

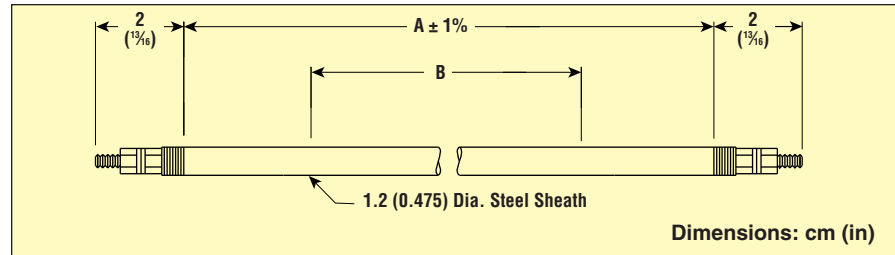
1.2 cm (0.475") DIAMETER ROUND CROSS-SECTION



TRSC Series
Starts at
\$72⁴⁰



Dimensions



- ✓ Steel Sheath
- ✓ 1000 to 2000 Watts
- ✓ 120, 240 and 480 Volt
- ✓ 20 - 22 W/in²
- ✓ 399°C (750°F) Max Sheath Temperature

APPLICATIONS

Versatile tubular elements can be designed for use in most applications. See guidelines in the Tubular Heater Overview section.

ADVANTAGES

The metal sheath isolates and protects the resistor wire from the environment. At the same time it maximizes heat transfer capability to the work. Tubular elements can be bent to put the heat where it works best.

FEATURES

Type 4 Terminals: Standard. Integral parts of the element are of high strength to resist bending during tightening of the wiring connections. Type 4 is threaded extension of the cold pin. See terminal detail drawing in the Tubular Heater Overview section.

Work Temperatures: See Tubular Heater Overview section.

Bending: Customer's minimum inside bending radius is 3.8 cm (1½"). See bending requirements in the Tubular Heater Overview section. If element is to be bent, specify "Must be Annealed."

To Order (Specify Model Number)

Steel Sheath		Watts	Volts	W/in ²	Dimensions: cm (in)		Weight kg (lb)
Model No.	Price				Sheath A	Heated B	
TRSC — 20 W/in²							
TRSC-7085/240V	\$123.00	1667	240	20	178 (70)	138 (54%)	0.8 (1.8)
TRSC-9285/240V	158.00	2225	240	20	234 (92)	193 (76)	1.0 (2.3)
TRSC-9285/480V	192.00	2225	480	20	234 (92)	193 (76)	1.0 (2.3)
TRSC-10885/240V	192.00	2778	240	20	274 (108)	235 (92%)	1.5 (3.3)
TRSC — 22 W/in²							
TRSC-4065/120V	72.40	1000	120	22	102 (40)	71 (28%)	0.5 (1)
TRSC-4065/240V	72.40	1000	240	22	102 (40)	71 (28%)	0.5 (1)
TRSC-4065/480V	72.40	1000	480	22	102 (40)	71 (28%)	0.5 (1)
TRSC-4365/120V	77.90	1250	120	22	111 (43%)	790 (311%)	0.5 (1)
TRSC-4365/240V	77.90	1250	240	22	111 (43%)	790 (311%)	0.5 (1)
TRSC-4365/480V	77.90	1250	480	22	111 (43%)	790 (311%)	0.5 (1)
TRSC-4665/120V	82.55	1300	120	22	117 (46)	87 (34%)	0.5 (1)
TRSC-4665/240V	82.55	1300	240	22	117 (46)	87 (34%)	0.5 (1)
TRSC-4665/480V	82.55	1300	480	22	117 (46)	87 (34%)	0.5 (1)
TRSC-4865/120V	88.20	1350	120	22	122 (48)	92 (36%)	0.7 (1.5)
TRSC-4865/240V	88.20	1350	240	22	122 (48)	92 (36%)	0.7 (1.5)
TRSC-4865/480V	88.20	1350	480	22	122 (48)	92 (36%)	0.7 (1.5)
TRSC-5065/120V	92.20	1400	120	22	127 (50)	97 (38%)	0.7 (1.5)
TRSC-5065/240V	92.20	1400	240	22	127 (50)	97 (38%)	0.7 (1.5)
TRSC-5065/480V	92.20	1400	480	22	127 (50)	97 (38%)	0.7 (1.5)
TRSC-5265/120V	95.10	1450	120	22	132 (52)	102 (40%)	0.7 (1.5)
TRSC-5265/240V	95.10	1450	240	22	132 (52)	102 (40%)	0.7 (1.5)
TRSC-5265/480V	95.10	1450	480	22	132 (52)	102 (40%)	0.7 (1.5)
TRSC-5465/120V	98.00	1500	120	22	138 (54%)	108 (42%)	0.7 (1.6)
TRSC-5465/240V	98.00	1500	240	22	138 (54%)	108 (42%)	0.7 (1.6)
TRSC-5465/480V	98.00	1500	480	22	138 (54%)	108 (42%)	0.7 (1.6)
TRSC-5865/120V	102.00	1670	120	22	147 (58)	117 (46%)	0.7 (1.6)
TRSC-5865/240V	102.00	1670	240	22	147 (58)	117 (46%)	0.7 (1.6)
TRSC-5865/480V	102.00	1670	480	22	147 (58)	117 (46%)	0.7 (1.6)
TRSC-6065/120V	107.00	1750	120	22	152 (60)	122 (48%)	0.7 (1.6)
TRSC-6065/240V	107.00	1750	240	22	152 (60)	122 (48%)	0.7 (1.6)
TRSC-6065/480V	107.00	1750	480	22	152 (60)	122 (48%)	0.7 (1.6)
TRSC-6665/120V	120.00	1875	120	22	168 (66)	130 (51%)	0.8 (1.7)
TRSC-6665/240V	120.00	1875	240	22	168 (66)	130 (51%)	0.8 (1.7)
TRSC-6665/480V	120.00	1875	480	22	168 (66)	130 (51%)	0.8 (1.7)
TRSC-7065/120V	123.00	2000	120	22	178 (70)	148 (58%)	0.8 (1.7)
TRSC-7065/240V	123.00	2000	240	22	178 (70)	148 (58%)	0.8 (1.7)
TRSC-7065/480V	123.00	2000	480	22	178 (70)	148 (58%)	0.8 (1.7)

Ordering Example: TRSC-5065/480V is a 1400 Watt, 480 Volt heater, \$92.20
If element is to be bent, specify "must be annealed."



1.2 cm (0.475") DIAMETER ROUND CROSS-SECTION (cont'd.)



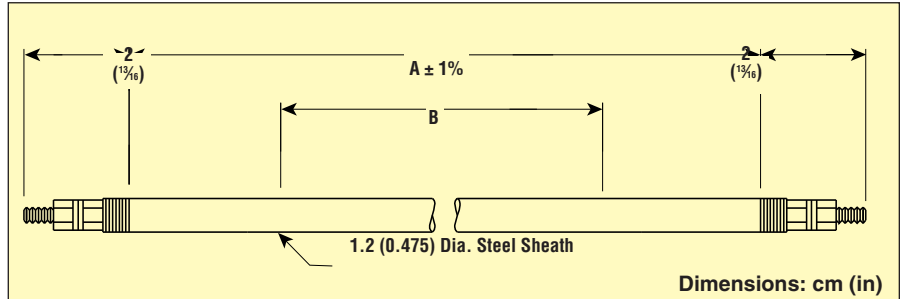
TRSC-9065/120V, 2620 W, shown smaller than actual size, \$210.

TRSC Series
Starts at

\$151



- ✓ Steel Sheath
- ✓ 2120 to 5000 Watts
- ✓ 120, 240 and 480 Volt
- ✓ 22 W/in²
- ✓ 399°C (750°F) Max Sheath Temperature



APPLICATIONS

Versatile tubular elements can be designed for use in most applications. See guidelines in the Tubular Heater Overview, at omega.com/heaters.

ADVANTAGES

The metal sheath isolates and protects the resistor wire from the environment. At the same time it maximizes heat transfer capability to the work. Tubular elements can be bent to put the heat where it works best.

FEATURES

Type 4 Terminals: Standard. Integral parts of the element are of high strength to resist bending during tightening of the wiring connections. Type 4 is threaded extension of the cold pin. See terminal detail drawing in the Tubular Heater Overview, at omega.com/heaters.

Work Temperatures: See Tubular Heater Overview, at omega.com/heaters.

Bending: Customer's minimum inside bending radius is 3.8 cm (1½"). See bending requirements in the Tubular Heater Overview, at omega.com/heaters.

If element is to be bent, specify "Must be Annealed".

MOST POPULAR MODELS HIGHLIGHTED!

To Order (Specify Model Number)							
Steel Sheath		Watts	Volts	W/in ²	Dimensions: cm (in)		Weight kg (lb)
Model No.	Price				Sheath A	Heated B	
TRSC-7465/120V	\$151	2120	120	22	188 (74)	158 (62½)	0.8 (1.8)
TRSC-7465/240V	151	2120	240	22	188 (74)	158 (62½)	0.8 (1.8)
TRSC-7465/480V	151	2120	480	22	188 (74)	158 (62½)	0.8 (1.8)
TRSC-7865/120V	157	2250	120	22	198 (78)	168 (66½)	0.9 (1.9)
TRSC-7865/240V	157	2250	240	22	198 (78)	168 (66½)	0.9 (1.9)
TRSC-7865/480V	157	2250	480	22	198 (78)	168 (66½)	0.9 (1.9)
TRSC-8265/120V	164	2380	120	22	208 (82)	178 (70½)	1.0 (2)
TRSC-8265/240V	164	2380	240	22	208 (82)	178 (70½)	1.0 (2)
TRSC-8265/480V	164	2380	480	22	208 (82)	178 (70½)	1.0 (2)
TRSC-8565/120V	169	2500	120	22	216 (85)	186 (73½)	1.0 (2)
TRSC-8565/240V	169	2500	240	22	216 (85)	186 (73½)	1.0 (2)
TRSC-8565/480V	169	2500	480	22	216 (85)	186 (73½)	1.0 (2)
TRSC-9065/120V	210	2620	120	22	229 (90)	198 (78½)	1.0 (2.2)
TRSC-9065/240V	210	2620	240	22	229 (90)	198 (78½)	1.0 (2.2)
TRSC-9065/480V	210	2620	480	22	229 (90)	198 (78½)	1.0 (2.2)
TRSC-9465/120V	220	2750	120	22	239 (94)	209 (82½)	1.1 (2.4)
TRSC-9465/240V	220	2750	240	22	239 (94)	209 (82½)	1.1 (2.4)
TRSC-9465/480V	220	2750	480	22	239 (94)	209 (82½)	1.1 (2.4)
TRSC-9865/120V	225	2880	120	22	249 (98)	219 (86½)	1.1 (2.4)
TRSC-9865/240V	225	2880	240	22	249 (98)	219 (86½)	1.1 (2.4)
TRSC-9865/480V	225	2880	480	22	249 (98)	219 (86½)	1.1 (2.4)
TRSC-10665/240V	235	3000	240	22	254 (100)	224 (88½)	1.1 (2.5)
TRSC-10665/480V	235	3000	480	22	254 (100)	224 (88½)	1.1 (2.5)
TRSC-10665/240V	235	3120	240	22	269 (106)	239 (94½)	1.1 (2.5)
TRSC-10665/480V	235	3120	480	22	269 (106)	239 (94½)	1.1 (2.5)
TRSC-10865/240V	240	3334	240	22	274 (108)	244 (96½)	1.1 (2.5)
TRSC-10865/480V	240	3334	480	22	274 (108)	244 (96½)	1.1 (2.5)
TRSC-11865/240V	255	2500	240	22	300 (118)	270 (106½)	1.2 (2.6)
TRSC-13465/240V	280	4167	240	22	340 (134)	310 (122½)	1.2 (2.6)
TRSC-16065/240V	325	5000	240	22	406 (160)	376 (148½)	1.2 (2.6)

Note: If element is to be bent, specify "must be annealed."

Ordering Examples: TRSC-9065/120V, 2620 W, 120V heater, \$210.
TRSC-7465/120V, 2120 W, 120V heater, \$151.



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