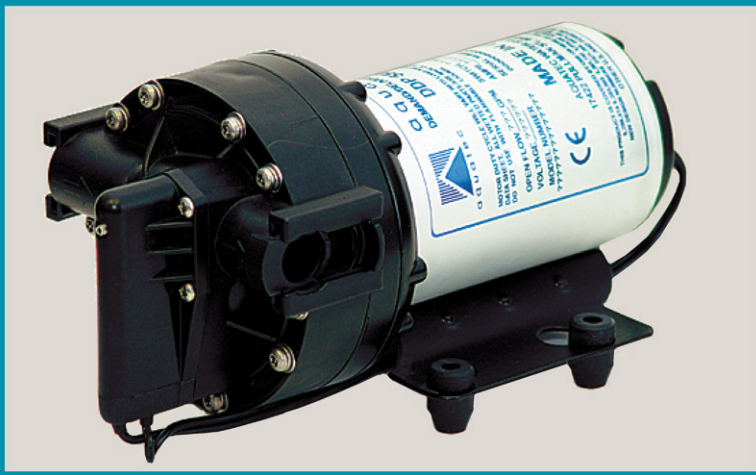


DIAPHRAGM PUMPS

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.

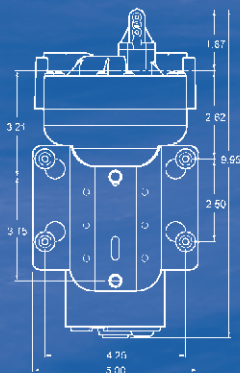
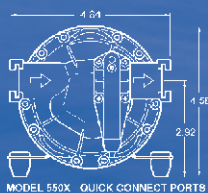
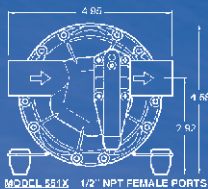
Like our smaller, 3-chamber 5800/7800 Series, these pumps are designed for intermittent duty, though most models can be run continuously for hours at a time. These pumps are commonly used either to pressurize water from an atmospheric tank, to deliver purified water to a specific point of use, or simply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

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



PERFORMANCE DATA

DISCHARGE PRESSURE (PSI)	PUMPHEAD MODEL							
	55X0		55X1		55X2		55X3	
	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:

55XX-XX77-M63X

BASEPLATE
 8 = 2.50 X 4.25 FOOTPRINT (SHOWN)
 8 = 2.25 X 3.18 FOOTPRINT
 DESIRED SHUT-OFF PRESSURE
 0 = NONE B = 40PSI D = 50PSI F = 70PSI
 A = 30PSI C = 45PSI E = 60PSI
 0 = NO CONTROL (WAIVER REQUIRED)
 1 = PRESSURE SWITCH CONTROL (STANDARD)
 SELECT MODEL FROM PERFORMANCE DATA CHART
 0 = QUICK DISCONNECT PORT
 1 = 1/2" NPT (FEMALE) PORT

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 leadwires. Connectors and power cords are 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.