



MARCH PUMPS

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802 & 851 DUAL END PUMPS



MODEL 802
 ASS'Y NO. 0802-0036-0700



MODEL 851
 ASS'Y NO. 0851-0001-0100

RATINGS & SPECIFICATIONS

MODEL	Max Flow* (GPM)	Max Head (in ft.)	Inlet (O.D.)	Outlet (O.D.)	MOTOR							Max Overall Dimensions			Pack Wt.
					HP	RPM	Volts	Hz	Type	Watts	Amps	Ht.	Wd.	Lg.	
802	8	16.5	1/2"	1/2" Smooth	1/8	3450	230	50/60	Permanent Split Capacitor	180	0.84	6-1/4"	4-1/2"	10-1/2"	11.5 lbs
851	8	20.0	5/8"		5"	12"									

*At one foot head. Ratings are for each pump head. For total capacity, double the GPM.

PUMP CONSTRUCTION: Dual end pumps are centrifugal magnetic drive pumps, eliminating the need for a shaft seal. All parts can be easily serviced and replaced in the field if necessary. By removing the 4 wing nuts or 4 screws the entire pump can be disassembled. See the Parts List for necessary replacement items.

PUMP MATERIALS: The plastic parts are molded out of glass filled polypropylene and Kynar. The stationary impeller spindle is ceramic on Model 851. The "O" rings are Viton or Ethylene Propylene rubber. There is a type 316 stainless or ceramic thrust washer and thrust screw. The magnet is a glazed ceramic.

ELECTRICAL & OPERATION: Motors are 230V 50/60Hz, 1 phase A.C. Motors are thermal overload protected and are U.L. recognized. The black and white lead should be connected to your power source. The green lead must be connected to the ground. Pumps are not self-priming and will not produce a suction lift and must be installed with a positive flooded suction. The pumps should not be run dry for more than 60 seconds as the plastic impeller will squeal and bind onto the stationary spindle.

PARTS LIST 802 & 851

#	802 DESCRIPTION	QTY.	PART #	#	851 DESCRIPTION	QTY.	PART #
1	Motor, 230V	1	0802-0001-1000	16	Motor, 230V	1	0802-0001-1000
2	Bracket (Motor) & 1-3/8" Screw Assembly	2	0130-0017-0100	17	Bracket (Motor) & 2-1/4" Screw Assembly	2	0130-0017-0400
3	Drive Magnet Assembly	2	0135-0126-0200	18	Drive Magnet Assembly	2	0130-0043-0300
4	Impeller Magnet Housing W/Shaft	2	0802-0043-1000	19	Pump Housing	2	0851-0001-1000
5	Pump Housing R.H.	1	0802-0023-1000	20	Cover, Housing	2	0851-0002-1000
6	Pump Housing L.H.	1	0802-0024-1000	21	"O" Ring, Housing (Viton)	2	0851-0006-1000
7	"O" Ring, Housing (Ethylene Propylene)	2	0750-0053-1000	22	Impeller & Magnet Assembly	2	0851-0026-0200
8	Impeller & Magnet Assembly	2	0135-0043-0100	23	Shaft, Impeller (Ceramic)	2	0130-0024-1000
9	Thrust Washer	2	0802-0057-1000	24	Thrust Washer (Ceramic)	2	0130-0028-1000
10	Thrust Screw (Stainless Steel)	2	0135-0042-1000	25	Screws, Pump Housing	8	0851-0005-1000
11	Screws, Housing to Bracket	8	0802-0010-1000	26	Motor Capacitor (for spare part only)	1	0925-0002-1000
12	Wing Nuts, Pump Housing	8	0802-0009-1000	27	Lock washer	6	0802-0006-1000
13	Motor Capacitor (for spare part only)	1	0925-0002-1000	28	Nut (Hex)	6	0802-0008-1000
14	Lock washer	6	0802-0006-1000				
15	Nut (Hex)	6	0802-0008-1000				

Contact factory for other materials and/or parts not listed.

LIMITED WARRANTY: March pumps are guaranteed only against defects in workmanship or materials for a period of one year from date of manufacture pumping water.