WP366 Centrifugal, 12V pump, High Flow, Dual Out, Remote Mount with Bypass Circuit

In The Box:

1	Electric Pump WP366
2	Mounting tabs WP85
1	Wiring harness w/ 20 amp fuse
2	Contingency decals

Three fittings must be ordered separately to match your hose connection types.

To Do the Job You Will Need:

- 1 WN Style fitting for the inlet port
- 2 #16AN ORB style fittings for the outlet ports
- 1 WN Style fitting for the bypass port
- Light grease or oil
- Electrical wiring kit (crimps and terminals)
- Fabrication skill / welding capability for mounting
- Hardware to complete mouting

Inlet, Bypass and Outlet Fittings:

This inlet and bypass ports of this pump can use any of our “WN” style fittings. The outlet ports (2) require a -16AN O-ring boss type fitting. Available WN fitting sizes range from 1 1/4 to 1 3/4 rubber hose and -12AN to -24AN for braided hose. Typically, we will recommend the largest feasible size for the inlet and outlet and about a 5/8” to 3/4” fitting for the bypass. Available -16AN outlet fitting sizes range from -16AN to -12AN and 1” to 1-1/4 for rubber hose. The fittings seal to the pump with an o-ring seal. Use a little grease or oil to lubricate the o-ring before installing each fitting.

Outlet Higher
Correct

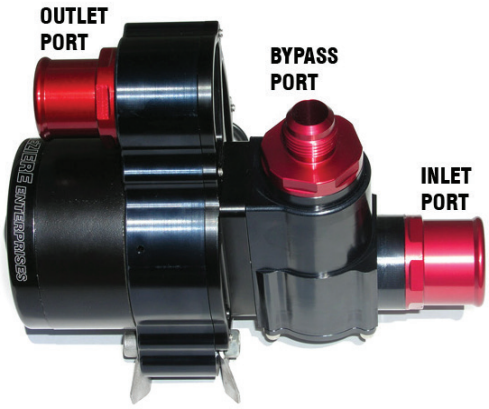
Outlet Lower
Incorrect

Mounting:

This pump is a centrifugal pump. Therefore it must be gravity fed. It should be mounted at or below the mid point of the cooling system. You should avoid unnecessary bends in the inlet hose, most especially ones that cause elevation changes in the hose. To prevent air locking and cavitations, the outlet of the pump must be higher than the inlet. The pump should be mounted with the main shaft horizontal. The motor shaft should not be pointing up or pointing down.

Plumbing the Pump:

This pump is unique in that it has a thermostat incorporated into the body. The inlet and the outlet are opposed and the bypass connection comes out the top of the thermostat housing. The inlet port will connect to the lower port on the radiator. The outlet port or ports will feed the engine and the bypass port will be connected to a “hot water” source at the top of the engine. A 5/8” or 3/4” hose will be appropriate.

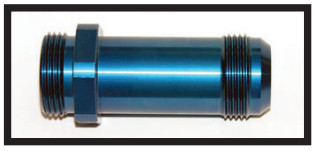


Plumbing:

WP366 features two “WN Style” -20AN O-ring ports and two -16AN outlet ports. See the charts below for a list of compatible fittings.

WP366 -16AN Fitting Options:

Hose Style / Size	Meziere Part #
AN-12	WP16012
AN-12 extended	WP16E12
AN-16	WP16016
AN-16 extended	WP16E16
Hose 1”	WP16100
Hose 1-1/4”	WP16125



WP366 WN Fitting Options:

Hose Style / Size	Meziere Part #
AN-10	WN0042
AN-12	WN0043
AN-16	WN0040
AN-20	WN0041
AN-24	WN0045
Hose 1-1/4”	WN0031
Hose 1-1/2”	WN0032
Hose 1-3/4”	WN0033

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

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