



PRODUCTS N°14

Fixed tube-sheet heat exchanger Purpose

- 1.It is applicable to medicine, food, fruit juice beverage, dairy products, wine brewing, bioengineering, daily chemicals, fine chemicals, electronics and other fields.
2. It can be used as heat exchanging equipment for heating, cooling, condensation, evaporation and reboiling.

Structural features:

- 1 It can be divided into vertical type or horizontal type according to installation method.
- 2 It can be divided into expanded tube joint, welding or both of them according to connecting method of heat exchange tube and tube plate.
- 3.Hygiene level stainless steel is adopted as the material, and 304, 304L, 316 , 316L can be selected according to media or customer's requirement.
- 4.It conforms to GMP requirement; the internal wall of barrel has circular arc transition with end enclosure and connecting pipe, ensuring hygiene and no dead angle. 5 The surface roughness of product is usually at Ra 0.8~0.2μm 6. Design can be done for special work conditions.

Technical data sheet for fixed tube-sheet heat exchanger

Nominal diameter DN (mm)	Tube pass quantity N	Pipe quantity		Heat exchanging area (m ²)			
		φ 19×1.5	φ 25×1.5	Total length of heat exchanging pipe L=3m		Total length of heat exchanging pipe L=4.5m	
				φ 19×1.5	φ 25×1.5	φ 19×1.5	φ 25×1.5
325	1	105	57	16	13	24	20
	2	90	48	19	11	28	17
426	1	198	117	38	27	52	41
	2	176	106	31.5	25	47	37
500	1	309	183	55	43	83	64
	2	298	171	53	40	80	60
600	1	459	277	82	65	123	99
	2	446	264	80	62	120	93
700	1	641	378	115	89	172	133
	2	612	370	110	87	164	130

800	1		505		119		178
	2		492		116		174
900	1		643		151		227
	2		634		149		224
1000	1		811		191		286
	2		784		184		277
	4		766		180		270

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