



SCP-Fisa tehnica de dimensionare

3/2/2022
Poz.6

TIP SCP	NPT4-IT10-34-TL	Agent cald	Agent rece
Debit	(m ³ /h)	7.69	3.03
Temperatura intrare	(°C)	80.00	10.00
Temperatura iesire	(°C)	60.00	60.00
Pierdere de presiune	(bar)	0.27	0.06
Putere termica	(kW)	175	
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)	0.03	0.03
Factor de dimensionare	%	29.65	
Racord intrare		F1	F3
Racord iesire		F4	F2

Descriere batiu / Placi

Aranjament placi (trecheri*canal)	1 x 17 + 0 x 0
Aranjament placi (trecheri*canal)	1 x 16 + 0 x 0
Numar de placi	34
Suprafata efectiva de transfer(m ²)	1.34
Coef. K In functiune / Curat (W/m ² *K)	3,976.96 / 5,156.27
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)	6
Lungime batiu (mm)	250 Numar max. de placi admis 40
Greutate neta (kg)	30
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