

Technical Data

OW4002 4.2KW Water/Oil Cooler

The OW4002 oil cooler is a recirculating liquid to air heat exchanger that offers dependable, compact performance by removing large amounts of heat from a liquid circuit. Oil is recirculated using a high-pressure pump to assure maximum flow rate. The OW4002 uses facility water as a hot side heat dissipation mechanism, which increases the cooling capacity while maintaining form factor.

Dimensions (mm) W x H x D	551 x 621 x 350mm
Weight (without coolant)	45kg
Coolant Capacity	4200W/23L
Coolant Type	Oil
Performance Data	
Cooling Capacity @ temperature difference of 20° 4.2kW	
Flow Rate	>17.0 lpm @ 3.5 bar
Frequency	50/60Hz
Input Voltage	230VAC
Noise Level @ 1m distance	<60 db(A)
Environmental Specifications	
Operating Temperature	+10°C – +40°C
Storage Temperature	-40°C – +70°C (empty)
Air Humidity	20% – 80% (non condensing)
Settings	
Maximum forward pressure	9 bar ± 0.5 bar
Flow switch open	14l/pm
Temperature switch open	55°C

OL4503 4.5KW Air/Oil Cooler

The OL4503 oil cooler is a recirculating liquid to air heat exchanger that offers dependable, compact performance by removing large amounts of heat from a liquid circuit. Oil is recirculated using a high-pressure pump to assure maximum flow rate. Heat from oil is absorbed by a heat exchanger and dissipated into the ambient environment by use of a brand name fan.

Dimensions (mm) W x H x D	650 x 750 x 350mm
Weight (without coolant)	54.5kg
Coolant Capacity	4500W/23L
Coolant Type	Oil
Performance Data	
Cooling Capacity @ temperature difference of 22°	4.5kW
Flow Rate	>22.0 lpm @ 3.5 bar
Frequency	50/60Hz
Input Voltage	230VAC
Noise Level @ 1m distance	<60 db(A)
Environmental Specifications	
Operating Temperature	+10°C – +40°C
Storage Temperature	-25°C – +70°C (empty)
Air Humidity	20% – 90% (non condensing)
Settings	
Maximum forward pressure	9 bar, + 0.5 -0.2 bar
Flow switch open	14l/pm
Temperature switch open	55°C