



Real Tern
Industrial Co., Ltd.

- Heat Exchange Solutions
- New Energy Applications
- Custom Projecting & Service

- 熱交換解決方案
- 新能源解熱應用
- 客製化專案製造



瑞騰工業股份有限公司
Real Tern Industrial Co., Ltd.

Heat Exchanger Leadership



RTSR Series- Industrial Rolled Copper Shell & Tube

1. High-Performance Rolled Copper Tube Design for Exceptional Cooling and Reliable Performance
2. RTSR Series cooler-Fixed tube model
3. High efficient thread-rolling copper tube.
4. Better heat capacity, smaller at size.
5. Applicable to machine tools cooling system.
6. High precision and good quality on tube expanding system.
7. Precise CNC machining equipment,
8. State-of-the-art technology.





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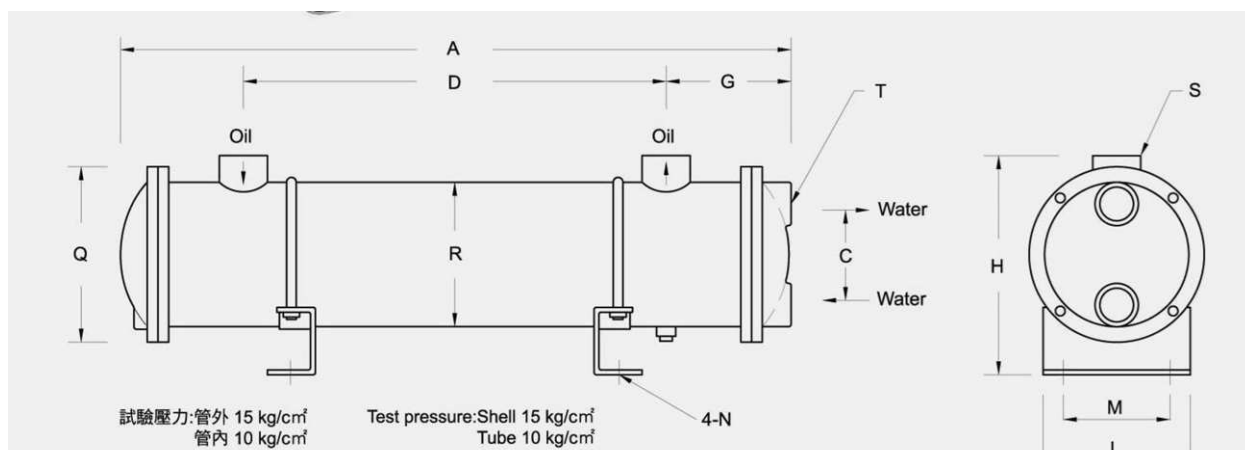
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Dimensions I



Model	A	C	D	G	H	J	K	L	M	N	Q	R	S	T	Weight(kg)
RTSR-304	391	44	216	97	156	32	15	115	58	11x20	123	88.7	3/4"	3/4"	8
305	471		296										9		
307	611		436										10		
309	761		586										12		
311	901		726										14		
RTSR-408	483	70	285	100	205	50	20	160	110	18x22	150	114.3	1-1/4"	1"	13
411	623		425												16
415	773		575												18
418	913		715												20
421	1063		865												23
RTSR-518	640	90	408	120	210	33	17	175	120	14x20	180	139.8	1-1/2"	1"	24
522	790		560												27
526	850		620												28
530	930		700												31
534	1080		850												34
542	1290		1060												39

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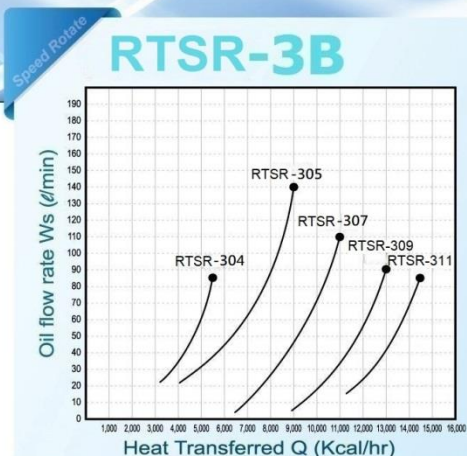
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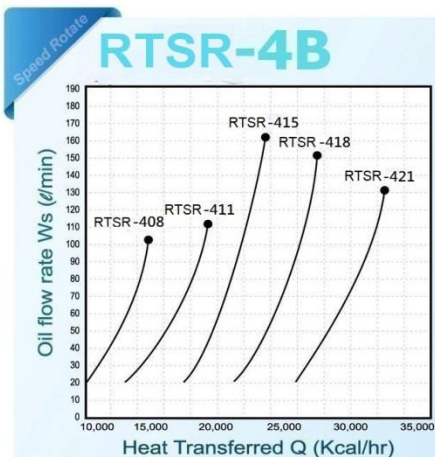
Cooling Performance I



使用條件
Condition

1. 流體 R-68
2. 冷卻水量：(wt) 30l/min
3. 油出口溫度：(T2) 50°C
4. 水入口溫度：(t1) 30°C
5. 油側壓損：0.3~1kg/cm²
6. 水側壓損：0.1~0.3kg/cm²

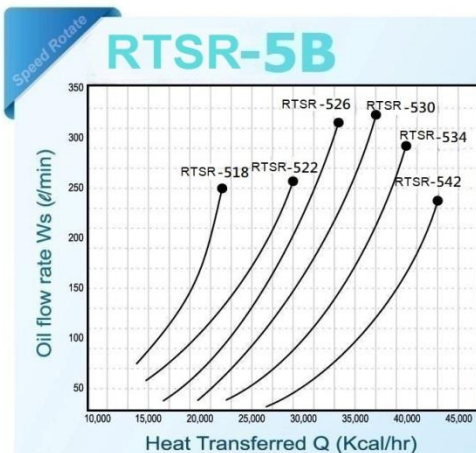
1. Fluid R-68
2. Cooling water: (wt) 30l/min
3. Oil outlet temp: (T2) 50°C
4. Water Inlet Temp: (t1) 30°C
5. Oil Pressure Loss: 0.3~1kg/cm²
6. Water Pressure Loss: 0.1~0.3kg/cm²



使用條件
Condition

1. 流體 R-68
2. 冷卻水量：(wt) 40l/min
3. 油出口溫度：(T2) 50°C
4. 水入口溫度：(t1) 30°C
5. 油側壓損：0.3~1kg/cm²
6. 水側壓損：0.1~0.3kg/cm²

1. Fluid R-68
2. Cooling water: (wt) 40l/min
3. Oil outlet temp: (T2) 50°C
4. Water Inlet Temp: (t1) 30°C
5. Oil Pressure Loss: 0.3~1kg/cm²
6. Water Pressure Loss: 0.1~0.3kg/cm²



使用條件
Condition

1. 流體 R-68
2. 冷卻水量：(wt) 60l/min
3. 油出口溫度：(T2) 50°C
4. 水入口溫度：(t1) 30°C
5. 油側壓損：0.3~1kg/cm²
6. 水側壓損：0.1~0.3kg/cm²

1. Fluid R-68
2. Cooling water: (wt) 60l/min
3. Oil outlet temp: (T2) 50°C
4. Water Inlet Temp: (t1) 30°C
5. Oil Pressure Loss: 0.3~1kg/cm²
6. Water Pressure Loss: 0.1~0.3kg/cm²



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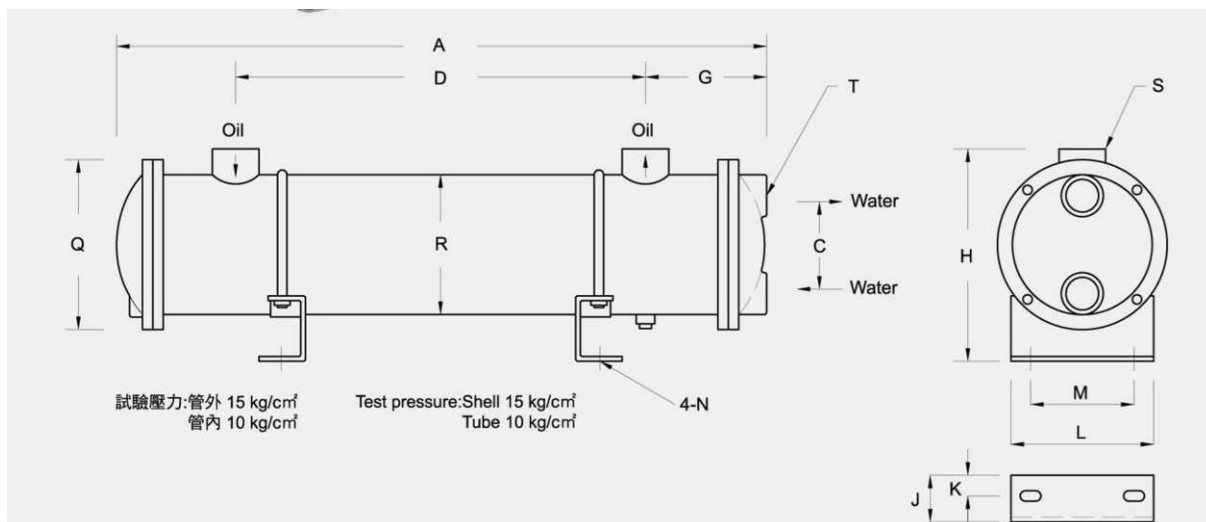


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Dimensions II-A



Model	A	C	D	F	G	H	J	K	L	M	N	P	Q	R	S	T	Weight(kg)
RTSR-625	750	100	400	153	160	132	50	25	200	140	15x25	111	219	166	PT2" OR 10K2B	PT1-1/4"	47
630	910		530														52
640	990		670														56
645	1140		790														61
650	1250		910														64
660	1350		1020														68
665	1450		1110														74
670	1600		1310														79
680	1840		1460														88



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Dimensions II-B

Model	A	C	D	F	G	H	J	K	L	M	N	P	Q	R	S	T	Weight(kg)
RTSR-860	905	100	570	172	175	168	70	35	260	160	15x25	159	275	216.3	PT2-1/2" or 10K2-1/2B	PT1-1/2"	88
870	985		660														95
885	1135		780														106
8100	1245		900														110
8110	1345		1010														116
8120	1445		1100														127
8135	1595		1250														137
8145	1665		1320														148
8160	1835		1490														153
RTSR-10110	1020	120	640	220	215	215	70	35	320	200	15x25	175	325	267	10K3B	PT2"	132
10130	1170		760														145
10145	1280		880														153
10165	1380		990														162
10180	1480		1080														176
10200	1630		1230														190
10210	1700		1300														206
10240	1870		1470														213
10260	1990		1590														224

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Cooling Performance II

