

PŘÍLOHA 5 – TECHNICKÝ LIST CHLADIČE
VZDUCHOTECHNICKÉ JEDNOTKY BAZÉNU





Project	
Reference	

Performance Data

Model	PGK 800X500-3-2,0	
Capacity	Watt	10453.33

Air Side Data

Atmospheric Pressure / Altitude	Pa / m	101325 / 0
Volumetric Flow	m ³ /h	2100.00
Mass Flow	kg/h	2371.78
Density	kg/m ³	1.15
Surface Velocity	m/s	1.53
Air Inlet Temperature	°C	32
Inlet Humidity	%	50.00
Air Outlet Temperature	°C	20.18
Outlet Humidity	%	91.18
Pressure Drop	Pa	43

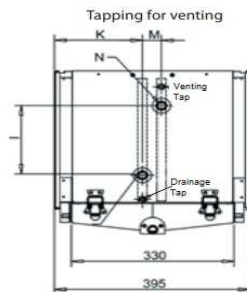
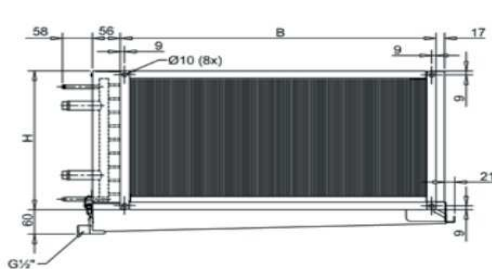
Fluid Side Data

Fluid	-	Water
Mixture Rate	%	0.00
Volumetric Flow	m ³ /h	1.50
Inlet / Outlet Temperature	°C	10.00 / 15.99
Mass Flow	kg/h	1496.31
Density	kg/m ³	999.65
Velocity	m/s	0.48
Pressure Drop	kPa	4.73
The Amount of Condensate Water	kg/h	3.40

Heat Exchanger Data

Tube Volume	l	4.9
Tube Material	-	Copper
Fin Material	-	Hydrophilic Coated Aluminum
Drop Eliminator	-	

Dimensions



B	mm	838	H	mm	538
I	mm	340	K	mm	170
M	mm	55	Weight	kg	29.8

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