Shipping Weight 71/2 # 3,4 Kg. 17590-0001

17590-0001 Pedestal Mounted 17430-0001 Motor Pump Unit

Body:

Epoxy Plastic

Impeller:

Neoprene, Nitrile or Viton

Shaft Seal:

Mechanical

Ports:

1/2" I.P.T.

Shaft:

Corrosion Resistant Steel with Epoxy Drive Sleeve in Contact with

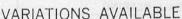
Motor:

115 volt AC, 1/2 H.P., 1725 RPM, 60 cycle, overload protected, capac-

(MDL 17430-0001)

itor start, totally enclosed. Fan

cooled. Three-prong grounded plug.



Model	Description	Part No.	Qty. Reg	
17590-0003	Model 17590-0001 with Nitrile Impeller Impeller	14281-0003	1	
17590-0004	Model 17590-0001 with Viton Impeller, Seal & "O" Ring Impeller Seal "O" Ring	14806-0004 96080-0290 92000-0880	1 1 2	

Model	Model Description		Qty. Reg.	
17590-0003	Model 17590-0001 with Nitrile Impeller Impeller	14281-0003	1	
17590-0004	Model 17590-0001 with Viton Impeller, Seal & "O" Ring Impeller Seal	14806-0004 96080-0290 92000-0880	1 1 2	

Shipping Weight 331/2# 15,2 Kg. 17430-0001

NOTE: For 17430-0001 Motor Pump Unit, same variations available.

APPLICATION & OPERATING INSTRUCTIONS

Designed for: "transfers," "circulation," "spill returns," "filtration" and "filling line" use. Easily handles pure solutions, foaming liquids; emulsions, suspended solids, gels and ferments. Because the plastic pump is resistant to corrosion and metallic contamination it is widely used for pumping photo chemicals, plating compounds, lab solutions, pharmaceuticals, cosmetics, weak acids, alkalies, liquid fertilizers, insecticides, dyes, detergents, waxes and many more. There is no pump metal part in contact with the fluid. See the JABSCO Pump "Chemical Resistance Table" which has been prepared to help you select the most suitable impeller and pump material.

- 1. INSTALLATION Pedestal Mounted Pump may be mounted in any position. The rotation of the pump shaft determines the location of the pump's intake and discharge ports. Refer to end cover. Before starting, turn the pump shaft in the direction of the operating rotation.
- 2. DRIVE Belt or direct with flexible coupling for pedestal mounted unit. Clearance should be left between drive shaft and pump shaft when installing coupling. Always mount pump and align drive shaft before tightening the coupling set screw.
- 3. SPEEDS Pedestal Mounted Pump - 100 RPM to the maximum shown in the performance table. For longer pump life, operate at lowest possible speeds.
- 4. SELF-PRIMING Primes at low or high speeds. For vertical dry suction lift of 15 feet, a minimum of 1750 RPM is required. Pump will produce suction lifts up to 22 feet when wetted. BE SURE SUCTION LINES ARE AIR TIGHT OR PUMP WILL NOT SELF PRIME.
- RUNNING DRY Unit depends on liquid pumped for lubrication. DO NOT RUN DRY FOR MORE THAN 30 SEC-

JABSCO PRODUCTS

PARTS LIST

KEY	DESCRIPTION	QTY. REQ.	PEDESTAL VERSION MODEL 17590 PART NO.	QTY. REQ.	MOTOR PUMP UNITS MODEL 17430 PART NO.
1	WING NUT	4	91107-0030	4	91107-0030
2	WASHER	12	91601-0040	4	91601-0040
3 .	STUD	2	91090-0120		
4	STUD	2	91090-0040	2	91090-0040
5	END COVER	1	17434-0000	1	17434-0000
6	IMPELLER — NEOPRENE — NITRILE — VITON	1	14281-0001 14281-0003 14806-0004	1	14281-0001 14281-0003 14806-0004
7	'O' RING — STANDARD — VITON	2	92000-0310 92000-0880	2	92000-0310 92000-0880
8	BODY	1	14924-0000	1	14924-0000
9	SEAL HOUSING	1	14533-0010	1	14533-0010
*10	SEAL ASSEM. STANDARD (CARBON/CERAMIC) VITON	1	96080-0280 96080-0290	1	96080-0280 96080-0290
11	DRIVE SLEEVE	1	17006-0000	1	17006-0000
12	BEARING SEAL	2	00496-0000		
13	RETAINING RING	2	91700-2500		
14	BALL BEARING	2	92600-0120		
15	BEARING HOUSING	1	01269-0000		
16	HEX NUT	2	91085-0050		
17	BOLT	2	91095-0240	2	91095-0240
18	SHAFT	1	17597-0000		
19	KEY	1	91402-0110		
20	ADAPTOR			1	17433-0000
21	BOLT			2	91094-0120
22	COLLAR			1	98022-0700
23	MOTOR			1	93004-1850
24	NUT - ADAPTOR			1	91105-0030
25	BOLT - ADAPTOR			1	91095-0090

* Available as optional part — Seal Assembly Carbon/Carpenter 20 Standard-17221-0050 Viton---17221-0040 Carbon/Carpenter 20

PUMP HEAD ONLY FOR MOTOR PUMP UNIT - NEOPRENE IMPELLER - 17438-0001

- NITRILE IMPELLER - 17438-0003

- 17438-0004

