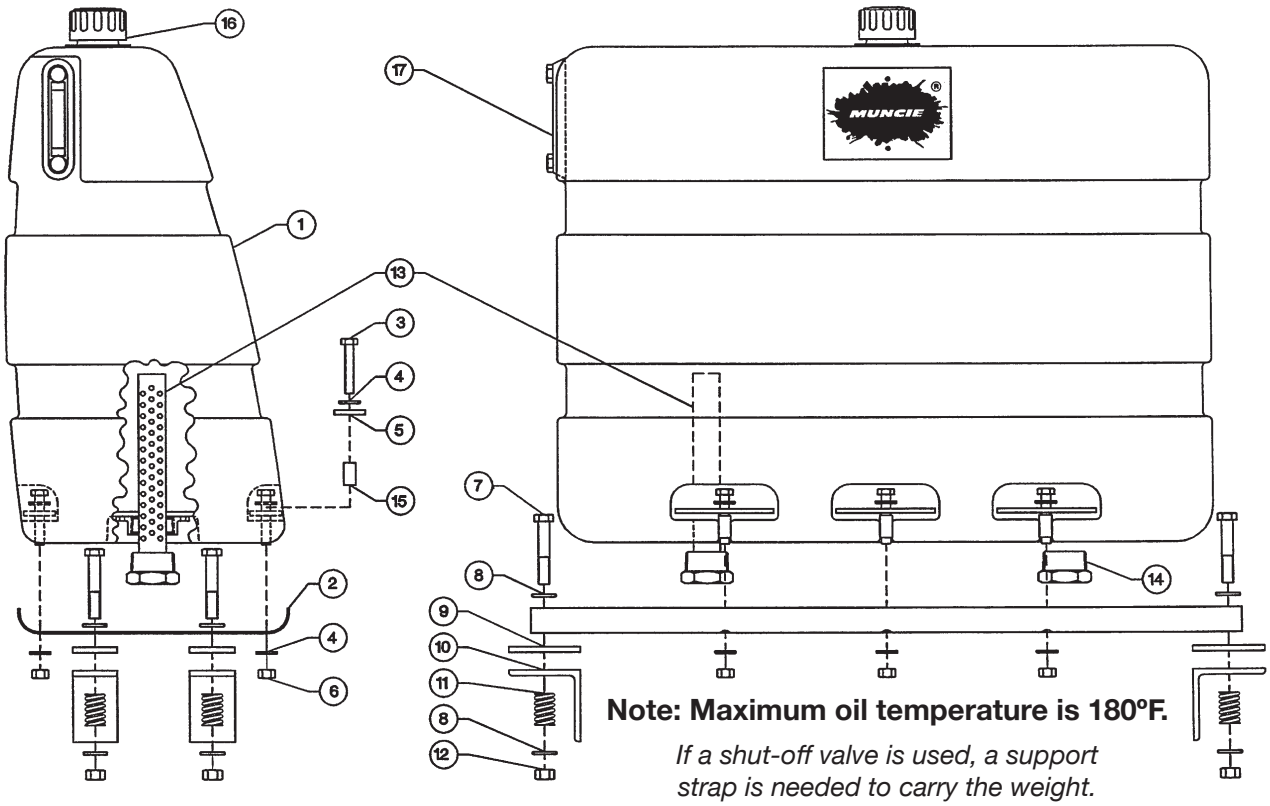
50/75 Gallon Upright Polyethylene

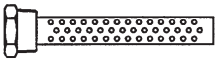
P050U2AAGXY / P075AU2AAGXY Installation Instructions

(Supersedes former 50AU2 / 75BU2)



Note: Maximum oil temperature is 180ºF.

If a shut-off valve is used, a support strap is needed to carry the weight.



From Pump Return

To Pump Inlet

KIT INCLUDES:

ITEM	DESCRIPTION	PART NO.	QTY.
1	Reservoir Assembly (50 Gal.)	N/A	1
	Reservoir Assembly (75 Gal.)	N/A	
	(Incl: Face Plate,Sight Gauge,		
	2 Work Ports with Gaskets)		
2	Saddle (50 Gallon)	B1460	1
	Saddle (75 Gallon)	58T36911	
3	Saddle Mounting Bolt	19M56250	6
4	Saddle Mounting Washer	21M56300	12
5	Hold Down Bracket	AA1459	6
6	Saddle Mounting Hex Nut	22MZ5612	6
7	Spring Kit Bolt	098-30004	4
8	Spring Kit Flat Washer	098-30006	8
9	Spring Kit Rubber Cushion	098-30002	4
10	Spring Kit Angle Bracket	098-30001	4
11	Spring Kit Spring	098-30003	4
12	Spring Kit ESNA Nut	098-30005	4
13	Return Line Diffuser	8020590	1
14	Reducer Bushing	8020591	1
15	Saddle Mounting Spacer	18M35802	6
16	Breather Cap	BC-50	1
17	Sight Gauge	31T36377	1
N.S.	2" Port	8020588M	2

ITEM	DESCRIPTION	PART NO.	QTY.
N.S.	2" Port Gasket	AA1458	2
N.S.	Port Screws (¼"-20 x .875)*	19T35595	12
N.S.	2" x 1½" Reducer Bushing "HF Option"	43T37609	6
N.S.	"High Flow" 2 x 1½" Diffuser	43T37610	1
N.S.	Breather Flange	8020394	1

NOTE: *Torque to 30 in.lbs.

PROCEDURE:

After frame mounting procedure has been completed, do the following:

1. Set reservoir into mounting saddle. Align mounting notches with slots in saddle.
2. Install 9⁄16" bolt, flat washer, hold down plate, and bushing into recessed pocket area (6 places).
3. Install 9⁄16" lock nut and flat washer to the assembly bolt. Torque to 35 lbs.ft.
4. Install the reducer bushing and return line diffuser into the work ports. A thread sealant is recommended (Do not use Teflon® tape). The reducer bushing and diffuser can be fitted into either port for ease of installation but must be properly hooked up to the pump.

FRAME MOUNTING UPRIGHT RESERVOIR

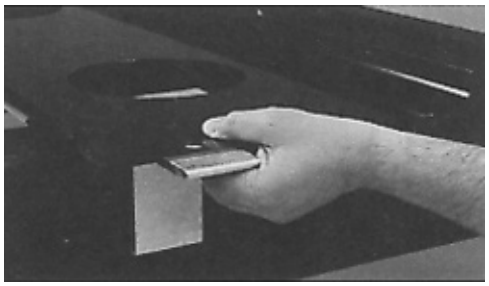


Photo 1

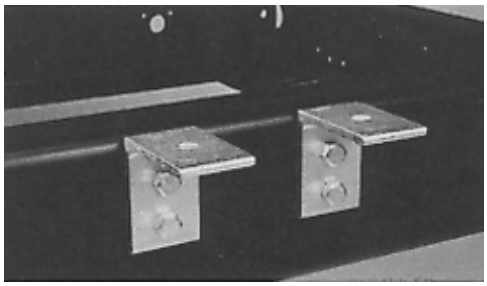


Photo 2

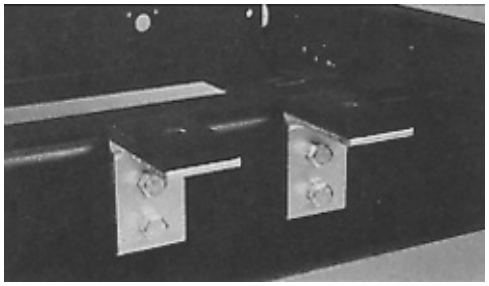


Photo 3

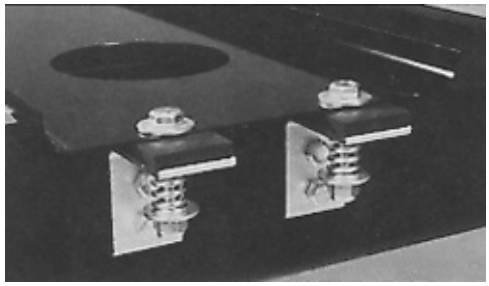


Photo 4

PROCEDURE (FRAME MOUNTS):

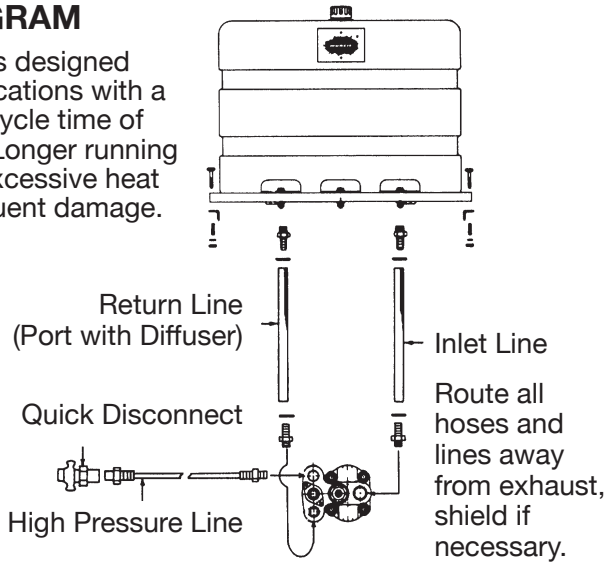
1. Set the reservoir base on frame rails of the truck chassis in the desired position.
2. Position angle brackets against the sides of the frame rails so that the desired drill holes are positioned against the flat portion of the reservoir mounting base. (See Photo 1.) **NOTE:** The top of the bracket should be flush with the top flange of the frame.
3. Mark and drill holes through the angle brackets and frame rails. (Two holes per bracket.)
4. Mount the angle brackets to the frame. (Photo 2.)
5. Place rubber cushions atop the four mounting brackets. NOTE: The rubber cushion should be above the top of the frame rails. (Photo 3.)
6. Install the mounting base and secure with the ⅝" cap screws, washers, springs, and locknuts as supplied. (See exploded drawing and Photo 4.)

NOTE: Tighten ⅝" locknut until the compressed length of spring is 1½". Do not compress spring completely.

Note: Installer to provide eight ½ inch Grade 5 or better cap screws and locknuts to attach angle brackets to the frame.

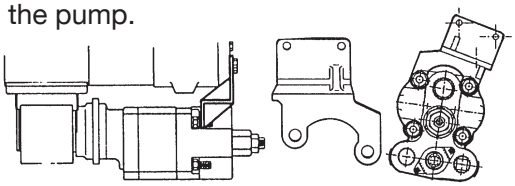
INSTALLATION AND PLUMBING DIAGRAM

Note: This reservoir is designed for dump trailer applications with a maximum hydraulic cycle time of less than 5 minutes. Longer running times may result in excessive heat build-up and subsequent damage.



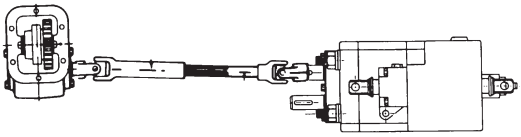
DIRECT MOUNT

This pump should be supported with a strap or bracket attached to the rear of the pump.



REMOTE MOUNT

PTO shaft and accessory shaft must be parallel to 1-1/2°. Drive line yokes must be in phase. Drive line angle not to exceed 6-1/2°.



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201 East Jackson Street, Muncie, Indiana 47305
800-367-7867 • Fax: 765-284-6991 • info@munciepower.com

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