



Triplex Series High Pressure Pump

Triplex High Pressure 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 Pressure diaphragm pumps are self-priming and can run dry without harm. They are intended for intermittent duty cycles but can be run continuously for short periods of time. Typical uses include transfer, delivery, spraying, cooling, filtration, dispensing, and pressure boosting.

APPLICATIONS

Beverage:

- Water Booster
- Water Purification
- Espresso Brewing
- Carbonation

SPECIAL FEATURES

- Available pressures up to 150 psi (10.3 bar)
- Pump is sealed in corrosion resistant material, thus offering unparalleled performance and life
- Bypass System eliminates pulsation and cycling
- Latest co-injection mold diaphragm technology reduces potential leak paths
- No metal parts on wetted area

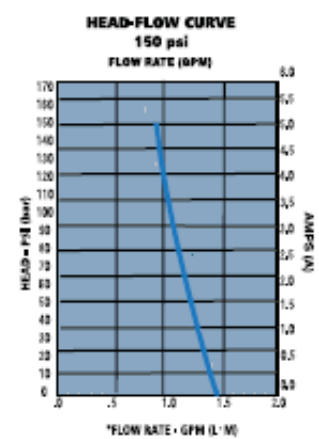
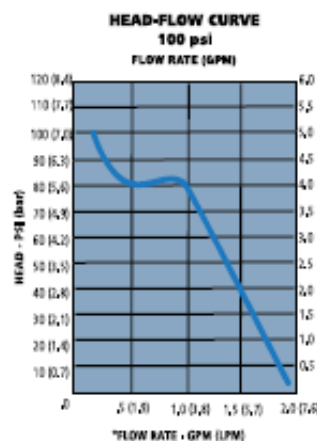
STANDARD MODEL NUMBERS

Part Number	Description
03710-042	115 V AC 100 psi (6.9 bar), 1.4 GPM (5.3 lpm)
R3710-242	230 V AC 100 psi (6.9 bar) 1.4 GPM (5.3 lpm)
03810-042A	115 V AC, 150 psi (10.4 bar) 1.4 GPM (5.3 lpm)
R3810-242	230 V AC, 150 psi (10.4 bar) 1.4 GPM (5.3 lpm)

SPECIFICATIONS

Pump Design:	Motor operated 3 chamber diaphragm
Motor Design	Permanent magnet (TENV) totally enclosed non ventilated (PMDC) AC:
Voltages:	115, 230V AC
Cycles:	50 / 60 Hz
Amp Draw:	0.95 amps max for 115V AC
Pump Head:	Glass filled Nylon, Elastomer, Diaphragm, Santoprene™
Check Valves:	EPDM
Max. Flow Rate:	1.4 GPM (5.3 lpm)
Max. Pressure:	150 psi (10.3 bar) switch cutoff@, 140 psi (9.7 bar) max running pressure
Duty Cycle:	Intermittent*
Weight:	7.6 lb (3.5 kg) max
Wiring Options:	Standard 18" (46 cm) leads, 6ft. (2m) cord available for AC
Port size inlet / outlet:	3/8" NPTF
Approvals:	NSF Components, UL, CE
Warranty:	1 Year

Note: If inlet exceeds 30 PSI, pump requires 30 PSI water pressure regulator. See page 11.



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