

Vulganus Oy

Cooling coil

CW R 331 4006 1020 30 0040 CT

Capacity	[kW]	120	Tube material	Copper
Sensible heat factor		0,70	Fins material	Turbo Aluminium
Exchange surface	[m <sup>2</sup> ]	134,13	Frame material	Aluminium
Weight	[kg]	60		
<b>Air</b>				
Altitude	[m]	0	Entering speed	[m/s] 2,12
Flow rate	[m <sup>3</sup> /h]	10800	pressure drop	[Pa] 106
entering air temperature	[°C]	34	Leaving air temperature	[°C] 9,4
Entering Relative Humidity	[%]	30	Leaving Relative Humidity	[%] 82
Entering enthalpy	[kJ/kg]	59,8	Leaving enthalpy	[kJ/kg] 24,7
<b>Internal tube fluid</b> <b>Water</b>				
Entering temperature	[°C]	7	Flow rate	[m <sup>3</sup> /h] 20,48
Leaving temperature	[°C]	12,0	Fluid velocity	[m/s] 1,1
Internal coil volume	[t]	32,00	Pressure drop	[kPa] 16,9

Pemco Oy