

Capacity	kW	61.406	----- sensible:	40.184
Surface reserve	%	0.527	latent:	18.614
Present surface	m2	215.069	frost:	2.608
Required surface	m2	213.941	0.5 % Oil ISO VG32	
k-coeff.	W/m2K	36.761		
Average temp. diff.	K	7.808		



Company
Branch
Street
Country / ZIP / City

Phone: xxxxxxxxxxxx

Fax: xxxxxxxxxxxx

E-Mail

Homepage

City, 09.04.2021

With the compliments of

Representative

Direct dialing

xxxxxxxxxx

Plant

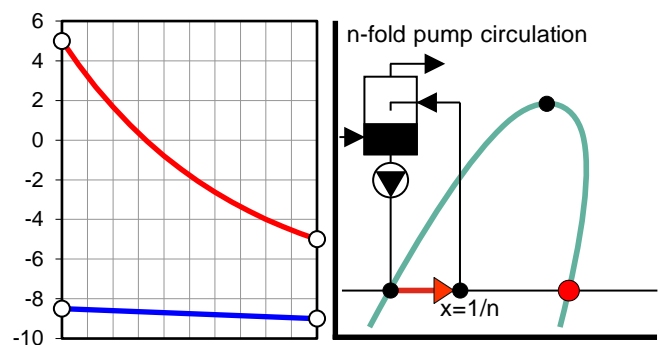
Object

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	99.447	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	1.084	34.805
Volume flow humid	m3/h	11359.457	10918.474	12000.000
Mass flow dry	kg/h	14313.370	14313.370	14313.370
Condensate flow	kg/h		26.701	
Surface temperature	°C	-6.289	-8.347	
Velocity	m/s	1.943	1.868	2.053
Pressure drop (dry 30 Pa)	Pa		34.413	

R410A Evaporation 5.927 bar (ff=0.00005 m2K/W)

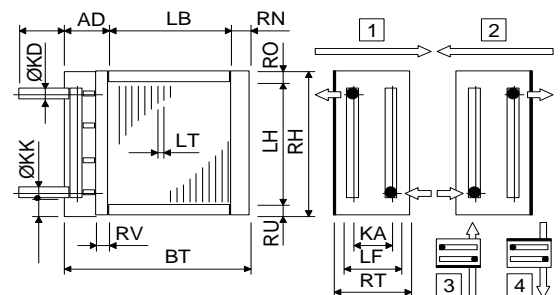
Inlet	°C	-8.494
Outlet	°C	-9.000
Pump circulation factor	n	3.000
Mass flow	kg/h	2873.232
Volume flow in	m3/h	2.387
Volume flow out	m3/h	43.795
Velocity in	m/s	0.261
Velocity out	m/s	4.796
Pressure drop Evaporation	K	0.506



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	36
Weight	kg	137
Cond. connection	KK	mm 42
Steam connection	KD	mm 64
Frame height	RH	mm 1200
Frame width	BT	mm 1638
Frame depth	RT	mm 270
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 135
Collector distance	KA	mm 175
Fin spacing	LT	mm 3.000
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
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 2117.00