WASTECORP Pumps®

Turbo Flow® Dry Prime Pumps

TFV Dry Prime Series

Automatic Self-Priming
Dry Prime Venturi Technology



TURBO FLOW®
TFV DRY PRIME SERIES

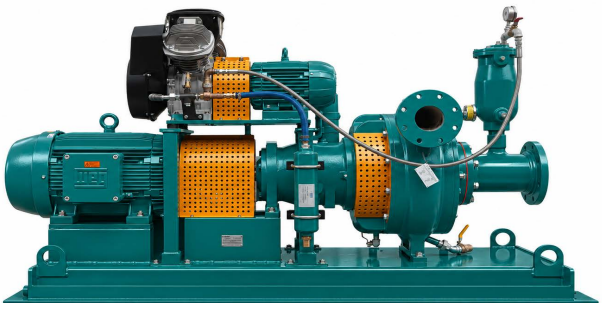
Wastecorp's TFV dry prime pumps are used in a wide range of applications in the Municipal, Agricultural, Oil Gas , Chemical and Industrial sectors . The heavy duty bearing design can be mounted with electric motor's or SAE engine-mount configurations.

Materials of Construction

	Standard Material	Optional
Impeller	CA6NM SS	CD4MCu
Volute	Ductile Iron ASTM A536 65-45-12	CD4MCu
Wear Ring	ASTM A48 Class 40 Gray Iron	316 SS
Suction Cover	Ductile Iron ASTM A536 65-45-12	CD4MCu
Bracket	Ductile Iron ASTM A536 65-45-12	CD4MCu
Backplate	Ductile Iron ASTM A536 65-45-12	CD4MCu
Shaft	17-4 PH Stainless Steel	
Bearings	Open Ball Bearings	
Mechanical Seal	Single Type Seal w/ Tungsten Carbide vs. Silicon Carbide Seal Faces, Viton Elastomers	

OPTIONAL PRIMING SYSTEM

Priming System	Mechanically Driven Diaphragm Style Vacuum Pump
Air Removal Capability	50 CFM
Priming Chamber	Single chamber with stainless steel float ball & linkage.
Discharge Check Valve	Swing Style - ductile iron with Buna-n Disc



ELECTRIC DRIVEN MODEL SHOWN

PERFOMANCE RANGES

Clear Liquid Pumps

Pump Specifications				
MODEL	SIZE	MAX FLOW	MAX HEAD	SOLIDS SIZE
TFV-4x3C	4 x 3 inches	800 USgpm	490 feet	0.5 inches
	100 x 80 mm	180 m³/h	150 metres	10 mm
TFV-4C	4 x 4 inches	900 USgpm	250 feet	0.5 inches
	100 x 100 mm	210 m³/h	80 metres	10 mm
TFV-6x4C	6 x 4 inches	1875 USgpm	350 feet	1 inches
	150 x 100 mm	425 m³/h	107 metres	25 mm
TFV-6C	6 x 6 inches	2,700 USgpm	320 feet	1 inches
	150 x 150 mm	620 m³/h	100 metres	25 mm
TFV-8x6C	8 x 6 inches	4,400 USgpm	310 feet	1 inches
	200 x 150 mm	1010 m³/h	90 metres	25 mm
TFV-10x8C	10 x 8 inches	5250 USgpm	860 feet	1.1 inches
	250 x 200 mm	1200 m³/h	260 metres	28 mm
TFV-10C	10 x 10 inches	6,000 USgpm	310 feet	1.3 inches
	250 x 250 mm	1380 m³/h	90 metres	30 mm
TFV-12C	12 x 12 inches	11,000 USgpm	300 feet	2.3 inches
	300 x 300 mm	2530 m³/h	90 metres	60 mm

Solids Handling Pumps

Pump Specifications				
MODEL	SIZE	MAX FLOW	MAX HEAD	SOLIDS SIZE
TFV-4S	4 x 4 inches	1,700 USgpm	150 feet	3 inches
	100 x 100 mm	390 m³/h	50 metres	76 mm
TFV-6x4S	6 x 4 inches	3,000 USgpm	490 feet	3 inches
	150 x 100 mm	690 m³/h	150 metres	76 mm
TFV-6S	6 x 6 inches	3,600 USgpm	300 feet	3 inches
	150 x 150 mm	830 m³/h	90 metres	76 mm
TFV-8x6S	8 x 6 inches	4875 USgpm	625 feet	3 inches
	200 x 150 mm	1120 m³/h	190 metres	76 mm
TFV-8S	8 x 8 inches	4,500 USgpm	200 feet	3 inches
	200 x 200 mm	1040 m³/h	60 metres	76 mm
TFV-10x8S	10 x 8 inches	6,500 USgpm	450 feet	3.5 inches
	250 x 200 mm	1500 m³/h	140 metres	90 mm
TFV-12x8S	12 x 8 inches	12,000 USgpm	720 feet	3 inches
	300 x 200 mm	2760 m³/h	220 metres	76 mm
TFV-12S	12 x 12 inches	9,500 USgpm	325 feet	3.75 inches
	300 x 300 mm	2190 m³/h	100 metres	90 mm

Specifications and illustrations are subject to revision without notice. Wastecorp makes no representation regarding the completeness or accuracy of this information and is not liable for any consequential, incidental or indirect damages relating to these specifications.

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