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GRINDER PUMP STATIONS

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D-Series | DH152

The E/One model DH152 duplex grinder pump station is an ideal choice for multiple single-family homes. Grinder pumps send wastewater from the home to the central sewer and/or treatment system through small-diameter pipes.

Featuring the new E/One Extreme grinder pump, the DH152 offers a new level of reliability and ruggedness.



- 12' 6" DEEP

- 4" INLET, 2" OUTLET

- \$13,000.00 INCLUDES PANEL + 2ND PUMP.

- DIRECTIONAL DRILL 200m @ 40.00/m

- \$8000.00

- PIPE \$2000.00

- TRAC HOE WORK - \$3000.00

ESTIMATED TOTAL - \$26,000.00

Features

The DH152 grinder pump station consists of two pumps and tank. The grinder pumps, motor controls and level-sensing are integrated into a compact unit, easily removable for service.

Solids are ground into fine particles that pass easily through the pumps, check valves and small-diameter pipe lines — even objects that should not be in sewage, such as plastic, rubber, fiber, wood, etc. The 1-1/4" discharge connections can be adapted to any piping materials that meet local code requirements.

The tank is made from tough, corrosion-resistant HDPE. The optimum tank capacity of 150 gallons is based on computer studies of water usage patterns. A single DH152 is ideal for one, average single-family home and can be used for up to 12 homes where codes allow and with consent of the factory. The DH152 can accommodate flows of 3000 gallons per day.

The grinder pumps are automatically activated and, because they run infrequently and for very short periods, its annual electric energy consumption is typically that of a 40-watt light bulb.

E/One grinder pumps do not require preventive maintenance and boast an average of eight to 10 years between service calls. If service is required, the unique, one-piece core eliminates the need for in-field troubleshooting and servicing — the pump core can be quickly pulled out and replaced, meaning minimal maintenance costs and inconvenience for the homeowner.

Units are available for indoor and outdoor installations. Outdoor units accommodate a wide range of depths.

Distributor Connection

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Operational Information

Motors

1 HP, 1725 rpm, high torque, capacitor start, thermally protected, 240 or 120 volt, 60 hertz, 1 phase

Inlet Connections

4" inlet grommet standard for DWV pipe. Other inlet configurations available from factory.

Discharge Connections

Pump discharge terminates in 1-1/4" NPT female thread. Can easily be adapted to 1-1/4" PVC pipe or any other material required by local codes.

Discharge*

15 gpm at 0 psig

11 gpm at 40 psig

7.8 gpm at 80 psig

Overload Capacity

Maximum pressure that the pump can generate is limited by motor characteristics to a value well below the rating of the piping and appurtenances. Automatic reset feature does not require manual operation following overload.

US and foreign patents issued and pending.

*Discharge data includes loss through check valve, which is minimal.

Drawings & Installation Instructions

[DH152 Drawings \(PDF, 1.3 mb\)](#)

[DH152 Drawings \(zipped DXF, 1.3 mb\)](#)

[DH152 Installation Instructions \(PDF, 2 mb\)](#)

[Specification — with "Wired" Level Sensor \(DOC\)](#)

[Specification — with "Wireless" Level Sensor \(DOC\)](#)

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