

**50 HERTZ
INSTALLATION, OPERATION,
SERVICE & REPAIR PARTS MANUAL**

**RED JACKET
“Extracta”[®] Remote Gasoline Pumps
Models BP75S3-3 & BP150S3-3**

This warranty is a LIMITED warranty. Anything in the warranty notwithstanding, IMPLIED WARRANTIES FOR PARTICULAR PURPOSE AND MERCHANTABILITY SHALL BE LIMITED TO THE DURATION OF THE EXPRESS WARRANTY. MANUFACTURER EXPRESSLY DISCLAIMS AND EXCLUDES ANY LIABILITY OF CONSEQUENTIAL OR INCIDENTAL DAMAGES FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY.

WARRANTY

In the continental U.S. Marley Pump Company (the manufacturer) warrants to the original purchaser (defined as end user) of each of the Manufacturer's product(s) that any part thereof which proves to be defective in material or workmanship within 18 months from manufacture date will be replaced at no charge with a new or remanufactured part, F.O.B. factory; except for those products used in solvents. The warranty period will be limited to 6 months from date of manufacture for any product used in solvents. For international markets, local distributor contracts with the manufacturer shall outline warranty policies and procedures in those areas. Any item(s) designated as manufactured by others shall be covered only by the express warranty of the manufacturer thereof. This warranty does not apply when damage is caused by sand or abrasive materials, improper voltage supply, alteration, lightning, careless handling, misuse, abuse or failure to follow maintenance or operating instructions.



Marley Pump

ELECTRICAL SERVICE INFORMATION

Model	HP	Volts		Max. Load Amps	Locked Rotor Amps	Winding Resistance (Ohms)		
		Min.	Max.			BLU-BLK	BRN-BLK	BLU-BRN
BP75S3-3	3/4	200	250	5.8	18.6	4.3 - 5.2	11.5 - 13.7	15.8 - 18.9
P150S3-3 Manufactured After March 1, 1989								
BP150S3-3	1-1/2	200	250	10	30	3.0 - 3.7	8.7 - 10.5	11.7 - 14.2

All installation work must comply with local code requirements. If no other codes apply, the latest issue of the National Electrical Code should be followed.”

READ THIS SECTION BEFORE PROCEEDING

1. Red Jacket gasoline pumps are designed to pump gasoline or diesel fuels only, having a maximum specific gravity of .95 and maximum viscosity of 70 S.S.U. at 60°F. Red Jacket bears no responsibility if the installation is outside these parameters.
2. Units should be installed with manholes or with the packer head above grade to allow for ease in servicing (refer to page 7).
3. Unit is cooled and lubricated by product pumped. Minimum flow required is 10% of maximum capability (BP75S3-3; 6 GPM; BP150S3-3, 8 GPM).

Never wire a submersible pump to run continuously at less than minimum flow rate. The units are designed to operate continuously at or above minimum flow rate, or with an intermittent duty cycle, not to exceed 20 on/off cycles per hour. Should it be necessary to operate a unit continuously, a bypass pipe should be installed in the piping to allow for continual product recirculation back into the storage tank. A gate valve or some type of throttling device should be installed in the bypass piping to insure that the minimum flow rate is being pumped at all times.

4. Red Jacket gasoline pumps are not designed to handle abrasives or foreign particles in the product being pumped.
5. Product temperature must never exceed 30 ° C (85°F) as the submersible motors are equipped with thermal overload protector.
6. Pumping water will overload the motor and damage the bearings.
7. Red Jacket gasoline pumps are designed for Class I Group D atmosphere.
8. “BP” models include socket head pipe plugs and other features not pictured.
9. The pump units are only to be used in a vertical attitude.

PARTS LIST

Key No.	BP75S3-3 BP150S3-3 Part No.	Part Description
1	066-790-3	Plug, 1-1/4"
2	017-165-1	Diaphragm
3	066-791-3	Plug, 2"
4	026-176-1	Screw, 3/8 -16 x 3/4 Lg.
5	188-241-5	Syphon Check Valve Assy.
6	141-397-5	Functional Element Assy. with "O" Rings
7	027-031-1	Galv. Steel Pipe Plug
8	080-125-1	Check Valve Spring
9	188-238-4	Check Valve Assembly
10	172-003-5	Functional Element "O" Ring Kit
11	113-507-5	Capacitor Cover w/O-Ring
12	072-190-1	"O" Ring Capacitor Cover
13	113-098-5	Capacitor Clip
15	111-092-5	Capacitor, 440V, 17.5 MFD
15A	111-661-5	Capacitor, 440V, 25 MFD
16	113-491-5	Connector, Male, 2-Pin, w/Retaining Ring
17	313-017-5	Connector Yoke Assembly
18	176-033-5	Connector Plug Assembly
19	026-205-1	Screws, 1/2-13 x 1-1/4 Lg.
20	108-562-5	Conduit Junction Box
21	151-045-4	Manifold Assembly
22	164-141-4	Packer Sub Assembly
23	076-382-1	Packer Discharge O-Ring
24	072-189-1	O-Ring, Packer/Manifold
25	065-798-3	Riser Pipe (Specify Length)
26	144-176-5	Connector Pigtail Kit, 13 Ft.
26A	144-177-5	Connector Pigtail Kit, 17 Ft.
27	026-355-3	Screw, Socket Head, 5/16 - 18 x 7/8
	026-106-1	Washer, Lock, 5/16
28	031-136-1	Gasket, Discharge Head
29	852-086-5	UMP, Pkg, Repair, 3/4 Hp
	852-087-5	UMP, Pkg, Repair, 1-1/2 HP
30	136-056-5	Head, Discharge Assy
N/S	144-192-5	Syphon Retrofit Kit
N/S	144-087-5	Conduit Seal Assembly



by  **VEEDER-ROOT**

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