HIGH FLOW PUMPS | TRANSFER PUMPS



550 SERIES

Aquatec's 550 Series delivers powerful flow rates up to 5.5 GPM/21 LPM at pressures up to 80 PSI/5.5 Bar. Our patented 5-chamber diaphragm and piston design allows these pumps to operate at exceptionally quiet noise levels and with minimal pulsations.

Like our smaller, 3-chamber 5800/7800 Series, these pumps are designed for intermittent duty, though most models can be run continuously for hours at a time. These pumps are commonly used either to pressurize water from an atmospheric tank, to deliver purified water to a specific point of use, or simply to increase pressure when required.

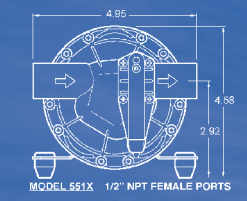
These pumps can either be controlled by a pressure switch ("demand" mode) or an external power control device ("delivery" mode). When required, an integrated bypass can be incorporated to help regulate pressure levels.

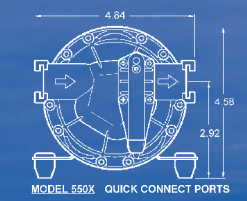
TYPICAL APPLICATIONS

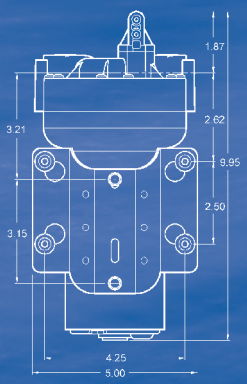
Water Vending
General Industrial
Agricultural Spraying(*)
Alternative Energy/Solar

(*) See sample data sheet at right for model number 5513-1E77-M638, a popular, specially sealed agricultural pump

***FULL RANGE CAPABILITIES FOR 550 MODELS ARE .5 GPM TO 6.0 GPM, 80 PSI MAXIMUM**



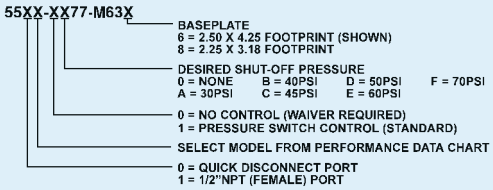




PERFORMANCE DATA

DISCHARGE	PUMPHEAD							
PRESSURE	55X0		55X1		55X2		55X3	
(PSI)	FLOW (GPM)	CURRENT (AMPS)	FLOW (GPM)	CURRENT (AMPS)	FLOW (GPM)	CURRENT (AMPS)	FLOW (GPM)	CURRENT (AMPS)
70	1.10	7.20	1.80	11.20	2.50	15.00	3.00	18.00
60	1.25	7.00	2.00	10.50	2.65	14.00	3.20	16.30
50	1.40	6.60	2.10	9.50	2.80	12.80	3.55	14.60
40	1.60	6.20	2.30	8.50	3.00	11.20	3.80	13.00
30	1.80	5.20	2.50	7.20	3.25	9.80	4.10	11.00
20	2.10	4.60	2.75	5.80	3.50	8.00	4.50	9.00
10	2.40	3.60	3.05	4.60	3.90	6.20	4.90	7.00
OPEN	2.75	2.50	3.35	3.20	4.25	5.00	5.30	5.50

COMPLETING THE PART NUMBER:



TECHNICAL SPECIFICATIONS:

POWER:	Available motors from 12VDC to 230VAC, energy requirements between 50W-200W (depending on flow, pressure). Can be used with compatible transformers and/or DC power supplies, to be ordered separately. Standard terminations are 12", stripped end AWG leadwires, with connectors and power cords also available
ENVELOPE DIMENSIONS::	Approximately 4"x 5"x 8", weighing 8 lbs
MOUNTING:	All positions. Standard offering is a steel mounting base with four hollow rubber grommets
CONTROL OPTIONS:	Internal Bypass (20-100 psi), Pressure Switch (40-70 psi)
FITTINGS:	Pumphead options include 3/4"openings (for use with 3/8", 5/8", 1/2", and 3/4" hose barb, quick connect fittings), and 1/2" NPT female ports, and John Guest 1/2" and 3/8" fittings. For additional information on fittings, please refer to page 21.