



## WP161 Centrifugal 12V pump Tank or Radiator Mounted

### In The Box:

- 1 Electric Pump WP161
  - 1 Weld-in mounting flange
  - 1 Wiring harness w/ 20 amp fuse
  - 4 10-24 x 1/2" long SSSHCS
  - 1 Locking compound
  - 1 O-Ring WPO-130
  - 2 Contingency decals
- The outlet fitting must be ordered separately to match your hose connection type.*

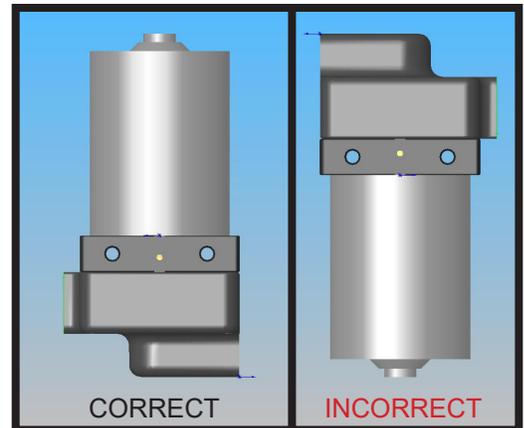


### To Do the Job You Will Need:

- 5/32" hex socket or wrench
- Plumbing (rubber or braided hose and fittings)
- Electrical wiring kit (crimps and terminals)
- Light grease or oil
- Ability to weld / fabricate the mounting plate into your aluminum radiator

### Mounting Note:

**WARNING: SEE PROPER MOUNTING ORIENTATION IN THE FIGURE AT THE RIGHT. DO NOT MOUNT THE PUMP INVERTED. THIS WILL VOID YOUR WARRANTY.**



### Installation:

1. Remove the pump from the package and inspect for any shipping damage.
2. Have a qualified welder / fabricator weld the supplied flange into your radiator. The flange should replace the lower hose connection on the radiator tank. Attach and weld the complete perimeter so that the flat side is facing out and the side with the large, rounded feature is inside the lower tank of the radiator. Check the weld for leaks before proceeding.
3. From the bottom side of the pump you will see a total of four screws. Remove the four screws and separate the bottom housing from the motor and mid-plate.
4. Use some light grease or oil to lubricate the o-ring. Install the o-ring into the groove feature of the backing plate.
5. Using the four 10-24 x 1/2" screws, apply a small amount of locking compound and bolt the back plate to the welded flange on the radiator. Use appropriate torque to secure.
6. Visually inspect the o-ring that seals between the bottom housing and mid-plate. Make sure that it remains lubricated and seated well into its groove. Reassemble the bottom housing to the mid-plate with the four 10-24 screws that were removed in step 3. You may want to use some thread locking compound here as well.

### Fitting Options:

#### Plumbing:

The outlet of these pumps is machined for -12AN O-ring seal, **NOT 3/4 NPT**.

For outlet fitting options see the part number list at the right.

Caution: **Never install a flared -12 end into the discharge side of this pump. It will interfere!** AN O-Ring Boss is the only style to be installed into the pump.

<u>Hose Style / Size</u>	<u>Meziere Part #</u>
AN -08	WP12008
AN-10	WP12010
AN-12	WP12012
AN-16	WP12016
Hose 3/4"	WP12034
Hose 1"	WP12100
Hose 1-1/4"	WP12125
Hose 1-1/2"	WP12150
Hose 1-3/4"	WP12175

#### Wiring the Pump:

Use the fused harness supplied with the pump.

The **BLUE** wire should be connected to a 12 volt positive (+) switched source.

The **BLACK** wire should be connected to ground.

Supply and ground wires should be 14 gauge minimum. All switches should be rated at 20 amps or better.

**WARNING: Not using a protection circuit (fused circuit) will void your warranty.**

#### Startup / Running:

Fill the cooling system. Replace fill cap and turn on pump. Remove fill cap and top off coolant level. Recheck level after one heat cycle. **DO NOT RUN PUMP DRY for more than a few seconds.**

#### Beauty Tip:

Your pump comes to you polished and waxed. Occasional waxing will allow dirt or debris to be wiped right off the pump and offer some protection from UV light (the anodized color on your pump can fade from prolonged exposure to sunlight).

California Proposition 65 Warning: Please see below for Prop 65 information.

### California Proposition 65 Warning

**WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.**

**WARNING:** Motor vehicles contain fuel, oils and fluids, battery posts, terminals and related accessories which contain lead and lead compounds and other chemicals known to the State of California to cause cancer, birth defects and other reproductive harm. These chemicals are found in vehicles, vehicle parts and accessories, both new and as replacements. When being serviced, these vehicles generate used oil, waste fluids, grease, fumes and particulates, all known to the State of California to cause cancer, birth defects, and reproductive harm.

For background on the new Proposition 65 warnings, see:

<https://www.p65warnings.ca.gov/new-proposition-65-warnings>

Proposition 65 and its regulations are posted at:

<https://oehha.ca.gov/proposition-65/law/proposition-65-law-and-regulations>

To give Meziere notice of an alleged violation of California Health and Safety Code Section 25249.5 or 25249.6, you must send notice to:

[meziere@meziere.com](mailto:meziere@meziere.com)