CABERO Heat Exchanger Yantai Co.,Ltd.
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Reference		Date 2021.05
Room Size		
Model	**BCH4D4/35.N6**	Version: 1

Capacity		9660	W
Sensible Capacity		6855	W
Latent Capacity		2805	W
Sensible/Total Capacity Ratio		0.71	
Quantity of Produced Water		4	kg/h
Exchange Surface		92	m²
Global Exchange Coefficient		17.4	W /(m² k)
Fins / Tubes Meterial		Al / Copper	
Fin Thickness		0.2	mm
Fin Pitch		4	mm
DTML		6.1	°C
Coil Internal Volume		20	L
L x W x H		2980*560*500	mm
Net Weight			kg
Air side			
Altitude		0	m
Volumetric Air Flow		9120	m³/h
Mass Air Flow		11673	kg/h
Face Velocity on the Coil		2.32	m/s
Inlet Air Density		1.28	kg/m³
Inlet Air Temperature		2	°C
Inlet Air Relative Humidity		90	%
Outlet Air Temperature		-0.1	°C
Outlet Air Relative Humidity		95	%
Pressure Drop		59	Pa
Fan No. * Size		4*350	mm
Motor Capacity		4*0.14=0.56	kW, 230V-1Ph-50Hz
Run speed		1400	RPM
Noise power lever		78	dB(A)
Defrost			
REFRIGERANT SIDE			
Fluid		Ethylene glycol 35%	
Volumetric Fluid flow		1.6	m³/h
Mass Fluid Flow		1688	kg/h
Fluid Velocity		0.67	m/s
Fluid inlet Temperature	φ 22.0	-8	°C
Fluid outlet Temperature	φ 22.0	-2.2	°C
Fluid Pressure Drop		43	kPa

Accessories