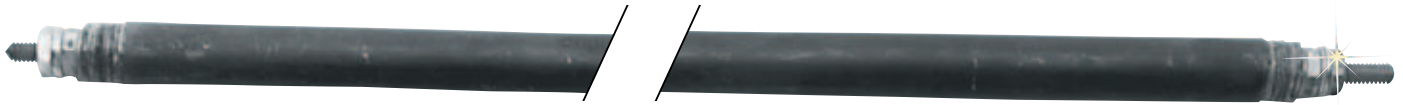


1.2 cm (0.475") DIAMETER ROUND CROSS-SECTION

TRC-2045/120V, \$58,
shown smaller than actual size.



TRC and TRCC Series
Starts at

\$54

- ✓ Copper Sheath
- ✓ 675 to 2500 Watts
- ✓ 120, 208, 240 and 480V
- ✓ 50 W/in²
- ✓ 177°C (350°F) Max Sheath Temperature

APPLICATIONS

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

ADVANTAGES

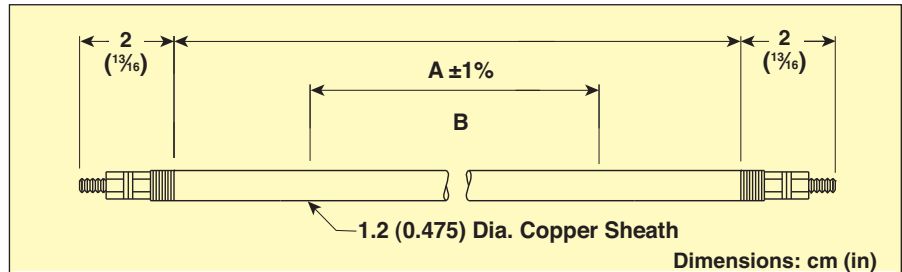
The metal sheath isolates and protects the resistor wire from the environment. At the same time it maximizes heat transfer capability to the work. Tubular elements can be bent to put the heat where it works best.

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 section at omega.com/heaters

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

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



MOST POPULAR MODELS HIGHLIGHTED!

To Order (Specify Model Number)

Watts	Volts	W/in ²	Dimensions: cm (in)		Copper Sheath		Weight kg (lb)
			Sheath A	Heated B	Model No.	Price	
TRC — 50 W/in²							
675	120	50	41 (16)	23 (9/8)	TRC-1645/120V	\$54	0.2 (0.5)
815	120	50	46 (18)	28 (11/8)	TRC-1845/120V	56	0.2 (0.5)
1000	120	50	51 (20)	33 (13/8)	TRC-2045/120V	58	0.2 (0.5)
1000	208	50	51 (20)	33 (13/8)	TRC-2045/208V	58	0.2 (0.5)
1000	240	50	51 (20)	33 (13/8)	TRC-2045/240V	58	0.2 (0.5)
1250	120	50	58 (23)	41 (16/8)	TRC-2345/120V	62	0.2 (0.5)
1250	208	50	58 (23)	41 (16/8)	TRC-2345/208V	62	0.2 (0.5)
1250	240	50	58 (23)	41 (16/8)	TRC-2345/240V	62	0.2 (0.5)
1300	120	50	64 (25)	46 (18/8)	TRC-2545/120V	65	0.2 (0.5)
1300	240	50	64 (25)	46 (18/8)	TRC-2545/240V	65	0.2 (0.5)
1450	120	50	69 (27)	51 (20/8)	TRC-2745/120V	67	0.2 (0.5)
1450	240	50	69 (27)	51 (20/8)	TRC-2745/240V	67	0.2 (0.5)
1500	120	50	71 (28)	54 (21/8)	TRC-2845/120V	68	0.5 (1)
1500	208	50	71 (28)	54 (21/8)	TRC-2845/208V	68	0.5 (1)
1500	240	50	71 (28)	54 (21/8)	TRC-2845/240V	68	0.5 (1)
1500	480	50	71 (28)	54 (21/8)	TRC-2845/480V	68	0.5 (1)
1650	120	50	76 (30)	59 (23/8)	TRC-3045/120V	71	0.5 (1)
1650	240	50	76 (30)	59 (23/8)	TRC-3045/240V	71	0.5 (1)
1800	120	50	81 (32)	64 (25/8)	TRC-3245/120V	73	0.5 (1)
1800	240	50	81 (32)	64 (25/8)	TRC-3245/240V	73	0.5 (1)
1950	120	50	86 (34)	69 (27/8)	TRC-3445/120V	76	0.5 (1)
1950	240	50	86 (34)	69 (27/8)	TRC-3445/240V	76	0.5 (1)
2100	120	50	91 (36)	74 (29/8)	TRC-3645/120V	78	0.5 (1)
2100	240	50	91 (36)	74 (29/8)	TRC-3645/240V	78	0.5 (1)
2200	120	50	97 (38)	79 (31/8)	TRC-3845/120V	80	0.5 (1)
2200	240	50	97 (38)	79 (31/8)	TRC-3845/240V	80	0.5 (1)
TRCC — 50 W/in²							
2000	120	50	102 (40)	71 (28/8)	TRCC-4065/120V	\$83	0.6 (1.3)
2000	208	50	102 (40)	71 (28/8)	TRCC-4065/208V	83	0.6 (1.3)
2000	240	50	102 (40)	71 (28/8)	TRCC-4065/240V	83	0.6 (1.3)
2000	480	50	102 (40)	71 (28/8)	TRCC-4065/480V	83	0.6 (1.3)
2350	120	50	104 (41)	71 (29/8)	TRCC-4165/120V	84	0.6 (1.3)
2350	240	50	104 (41)	71 (29/8)	TRCC-4165/240V	84	0.6 (1.3)
2500	120	50	111 (43 3/16)	80 (31 1/16)	TRCC-4365/120V	86	0.6 (1.3)
2500	208	50	111 (43 3/16)	80 (31 1/16)	TRCC-4365/208V	86	0.6 (1.3)
2500	240	50	111 (43 3/16)	80 (31 1/16)	TRCC-4365/240V	86	0.6 (1.3)
2500	480	50	111 (43 3/16)	80 (31 1/16)	TRCC-4365/480V	86	0.6 (1.3)

Ordering Examples: TRC-3045/120V, 1650 Watt, 120V heater, \$71.

TRCC-4365/240V, 2500 Watt, 240V heater, \$86.

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

TUBULAR HEATERS

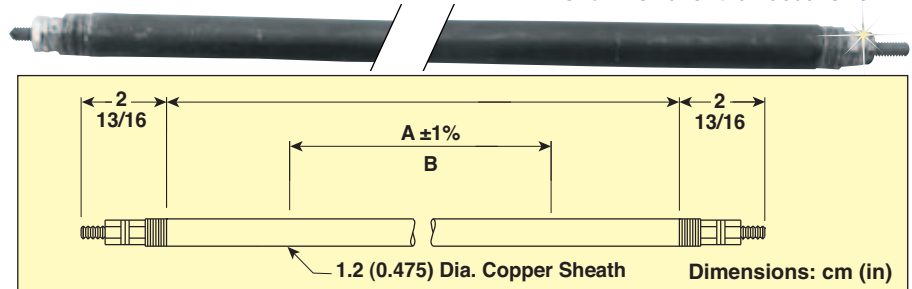
1.2 cm (0.475") DIAMETER ROUND CROSS-SECTION

TRCC-5465/240V, \$117,
shown smaller than actual size.

TRCC Series
Starts at

\$88

- ✓ Copper Sheath
- ✓ 2600 to 10,000 Watts
- ✓ 120, 208, 240 and 480V
- ✓ 40 to 50 W/in²
- ✓ 177°C (350°F) Max Sheath Temperature



MOST POPULAR MODELS HIGHLIGHTED!

To Order (Specify Model Number)

Watts	Volts	W/in ²	Dimensions: cm (in)		Copper Sheath		Weight kg (lb)
			Sheath A	Heated B	Model No.	Price	
2600	120	50	112 (44)	82 (32½)	TRCC-4465/120V	\$88	0.6 (1.3)
2600	240	50	112 (44)	82 (32½)	TRCC-4465/240V	88	0.6 (1.3)
2700	120	50	117 (46)	87 (34½)	TRCC-4665/120V	88	0.6 (1.3)
2700	240	50	117 (46)	87 (34½)	TRCC-4665/240V	88	0.6 (1.3)
2800	120	50	122 (48)	92 (36½)	TRCC-4865/120V	107	0.6 (1.3)
2800	240	50	122 (48)	92 (36½)	TRCC-4865/240V	107	0.6 (1.3)
2900	120	50	127 (50)	97 (38½)	TRCC-5065/120V	111	0.8 (1.8)
2900	240	50	127 (50)	97 (38½)	TRCC-5065/240V	111	0.8 (1.8)
3000	208	50	138 (54½)	108 (42½)	TRCC-5465/208V	117	0.8 (1.8)
3000	240	50	138 (54½)	108 (42½)	TRCC-5465/240V	117	0.8 (1.8)
3000	480	50	138 (54½)	108 (42½)	TRCC-5465/480V	117	0.8 (1.8)
3250	240	50	147 (58)	117 (46½)	TRCC-5865/240V	124	0.8 (1.8)
3250	480	50	147 (58)	117 (46½)	TRCC-5865/480V	124	0.8 (1.8)
3500	240	50	152 (60)	122 (48½)	TRCC-6065/240V	127	0.8 (1.8)
3500	480	50	152 (60)	122 (48½)	TRCC-6065/480V	127	0.8 (1.8)
3750	240	50	167 (66)	130 (51½)	TRCC-6665/240V	137	0.8 (1.8)
3750	480	50	167 (66)	130 (51½)	TRCC-6665/480V	137	0.8 (1.8)
4000	208	50	178 (70)	148 (58½)	TRCC-7065/208V	144	0.8 (1.8)
4000	240	50	178 (70)	148 (58½)	TRCC-7065/240V	144	0.8 (1.8)
4000	480	50	178 (70)	148 (58½)	TRCC-7065/480V	144	0.8 (1.8)
4250	240	50	188 (74)	158 (62½)	TRCC-7465/240V	151	1.0 (2.3)
4250	480	50	188 (74)	158 (62½)	TRCC-7465/480V	151	1.0 (2.3)
4500	240	50	198 (78)	168 (66½)	TRCC-7865/240V	157	1.0 (2.3)
4500	480	50	198 (78)	168 (66½)	TRCC-7865/480V	157	1.0 (2.3)
4750	240	50	208 (82)	178 (70½)	TRCC-8265/240V	164	1.0 (2.3)
4750	480	50	208 (82)	178 (70½)	TRCC-8265/480V	164	1.0 (2.3)
5000	208	50	216 (85)	186 (73½)	TRCC-8565/208V	169	1.0 (2.3)
5000	240	50	216 (85)	186 (73½)	TRCC-8565/240V	169	1.0 (2.3)
5000	480	50	216 (85)	186 (73½)	TRCC-8565/480V	169	1.0 (2.3)
5250	240	50	229 (90)	198 (78½)	TRCC-9065/240V	210	1.0 (2.3)
5250	480	50	229 (90)	198 (78½)	TRCC-9065/480V	210	1.0 (2.3)
5500	240	50	239 (94)	209 (82½)	TRCC-9465/240V	220	1.0 (2.3)
5500	480	50	239 (94)	209 (82½)	TRCC-9465/480V	220	1.0 (2.3)
5750	240	50	249 (98)	219 (86½)	TRCC-9865/240V	225	1.5 (3.3)
5750	480	50	249 (98)	219 (86½)	TRCC-9865/480V	225	1.5 (3.3)
6000	208	50	254 (100)	224 (88½)	TRCC-10065/208V	230	1.5 (3.3)
6000	240	50	254 (100)	224 (88½)	TRCC-10065/240V	230	1.5 (3.3)
6000	480	50	254 (100)	224 (88½)	TRCC-10065/480V	230	1.5 (3.3)
6667	208	50	274 (108)	244 (96½)	TRCC-10865/208V	240	1.5 (3.3)
6667	240	50	274 (108)	244 (96½)	TRCC-10865/240V	240	1.5 (3.3)
6667	480	50	274 (108)	244 (96½)	TRCC-10865/480V	240	1.5 (3.3)
8334	480	50	340 (134)	310 (122½)	TRCC-13465/480V	280	2.0 (4.3)
10000	480	50	406 (160)	376 (148½)	TRCC-16065/480V	325	2.0 (4.3)
2778	240	50	152 (60)	113 (44½)	TRCC-6085/240V	127	0.8 (1.8)
4166	240	50	198 (78)	158 (62½)	TRCC-7885/240V	157	1.0 (2)
5556	240	50	234 (92)	194 (76½)	TRCC-9285/240V	215	1.4 (3)

Ordering Examples: TRCC-7865/480V,
4500 Watt, 480V heater, \$157.
TRCC-9285/240V, 5556 Watt, 240V heater, \$215.
If element is to be bent, specify
"must be annealed."

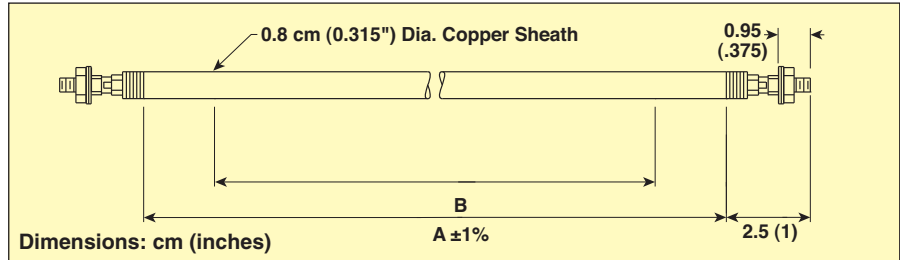
To Order, Call **1-800-872-4328** or Shop Online at **omega.comSM**

0.8 cm (0.315") DIAMETER ROUND CROSS-SECTION

TRC-1648/120V, \$22,
shown smaller than actual size.



TRC Series
Starts at
\$22



MOST POPULAR MODELS HIGHLIGHTED!

- ✓ Copper Sheath
- ✓ 500 to 5475 Watts
- ✓ 120, 240 and 480V
- ✓ 53 W/in²
- ✓ 177°C (350°F) Max Sheath Temperature

APPLICATIONS

Versatile tubular elements can be designed for use in most applications. See guidelines in the Tubular Heater Overview section 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 3 Terminals: Heliarc-welded to the cold pin. See terminal detail drawing in the Tubular Heater Overview section at omega.com/heaters

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

Bending: Customers minimum inside bending radius is 2.7 cm (1 1/16"). See bending requirements in the Tubular Heater Overview section at omega.com/heaters

Ordering Examples: TRC-6448/240V,
2975 Watt, 240V heater, \$107.

TRC-4048/120V, 1725 Watt 120V heater, \$51.
If element is to be bent,
specify "must be annealed".

To Order (Specify Model Number)

Watts	Volts	W/in ²	Dimensions cm (in)		Copper Sheath		Weight kg (lb)
			Sheath A	Heated B	Model No.	Price	
500	120	53	41 (16)	23 (9 1/4)	TRC-1648/120V	\$22	0.2 (0.4)
700	120	53	51 (20)	34 (13 3/4)	TRC-2048/120V	27	0.2 (0.4)
700	240	53	51 (20)	34 (13 3/4)	TRC-2048/240V	27	0.2 (0.4)
1125	120	53	71 (28)	54 (21 1/4)	TRC-2848/120V	36	0.4 (0.8)
1125	240	53	71 (28)	54 (21 1/4)	TRC-2848/240V	36	0.4 (0.8)
1325	120	53	81 (32)	64 (25 1/4)	TRC-3248/120V	41	0.4 (0.8)
1325	240	53	81 (32)	64 (25 1/4)	TRC-3248/240V	41	0.4 (0.8)
1525	120	53	91 (36)	74 (29 1/4)	TRC-3648/120V	46	0.4 (0.8)
1525	240	53	91 (36)	74 (29 1/4)	TRC-3648/240V	46	0.4 (0.8)
1725	120	53	102 (40)	84 (33 3/4)	TRC-4048/120V	51	0.5 (1)
1725	240	53	102 (40)	84 (33 3/4)	TRC-4048/240V	51	0.5 (1)
2050	120	53	117 (46)	100 (39 3/4)	TRC-4648/120V	77	0.5 (1)
2050	240	53	117 (46)	100 (39 3/4)	TRC-4648/240V	77	0.5 (1)
2050	480	53	117 (46)	100 (39 3/4)	TRC-4648/480V	77	0.5 (1)
2350	120	53	132 (52)	115 (45 1/4)	TRC-5248/120V	87	0.6 (1.3)
2350	240	53	132 (52)	115 (45 1/4)	TRC-5248/240V	87	0.6 (1.3)
2350	480	53	132 (52)	115 (45 1/4)	TRC-5248/480V	87	0.6 (1.3)
2675	120	53	147 (58)	130 (51 1/4)	TRC-5848/120V	97	0.6 (1.3)
2675	240	53	147 (58)	130 (51 1/4)	TRC-5848/240V	97	0.6 (1.3)
2675	480	53	147 (58)	130 (51 1/4)	TRC-5848/480V	97	0.6 (1.3)
2975	120	53	163 (64)	145 (57 1/4)	TRC-6448/120V	107	0.6 (1.3)
2975	240	53	163 (64)	145 (57 1/4)	TRC-6448/240V	107	0.6 (1.3)
2975	480	53	163 (64)	145 (57 1/4)	TRC-6448/480V	107	0.6 (1.3)
3300	240	53	178 (70)	161 (63 3/4)	TRC-7048/240V	117	0.6 (1.3)
3300	480	53	178 (70)	161 (63 3/4)	TRC-7048/480V	117	0.6 (1.3)
3600	240	53	193 (76)	176 (69 3/4)	TRC-7648/240V	127	0.6 (1.3)
3600	480	53	193 (76)	176 (69 3/4)	TRC-7648/480V	127	0.6 (1.3)
3900	240	53	208 (82)	191 (75 1/4)	TRC-8248/240V	137	0.8 (1.8)
3900	480	53	208 (82)	191 (75 1/4)	TRC-8248/480V	137	0.8 (1.8)
4225	240	53	224 (88)	206 (81 1/4)	TRC-8848/240V	139	0.8 (1.8)
4225	480	53	224 (88)	206 (81 1/4)	TRC-8848/480V	139	0.8 (1.8)
4525	240	53	239 (94)	222 (87 3/4)	TRC-9448/240V	149	0.8 (1.8)
4525	480	53	239 (94)	222 (87 3/4)	TRC-9448/480V	149	0.8 (1.8)
4850	240	53	254 (100)	232 (91 3/4)	TRC-10048/240V	158	1.1 (2.5)
4850	480	53	254 (100)	232 (91 3/4)	TRC-10048/480V	158	1.1 (2.5)
5150	240	53	269 (106)	252 (99 1/4)	TRC-10648/240V	168	1.1 (2.5)
5150	480	53	269 (106)	252 (99 1/4)	TRC-10648/480V	168	1.1 (2.5)
5475	240	53	284 (112)	267 (105 1/4)	TRC-11248/240V	177	1.1 (2.5)
5475	480	53	284 (112)	267 (105 1/4)	TRC-11248/480V	177	1.1 (2.5)

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