

# 10 kW Oil cooled with digital calorimeter

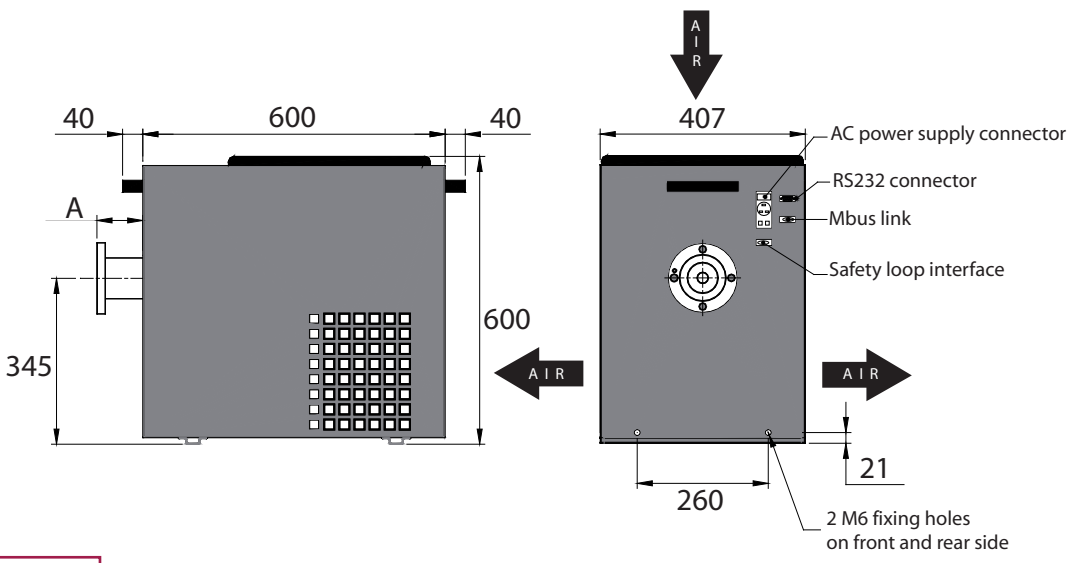
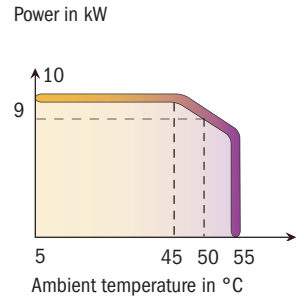


Standards  
NF C 96-315  
MIL-DTL-39030



|                      |                                      |
|----------------------|--------------------------------------|
| Impedance            | 50 Ω ± 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 | 10 kW                                |
| Cooling              | Oil + forced air                     |
| Safety loop          | Thermal + oil circulation            |
| Main power safety    | Lated fuses : Fan 2 A, Pump 0.8 A    |
| Weight               | 49 kg                                |

Calorimeter accuracy ±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\*\*.



Dimensions in mm

| P/N     | Connector* | AC power supply* | A  |
|---------|------------|------------------|----|
| 17-0517 | EIA 1.5/8" | 220 V - 50 Hz    | 70 |
| 17-0516 | EIA 3.1/8" | 220 V - 50 Hz    | 90 |

\* Others models on request.

| Options | . VSWR ≤ 1.05 470 to 860 MHz for digital applications<br>. Swivel castors |
|---------|---------------------------------------------------------------------------|
|---------|---------------------------------------------------------------------------|

\*\* 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

