Vertical MultiStage Pumps

Taco Vertical MultiStage Pumps raise the standards in value, performance, and durability. Perfect for new or retrofit high-pressure applications, Taco VM pumps' space-saving design makes installation and maintenance a breeze.



HYDRONIC COMPONENTS & SYSTEMS®

Do it once. **Staco**°

High-pressure performance in tight spaces

For any high-pressure application where space is at a premium, choose a Taco VM pump. Whether your job is new or retrofit, the VM is ideal for pressure boosting, boiler feed, cooling towers, and water distribution, treatment and supply. What's more, VMs free up valuable space and deliver lower operating costs, which is sure to please architects and owners alike.

Versatile and easy to maintain.

With a full line of power and performance to choose from, every Taco MultiStage pump comes complete with self-adjusting mechanical seals for maintenance-free dependability and ratings of 250°F and 350 psi for true application versatility. Stainless steel impellers, chambers, shaft and guide vanes assure long-lasting efficiency and quiet operation. If needed, Taco Rebuild Kits make repairs quick and easy.



High quality stainless steel components for long-life performance.

Teflon® neck-rings to reduce re-circulation and improve efficiency.

Multiple seal options for application versatility.

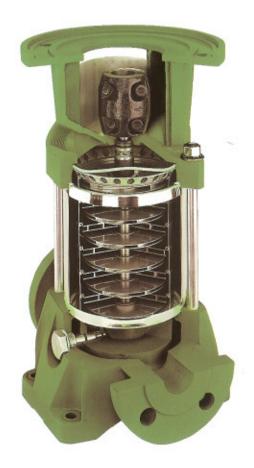
TEFC or ODP motor, rugged direct coupling.

Easy access to coupling via snap-in-place coupling guards.

ANSI 300# flanged connection.

Extra-durable shaft seal requires no maintenance.

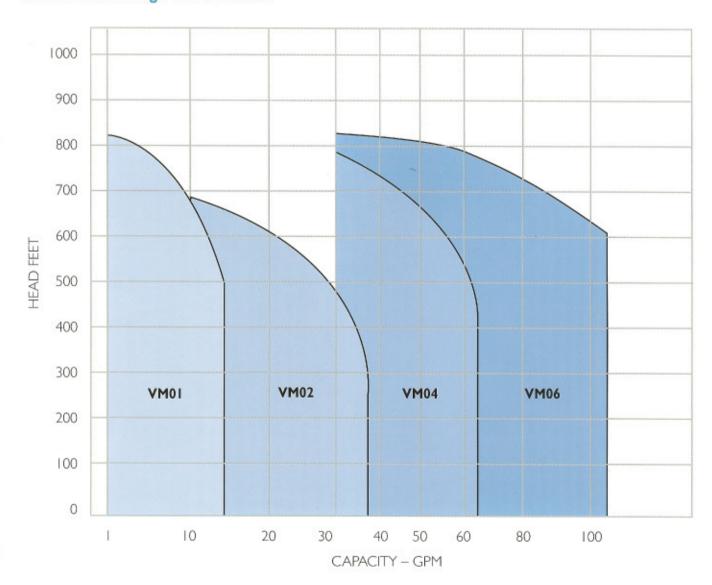
Zinc-plated hardware for corrosion resistance.



Operating Specifications

Models	HPRange	Suction Discharge Size	GPM
VM01	1/2-5	1-1/4"	1.2-20
VM02	1/2-5	1-1/4"	3-40
VM04	3/4-15	2"	5.3-65
VM06	5-25	2"	8.5-115

Vertical MultiStage Performance



Typical Specification

Furnish and install vertical mulitstage radial split case pump(s) with the capacities and characteristics as shown on the plans. Pumps shall be TACO Model VM or approved equal.

All wetted surfaces of the pump shall be stainless steel or cast iron. The pump shall be fitted with replaceable Teflon wear rings to insure alignment and to prevent impeller recirculation. The impeller shall be balanced by design and not require balancing in the field. The impellers shall be 304 stainless steel.

The mechanical seal shall be a single unbalanced type that has a silicon carbide stationary seat and carbon rotating face. The seal housing shall be vented so that air is not trapped in the area directly around the seal.

The pump shaft shall be a splined stainless steel. The shaft intermediate bearing and journal shall be aluminum oxide ceramic and tungsten carbide, respectively and may be water lubricated.

Materials of Construction

Stainless Steel Shaft, Impellers, Diffuser Chambers, Pump Sleeve, Suction Interconnector, Shaft Spacers, Top Spring, Coupling Guard		
Tungsten Carbide	e Intermediate Shaft Journal, Optional Seal Stationary Seat, Optional Seal Rotating Face	
Silicon Carbide Seal Stationary Seat		
Aluminum Oxide Ceramic Intermediate Shaft Bearing		
Teflon Diffuser Chamber Neck Rings		
Carbon Seal Rotating Face		
Cast Iron Motor Bracket, Motor Couplings, Suction and Discharge Chamber		
EPDM Elastomers		
Zinc Plated Steel	Staybolts, Nuts and Washers	

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