



**URTC SERIES**



**U-TUBE REMOVABLE TUBE BUNDLE**

**HEAT EXCHANGERS**

- Available in a variety of sizes.
- Operating pressure for tubes 150 PSI.
- Operating pressure for shell 150 PSI.
- Operating temperature 350 °F.
- Can be customized to fit your needs.
- Cools: Temperature controllers, high temperature lubrication equipment, etc.

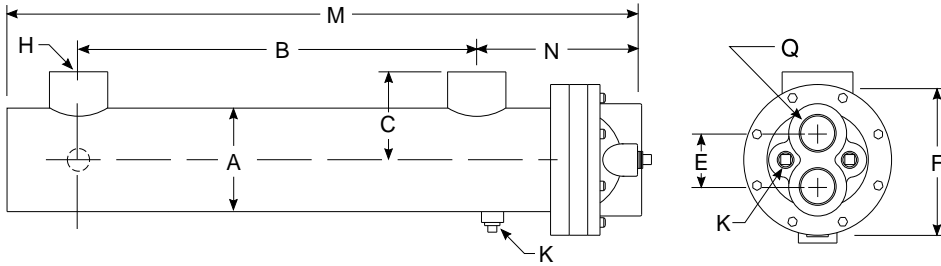
# URTC Series *dimensions*

- 12 standard models available
- 500°F continuous operation
- U-Tube Removable Bundle construction
- Can be modified to fit specific needs

High temperature design heat exchangers for hot oil heating and cooling units for plastic injection molding machines. Heat exchanger allows for a large temperature differential between the hot fluid and cooling fluid making it ideal for high temperature liquid cool down or maintaining liquid at high temperature.

## DIMENSIONS

Model	M	N	Q NPT
URTC-614	18.87		
URTC-624	28.87	5.34	1.00
URTC-630	34.87		
URTC-814	18.75		
URTC-824	28.75	5.59	1.25
URTC-830	34.75		
URTC-1014	18.86		
URTC-1024	28.86	5.71	1.50
URTC-1030	34.86		
URTC-1214	19.16		
URTC-1224	29.16	6.26	2.00
URTC-1230	35.16		



## COMMON DIMENSIONS

Model	A	B	C	E	F	H NPT	K NPT	Tube Dia.	Model
URTC-614-94107 URTC-624-94108 URTC-630-94109	3.25	12.00 22.00 28.00	2.75	2.00	4.25	1.00	(2) .38	.25	URTC-614-94107 URTC-624-94108 URTC-630-94109
URTC-814-94110 URTC-824-94111 URTC-830-94112	4.25	11.25 21.25 27.25	3.25	2.12	6.00	1.50	(4) .38	.25	URTC-814-94110 URTC-824-94111 URTC-830-94112
URTC-1014-94113 URTC-1014-94114 URTC-1024-94115 URTC-1024-94116 URTC-1030-94117 URTC-1030-94118	5.25	11.25 11.25 21.25 21.25 27.25 27.25	3.75	2.38	7.00	1.50	(2) .38	.25 .375 .25 .375 .25 .375	URTC-1014-94113 URTC-1014-94114 URTC-1024-94115 URTC-1024-94116 URTC-1030-94117 URTC-1030-94118
URTC-1214-94119 URTC-1214-94120 URTC-1224-94121 URTC-1224-94122 URTC-1230-94123 URTC-1230-94124	6.25	10.75 10.75 20.75 20.75 26.75 26.75	4.25	2.88	8.00	2.00	(2) .38	.25 .375 .25 .375 .25 .375	URTC-1214-94119 URTC-1214-94120 URTC-1224-94121 URTC-1224-94122 URTC-1230-94123 URTC-1230-94124

## STANDARD CONSTRUCTION MATERIALS & RATINGS

Construction Material	Optional Material	Standard Unit Ratings
Shell	Steel	Operating Pressure Tubes 150 psig Operating Pressure Shell 150 psig Operating Temperature 350 °F
Tubes	Copper	
	90/10 Cu. Ni. / S. Steel	
Baffle	Brass	
End Bonnet	Cast Iron	
	Brass / Stainless Steel	
Gasket	High Temperature Gasket	

## SURFACE AREA

Model Number	Surface Area in Sq.ft.		Model Number	Surface Area in Sq.ft.	
	1 / 4" O.D. Tubing	3 / 8" O.D. Tubing		1 / 4" O.D. Tubing	3 / 8" O.D. Tubing
URTC-614	3.66		URTC-1014	10.99	5.95
URTC-624	6.28	—	URTC-1024	18.85	10.21
URTC-630	7.85		URTC-1030	23.56	12.76
URTC-814	7.02		URTC-1214	14.96	10.99
URTC-824	12.04	—	URTC-1224	25.65	18.84
URTC-830	15.05		URTC-1230	32.07	23.56

NOTE: We reserve the right to make reasonable design changes without notice.