

5 kW Oil cooled with digital calorimeter



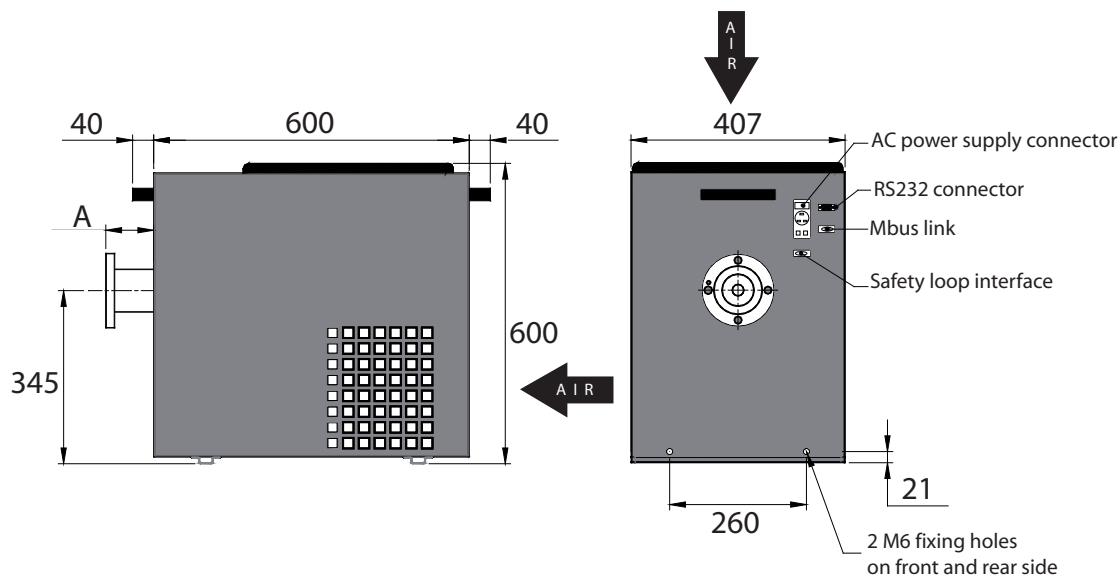
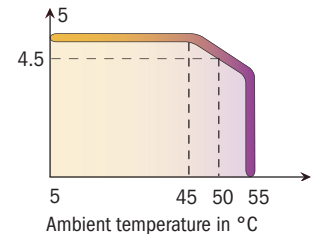
Standards
NF C 96-315
MIL-DTL-39030



Impedance	50 $\Omega \pm 5\%$
Frequency	DC - 1 GHz (on request DC - 2.5 GHz)
Max VSWR	≤ 1.10 at 1GHz
Temperature range	-25 to +55°C
Average power @ 45°C	5 kW
Cooling	Oil + forced air
Safety loop	Thermal + oil circulation
Main power safety	Lated fuses : Fan 2 A, Pump 0.8 A
Weight	47 kg

Calorimeter accuracy	$\pm 3\%$ of reading within 5°C to 30°C ambient temperature range
Remote interfaces	Serial RS232 on load's front panel with user software interface. Mbus link (50m max) with optionnal Mbus/RS232 converter**.

Power in kW



Dimensions in mm

P/N	Connector*	AC power supply*	A
17-0519	EIA 1.5/8"	220 V - 50 Hz	70
17-0518	EIA 3.1/8"	220 V - 50 Hz	90

* Others models on request.

Options	. VSWR ≤ 1.05 470 to 860 MHz for digital applications . Swivel castors
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** Possibility to connect 3 loads on Mbus/RS232 converter for power monitoring.
Other Mbus/RS232 converters available on request for connecting up to 20 loads

Instruction manual and wiring diagram available on request

