



W 3S2 G 02 10 1200 212 010 1 A L - -

TECHNICAL DATA :

Total capacity available.....:	[kW]	35,1
Air flow.....:	[m <sup>3</sup> /h]	4140
Air density (inlet).....:	[kg/m <sup>3</sup> ]	1,221
Air mass flow.....:	[g/s]	1404
Dry bulb air inlet.....:	[°C]	15,0
Dry bulb air outlet.....:	[°C]	39,9
Air pressure drop.....:	[Pa]	75
Air velocity.....:	[m/s]	3,77

Fluid.....:		Water
Specific mass.....:	[kg/m <sup>3</sup> ]	971
Specific heat.....:	[kJ/kg.K]	4,21
Thermal conductivity.....:	[W/m.K]	0,669
Viscosity.....:	[pa.sec]	0,0003
Total fluid pressure drop.....:	[kPa]	5
Inlet temperature.....:	[°C]	90,0
Outlet temperature.....:	[°C]	70,0
Fluid flow.....:	[m <sup>3</sup> /h]	1,55
Fluid velocity.....:	[m/s]	0,61

Tubes type.....:		Smooth
Tube material.....:		Copper
Fin material.....:		Alu
Height/Depth/Length (finned).....:	[mm]	254,0/38,1/1200,0
Connection inlet.....:	["]	7/8" copper
Connection outlet.....:	["]	7/8" copper - Same side
Surface area.....:	[m <sup>2</sup> ]	9,9
Circuit volume.....:	[dm <sup>3</sup> ]	1,7