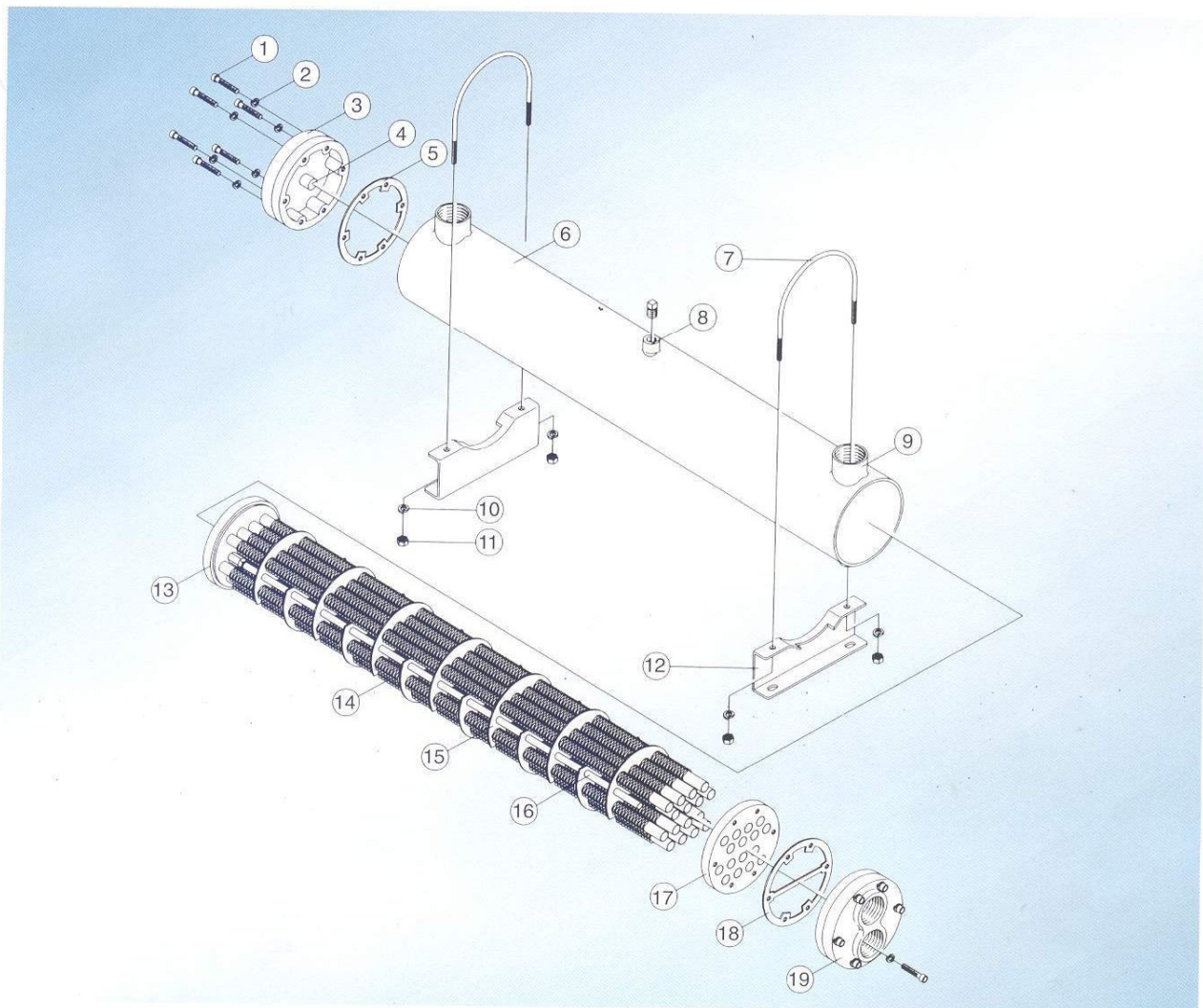




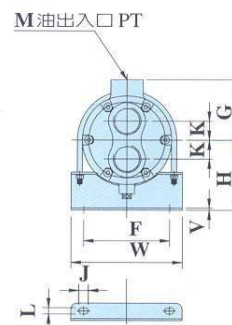
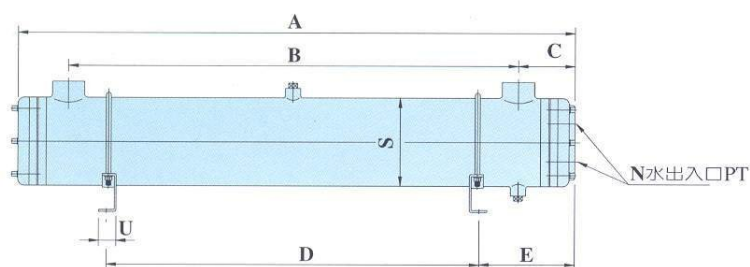
分解圖構造材質



NO	品名中文	Name for the parts	Material (Fresh or sea water)	NO	品名中文	Name for the parts	Material (Fresh or sea water)
1	螺絲	Socket cap screws	SCM(435)	11	螺帽	Nut	NUT
2	墊片	Washer	SPM	12	固定架座	Supporting leg	SS41
3	鑄鐵	End cover for water U-loop	FC20	13	管束端板	Tube end plate	SS41
4	防蝕亞鉛棒	anti-corrosion zinc bar	ZnB	14	冷卻水管	Tube for cooling water	JIS (H3300)(1220T)
5	油封	Oil sealer	NBR	15	導流板	Baffle plate	SS41
6	胴體	Shell-side	BPE	16	固定桿	Supporting rod	SS41
7	固定束架	Supporting hanger	AISI(1006)	17	管束端板	Tube bundle end plate	SS41
8	排氣栓塞	Air vent	SS41	18	O型油封	O-ring	NBR
9	油出入口	Oil port	STPG(370)	19	水側端蓋板	End cover plate for water inlet and outlet	FC20
10	防震墊片	Vibration Absorber	FWL				



● TJ-TYPE SERIES



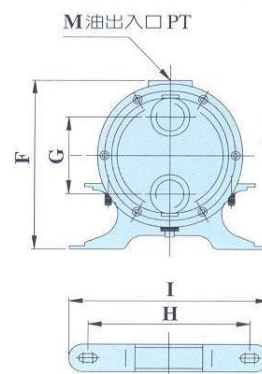
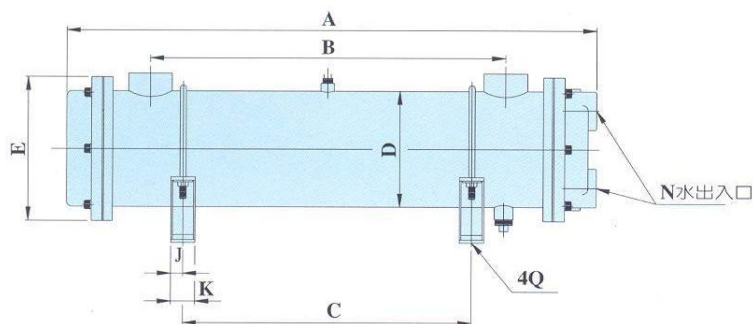
TYPE 型 式	A	B	C	D	E	F	J	G	H	K	L	M	N	S	U	V	W	面積 m ²	流量 ℓ/min	Mass 重量 Kg
TJ-0905- ^A _B	590	408	88	270	150	80	25	63	80	22	10	3/4"	3/4"	89.5	30	2.3	115	0.41	60	10
TJ-0908- ^A _B	880	720	78	500	190	80	25	63	80	22	10	3/4"	3/4"	89.5	30	2.3	115	0.7	100	14
TJ-1405- ^A _B	600	398	100	270	162	140	32	90	110	28	12	1 1/4"	1 1/4"	140.8	40	3.2	176	1.1	150	20
TJ-1408- ^A _B	890	710	85	500	202	140	32	90	110	28	12	1 1/4"	1 1/4"	140.8	40	3.2	176	1.9	250	25
TJ-1412- ^A _B	1310	1110	100	700	303	140	32	90	110	28	12	1 1/2"	1 1/4"	140.8	40	3.2	176	2.9	350	37
TJ-1712- ^A _B	1335	1060	138	700	310	145	32	115	125	32	12	2"	1 1/4"	166.5	40	3.2	200	4.6	600	48
TJ-1716- ^A _B	1745	1510	118	850	460	145	32	115	125	32	12	2"	1 1/4"	166.5	40	3.2	200	6.5	840	56
TJ-1722	2200	1850	160	1650	270	145	32	115	125	32	12	2"	1 1/4"	166.5	40	3.2	200	7.2	1000	72

(註1)A: 使用淡水 B: 使用海水, 須特別訂做。

(註2)另外有一型 HH 型外型尺寸與 TJ 相同, 冷卻管為裸管型。

(註3)不鏽鋼 (#304) 亦可訂做。

● TJF-TYPE SERIES



TYPE 型 式	A	B	C	D	E	F	G	H	I	J	K	M 油出 入口	N 水出 入口	固定 孔 Q	面積 m ²	參考 流量 ℓ/min	Mass 重量 Kg
TJF-2208	950	640	活動	219	265	323	137	290	360	38	50	2"-2 1/2"	1 1/2"-2"	5/8	5.6	800	72
TJF-2212	1370	1060	活動	219	265	323	—	—	—	—	—	2"-2 1/2"	1 1/2"-2"	5/8	8.6	1200	93
TJF-2216	1780	1490	活動	219	265	323	—	—	—	—	—	2"-2 1/2"	1 1/2"-2"	5/8	11.6	1500	118
TJF-2222	2210	1860	活動	219	265	323	—	—	—	—	—	2"-2 1/2"	1 1/2"-2"	5/8	14.6	1800	260
TJF-2508	980	640	活動	270	325	385	160	345	405	38	50	2"-3"	2"	5/8	8.0	1000	100
TJF-2512	1400	1060	活動	270	325	385	160	345	—	—	—	2"-3"	2"	5/8	12.2	1600	146
TJF-2516	1810	1470	活動	270	325	385	160	345	—	—	—	2"-3"	2"	5/8	16.4	1800	168
TJF-2522	2240	1860	活動	270	325	385	160	345	—	—	—	2"-3"	2"	5/8	20.8	2200	260

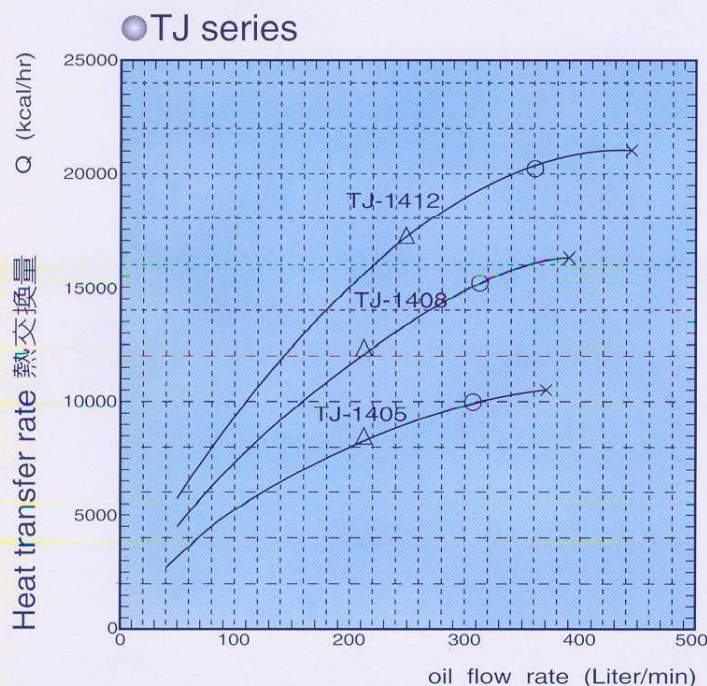
(註1): 不鏽鋼 (#304) 也可訂做。

(註2): 海水用或其他特殊用途, 超過上述參考流量請與本公司聯絡。



The following curves were based on the tests performed by the Energy & Resources Laboratories, Industrial Technology Research Institute, TAIWAN.

以下功能曲線委託工業研究院能源資源研究所測試製作。

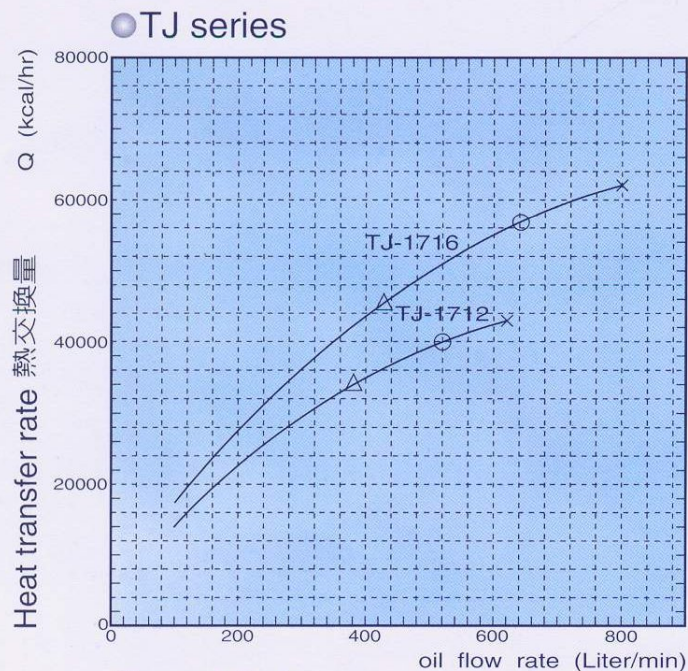


Standard conditions for the performances :

- (1) The volume flow rate of oil is twice as water;
- (2) The outlet temperature of oil is 50°C ;
- (3) The inlet temperature of water is 30°C ;
- (4) The viscosity of oil is ISO-68.

- (1) 油流量(體積流率) 為水的2倍
- (2) 油出口溫度 50°C
- (3) 水入口溫度 30°C
- (4) ISO-68(油粘度 68cST)

Figure-1 Performance curves for TJ-1405, TJ-1408, and TJ-1412



Standard conditions for the performances :

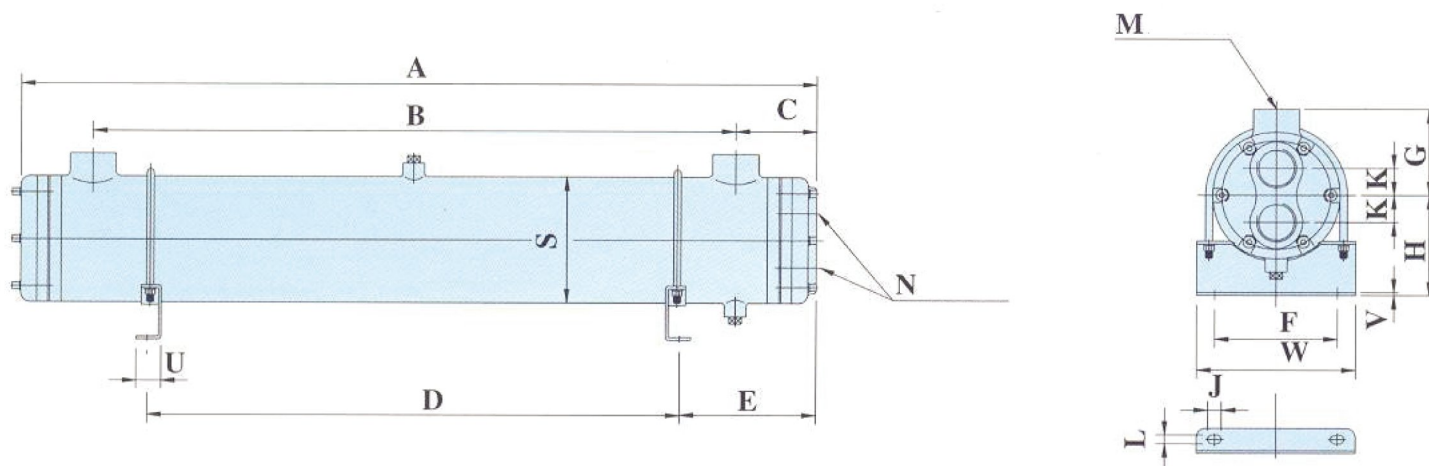
- (1) The volume flow rate of oil is twice as water;
- (2) The outlet temperature of oil is 50°C ;
- (3) The inlet temperature of water is 30°C ;
- (4) The viscosity of oil is ISO-68.

- (1) 油流量(體積流率) 為水的2倍
- (2) 油出口溫度 50°C
- (3) 水入口溫度 30°C
- (4) ISO-68(油粘度 68cST)

Figure-2 Performance curves for TJ-1712 and TJ-1716

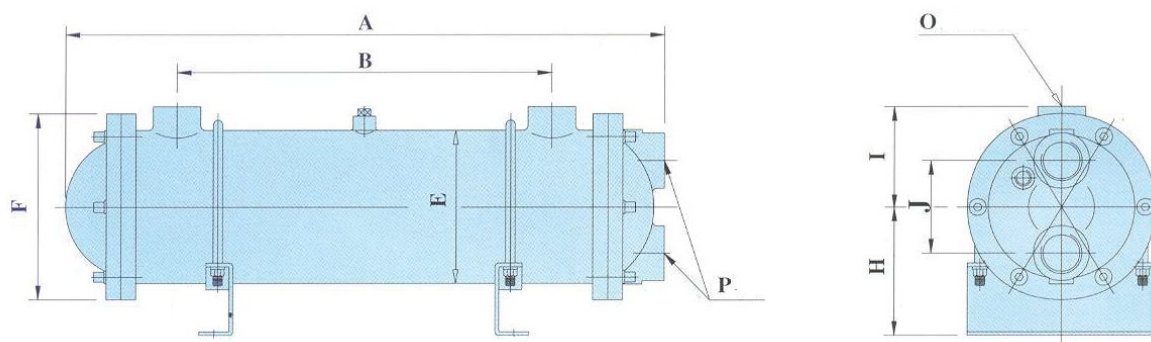
DIMENSIONS

FIN TUBE TYPE OIL COOLERS



TYPE	A	B	C	D	E	F	J	G	H	K	L	M	N	S	U	V	W	m ²	l/min	Kg
TJ-0908	880	720	78	500	190	80	25	63	80	22	10	3/4"	3/4"	89.5	30	2.3	115	0.7	100	14
TJ-1405	600	398	100	270	162	140	32	90	110	28	12	1 1/4"	1 1/4"	140.8	40	3.2	176	1.1	150	20
TJ-1408	890	710	85	500	202	140	32	90	110	28	12	1 1/4"	1 1/4"	140.8	40	3.2	176	1.9	250	25
TJ-1412	1310	1110	100	700	303	140	32	90	110	28	12	1 1/2"	1 1/4"	140.8	40	3.2	176	2.9	350	37
TJ-1712	1335	1060	138	700	310	145	32	115	125	32	12	2"	1 1/4"	166.5	40	3.2	200	4.6	600	48

MULTI TUBE TYPE OIL COOLERS



TYPE	A	B	E	F	J	I	O	P	H	m ²	l/min	Kg
OR-0905	454	305	89.1	121	46	64.5	3/4"	3/4"	64.5	0.7	100	14
OR-0908	555	403	101.6	134	57	71	3/4"	3/4"	73.5	1.1	150	20
OR-1405	575	385	139.8	175	76	93	1 1/4"	1"	108	1.9	250	25
OR-1412	1180	990	139.8	175	76	93	1 1/4"	1"	108	2.9	350	37
OR-1712	1175	950	165.2	207	87	116	2"	1 1/4"	121.5	4.6	600	48
OR-1716	1700	1490	165.2	207	87	116	2"	1 1/4"	121.5	4.6	600	48
OR-1720	2135	1910	165.2	207	87	116	2"	1 1/4"	121.5	4.6	600	48