



**MOTOR DRIVEN**



**TRIPLEX HI-FLOW RANGE | FOR INTERNATIONAL & US MARKETS**

ITT FLOJET Triplex High Flow Series pumps are designed for a wide range of applications and are constructed from a selection of materials suitable for handling a broad range of chemicals. The Triplex High Flow pumps are self-priming and can run dry without harm.

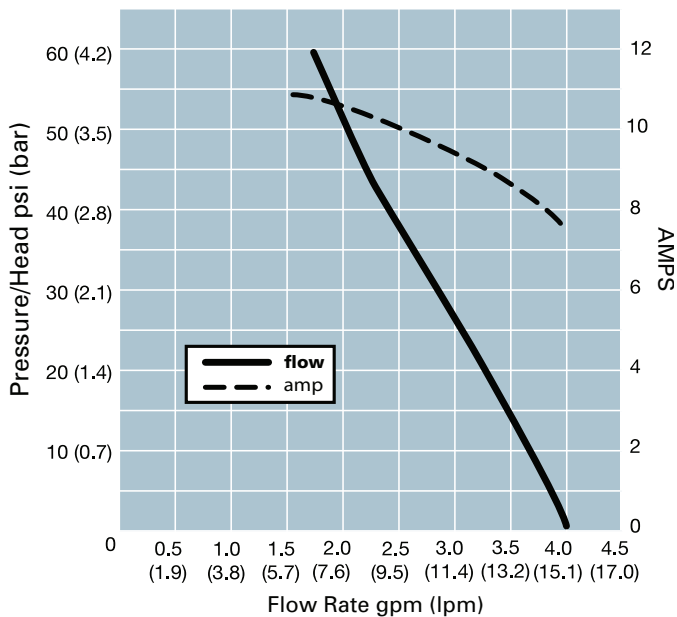


**SPECIFICATIONS**

Pump Design	3 chamber diaphragm
Motor Design	Permanent magnet DC
Voltages	12, 24 VDC, 110VAC, 230VAC
Pump Rating	IP 54 (splash proof)
Amp Draw	5 amps @ 10 psi for 12 VDC 3 amps @ 10 psi for 24 VDC 9 amps @ 10 psi for 12 VDC 6 amps @ 10 psi for 24 VD 9 amps @ 40 psi for 12 VDC 6 amps @ 40 psi for 24 VDC
Pump Head	Polypropylene
<b>ELASTOMERS</b>	
Diaphragm	Santoprene™
Check valves	Viton, EPDM
Max. Flow Rate	4 GPM (15.1 LPM)
Max. Pressure	60 psi (4.1 bar) switch cutoff 50 psi (3.4 bar) max running pressure
Max. Liquid Temp	40° F (4° C) Min*, 140° F (60° C) Max*
Duty Cycle	Intermittent**
Weight	5.05 lbs ( 2.29 kg) max.
Wiring Options	Standard 18 AWG leads
Port Size inlet / outlet	3/4" (19 mm), 3/8" NPTF

**PERFORMANCE**

**HEAD-FLOW CURVE (12 & 24 VDC)**



\* Consult your local ITT Flojet representative for higher fluid temperature options  
\*\* Consult your local ITT Flojet representative for continuous duty application

INST. SHEET #81000-417

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**MODELS**

MODEL #S	CE	VOLTAGE	SWITCH PSI (BAR)	BYPASS PSI (BAR)	DIAPHRAGM	CHECK VALVE	OPEN FLOW GPM (LPM)	MOTOR SIZE	FITTINGS
03521134	R3521134	12V	50 (3.4)	Yes	Santoprene	Viton	3.0 (11.3)	59mm Light Duty	1/2" HB ST
03521139	R3521139	12V	60 (4.1)	Yes	Santoprene	Viton	4.0 (15.1)	3"	1/2" HB ST
03521144	R3521144	12V	50 (3.4)	Yes	Santoprene	EPDM	3.0 (11.3)	59mm Light Duty	1/2" HB ST
03521149	R3521149	12V	60 (4.1)	Yes	Santoprene	EPDM	4.0 (15.1)	3"	1/2" HB ST
03521334	R3521334	24V	50 (3.4)	Yes	Santoprene	Viton	3.0 (11.3)	59mm Light Duty	1/2" HB ST
03521339	R3521339	24V	60 (4.1)	Yes	Santoprene	Viton	4.0 (15.1)	3"	1/2" HB ST
03521344	R3521344	24V	50 (3.4)	Yes	Santoprene	EPDM	3.0 (11.3)	59mm Light Duty	1/2" HB ST
03521349	R3521349	24V	60 (4.1)	Yes	Santoprene	EPDM	4.0 (15.1)	3"	1/2" HB ST
03521034	R3521034	110VAC	60 (4.1)	Yes	Santoprene	Viton	3.0 (11.3)	3"	1/2" HB ST
03521039	R3521039	110VAC	60 (4.1)	Yes	Santoprene	Viton	4.0 (15.1)	3"	1/2" HB ST
03521044	R3521044	110VAC	60 (4.1)	Yes	Santoprene	EPDM	3.0 (11.3)	3"	1/2" HB ST
03521049	R3521049	110VAC	60 (4.1)	Yes	Santoprene	EPDM	4.0 (15.1)	3"	1/2" HB ST
03521234	R3521234	230VAC	60 (4.1)	Yes	Santoprene	Viton	3.0 (11.3)	3"	1/2" HB ST
03521239	R3521239	230VAC	60 (4.1)	Yes	Santoprene	Viton	4.0 (15.1)	3"	1/2" HB ST
03521244	R3521244	230VAC	60 (4.1)	Yes	Santoprene	EPDM	3.0 (11.3)	3"	1/2" HB ST
03521249	R3521249	230VAC	60 (4.1)	Yes	Santoprene	EPDM	4.0 (15.1)	3"	1/2" HB ST

**DIMENSIONAL DRAWING**

UNLESS OTHERWISE STATED DIMENSIONS IN [ ] ARE IN MM.

