



W 3S3 G 02 42 1180 212 021 1 A L - -

TECHNICAL DATA :

Total capacity available.....:	[kW]	183
Air flow.....:	[m <sup>3</sup> /h]	12000
Air density (inlet).....:	[kg/m <sup>3</sup> ]	1,337
Air mass flow.....:	[g/s]	4456
Dry bulb air inlet.....:	[°C]	-10,0
Dry bulb air outlet.....:	[°C]	30,9
Air pressure drop.....:	[Pa]	59
Air velocity.....:	[m/s]	2,69

Fluid.....:		Water
Specific mass.....:	[kg/m <sup>3</sup> ]	977
Specific heat.....:	[kJ/kg.K]	4,19
Thermal conductivity.....:	[W/m.K]	0,661
Viscosity.....:	[pa.sec]	0,0004
Total fluid pressure drop.....:	[kPa]	22
Inlet temperature.....:	[°C]	80,0
Outlet temperature.....:	[°C]	60,0
Fluid flow.....:	[m <sup>3</sup> /h]	8,05
Fluid velocity.....:	[m/s]	1,52

Tubes type.....:		Smooth
Tube material.....:		Copper
Fin material.....:		Alu
Height/Width (finned).....:	[mm]	1050,0 / 43,3
Connection inlet.....:	[mm]	60/53mm steel
		Header.....: 2 5/8"
		GAZ.....: 2"
Connection outlet.....:	[mm]	60/53mm steel - Same side
		Header.....: 2 5/8"
		GAZ.....: 2"
Surface area.....:	[m <sup>2</sup> ]	46,4
Circuit volume.....:	[dm <sup>3</sup> ]	7,0
Gross weight.....:	[kg]	35,2