

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.

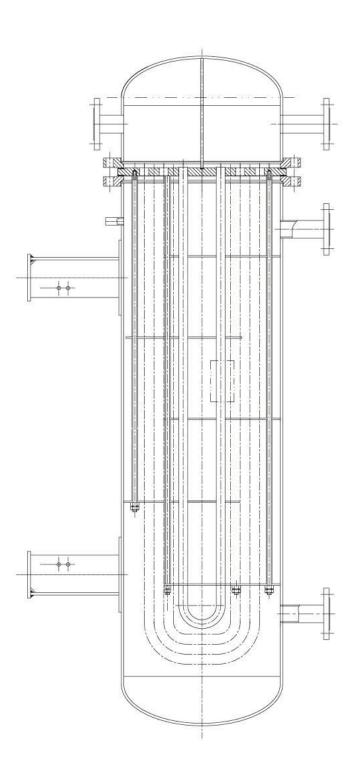
Structural features:

- 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	Pipe quantity		Heat exchanging area (m²)			
		1.402/4.7	1.05./4.5	Total length of heat exchanging pipe L=3m		Total length of	
		φ 19×1.5	ϕ 25×1.5			heat exchanging pipe L=4.5m	
				φ19×1.5	φ25×1.5	ф 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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