

MOTOR DRIVEN



TRIPLEX HI-FLOW RANGE | FOR INTERNATIONAL & US MARKETS

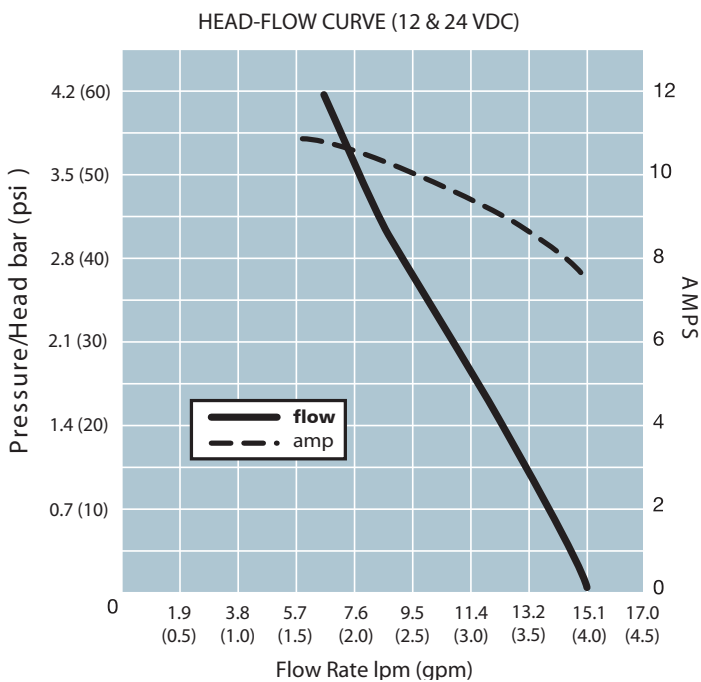
ITT FLOJET Triplex High Flow Series pumps are designed for a wide range of applications and are constructed from a selection of materials suitable for handling a broad range of chemicals. The Triplex High Flow pumps are self-priming and can run dry without harm.



SPECIFICATIONS

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

PERFORMANCE



* 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 | VOLTAGE | SWITCH BAR (PSI) | SWITCH BAR (PSI) | DIAPHRAGM | CHECK VALVE | OPEN FLOW LPM (GPM) | MOTOR SIZE | FITTINGS |
|----------|---------|------------------|------------------|------------|-------------|---------------------|-----------------|------------|
| R3521134 | 12V | 3.4 (50) | Yes | Santoprene | Viton | 11.3 (3.0) | 59mm Light Duty | 1/2" HB ST |
| R3521139 | 12V | 4.1 (60) | Yes | Santoprene | Viton | 15.1 (4.0) | 3" | 1/2" HB ST |
| R3521144 | 12V | 3.4 (50) | Yes | Santoprene | EPDM | 11.3 (3.0) | 59mm Light Duty | 1/2" HB ST |
| R3521149 | 12V | 4.1 (60) | Yes | Santoprene | EPDM | 15.1 (4.0) | 3" | 1/2" HB ST |
| R3521334 | 24V | 3.4 (50) | Yes | Santoprene | Viton | 11.3 (3.0) | 59mm Light Duty | 1/2" HB ST |
| R3521339 | 24V | 4.1 (60) | Yes | Santoprene | Viton | 15.1 (4.0) | 3" | 1/2" HB ST |
| R3521344 | 24V | 3.4 (50) | Yes | Santoprene | EPDM | 11.3 (3.0) | 59mm Light Duty | 1/2" HB ST |
| R3521349 | 24V | 4.1 (60) | Yes | Santoprene | EPDM | 15.1 (4.0) | 3" | 1/2" HB ST |

DIMENSIONAL DRAWING

UNLESS OTHERWISE STATED DIMENSIONS IN [] ARE IN MM.

