

## ORCAN cooler Oc 300.800

### Product Data Sheet

<b>General</b>	Design point electricity free operation: ambient temperature	27 °C		
	100% cooling performance up to ambient temperature	32 °C		
	Medium	Ethylene glycol 37%		
	Max. medium pressure	10 bar		
<b>Performance Design Point</b>				
Additional simulations on request				
		<b>Type S</b>	<b>Type M</b>	<b>Type L</b>
Primary Cooling Performance (hot water)	Inlet Temperature	90 °C	90 °C	90 °C
	Outlet Temperature	70 °C	70 °C	70 °C
	Max. cooling Power	400 kW	600 kW	800 kW
	Volume flow	18,9 m <sup>3</sup> /h	28,5 m <sup>3</sup> /h	37,9 m <sup>3</sup> /h
	Pressure loss	20 kPa	40 kPa	65 kPa
Optional Additional Cooling (warm water)	Inlet Temperature	55 °C	55 °C	55 °C
	Outlet Temperature	45 °C	45 °C	45 °C
	Max. cooling Power	50 kW	60 kW	80 kW
	Volume flow	5,2 m <sup>3</sup> /h	5,8 m <sup>3</sup> /h	7,9 m <sup>3</sup> /h
	Pressure loss	18 kPa	40 kPa	65 kPa
<b>Measurements</b>	Length	5 m	7 m	7 m
	Width	2,4 m	2,4 m	2,4 m
	Hight	2,1 m	2,1 m	2,1 m
	Weight	1200 kg	1300 kg	1400 kg
<b>Electrical Interface</b>	Supply voltage	230 V, 3 Ph + PE, 50 Hz		
	Recommended external fuse	C25 A		
	Max. input power	9 kW		
<b>Water Interface</b>	Hot water	DN 80 Flange		
	Warm water	DN 40 Flange		
	Additional connections	2x G3/4" female		