A.H.Fabrications Motorsport Products

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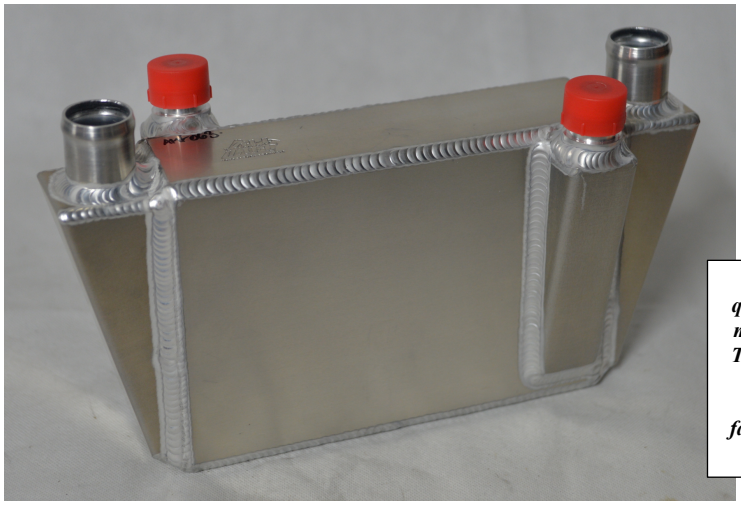
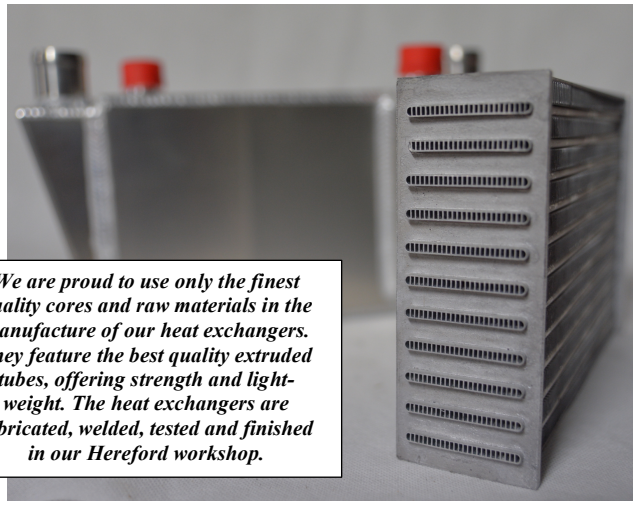
Data Sheet AHF063/AHF063DTM Coolant/Oil Heat Exchanger





We are proud to use only the finest quality cores and raw materials in the manufacture of our heat exchangers. They feature the best quality extruded tubes, offering strength and light-weight. The heat exchangers are fabricated, welded, tested and finished in our Hereford workshop.

Features

High strength, low weight, heat exchanger for competition and fast road use.

Applications

AHF063 and the larger AHF063DTM are designed to be fitted to competition engines to allow the heat produced by the engine to be shared between the coolant and oil circuits more evenly.

General Description

During cold start-ups, the coolant tends to heat up faster than the engine oil, the heat exchanger transfers some of this temperature into the oil. Once the engine is up to running temperature, some of the excess heat from the oil is transferred back into the coolant. This way, both the coolant and engine oil can be stabilised at their optimum working temperatures, more quickly and accurately. A heat exchanger is often more effective than a separate oil cooler at maintaining a stable oil temperature, because it works equally well in hot and cold climates.

Available in two sizes to suit both petrol and diesel engines of various capacities, they are suitable for all common coolants and engine lubricants including synthetic ester based oils commonly used in motorsport. The AHF063 is often used in rally and circuit racing with 4 cylinder engines up to 3,000cc, and the larger AHF063DTM is often used in circuit racing with the largest 4, 6 & 8 cylinder engines.

The unit should be fitted between the thermostat housing and the radiator (coolant hot side), and between the scavenge pump and dry sump tank (oil return side).

Part Number	Dimensions Unit	Dimensions Overall	Oil Union	Coolant Hose	Weight
AHF063	328x155x62mm	328x190x120mm	AN12m	32mm	2.6kg
AHF063DTM	335x195x62mm	335x230x151mm	AN16m	44mm	2.9kg