

Vacuum-Assisted Multi-Purpose (V)

Derived from the rugged Thompson heavy-duty wet priming centrifugal open trash/sewage pumps and improved by the addition of an auxiliary vacuum pump, these pumps are used in many situations including open pumping, wellpoint systems and sewage bypass. The pumps deliver the fastest priming in the industry and provide continuous pumping of liquids mixed with a high percentage of air which makes them especially useful in high lift situations not suitable for standard trash pumps. Even liquids containing high abrasives or solids in suspension flow through with ease.

6V



Applications

Construction: Dewatering excavations, canals and sumps; groundwater dewatering with wellpoint systems or sock underdrains; bypassing sewers and bodies of water; extended sumping; wellpoint dewatering; groundwater dewatering; water supply from wells or canals; hosing down concrete castings

Civil Engineering: Sewage pumping; flood drainage; fire fighting; recovery of hazardous liquids

Waste Treatment: Sewer bypasses; mud or solids in suspension; dosing neutralizing liquids; pumping out sludge

Mining: Wash-down operations; tailings; high head/high volume applications

Industrial: Transfer of clean or dirty liquids, mud or solids in suspension; low viscosity petroleum products

Agricultural: Surface irrigation; liquid manure oxygenation; transfer and spraying fertilizers or manure

Alternate pump end materials available for corrosive liquids

Features

All the features of Thompson's HT Series and more...

- Automatic dry priming and re-priming to 30 feet
- Quick dry prime from 15 feet in 15 seconds
- Large solids handling capacity
- High flow and high head capacity
- 2 or 3-vane ductile iron impellers available
- Cast iron rubber-lined, abrasion-resistant wear plate
- Dry running abrasion-resistant tungsten carbide mechanical seal with Viton elastomers
- Back pull out design
- Safety shutdown control panel standard
- Various diesel or electric motor options
- Simple low-cost maintenance

Model Specifications

Unit Model	Size (In.)	Maximum* Capacity (GPM)	Maximum* Head (Ft.)	Maximum* Solids (In.)
4V	4	650	127	2.00
6V	6	1,500	102	3.00
8V	8	2,600	168	3.00

* @ 2,200 RPM except 4TSC @ 2,000 RPM

