

DATA	19.03.2019
CUSTOMER	
REFERENCE	

Evaporator Model		P7-40 Ev-F
Number of circuits		1 1
Requested capacity	kW	30,26
Margin	%	0
PED category		---

INPUT DATA		PRIMARY SIDE	SECONDARY SIDE
Refrigerant		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	31	
Fluid			WATER
Inlet Temperature	°C		15
Outlet Temperature	°C		10
Flow rate	m³/h		5,20
Pressure drop	kPa		32,7
Fouling factor	(m² K)/W		0,000043
Velocity (Inside)	m/s	---	0,29
Exchange coefficient	W/(m² K)	3110	8578
DTML	°C		7,21

WARNING

No warnings

DIMENSIONS

Surface	m²	2,800	
Weight	kg	10	
Channel volume	dm³	2,3	2,4
Height	mm	526	
Width	mm	120	
Depth	mm	101,4	
Connections		ODS 22/ODS 35	1.1/4" G/1.1/4" G

OFFER

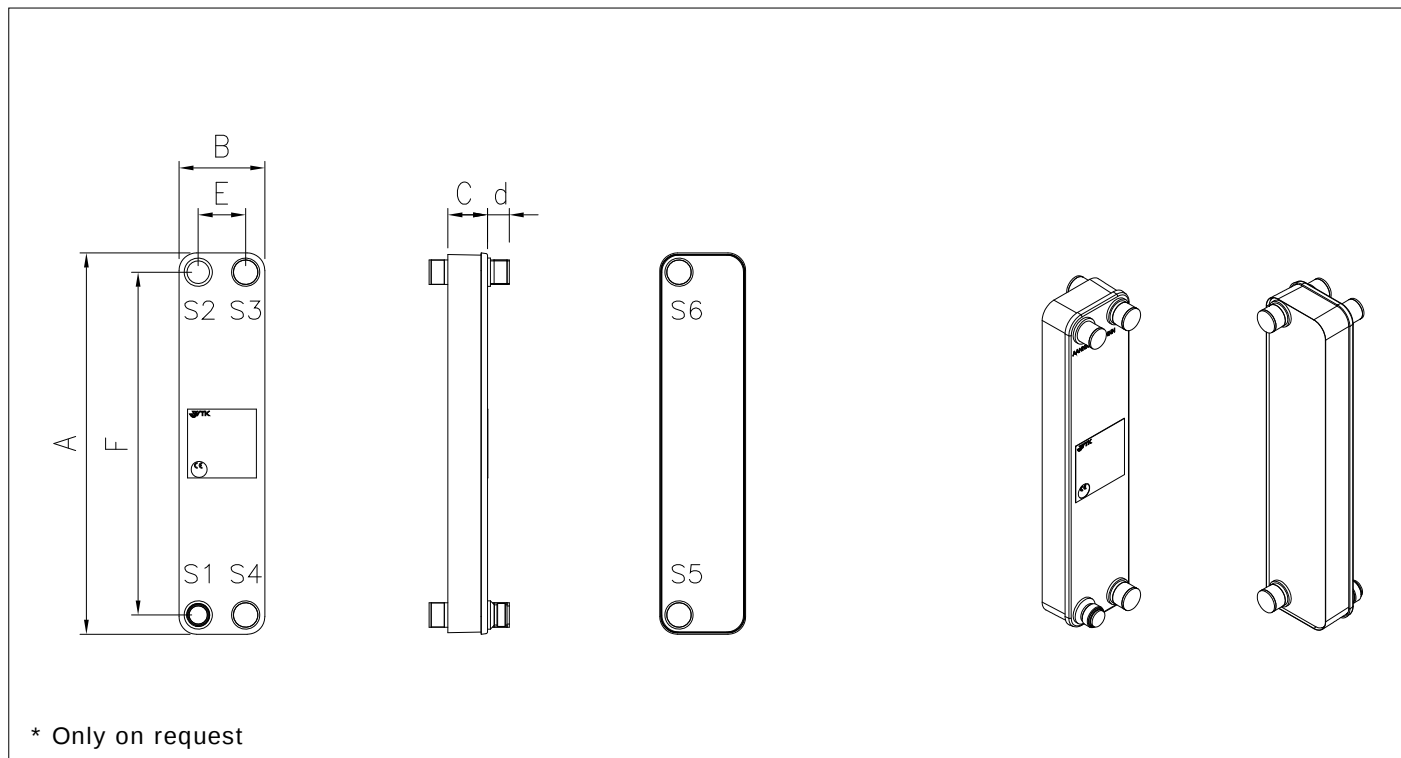
Unit net price	Euro	
----------------	------	--

NOTES

--

DATA	19.03.2019
CUSTOMER	
REFERENCE	

DRAWING



DIMENSIONS (mm)

DATA

A	526	S1	ODS 22	Surface	m?	2,800
B	120	S2	ODS 35	Weight	kg	10
C	101,4	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.