

FUEL COOLED OIL COOLER

The Heat Exchanger is designed for aviation platforms. Heat in three oil lines is cooled by fuel. Total heat dissipation capacity is 34 kW. Heat exchanger is produced by vacuum brazing method for high reliability and long service life.



Technical Data

FEATURE	UNIT
Weight	<9 kg
Fuel Type	JP-10
Fuel Inlet Flow	0.54 kg/s
Maximum Fuel Input Temperature	44 °C
AMAD Oil Input Flow	40 LPM
Maximum AMAD Oil Input Temperature	97 °C
Hydraulic A Oil Input Flow	15 LPM
Maximum Hydraulic A Oil Input Temperature	78 °C
Hydraulic B Oil Input Flow	15 LPM
Maximum Hydraulic B Oil Input Temperature	78 °C
AMAD Cooling Capacity	>19 kW
Hydraulic A Cooling Capacity	>7.5 kW
Hydraulic B Cooling Capacity	>7.5 kW

Features

- Produced with vacuum brazing method for high reliability and thermal performance
- Produced from aluminum
- Corrosion resistant
- Light weight and compact design suitable for aviation application
- Qualified according to aviation platform requirements

