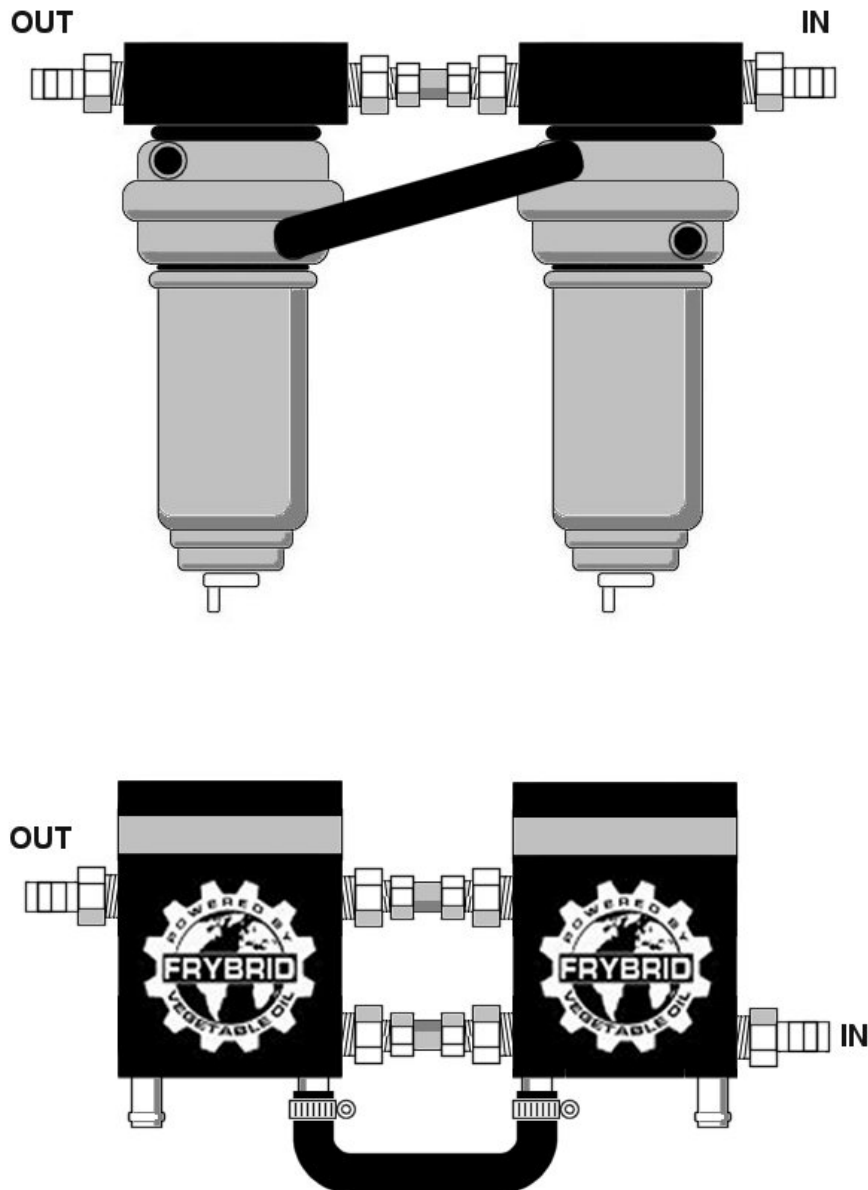




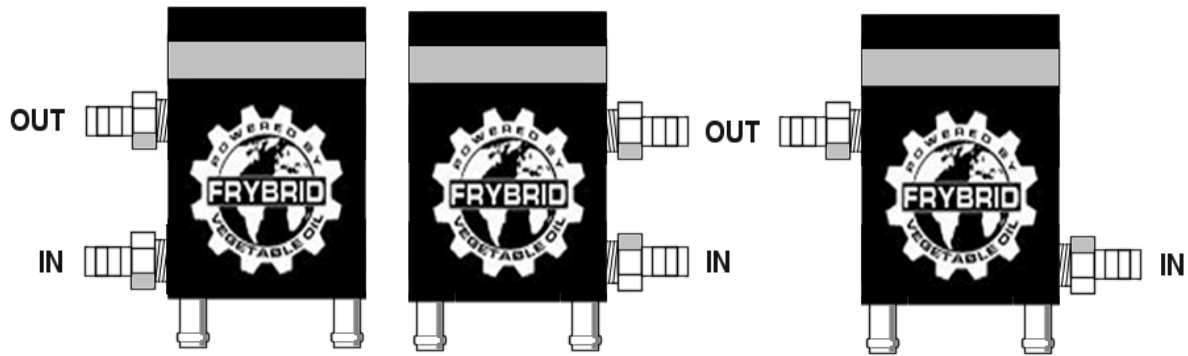
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Dual Frybrid Heated filter

The following design is for an on-board filter utilizing two Frybrid filters in parallel. This not only reduces the vacuum or pressure on each filter but also extends filter change intervals by at least twice. I first developed this system for my own truck simply to show off our components but have found it useful on several installations I have performed.



The general Concept is quite simple. The filter head is designed with 4 ports, two inlets and two outlets, this allows both the inlet and outlet to be on either side of the filter head or one to be located on each side.



By simply installing hose barbs on the ports facing the other filter the “IN” and “OUT” ports are connected, then one of each of the side ports can be used as the inlet and outlet, the unused ports being blocked with plugs. The filter I made for my own truck utilized 4 compression fittings and small sections of aluminum fuel line as the couplers.

The coolant/fuel heat exchangers inner ports were tied together, although these ports could be tied together in either pattern and still function correctly as long as coolant flows through both exchangers.

