



Capacity	kW	61.435	----- sensible:	40.184
Surface reserve	%	0.087	latent:	18.613
Present surface	m2	255.913	frost:	2.638
Required surface	m2	255.690	0.5 % Oil ISO VG32	
k-coeff.	W/m2K	24.310		
Average temp. diff. ( 100.00 % )	K	9.884		

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

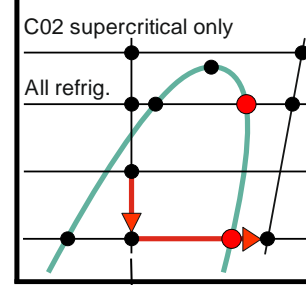
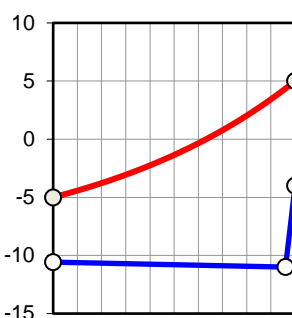
Object

Position

Air humid (ff=0.00005 m2K/W)		Inlet	Outlet	Definition
Height over sea level	m			0.000
Pressure	hPa			1013.250
Temp.	°C	5.000	-5.000	20.000
Rel. humidity	%	80.000	99.452	40.000
Abs. humidity	g/kg	4.320	2.455	5.784
Density humid	kg/m3	1.265	1.314	1.200
Enthalpy humid	kJ/kg	15.873	1.085	34.805
Volume flow humid	m3/h	11359.457	10918.476	12000.000
Mass flow dry	kg/h	14313.370	14313.370	14313.370
Condensate flow	kg/h		26.699	
Surface temperature	°C	-4.367	-8.318	
Velocity	m/s	1.943	1.868	2.053
Pressure drop (dry 35 Pa)	Pa		39.124	

## R410A Evaporation 5.531 bar (ff=0.00005 m2K/W)

Condensate"	°C	30.000
Condensate'	°C	29.881
Subcooling	°C	27.000
Evaporation"	°C	-11.000
Superheating	°C	-4.000
Mass flow	kg/h	1224.361
Volume flow	m3/h	57.772
Velocity	m/s	6.327
Pressure drop Evaporation	K	0.500
Pressure drop Capillary	bar	3.300

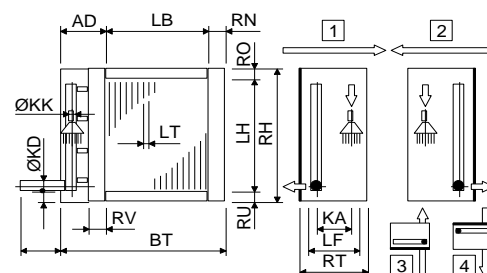


Part of steam on the inject point 25.52 %

## Technical data

Tubes total	Piece	192
Tubes blank	Piece	0
Tube rows on the depth	Piece	6
Tube rows on the height	Piece	32
Tube coupling in series	Piece	8
Number of circuits (NC)	Piece	24
Volume	l	35
Weight	kg	145
Cond. connection	KK	mm 28
Steam connection	KD	mm 54
Frame height	RH	mm 1200
Frame width	BT	mm 1628
Frame depth	RT	mm 260
Finned height	LH	mm 1120
Finned width	LB	mm 1450
Finned depth	LF	mm 210
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 125
Collector distance	KA	mm 175
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:	Cu
Tubes:	smooth
Tubes:	in line
Collectors:	Cu
Connections:	Cu
Fins:	Al
Fins:	smooth
Frame:	2.0 mm AISI 304
Circulations:	1 Default
Capillary:	5.00 x 1.00 x 1320.00 mm
Protection:	without
Protection:	---
Air flow direction:	horizontal



Delivery:	5-6 weeks
Validity:	12 weeks
Condit.:	net, prepaid address
Payment:	30 days net
Price net:	EUR 2169.00