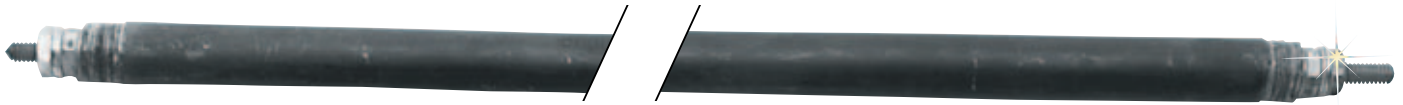


## 1.2 cm (0.475") DIAMETER ROUND CROSS-SECTION

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/in<sup>2</sup>
- ✓ 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](http://omega.com/heaters)

### ADVANTAGES

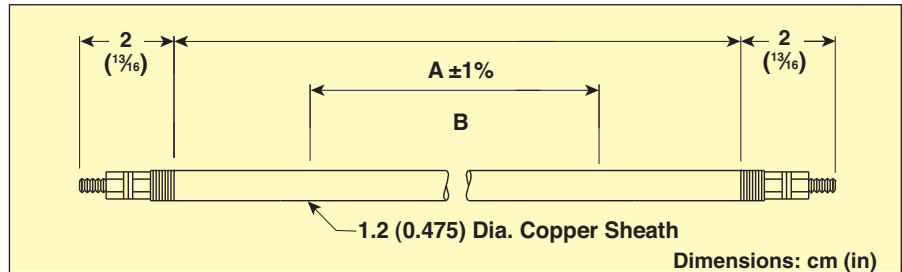
The metal sheath isolates and protects the resistor wire from the environment. At the same time it maximizes heat transfer capability to the work. Tubular elements can be bent to put the heat where it works best.

### 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](http://omega.com/heaters)

**Work Temperatures:** See Tubular Heater Overview section at [omega.com/heaters](http://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](http://omega.com/heaters)



**MOST POPULAR MODELS HIGHLIGHTED!**

### To Order (Specify Model Number)

| Watts                             | Volts | W/in <sup>2</sup> | Dimensions: cm (in) |              | Copper Sheath  |       | Weight kg (lb) |
|-----------------------------------|-------|-------------------|---------------------|--------------|----------------|-------|----------------|
|                                   |       |                   | Sheath A            | Heated B     | Model No.      | Price |                |
| <b>TRC — 50 W/in<sup>2</sup></b>  |       |                   |                     |              |                |       |                |
| 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)        |
| <b>TRCC — 50 W/in<sup>2</sup></b> |       |                   |                     |              |                |       |                |
| 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

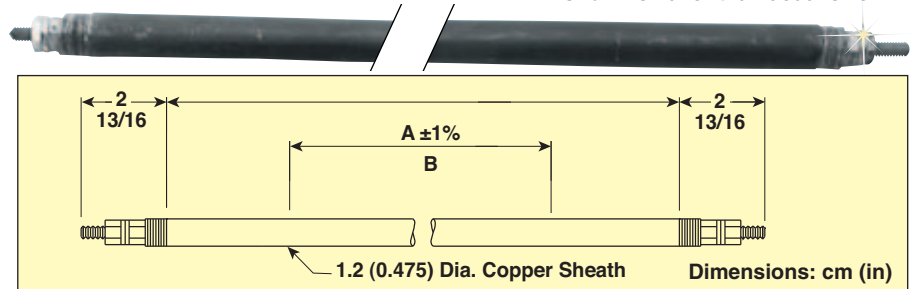
## 1.2 cm (0.475") DIAMETER ROUND CROSS-SECTION

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/in<sup>2</sup>
- ✓ 177°C (350°F) Max Sheath Temperature



**MOST POPULAR MODELS HIGHLIGHTED!**

### To Order (Specify Model Number)

| Watts | Volts | W/in <sup>2</sup> | 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."

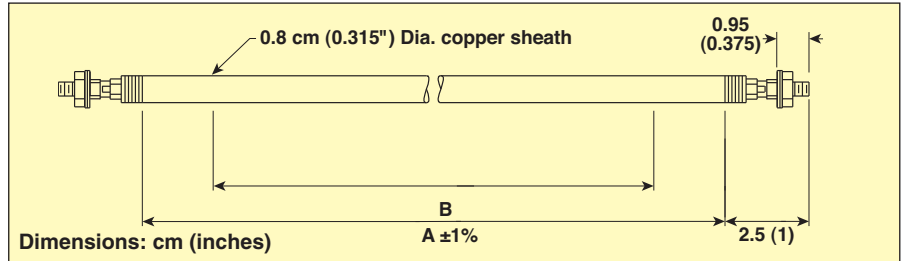
To Order, Call **1-800-872-4328** or Shop Online at [omega.com](http://omega.com)<sup>SM</sup>

## 0.8 cm (0.315") DIAMETER ROUND CROSS-SECTION

TRC-1648/120V, \$23,  
shown smaller than actual size.



TRC Series  
Starts at  
**\$23**



**MOST POPULAR MODELS HIGHLIGHTED!**

- ✓ Copper Sheath
- ✓ 500 to 5475 Watts
- ✓ 120, 240 and 480V
- ✓ 53 W/in<sup>2</sup>
- ✓ 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](http://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](http://omega.com/heaters)

**Work Temperatures:** See Tubular Heater Overview section at [omega.com/heaters](http://omega.com/heaters)

**Bending:** Customers minimum inside bending radius is 2.7 cm (1<sup>1</sup>/<sub>6</sub>"). See bending requirements in the Tubular Heater Overview section at [omega.com/heaters](http://omega.com/heaters)

**Ordering Examples:** TRC-6448/240V, 2975 Watt, 240V heater, \$112.

TRC-4048/120V, 1725 Watt 120V heater, \$54.  
If element is to be bent, specify "must be annealed".

### To Order (Specify Model Number)

| Watts | Volts | W/in <sup>2</sup> | Dimensions cm (in) |  | Copper Sheath  |       | Weight kg (lb) |
|-------|-------|-------------------|--------------------|--|----------------|-------|----------------|
|       |       |                   | Sheath A           | Heated B                               | Model No.      | Price |                |
| 500   | 120   | 53                | 41 (16)            | 23 (9 <sup>1</sup> / <sub>4</sub> )    | TRC-1648/120V  | \$23  | 0.2 (0.4)      |
| 700   | 120   | 53                | 51 (20)            | 34 (13 <sup>3</sup> / <sub>4</sub> )   | TRC-2048/120V  | 28    | 0.2 (0.4)      |
| 700   | 240   | 53                | 51 (20)            | 34 (13 <sup>3</sup> / <sub>4</sub> )   | TRC-2048/240V  | 28    | 0.2 (0.4)      |
| 1125  | 120   | 53                | 71 (28)            | 54 (21 <sup>1</sup> / <sub>4</sub> )   | TRC-2848/120V  | 38    | 0.4 (0.8)      |
| 1125  | 240   | 53                | 71 (28)            | 54 (21 <sup>1</sup> / <sub>4</sub> )   | TRC-2848/240V  | 38    | 0.4 (0.8)      |
| 1325  | 120   | 53                | 81 (32)            | 64 (25 <sup>1</sup> / <sub>4</sub> )   | TRC-3248/120V  | 43    | 0.4 (0.8)      |
| 1325  | 240   | 53                | 81 (32)            | 64 (25 <sup>1</sup> / <sub>4</sub> )   | TRC-3248/240V  | 43    | 0.4 (0.8)      |
| 1525  | 120   | 53                | 91 (36)            | 74 (29 <sup>1</sup> / <sub>4</sub> )   | TRC-3648/120V  | 48    | 0.4 (0.8)      |
| 1525  | 240   | 53                | 91 (36)            | 74 (29 <sup>1</sup> / <sub>4</sub> )   | TRC-3648/240V  | 48    | 0.4 (0.8)      |
| 1725  | 120   | 53                | 102 (40)           | 84 (33 <sup>3</sup> / <sub>4</sub> )   | TRC-4048/120V  | 54    | 0.5 (1)        |
| 1725  | 240   | 53                | 102 (40)           | 84 (33 <sup>3</sup> / <sub>4</sub> )   | TRC-4048/240V  | 54    | 0.5 (1)        |
| 2050  | 120   | 53                | 117 (46)           | 100 (39 <sup>3</sup> / <sub>4</sub> )  | TRC-4648/120V  | 81    | 0.5 (1)        |
| 2050  | 240   | 53                | 117 (46)           | 100 (39 <sup>3</sup> / <sub>4</sub> )  | TRC-4648/240V  | 81    | 0.5 (1)        |
| 2050  | 480   | 53                | 117 (46)           | 100 (39 <sup>3</sup> / <sub>4</sub> )  | TRC-4648/480V  | 81    | 0.5 (1)        |
| 2350  | 120   | 53                | 132 (52)           | 115 (45 <sup>1</sup> / <sub>4</sub> )  | TRC-5248/120V  | 91    | 0.6 (1.3)      |
| 2350  | 240   | 53                | 132 (52)           | 115 (45 <sup>1</sup> / <sub>4</sub> )  | TRC-5248/240V  | 91    | 0.6 (1.3)      |
| 2350  | 480   | 53                | 132 (52)           | 115 (45 <sup>1</sup> / <sub>4</sub> )  | TRC-5248/480V  | 91    | 0.6 (1.3)      |
| 2675  | 120   | 53                | 147 (58)           | 130 (51 <sup>1</sup> / <sub>4</sub> )  | TRC-5848/120V  | 102   | 0.6 (1.3)      |
| 2675  | 240   | 53                | 147 (58)           | 130 (51 <sup>1</sup> / <sub>4</sub> )  | TRC-5848/240V  | 102   | 0.6 (1.3)      |
| 2675  | 480   | 53                | 147 (58)           | 130 (51 <sup>1</sup> / <sub>4</sub> )  | TRC-5848/480V  | 102   | 0.6 (1.3)      |
| 2975  | 120   | 53                | 163 (64)           | 145 (57 <sup>1</sup> / <sub>4</sub> )  | TRC-6448/120V  | 112   | 0.6 (1.3)      |
| 2975  | 240   | 53                | 163 (64)           | 145 (57 <sup>1</sup> / <sub>4</sub> )  | TRC-6448/240V  | 112   | 0.6 (1.3)      |
| 2975  | 480   | 53                | 163 (64)           | 145 (57 <sup>1</sup> / <sub>4</sub> )  | TRC-6448/480V  | 112   | 0.6 (1.3)      |
| 3300  | 240   | 53                | 178 (70)           | 161 (63 <sup>3</sup> / <sub>4</sub> )  | TRC-7048/240V  | 123   | 0.6 (1.3)      |
| 3300  | 480   | 53                | 178 (70)           | 161 (63 <sup>3</sup> / <sub>4</sub> )  | TRC-7048/480V  | 123   | 0.6 (1.3)      |
| 3600  | 240   | 53                | 193 (76)           | 176 (69 <sup>3</sup> / <sub>4</sub> )  | TRC-7648/240V  | 133   | 0.6 (1.3)      |
| 3600  | 480   | 53                | 193 (76)           | 176 (69 <sup>3</sup> / <sub>4</sub> )  | TRC-7648/480V  | 133   | 0.6 (1.3)      |
| 3900  | 240   | 53                | 208 (82)           | 191 (75 <sup>1</sup> / <sub>4</sub> )  | TRC-8248/240V  | 144   | 0.8 (1.8)      |
| 3900  | 480   | 53                | 208 (82)           | 191 (75 <sup>1</sup> / <sub>4</sub> )  | TRC-8248/480V  | 144   | 0.8 (1.8)      |
| 4225  | 240   | 53                | 224 (88)           | 206 (81 <sup>1</sup> / <sub>4</sub> )  | TRC-8848/240V  | 147   | 0.8 (1.8)      |
| 4225  | 480   | 53                | 224 (88)           | 206 (81 <sup>1</sup> / <sub>4</sub> )  | TRC-8848/480V  | 147   | 0.8 (1.8)      |
| 4525  | 240   | 53                | 239 (94)           | 222 (87 <sup>1</sup> / <sub>4</sub> )  | TRC-9448/240V  | 157   | 0.8 (1.8)      |
| 4525  | 480   | 53                | 239 (94)           | 222 (87 <sup>1</sup> / <sub>4</sub> )  | TRC-9448/480V  | 157   | 0.8 (1.8)      |
| 4850  | 240   | 53                | 254 (100)          | 232 (93 <sup>3</sup> / <sub>4</sub> )  | TRC-10048/240V | 166   | 1.1 (2.5)      |
| 4850  | 480   | 53                | 254 (100)          | 232 (93 <sup>3</sup> / <sub>4</sub> )  | TRC-10048/480V | 166   | 1.1 (2.5)      |
| 5150  | 240   | 53                | 269 (106)          | 252 (99 <sup>1</sup> / <sub>4</sub> )  | TRC-10648/240V | 176   | 1.1 (2.5)      |
| 5150  | 480   | 53                | 269 (106)          | 252 (99 <sup>1</sup> / <sub>4</sub> )  | TRC-10648/480V | 176   | 1.1 (2.5)      |
| 5475  | 240   | 53                | 284 (112)          | 267 (105 <sup>1</sup> / <sub>4</sub> ) | TRC-11248/240V | 186   | 1.1 (2.5)      |
| 5475  | 480   | 53                | 284 (112)          | 267 (105 <sup>1</sup> / <sub>4</sub> ) | TRC-11248/480V | 186   | 1.1 (2.5)      |





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