



SCP-Fisa tehnica de dimensionare

3/2/2022
Poz.2

TIP SCP	NPT4-IT10-14-TL	Agent cald	Agent rece
Debit	(m3/h)	3.30	1.30
Temperatura intrare	(°C)	80.00	10.00
Temperatura iesire	(°C)	60.00	60.00
Pierdere de presiune	(bar)	0.26	0.07
Putere termica	(kW)	75	

Proprietati termodinamice		Apa	Apa
Densitate	(kg/m ³)	978.06	993.72
Caldura specifica	(kJ/kg*K)	4.19	4.18
Conductivitate termica	(W/m*K)	0.66	0.62
Vascozitate medie	(mPa*s)	0.43	0.72
Vascozitate la perete	(mPa*s)	0.72	0.43
Factor de depuneri	(m ² *K/kW)	0.02	0.02
Factor de dimensionare	%	18.39	
Racord intrare		F1	F3
Racord iesire		F4	F2

Descriere batiu / Placi

Aranjament placi (trecheri*canal)	1	x	7	+	0	x	0
Aranjament placi (trecheri*canal)	1	x	6	+	0	x	0
Numar de placi	14						
Suprafata efectiva de transfer(m ²)	0.50						
Coef. K In functiune / Curat (W/m ² *K)	4,545.09		5,381.09				
Material placi	0.5 mm		AISI 316				
Material garnituri / Temp. max.	EPDM		HANG ON		/	140	
Temp. maxima de functionare (°C)	130.00						
Presiune max. de lucru/ de testare(bar)	10.00		13.00				
Presiunea diferentiala maxima(bar)	10.00						
Certificare	PED						
Volum de lichid (liter)	2						
Lungime batiu (mm)	150		Numar max. de placi admis	15			
Greutate neta (kg)	23						
Tip batiu	IT						
Racorduri agent cald F1/F4 :	1.25 INCH Threaded pipe BSP,		AISI 316				
Racorduri agent rece F3/F2:	1.25 INCH Threaded pipe BSP,		AISI 316				