

Specifications

Waste Oil Pump

Webster®
Fuel Pumps & Valves



Rotation: (As viewed from shaft end):
Clockwise (D Style).

Porting:

- 1/8" NPTF, side located nozzle port.
- 1/8" NPTF, top located gauge port.
- 1/4" NPTF, bottom and cover located inlet ports and bottom located return port.
- Bypass plug accessible through the side located bleed port plug assembly.
- 3/8" flow through bleed valve.

Elastomers:

VITON shaft seal.
All other seals are VITON.

Mounting:

2 bolt flange - see interface dimensions.

Weight:

4 lbs., 2 oz., shipped oil-filled.

Nozzle Location:

(As viewed from shaft end):
Clockwise (D Style) - Right side.

Shaft:

5/16" dia., 1.65" extension from mounting face, with keyless "D" drive.

NOTE: To assure compliance with National Fire Protection Association Bulletin 31, "Installation of Oil Burning Equipment", fuel unit inlet pressure should not exceed 3 psig.

Inlet Requirements:

10" Hg maximum vacuum (approx.
10' vertical lift - exact distance will vary with tubing diameter and length).
3 psig maximum inlet pressure.

Speed:

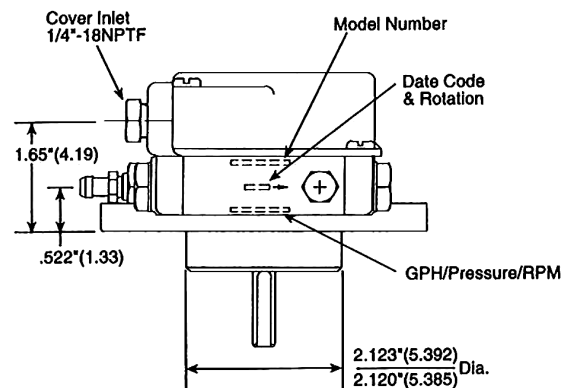
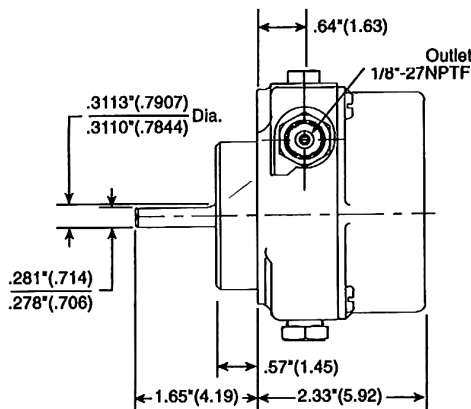
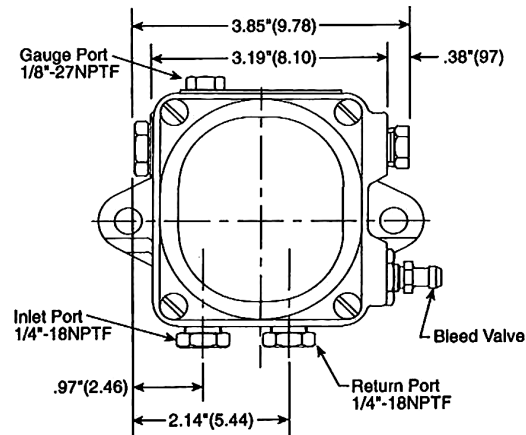
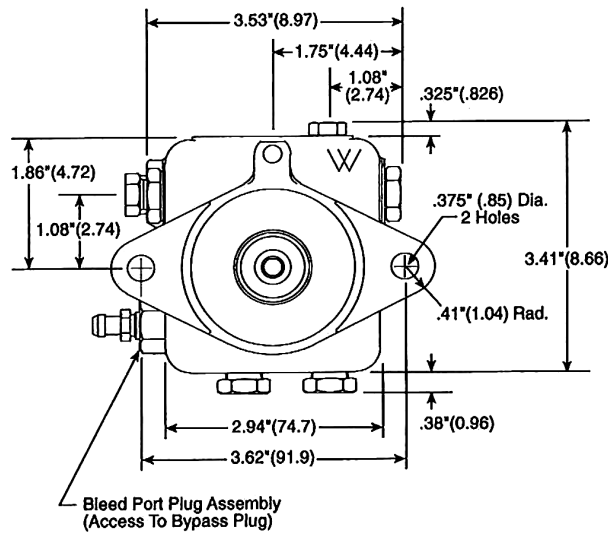
1725 and 3450 RPM

Webster now has available a Mini waste oil pump. Webster's waste oil pumps are available in single stage models, rated at 20 gph for the SK41906 (3450rpm) and 25 gph for the SK41982 (1725rpm). Operating pressure is factory set at 100 psi. These waste oil pumps are able to maintain its recommended flow rate throughout the 100 to 150 psi pressure range.

Single Stage	Location From Shaft End	RFS GPH	Rated PSI	Gear Set Capacity
M17DN-15	CW/R	15	40	35
M17DN-6	CW/R	6	40	35
M34DN-3	CW/R	3	40	31
M34DN-3H	CW/R	3	150	31
M34DN-15	CW/R	15	40	35
2M34DN-15-H	CW/R	15	150	35
SK41906R	CW/R	14	100	27
SK41982R	CW/R	14	100	27

Dimensions

Dimensions in inches, () = cm



General Specifications

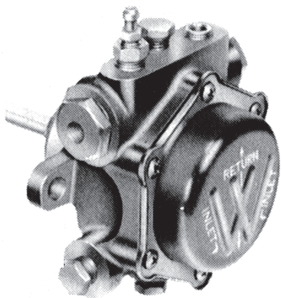
- Single Stage
- Single pipe operation only when used with thick oil.
- 1725 R.P.M.
- Operating pressure range 30-50 P.S.I.
- Viscosity range 34–7000 SUS (2.5-1500 Centistokes).
- Shaft seal and piston valve are Viton® material.
- Bypassing nozzle type.
- Power Requirements:
 - 1/4 H.P. for viscosity less than 1000 centistokes
 - 1/3 H.P. for viscosity greater than 1000 centistokes.
- Shaft Length is 3 1/8" long from mounting face to shaft end.
- Pump body has a flange and a hub.
- Maximum flow is 10-40 G.P.H. depending on model.

	<u>H.P.</u>	<u>Voltage</u>	<u>RPM</u>	<u>Rotation</u>	<u>GPH</u>	<u>Rated PSI</u>
SPM-25AT1RR140	¼	120	1725	CW	10	45
SPM-25AT1RR243	¼	120	1725	CW	20	45
SPM-25AT1RR244	¼	120	1725	CW	40	45

These units have the same characteristics as the 1RR models but incorporate a 120 volt, single phase, 1/4 hp motor.

IRR Pump Heads

IRR SERIES



	<u>Rotation/Nozzle</u>			
<u>Single Stage</u>	<u>Location From</u>	<u>RFS</u>	<u>Rated</u>	<u>Gear Set</u>
	<u>Shaft End</u>	<u>GPH</u>	<u>PSI</u>	<u>Capacity</u>
1RR140D-4EK13	CW/R	10	45	23
1RR243D-4EK13	CW/R	20	45	48
1RR244D-4EK13	CW/R	40	45	66

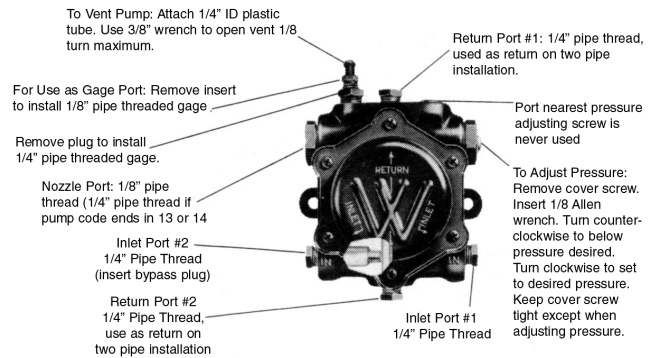
WASTE - BIO OIL SAFETY VALVE

Oil Safety Valve for Bio applications. This valve is U/L listed for Bio Fuel and is compatible with a wide range of other fuels such as B20-B100, #1-#2 Fuel Oil, Diesel, Kerosene and Waste Oil. Temperature Range of -10 to 140 F.

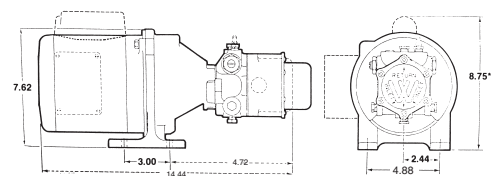
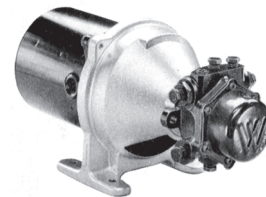
Visit our Site...



Listed Webster
Oil Safety Valve for
Bio Fuel



WASTE OIL PUMP & MOTORS



These single stage waste oil pumps operate @1725 rpm. The operating pressure range is 30-50 psi. Maximum inlet vacuum 10" Hg. Viscosity range is 34-7000 SUS (2.5 Centistokes), temperature range 40 F (min) - 160 F (max). This unit can be hub or flange mounted. The pump can be used on one or two pipe installations. Double lip type Viton seals assure low starting torque and provide positive protection from leaks. For waste oil and #4 or lighter fuel oils.

Capital City Tool, Inc.
219 Hahn Road, Frankfort, KY 40601
Tele: 502.223.0025 or 800.766.1233 Fax: 502.223.4629

www.websterfuelpumps.com