

視孔玻璃 SIGHT GLASS

熱交換器

熱交換器可廣泛的應用於石化工業及一般食品，藥類、化學工業，其用途適用於冷卻，凝縮加熱，蒸發及發熱回收等廣泛範圍，因使用條件的不同，其容量、壓力、溫度等變動範圍也頗大因此為適應各種不同用途，就需有各種形式及構造之熱交換器，較具特徵之熱交換器本公司略述如下：

1.多管圓筒形熱交換器：此構造依管板（TUBESHEET）和殼（SHELL）的接合部之形式而分成：

- 一・固定管板式：
- 二・浮動頭式：
- 三・U字管式：

2.雙套管式熱交換器：應用於傳熱面積 $20M^2$ 以下的設計條件。
適用於低壓或低危險性流體。

3.單管式熱交換器：應用於傳熱面積 $20M^2$ 以下的設計條件，
適用於高壓或高危險性流體。

4.鑄管式熱交換器：適用於氣體及熱源之交換。

The Heat Exchanging Utensil

It is suitable for heating, retrieving of steam and scrap heat, and it have been widely used in the field of petrochemical, food, medical and chemical industrial.

Due to the various applications, it is necessary to have different designing in it's form and structure according to the repuested pressure and temperature.

Severl types of special heat exchanging usensils, have been d-eveloped successfully, are listed as follows;

1.Round-pipes heat exchanging utensil:

It's structure is combined with tubesheet and shell:

- (1)Fixed Tubesheet Form:
- (2)Floated Top Form:
- (3)U-tube Form:

2.Jacket-pips's form of the heat exchanging utensil:

It can transmit the heat on the designing term under $20M^2$ area. It's suitable for the low pressure or less dangerous fluid.

3.Single-pipe form of the heat exchanging utensil:

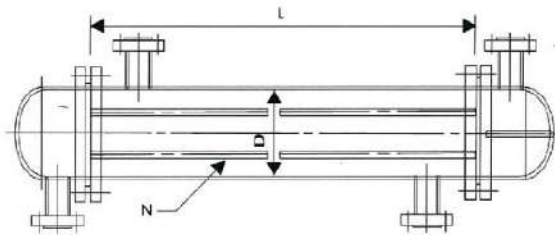
It can transmit the heat on the designing term under $20M^2$ area. It's suitable for the high pressure or dangerous fluid.

4.Fin pipe form of the heat exchanging utensil:

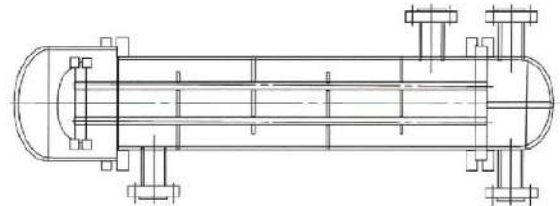
It's suitable for gas.



構造圖 (STRUCTURE DIAGRAM)



固定管板式
FIXED TUBE SHEET TYPE



浮頭式
FLOATING HEAD TYPE



U字管式
U-TUBE TYPE

NOTE:TUBE 材質可選用(SUS 304或SUS 316)

標準型式規格表(SPECIFICATIONS AND DIMENSIONS)

MAX M ² 管體 SHELL(D)	管 TUBE	N=19.0mm		N=25.4mm		MAX M ² 管體 SHELL(D)	管 TUBE	N=19.0mm		N=25.4mm	
		L=3000mm		L=3000mm				L=3000mm		L=3000mm	
		Q'TY	AREA	Q'TY	AREA			Q'TY	AREA	Q'TY	AREA
8B		32	5.7	19	4.5	650		528	94.5	322	77
10B		58	10.3	31	7.4	700		638	114.2	392	93.8
12B		99	17.7	56	13.4	750		704	126	427	102
14B		131	23.5	79	18.9	800		804	143.9	463	111
16B		162	29	92	22	850		913	163.4	555	132.8
450		240	43	139	33.2	900		1036	185.4	615	147.2
500		300	53.7	169	40	950		1162	208	689	164.9
550		370	66.2	211	50.5	1000		1265	226.4	735	176
600		444	79.4	275	65.8	1100		1580	279.2	919	220

附註：除上述規格及尺寸外，可依實際使用情形，設計製造。

Remark: Besides of the above specifications & Dimensions, others can be designed and produced by orders.