



Capacity	kW	57.151	----- sensible:	57.151
Surface reserve	%	1.251	latent:	0.000
Present surface	m2	341.218		
Required surface	m2	337.001		
k-coeff.	W/m2K	16.126		
Average temp. diff.	K	10.516		

Company
Branch
Street
Country / ZIP / City

Phone: xxxxxxxxxx
Fax: xxxxxxxxxx
E-Mail
Homepage

City, 09.04.2021
With the compliments of

Representative
Direct dialing
xxxxxxxxxx

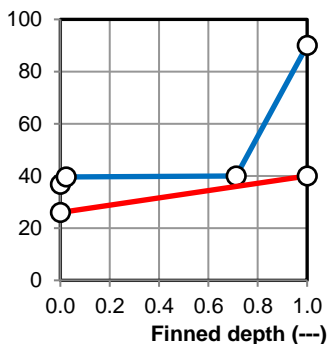
Plant
Object
Position

Air humid (ff=0.00005 m2K/W)		Inlet	Outlet	Definition
Height over sea level	m			0.000
Pressure	hPa			1013.250
Temp. (26.000)	°C	26.000	40.000	20.000
Rel. humidity (50.000)	%	50.000	22.812	40.000
Abs. humidity (10.463)	g/kg	10.463	10.463	5.784
Density humid	kg/m3	1.172	1.120	1.200
Enthalpy humid	kJ/kg	52.835	67.209	34.805
Volume flow humid	m3/h	12336.843	12914.178	12000.000
Mass flow dry	kg/h	14313.370	14313.370	14313.370
Velocity	m/s	2.110	2.209	2.053
Pressure drop (dry 54 Pa)	Pa		53.855	
Evaporation total	kg/h		0.000	(15.000 °C)

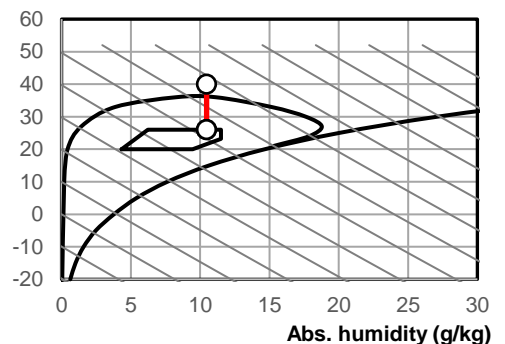
Agent (ff=0.00005 m2K/W)

R410A	%	99.500
Oil ISO VG32	%	0.500
Pressure	bar	24.187
Hot gas	°C	90.000
Condensation"	°C	40.000
Condensation'	°C	39.882
Subcooling	°C	37.000
Mass flow	kg/h	895.072
Volume flow in	m3/h	8.682
Volume flow out	m3/h	0.918
Pressure drop (0.238 bar)	K	0.406

Temp. (°C)

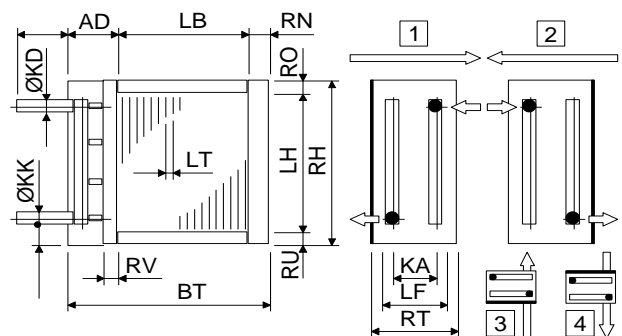


Temp. (°C)


Technical data

Tubes total	Piece	256
Tubes blank	Piece	0
Tube rows on the depth	Piece	8
Tube rows on the height	Piece	32
Tube coupling in series	Piece	8
Number of circuits (NC)	Piece	32
Volume	l	44
Weight	kg	180
Steam connection	KD	mm 35
Cond. connection	KK	mm 28
Frame height	RH	mm 1200
Frame width	BT	mm 1609
Frame depth	RT	mm 310
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 covering	AD	mm 106
Collector distance	KA	mm 245
Fin spacing	LT	mm 2.500
Fin thickness	LD	mm 0.200
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

Tubes:	smooth	Cu
Tubes:	in line	
Collectors:		Cu
Connections:		Cu
Fins:	smooth	Al
Frame:	2.0 mm	FeZn
Circulations:	1	Standard
Air flow direction:		horizontal
Protection:		without



Delivery:	5-6 weeks
Validity:	12 weeks
Condit.:	net, prepaid address
Payment:	30 days net
Price net:	EUR 2502.00