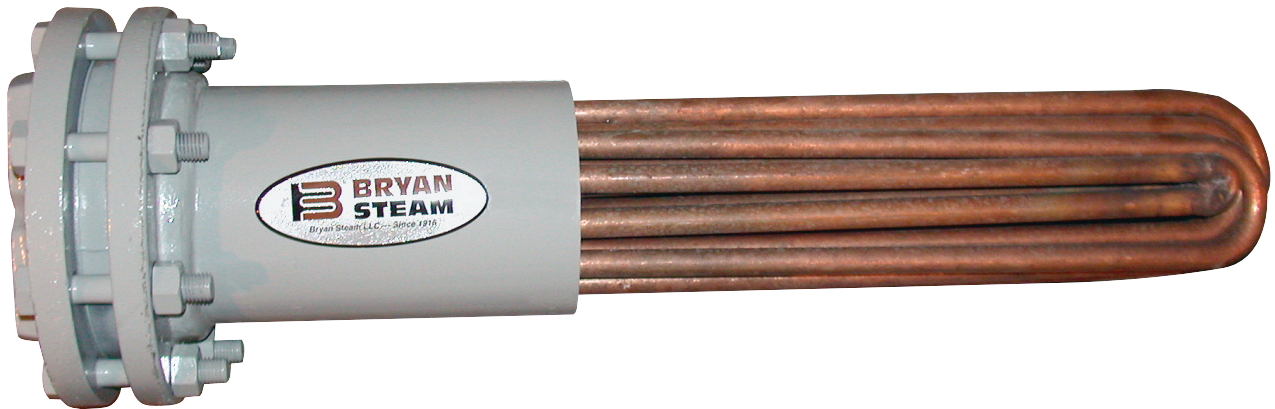




U-Tube Tank Heaters

UT-Series, Water to Water and Steam to Water



Bryan's U-Tube Tank Heaters are built to offer long life and maximum performance in all applications, including service water, space heating, radiation and various process applications.

These instantaneous heaters operate with either water or steam on the tubeside. Bryan offers U-Tube Tank Heaters in sizes ranging from 4" diameter to 12" diameter and lengths up to 10', in both two and four-pass designs.

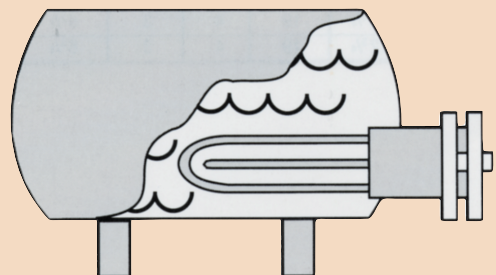
Material of construction

Heads:	Cast Iron
Tube sheets:	Steel
Baffles:	Copper
Bolting:	Steel
Tubes:	3/4" O. D. copper

Units are available with optional materials of construction, such as brass, copper, cupro-nickel or other alloys as specified.

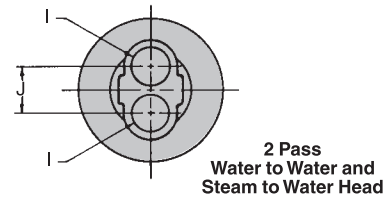
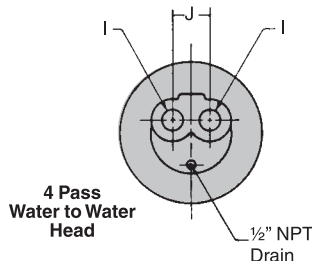
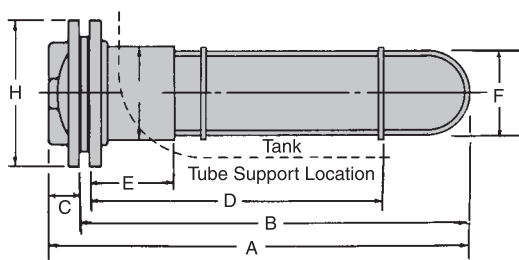
Rating of Standard Units				
Shell Diam.	Maximum Pressure		Shell	Maximum Operating Temperature
	2 pass	4 pass		
4"	150 psi	150 psi	150 psi	375°F
6"	150 psi	150 psi	150 psi	375°F
8"	150 psi	150 psi	150 psi	375°F
10"	125 psi	150 psi	150 psi	375°F
12"	125 psi	150 psi	150 psi	375°F

Consult factory for working pressure and temperature higher than standard, as well as changes resulting from differences in optional construction materials.



This installation diagram shows a typical application of the tank heater installed in the tank. Horizontal or vertical tanks are available with tank heater already mounted.

Bryan U-Tube Tank Heater



Model Number		Dimensions (inches)												Shipping Weight (lbs.)
		A	B	C	D	E	F	G	H	I		J		
2 Pass	4 Pass									2-P	4-P	2-P	4-P	
4 inch Diameter														
UT4-2-2	UT4-2-4	26 3/16	24 1/4	1 15/16	12 1/2	12	4	4 1/2	9	1 1/4	1	2 5/8	2	30
UT4-3-2	UT4-3-4	38 3/16	36 1/4	1 15/16	24 1/8	12	4	4 1/2	9	1 1/4	1	2 5/8	2	35
UT4-4-2	UT4-4-4	50 3/16	48 1/4	1 15/16	36 1/8	12	4	4 1/2	9	1 1/4	1	2 5/8	2	40
UT4-5-2	UT4-5-4	62 3/16	60 1/4	1 15/16	48 1/8	12	4	4 1/2	9	1 1/4	1	2 5/8	2	40
UT4-6-2	UT4-6-4	74 3/16	72 1/4	1 15/16	60 1/8	12	4	4 1/2	9	1 1/4	1	2 5/8	2	45
UT4-7-2	UT4-7-4	86 3/16	84 1/4	1 15/16	55 1/4	12	4	4 1/2	9	1 1/4	1	2 5/8	2	45
6 inch Diameter														
UT6-2-2	UT6-2-4	23 3/8	21	2 3/8	12 1/8	12	6	6 5/8	11	2	1 1/2	3 3/4	2 11/16	60
UT6-3-2	UT6-3-4	35 3/8	33	2 3/8	24 1/8	12	6	6 5/8	11	2	1 1/2	3 3/4	2 11/16	70
UT6-4-2	UT6-4-4	47 3/8	45	2 3/8	36 1/8	12	6	6 5/8	11	2	1 1/2	3 3/4	2 11/16	85
UT6-5-2	UT6-5-4	59 3/8	57	2 3/8	48 1/8	12	6	6 5/8	11	2	1 1/2	3 3/4	2 11/16	95
UT6-6-2	UT6-6-4	71 3/8	69	2 3/8	60 1/8	12	6	6 5/8	11	2	1 1/2	3 3/4	2 11/16	100
UT6-7-2	UT6-7-4	83 3/8	81	2 3/8	55 1/4	12	6	6 5/8	11	2	1 1/2	3 3/4	2 11/16	110
UT6-8-2	UT6-8-4	95 3/8	93	2 3/8	64 1/4	12	6	6 5/8	11	2	1 1/2	3 3/4	2 11/16	125
8 inch Diameter														
UT8-2-2	UT8-2-4	26 3/8	23 1/2	2 3/4	12 1/8	12	8	8 5/8	13 1/2	3	2	4 3/4	3 1/2	105
UT8-3-2	UT8-3-4	38 3/8	35 1/2	2 3/4	24 1/8	12	8	8 5/8	13 1/2	3	2	4 3/4	3 1/2	125
UT8-4-2	UT8-4-4	50 3/8	47 1/2	2 3/4	36 1/8	12	8	8 5/8	13 1/2	3	2	4 3/4	3 1/2	145
UT8-5-2	UT8-5-4	62 3/8	59 1/2	2 3/4	48 1/8	12	8	8 5/8	13 1/2	3	2	4 3/4	3 1/2	160
UT8-6-2	UT8-6-4	74 3/8	71 1/2	2 3/4	60 1/8	12	8	8 5/8	13 1/2	3	2	4 3/4	3 1/2	190
UT8-7-2	UT8-7-4	86 3/8	83 1/2	2 3/4	55 1/4	12	8	8 5/8	13 1/2	3	2	4 3/4	3 1/2	205
UT8-8-2	UT8-8-4	98 3/8	95 1/2	2 3/4	64 1/4	12	8	8 5/8	13 1/2	3	2	4 3/4	3 1/2	230
UT8-9-2	UT8-9-4	110 3/8	107 1/2	2 3/4	73 1/4	12	8	8 5/8	13 1/2	3	2	4 3/4	3 1/2	240
10 inch Diameter														
UT10-2-2	UT10-2-4	28 1/2	24 1/2	3 1/8	12 1/8	12	10 1/8	10 3/4	16	4	3	5 7/8	4 1/2	200
UT10-3-2	UT10-3-4	40 1/2	36 1/2	3 1/8	24 1/8	12	10 1/8	10 3/4	16	4	3	5 7/8	4 1/2	225
UT10-4-2	UT10-4-4	52 1/2	48 1/2	3 1/8	36 1/8	12	10 1/8	10 3/4	16	4	3	5 7/8	4 1/2	240
UT10-5-2	UT10-5-4	64 1/2	60 1/2	3 1/8	48 1/8	12	10 1/8	10 3/4	16	4	3	5 7/8	4 1/2	265
UT10-6-2	UT10-6-4	76 1/2	72 1/2	3 1/8	60 1/8	12	10 1/8	10 3/4	16	4	3	5 7/8	4 1/2	285
UT10-7-2	UT10-7-4	88 1/2	84 1/2	3 1/8	55 1/4	12	10 1/8	10 3/4	16	4	3	5 7/8	4 1/2	310
UT10-8-2	UT10-8-4	100 1/2	96 1/2	3 1/8	64 1/4	12	10 1/8	10 3/4	16	4	3	5 7/8	4 1/2	330
UT10-9-2	UT10-9-4	112 1/2	108 1/2	3 1/8	73 1/4	12	10 1/8	10 3/4	16	4	3	5 7/8	4 1/2	355
UT10-10-2	UT10-10-4	121 1/2	117 1/2	3 1/8	82 1/4	12	10 1/8	10 3/4	16	4	3	5 7/8	4 1/2	375
12 inch Diameter														
UT12-3-2	UT12-3-4	39 9/16	36 1/4	3 5/16	24 1/8	12	12 1/8	12 3/4	19	4	3	6 3/8	5	295
UT12-4-2	UT12-4-4	51 9/16	48 1/4	3 5/16	36 1/8	12	12 1/8	12 3/4	19	4	3	6 3/8	5	350
UT12-5-2	UT12-5-4	63 9/16	60 1/4	3 5/16	48 1/8	12	12 1/8	12 3/4	19	4	3	6 3/8	5	400
UT12-6-2	UT12-6-4	75 9/16	72 1/4	3 5/16	60 1/8	12	12 1/8	12 3/4	19	4	3	6 3/8	5	445
UT12-7-2	UT12-7-4	87 9/16	84 1/4	3 5/16	55 1/4	12	12 1/8	12 3/4	19	4	3	6 3/8	5	490
UT12-8-2	UT12-8-4	99 9/16	96 1/4	3 5/16	64 1/4	12	12 1/8	12 3/4	19	4	3	6 3/8	5	535
UT12-9-2	UT12-9-4	111 9/16	108 1/4	3 5/16	73 1/4	12	12 1/8	12 3/4	19	4	3	6 3/8	5	585
UT12-10-2	UT12-10-4	123 9/16	120 1/4	3 5/16	82 1/4	12	12 1/8	12 3/4	19	4	3	6 3/8	5	640

NOTE: Dimensions and specifications are subject to change without notice. Consult factory for certified dimensions.



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