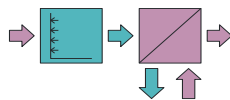




Capacity	kW	137.969	----- sensible:	137.969
Surface reserve	%	1.452	latent:	0.000
Present surface	m2	341.218		
Required surface	m2	336.335		
k-coeff.	W/m2K	29.182		
Average temp. diff.	K	14.057		



Company
Branch
Street
Country / ZIP / City

Phone: xxxxxxxxxx
Fax: xxxxxxxxxx
E-Mail
Homepage

City, 9.4.2021
With the compliments of

Representative
Direct dialing
xxxxxxxxxx

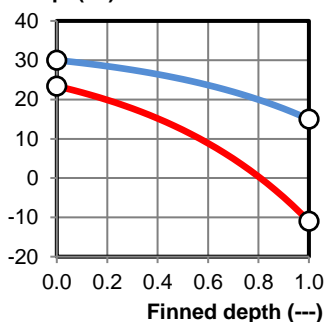
Plant
Object
Position

Air humid (ff=0.00005 m2K/W)		Inlet	Outlet	Definition
Height over sea level	m			0.000
Pressure	hPa			1013.250
Temp.	°C	-11.000	23.400	20.000
Rel. humidity	%	90.000	7.396	40.000
Abs. humidity	g/kg	1.306	1.306	5.784
Density humid	kg/m3	1.345	1.189	1.200
Enthalpy humid	kJ/kg	-7.827	26.875	34.805
Volume flow humid	m3/h	10654.557	12052.622	12000.000
Mass flow dry	kg/h	14313.370	14313.370	14313.370
Velocity	m/s	1.822	2.062	2.053
Pressure drop dry	Pa		46.684	
Pressure drop wet	Pa		46.684	
Evaporation total	kg/h		0.000	(15.000 °C)

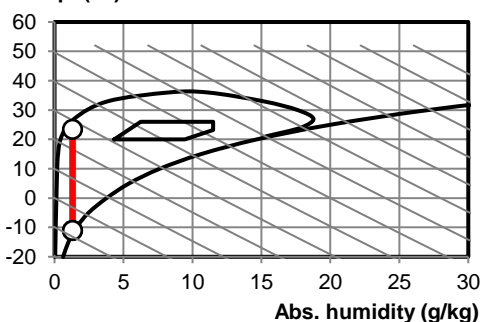
Water (ff=0.00005 m2K/W)

Temp. in	°C	30.000
Temp. out	°C	15.000
Density	kg/m3	998.204
Spec. heat	kJ/kgK	4.181
Heat cond.	W/mK	0.598
Viscosity	Pas	1.001E-03
Volume flow	m3/h	7.934
Velocity	m/s	0.652
Pressure drop	kPa	12.773

Temp. (°C)

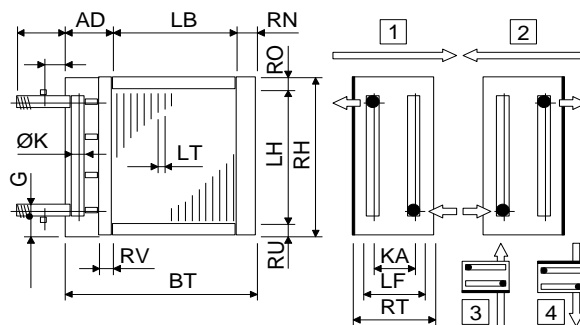
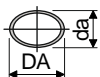


Temp. (°C)



Technical data

Tubes total	Piece	256	Tubes:	Cu
Tubes blank	Piece	0	Tubes:	smooth
Int. vent./drains	Piece	0	Tubes:	in line
Tube rows on the depth	Piece	8	Tubes:	circular
Tube rows on the height	Piece	32	Collectors:	1.08 m/s Cu
Tube coupling in series	Piece	8	Connections:	1.08 m/s Rg7
Number of circuits (NC)	Piece	32	Fins:	Al
Volume	l	48	Fins:	smooth
Weight	kg	184	Frame:	2.00 mm FeZn
Connections	G	2"	Circulations:	1 Default
Frame height	RH	mm 1200	Protection:	without
Frame width	BT	mm 1628	Protection:	---
Frame depth	RT	mm 330	Air flow direction:	horizontal
Finned height	LH	mm 1120		
Finned width	LB	mm 1450		
Finned depth	LF	mm 280		
Frame on top	RO	mm 40		
Frame on bottom	RU	mm 40		
Frame in front	RV	mm 30		
Frame on back (~53mm)	RN	mm 53		
Collector-Diameter	K	mm 54		
Collector covering	AD	mm 125		
Collector distance	KA	mm 245		
Fin spacing	LT	mm 2.500		
Fin thickness	LD	mm 0.200		
Tube diameter	DA	mm 12.400		
Tube diameter	da	mm 12.400		
Tube thickness	S	mm 0.400		
Tube interval on the height	S1	mm 35.000		
Tube interval on the depth	S2	mm 35.000		



Delivery: 5-6 weeks
Validity: 12 weeks
Condit.: net, prepaid address
Payment: 30 days net
Price net: EUR 2570.00