CABERO Heat Exchanger Yantai Co.,Ltd.
No.178 Xing Fu Zhong Road, Yantai, China,
Tel +86 535 6858102 Fax +86 535 6858119
e-mail: zhu@cabero.cn http://www.cabero.de

Reference		Date 2021.05
Room Size		
Model	**BCH4D3/35.N5**	Version: 1

Capacity		7429	W
Sensible Capacity		5264	W
Latent Capacity		2165	W
Sensible/Total Capacity Ratio		0.71	
Quantity of Produced Water		3	kg/h
Exchange Surface		69	m²
Global Exchange Coefficient		17.8	W /(m² k)
Fins / Tubes Meterial		Al / Copper	
Fin Thickness		0.2	mm
Fin Pitch		4	mm
DTML		6.1	°C
Coil Internal Volume		15	L
L x W x H		2280*560*500	mm
Net Weight			kg
Air side			
Altitude		0	m
Volumetric Air Flow		6840	m³/h
Mass Air Flow		8754	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		3*350	mm
Motor Capacity		3*0.14=0.42	kW, 230V-1Ph-50Hz
Run speed		1400	RPM
Noise power lever		77	dB(A)
Defrost			
REFRIGERANT SIDE			
Fluid		Ethylene glycol 35%	
Volumetric Fluid flow		1.2	m³/h
Mass Fluid Flow		1266	kg/h
Fluid Velocity		0.6	m/s
Fluid inlet Temperature	φ 22.0	-8	°C
Fluid outlet Temperature	φ 22.0	-2	°C
Fluid Pressure Drop		34	kPa

Accessories