

MCRES-525™ INSTALLATION GUIDE

PARTS LIST – BARBED ADAPTERS ARE SOLD SEPARATELY

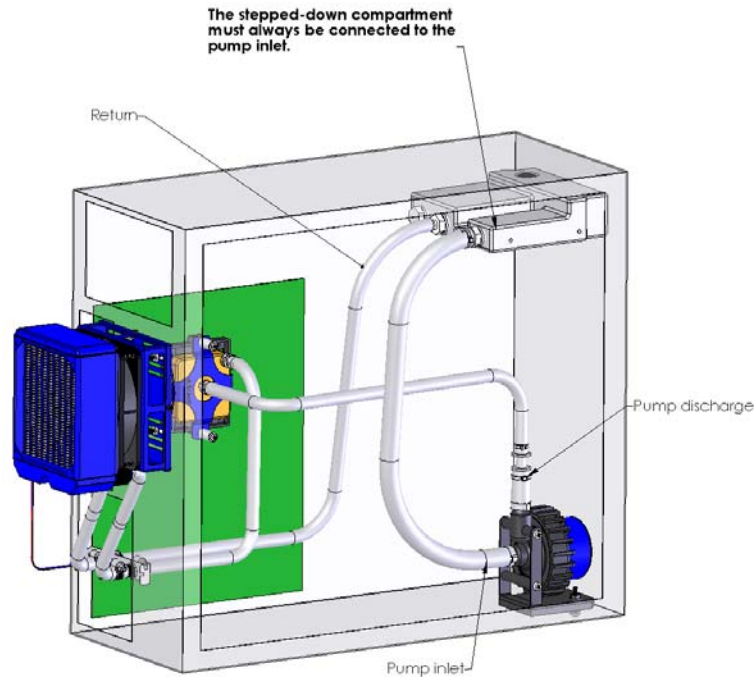
Parts	QTY	PARTS	QTY
MCRES-525™ Reservoir	1	Retention screws	4
Fill-cap & o-ring	1	Port plug	1

This product is intended for expert users. Please consult with a qualified technician for installation. Improper installation may result in damage to your components. Swiftech assumes no liability whatsoever, expressed or implied, for the use of these products, nor their installation. The following instructions are subject to change without notice. Please visit our web site at www.swiftnets.com for updates.

The MCRES-525™ reservoir is designed to be installed in a 5 1/4" drive bay. It features three 3/8" threaded ports (standard NPT thread) to accommodate a number of configurations (see * Swiftech fittings). The port usage is defined as follows:






- ❑ (1) Discharge port located at the "stepped-down" compartment. This port must ALWAYS be connected to the pump inlet for the MCRES-525™ to operate properly.
- ❑ (2) Inlet ports can be used interchangeably; in "single inlet" configuration (the most common), or "dual inlet" configuration when devices are returning to the reservoir in parallel. One port plug is provided to seal one of the inlets in order to accommodate the most common "single inlet" configuration.
- ❑ Installation of the fittings requires sealant. Recommended sealants include Teflon pipe dope or solvent cement (Goop), which are the easiest to use; Teflon tape will require three to four turns for a good seal. Tighten fittings until firm, do not make up to the nut interfering with the threaded hub - a thread should be visible on the fitting. Use of silicone sealants is not recommended.

The following guide assumes that all liquid cooling components in your system, such as radiator, pump, and water-block(s) have been already installed, and the graphic below shows an overview of a typical installation.



Swiftech Fittings & Spare parts

Important! All fittings (except DP-11) require sealant: plumbers tape, or plumbers goop (preferred)

				
A6-8	A6-6	PI011623S	DP-11	P6N
1/2" barb to 3/8" NPT, for 1/2" Inner diameter tubing (3/4" or 5/8" outer diameter) – Order Separately	3/8" barb to 3/8" NPT, for 3/8" Inner diameter tubing (1/2" outer diameter) – Order separately	3/8" NPT to 1/2" tube (outer diameter) quick-connect fitting – Order separately	Fill-cap & o-ring Included	3/8" NPT Port plug Included

Installation guidelines

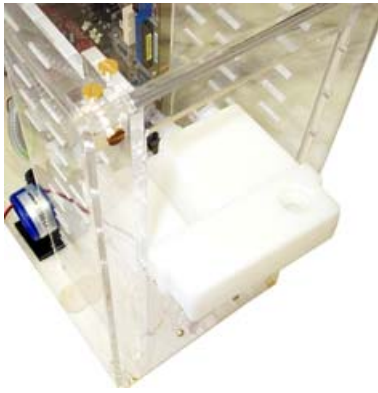


Figure 1: Always leave sufficient slack in the lines to pull enough of the reservoir out of the drive bay and uncover the fill port.

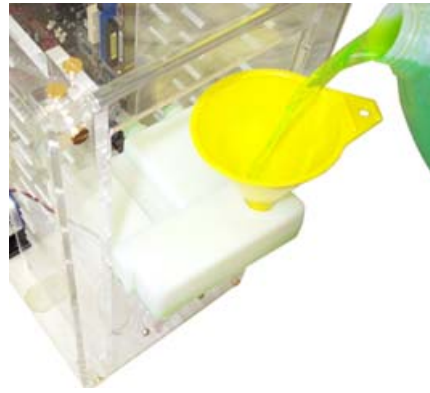


Figure 2: You can start filling up the reservoir while it is in the drive bay, using a household funnel. **Then, start-up the pump and top-off the reservoir as needed.** With this method, you will be able to fill-up the reservoir to its minimum operating level, as shown figure 3.



Figure 3: The minimum operating fluid level is at the mould parting line.



Figure 4: If possible or desired, you can also fill the reservoir outside of the chassis. Tipping it steeply at an angle will allow you to fill-it up at the maximum operating level as shown figure 5. Do not forget to close the fill-cap before you re-install the unit into the drive bay!

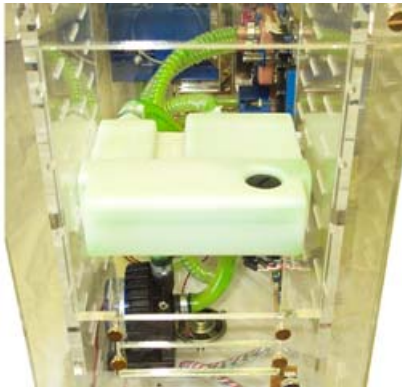


Figure 5: Desired (Maximum) operating fluid level



Figure 6: Once full, secure the reservoir to the drive-bay with the provided screws. **Installation is complete!**

IMPORTANT DISCLOSURES

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