

DIAPHRAGM PUMPS

HIGH FLOW PUMPS | TRANSFER PUMPS

550 SERIES

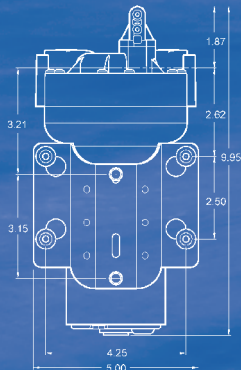
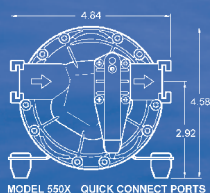
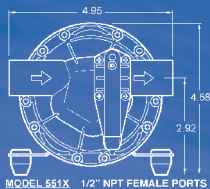


TYPICAL APPLICATIONS

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**



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.

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:

55XX-XX77-M63X

- BASEPLATE
 - 6 = 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 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.

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