

DATA	19.03.2019
CUSTOMER	
REFERENCE	

<b>Evaporator Model</b>		<b>P7-20 Ev-F</b>	
Number of circuits		1	1
Requested capacity	kW	14,95	
Margin	%	0	
PED category		---	

<b>INPUT DATA</b>		<b>PRIMARY SIDE</b>	<b>SECONDARY SIDE</b>
<b>Refrigerant</b>		R407C	
Evaporating Temperature	°C	5 (Dew)	
Evaporating Pressure	bar A	5,469	
Superheating	K	5	
Condensing Temperature	°C	45 (Dew)	
Condensing Pressure	bar A	17,536	
Subcooling	K	5	
Pressure drop	kPa	27	
<b>Fluid</b>			WATER
Inlet Temperature	°C		15
Outlet Temperature	°C		10
Flow rate	m <sup>3</sup> /h		2,57
Pressure drop	kPa		30,3
Fouling factor	(m <sup>2</sup> K)/W		0,000043
Velocity (Inside)	m/s	---	0,28
Exchange coefficient	W/(m <sup>2</sup> K)	3123	8511
DTML	°C		7,21

**WARNING**

No warnings

**DIMENSIONS**

Surface	m <sup>2</sup>	1,400	
Weight	kg	6	
Channel volume	dm <sup>3</sup>	1,1	1,2
Height	mm	526	
Width	mm	120	
Depth	mm	53,4	
Connections		ODS 22/ODS 35	1.1/4" G/1.1/4" G

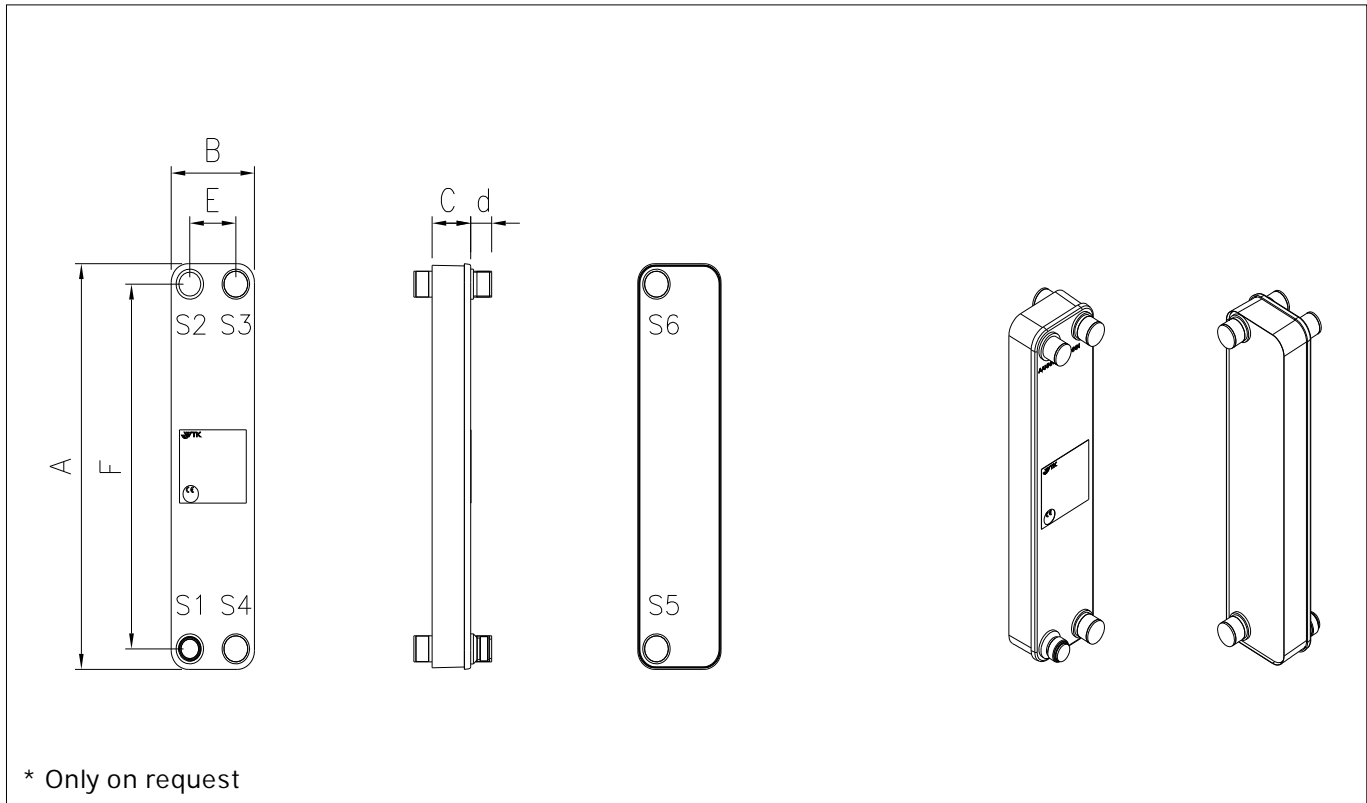
**OFFER**

Unit net price	Euro	
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**NOTES**

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**DRAWING**

**DIMENSIONS (mm)**
**DATA**

A	526	S1	ODS 22	Surface	m?	1,400
B	120	S2	ODS 35	Weight	kg	6
C	53,4	S3	1.1/4" G			
E	66	S4	1.1/4" G			
F	473	S5*	1.1/4" G			
G	--	S6*	1.1/4" G			
d	27	S7	--			
		S8	--			

This software is only to be used as an assistance and does not replace the necessary specialist knowledge and experience when designing heat exchangers. We continuously work in order to improve and correct the software. Nevertheless we cannot guarantee its absolute infallibility. Therefore the use of the program is at the user's risk.