



# M-419

Ref. No.	Part No.	Description	No. Req.
1	00986	VALVE, 2 Way - 2 Position N.C. 110 VAC	1
2	00290	• COIL, 110 VAC	1
3	00264	• CARTRIDGE, 2 Way - 2 Position N.C. 110 VAC	1
4	00121	•• PARTS KIT, 2 Way - 2 Position, cartridge	1
5	*****	MOTOR, Electric, 5/8" shaft, AC (consult factory)	1
6	01139	COUPLING, 5/8"Bore 3/16"Keyway(motor side)	1
7	01141	COUPLINGSPIDER	1
8	18001	COUPLING, 7/16" Bore	1
9	07760	SCREW, Socket Head Cap 1/4-20 x 1" (use with 1605 permanent casting housing)	4
	07745	SCREW, Socket Head Cap 1/4-20 x 2" (use with 1605 sand casting housing)	4
	07818	SCREW, Socket Head Cap 1/4-20 x 3" (use with 1615 housing)	4
10	07817	SCREW, Hex Head Cap 3/8-16 x 7/8"	4
11	01605	HOUSING, Pump/Motor Adapter(2-5/32" long)	1
	01615	HOUSING, Pump/Motor Adapter(3-11/32" long)	1
12	12464	BASE ASSEMBLY, Modular	1
13	07526	• PARTS KIT, Valve Assembly, poppet/ball check	1
14	02349	• PLUG, 3/4-18 Flush Pipe	1
15	03766	• PARTS KIT, Relief Valve	1
16	02352	• O-RING, Industrial (3-5/8" x 3-7/8" x 1/8")	1
17	00120	• O-RING, Industrial (1/2" x 5/8" x 1/16")	1
18	13059	TUBE, Return (1/8 NPT)	1

Ref. No.	Part No.	Description	No. Req.
19	01085	BUSHING, Reducer	1
20	13058	TUBE, Return (1/8 NPT)	1
21	K12172-150	PUMP ASSEMBLY, Modular	1
	K12172-200	PUMP ASSEMBLY, Modular	1
	K12172-250	PUMP ASSEMBLY, Modular	1
	K12172-270	PUMP ASSEMBLY, Modular	1
	K12172-330	PUMP ASSEMBLY, Modular	1
	K12172-380	PUMP ASSEMBLY, Modular	1
	K12172-510	PUMP ASSEMBLY, Modular	1
22	07819	• SCREW, 1/4-20 x 2 3/4 Socket Head Cap (For Pump Assembly -150 & -200)	4
	07818	• SCREW, 1/4-20 x 3 Socket Head Cap (For Pump Assembly -250, -270, -330, -380)	4
	07837	• SCREW, 1/4-20 x 3 1/4 Socket Head Cap (For Pump Assembly -510)	4
23	01209	TUBE, Filter, suction 3/8 NPT 90 Deg	1
24	01134	SCREEN, Filter (suction)	1
25	01143	PLUG, Vent (plastic)	1
26	06878	RESERVOIR, 6" Dia. x 9", 217 in <sup>3</sup> usable	1
	06879	RESERVOIR, 6" Dia. x 13-1/2", 301 in <sup>3</sup> usable	1
	06880	RESERVOIR, 6" Dia. x 18", 433 in <sup>3</sup> usable	1
27	01108	PLUG, Square Head, 1/4 NPT	1
28	07703	SCREW, Thread Forming 10-24 x 3/8"	6
29	06881	RESERVOIR, 10" x 10" x 10", 693 in <sup>3</sup> usable	1
	06882	RESERVOIR, 10" x 12" x 12", 1155 in <sup>3</sup> usable	1
	06883	RESERVOIR, 10" x 14" x 14", 1386 in <sup>3</sup> usable	1
30	01479-10.00	TUBE, Return (1/8 NPT)	2
31	01459-07.75	TUBE, Filter Suction 3/8 NPT (plastic)	1
32	01436	GAUGE, Sight-Temperature	1



U.S.A.:  
**MONARCH HYDRAULICS, INC.**  
 P.O. Box 1764, Grand Rapids, Michigan 49501-1764, U.S.A.  
 Telephone: (616) 458-1306  
 Telefax: (616) 458-1616  
<http://www.monarchhyd.com>

CANADA:  
**FLUID-PACK INTERNATIONAL LIMITED**  
 A Part of the Monarch Hydraulics Group  
 460 Newbold St., London, Ontario, Canada N6E 1K3  
 Telephone: (519) 686-5900  
 Telefax: (519) 686-8976