



Capacity	kW	275.732
Surface reserve	%	4.272
Present surface	m2	53.325
Required surface	m2	51.140
k-coeff.	W/m2K	40.873
Average temp. diff. (99.81 %)	K	131.914

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

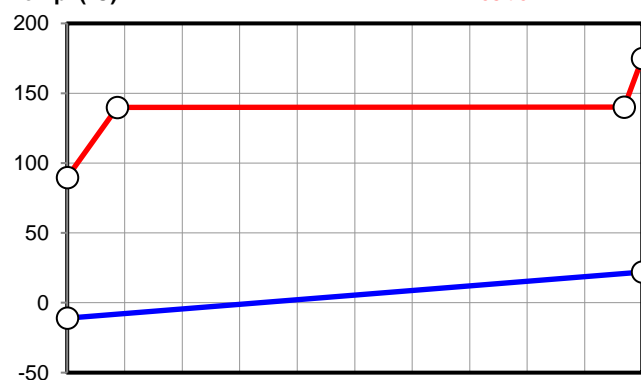
Air humid (ff=0.00005 m2K/W)

		Inlet	Outlet	Definition
Height over sea level	m			0.000
Pressure	hPa			1013.250
Temp.	°C	-11.000	22.000	20.000
Rel. humidity	%	90.000	8.049	40.000
Abs. humidity	g/kg	1.306	1.306	5.784
Density humid	kg/m3	1.345	1.195	1.200
Enthalpy humid	kJ/kg	-7.827	25.462	34.805
Volume flow humid	m3/h	22196.994	24991.092	25000.000
Mass flow dry	kg/h	29819.521	29819.521	29819.521
Velocity	m/s	1.133	1.276	
Pressure drop	Pa		12.863	

Steam 3.62 bar (ff=0.0001 m2K/W)

Hot gas	°C	175.000
Condensation"	°C	140.000
Condensation'	°C	140.000
Subcooling	°C	90.000
Mass flow	kg/h	407.982
Density"	kg/m3	1.967
Density'	kg/m3	926.134
Volume flow"	m3/h	207.439
Volume flow'	m3/h	0.441
Pressure drop (0.020 bar)	K	0.200

Temp. (°C)

**Technical data**

Tubes total		Piece	280
Tube rows on the depth		Piece	7
Tube rows on the width		Piece	40
Depth	T	mm	242
Width	B	mm	1600
Height	H	mm	3400
Traverse spacing	D	mm	500.000
Traverse thickness		mm	2.000
Steam connection		mm	76.100
Cond. connection		mm	21.300
Volume		l	162
Weight		kg	409
Tube diameter		mm	16.400
Tube thickness		mm	1.000
Tube interval on the width		mm	40.000
Tube interval on the depth		mm	34.641

Tubes: AISI 304
Tubes: smooth
Tubes: staggered
Collectors: AISI 304
Connections: AISI 304
Circulations: 1 Default

