

Power Load

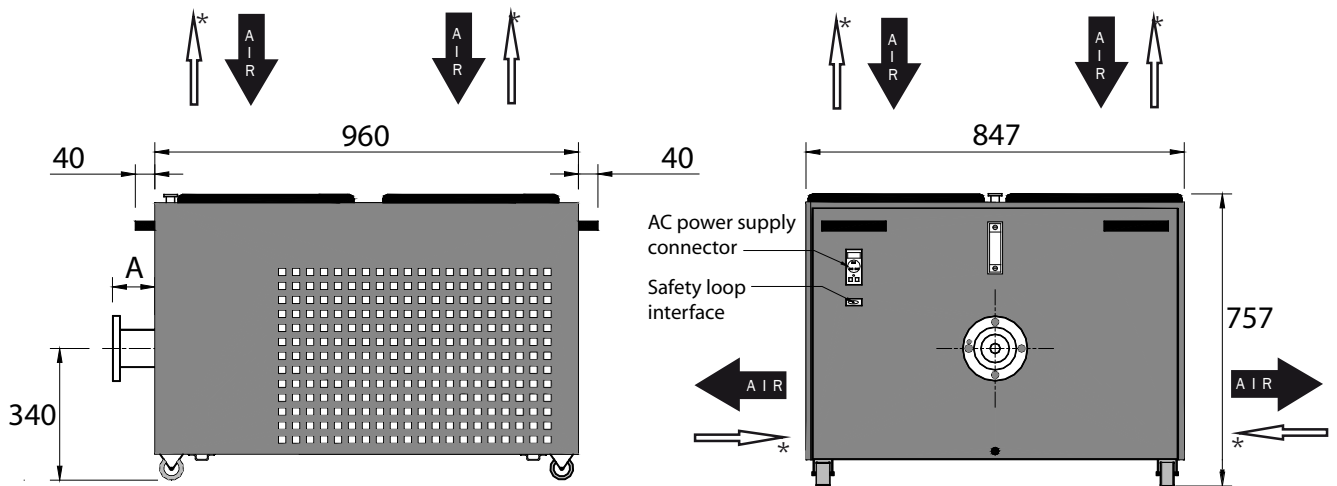
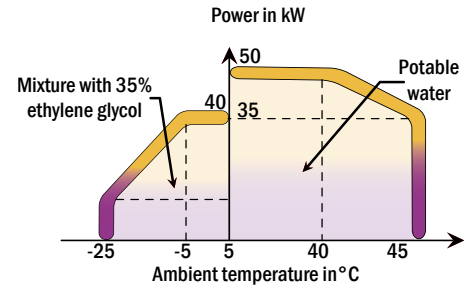
50 kW Water & forced air cooled



Standards
NF C 96-315
MIL-DTL-39030



SPECIFICATIONS	50 kW Series
FREQUENCY	DC - 1 GHz
IMPEDANCE	50 Ohm ± 5%
Max VSWR	≤ 1.10 at 860 MHz
Average power @ 25° C	50 kW rms (Portable water) 40 kW rms (Mix with 35% ethylen glycol)
Temperature range	-25 to +45 °C
Cooling	Water + forced air
Portable water	7 < pH < 8.2, mineral salts concentration < 75ppm
Safety loop	Flowswitch + Thermoswitch
Main power supply	1950 VA (4 fans + 1 pump) C14 IEC fused inlet
Standard AC power supply	220 V - 50-60 Hz
Weight	95 kg



Dimensions in mm

Versions and options				
Article	006-50KW_3	006-50KW_4	006-50KW_6	Dimension A
Connections	3 1/8" flange	4 1/2" flange	6 1/8" flange	90 mm
				132 mm
Options				
	115 V - 50/60 Hz AC power supply			
	VSWR ≤ 1.06 from 470 to 860 MHz for DVB applications (only at 006-50KW_3 version)			
	Fans on/ off depending on RF power applied			