

General Description:

The FVP Series are medium-duty submersible pumps engineered for efficient handling of liquids containing soft solids and light slurries. Their compact design makes them ideal for installations in confined spaces where reliable solids-handling capability is essential.

Key Features:

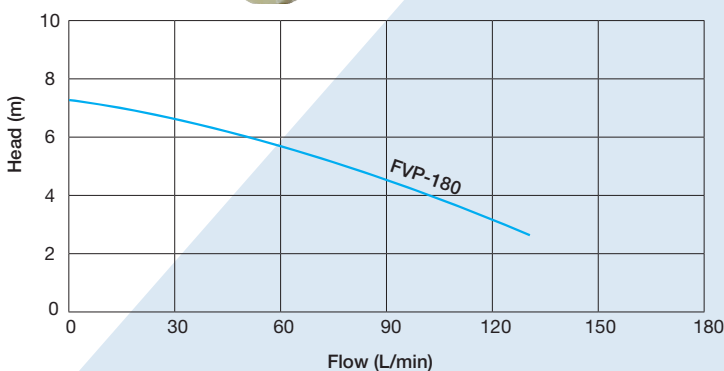
- **Robust Construction:** Combines a cast iron and stainless steel pump body with a cast iron impeller, ensuring durability and resistance to wear.
- **Efficient Solids Handling:** The vortex impeller design allows for the passage of soft solids and light slurries without clogging, enhancing operational reliability.
- **Enhanced Sealing System:** Equipped with a double mechanical seal in an oil bath, supplemented by a lip seal, to provide superior protection against leakage and extend service life.
- **Corrosion Resistance:** Features a stainless steel shaft, motor shell, and fasteners, offering excellent resistance to corrosion in various environments.
- **Compact and Versatile:** Designed for easy installation in tight spaces, making them suitable for a wide range of applications.
- **Single Phase Operation:** Available in single-phase models, simplifying electrical installation and integration.
- **Warranty:** Backed by a 12-month warranty, providing assurance of quality and performance.



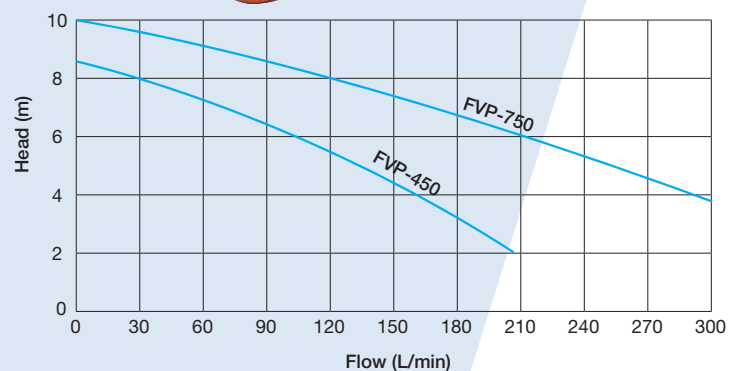
Performance Curves



180W Impeller



750W Impeller



Applications:

- **Wastewater and Sewage Management:** Ideal for pumping domestic and commercial wastewater, including applications in shopping malls, hotels, and restaurants.
- **Septic Systems:** Suitable for use in septic tanks, pump stations, and lift pits, effectively handling effluent with soft solids.
- **Stormwater Drainage:** Effective in managing stormwater in residential and commercial settings, preventing flooding and water accumulation.
- **Industrial Processes:** Applicable in industries requiring the transfer of liquids with suspended solids, such as food processing or light manufacturing.



Technical Details

MODEL	POWER (P2)		MAX. FLOW (L/min)	MAX. HEAD (m)	WATER TEMP
	kW	HP			
FVP-180	0.18	0.24	135	7	0-40°C
FVP-450	0.45	0.60	210	8.5	0-40°C
FVP-750	0.15	1.0	300	10	0-40°C

Dimensions

MODEL	Size (mm)			OUTLET (mm)	Kg
	H	D	L		
FVP-180	330	120	165	32/38	8.1
FVP-450	460	145	220	50	16.7
FVP-750	500	145	220	50	19