



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

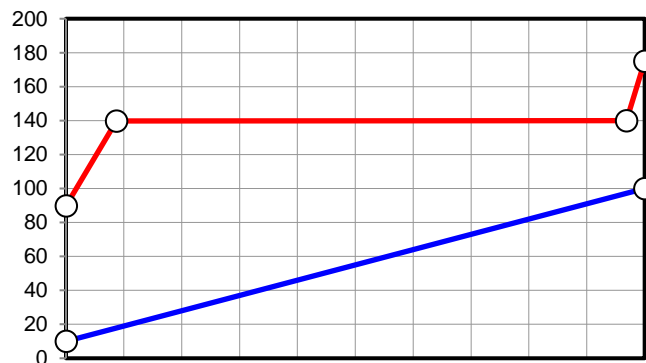
Position

Air humid (ff=0.00005 m2K/W)		Inlet	Outlet	Definition
Height over sea level	m			0.000
Pressure	hPa			1013.250
Temp.	°C	10.000	100.000	10.000
Rel. humidity	%	80.000	0.972	80.000
Abs. humidity	g/kg	6.090	6.090	6.090
Density humid	kg/m3	1.242	0.942	1.242
Enthalpy humid	kJ/kg	25.402	117.225	25.402
Volume flow humid	m3/h	25000.000	32946.038	25000.000
Mass flow dry	kg/h	30857.601	30857.601	30857.601
Velocity	m/s	1.447	1.907	
Pressure drop	Pa		31.003	

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	1164.564
Density"	kg/m3	1.967
Density'	kg/m3	926.134
Volume flow"	m3/h	592.124
Volume flow'	m3/h	1.257
Pressure drop (0.021 bar)	K	0.204

Temp. (°C)



Technical data

Tubes total	Piece	200	Tubes:	smooth	AISI 304
Tube rows on the depth	Piece	5		staggered	
Tube rows on the width	Piece	40	Collectors:		AISI 304
Finned depth	LF	mm	Connections:		AISI 304
Finned width	LB	mm	Fins:	smooth	Al
Finned height	LH	mm	Frame:	2.0 mm	AISI 304
Steam connection	mm	139.700	Circulations:	1	Default
Cond. connection	mm	33.700	Protection:		without
Frame on top	mm	190			---
Frame on bottom	mm	90			
Frame left	mm	50			
Frame right	mm	50			
Frame depth	RT	mm			
Frame width	BT	mm			
Frame height	RH	mm			
Volume	l	179			
Weight	kg	604			
Fin spacing	LT	mm			
Fin thickness	mm	0.200	Delivery:		5-6 weeks
Tube diameter	mm	16.400	Validity:		12 weeks
Tube thickness	mm	1.000	Condit.:		net, prepaid address
Tube interval on the width	mm	40.000	Payment:		30 days net
Tube interval on the depth	mm	34.641	Price net:		EUR 11670.00

