are mounted in individual NEMA 3R steel enclosures. Features include: Thermal-magnetic motor branch circuit breaker, magnetic motor starters across the line start, with overload protection on all phases, corrosion inhibitor, pressure-activated liquid level control, high water alarm circuit, lead pump/lag pump alternator, fault indicators, elapsed time meters, pump run lights, high pump temperature shut down circuit, motor overload re-setters, pump sequence selector switch, duplex GFI receptacle and UL approved controls.

Piping

Standard piping arrangements that are offered.

40RP Station, 4" pumps

Suction	Header	Discharge
4"	4"	4"
4"	4"	6"

Available Station Options:

- Automatic air release valve assembly
- Hand held station light
- Pump drain kit
- Pump spare parts kit
- Station heater 1300/1500 watts
- Suction & discharge gauges
- Volute casing heaters

Available Control Options:

- Air bubbler
- Alarm bell
- Alarm horn
- Alarm light
- Dry alarm contacts
- Lag pump delay circuit
- Low water alarm circuit
- Mercury float switch control non-intrinsically safe or intrinsically safe
- NEMA rated starters
- Panel heater
- Power "ON" indicating light
- Power transformer
- Three phase voltage monitor
- Transient voltage surge



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