

EHV₄₁₂

SUBMERSIBLE EFFLUENT PUMP

Barnes EHV pumps combine high quality, high performance and low cost in a rugged, heavy duty design. Capable of handling up to 3/4 inch spherical solids, the pump utilizes a vortex impeller and a combination of cast iron and stainless steel components to stand up to the toughest residential effluent applications.

Outstanding Performance

- Maximum flow rate to 49 gpm at 5' of head
- Maximum shutoff head of 45"
- Vortex impeller provides 3/4" solids handling capability
- Permanent split capacitor motor for reliable, high performance, longer motor life, greater starting torque, and lower amp draw
- 1/2hp 3450rpm single phase motor includes overload protection
- Heavy duty upper and lower ball bearings are oil lubricated for maximum life

Heavy Duty Materials of Construction

- Cast iron motor housing
- Cast iron pump body
- Cast iron multi-vane vortex impeller
- Stainless steel pump shaft
- Stainless steel hardware

Level Control Options

- Manual operations requires no controls
- Wide angle mechanical float mounted on discharge pipe or pump body
- Snap action vertical float switch mounted on discharge pipe or pump body
- All switches utilize "piggy back" switches which eliminates the need to pull pump to check for switch failure.



BARNES®

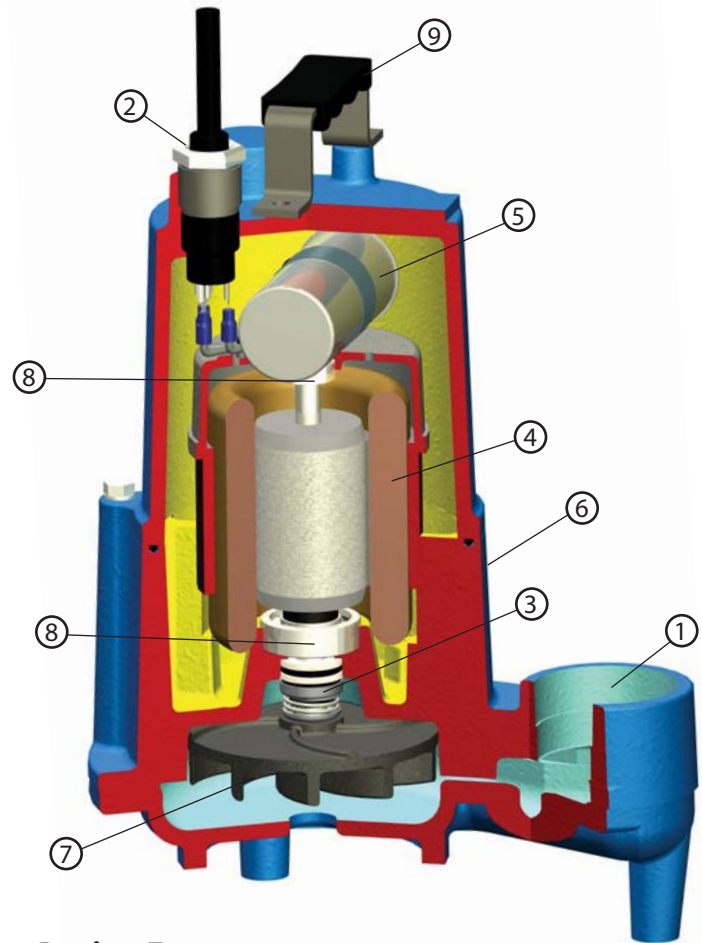
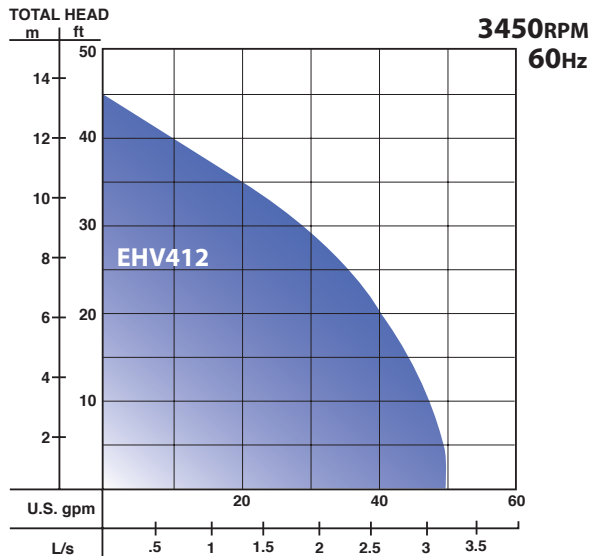
Professional Plumbing

Additional Pump Features

- CSA C/US listed
- 20' cord length standard
- 12 month limited warranty

Available Models

- EHV412
manual unit, no control provided
- EHV412A
furnished with mechanical float for pipe mount
- EHV412VF
furnished with vertical float for pipe mount
- EHV412AT
furnished with mechanical float tethered to pump



Design Features

1. 2" NPT outlet connection
2. Proven cord entry design prevents leakage
3. Heavy duty industrial Type 21 silicon carbide seal
4. 1/2 HP motor for efficient and reliable effluent pumping
5. Motor capacitor provides high start torque
6. Corrosion-resistant cast iron construction
7. Cast iron vortex impeller passes solids up to 3/4 inch
8. Oil-lubricated ball bearings provide maximum life
9. Stainless steel lifting handle with rubber grip

CRANE

A Crane Co. Company

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