

EHV₄₁₂

SUBMERSIBLE EFFLUENT PUMP

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 reliability, high performance, longer motor life, 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 float 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 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.



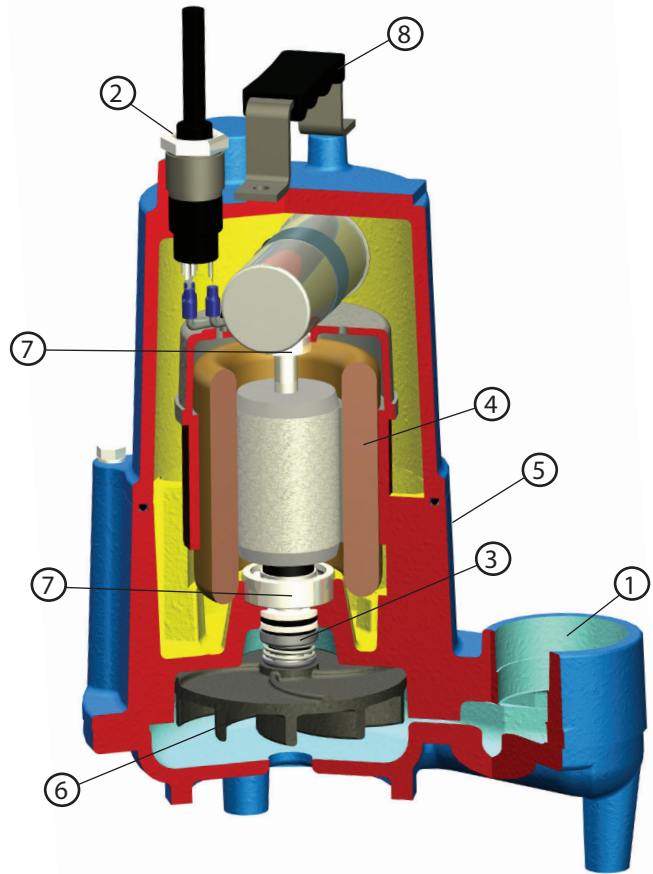
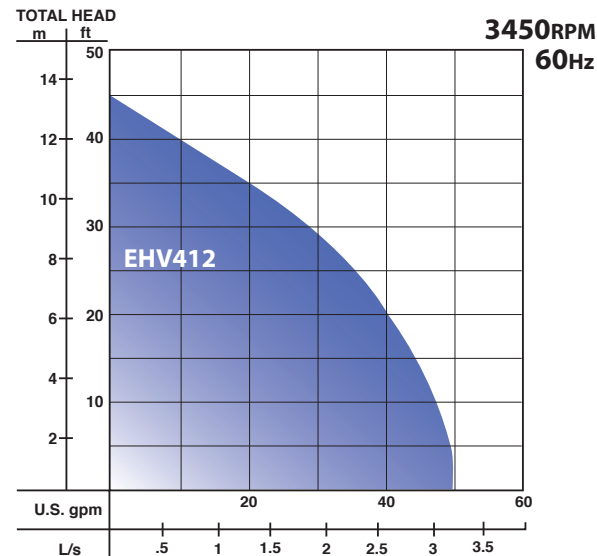
Submersible Effluent Series

Additional Pump Features

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

Available Models

- EHV412
manual unit, no float 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 carbon/ceramic/carbon seal
4. 1/2 HP motor for efficient and reliable effluent pumping
5. Corrosion-resistant cast iron construction
6. Cast iron vortex impeller passes solids up to 3/4 inch
7. Oil-lubricated ball bearings provide maximum life
8. Stainless steel lifting handle with rubber grip



CRANE

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