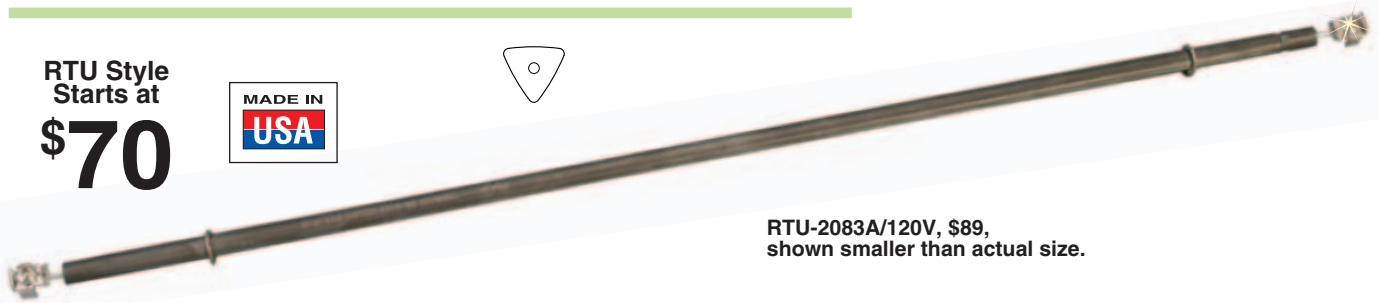


# TUBULAR HEATERS

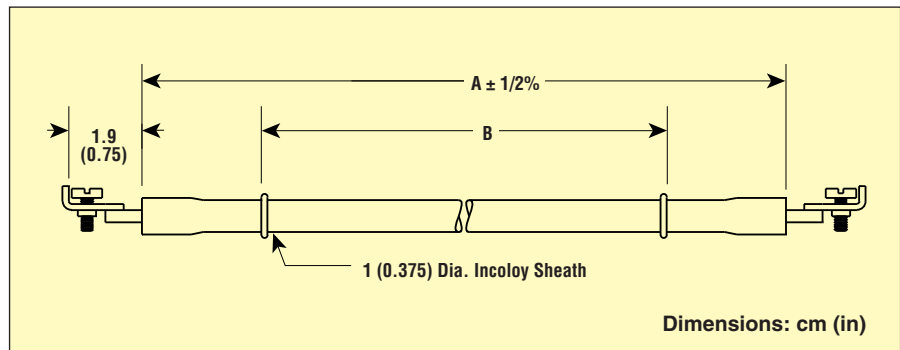
## 1 cm (0.375") DIAMETER HEART CROSS-SECTION

RTU Style Starts at  
**\$70**



RTU-2083A/120V, \$89, shown smaller than actual size.

- ✓ Incoloy Sheath
- ✓ 400 to 2500 Watts
- ✓ 120, 208, 240, 275 and 480V
- ✓ 40 W/in<sup>2</sup>
- ✓ 1½" Cold End (400 to 650 Watts)
- ✓ 2½" Cold End (800 to 2500 Watts)
- ✓ 871°C (1600°F) Max Sheath Temperature
- ✓ Component of Radiant Heater (Type RAD and RADD)



**MOST POPULAR MODELS HIGHLIGHTED!**

### APPLICATIONS

- ✓ Radiant Heating in Room Ambient
- ✓ Heating High Velocity Air
- ✓ Low Temperature Clamp-ons

### ADVANTAGES

Specially constructed to provide excellent service life in radiant heating applications.

### FEATURES

**Type 8 Terminals:** Standard with threaded clip to facilitate wiring.

Retaining Rings locate elements in radiant heater assemblies.

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

### To Order (Specify Model Number)

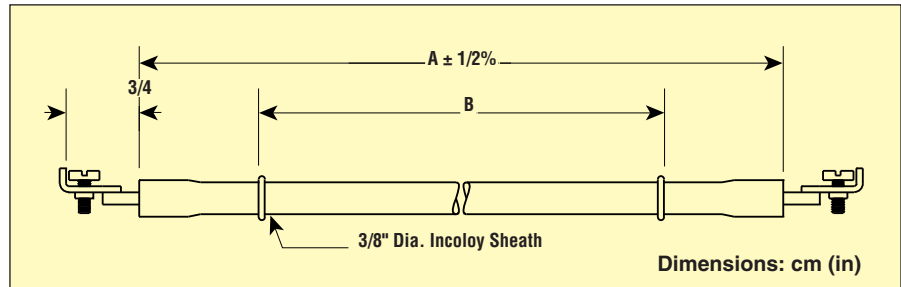
Watts	Volts	W/in <sup>2</sup>	Dimensions: in (cm)		Incoloy Sheath		Weight (lb)
			Sheath A	Heated B	Model No.	Price	
400	120	40	10¼ (26)	7¼ (18)	RTU-2063AX35/120V	\$70	0.8
650	120	40	16¾ (42)	13¾ (35)	RTU-2063AX29/120V	69	0.8
800	120	40	21⅛ (53)	16⅞ (41)	RTU-2083A/120V	89	0.8
800	208	40	21⅛ (53)	16⅞ (41)	RTU-2083AV/208V	89	0.8
800	240	40	21⅛ (53)	16⅞ (41)	RTU-2083A/240V	89	0.8
800	275	40	21⅛ (53)	16⅞ (41)	RTU-2083AV/275V	89	0.8
1100	120	40	27¾ (69)	22¾ (58)	RTU-3113A/120V	96	1
1100	208	40	27¾ (69)	22¾ (58)	RTU-3113AV/208V	96	1
1100	240	40	27¾ (69)	22¾ (58)	RTU-3113A/240V	96	1
1100	275	40	27¾ (69)	22¾ (58)	RTU-3113AV/275V	96	1
1300	208	40	32⅞ (82)	27⅞ (71)	RTU-3133AV/208V	107	1
1300	240	40	32⅞ (82)	27⅞ (71)	RTU-3133A/240V	107	1
1300	275	40	32⅞ (82)	27⅞ (71)	RTU-3133AV/275V	107	1
1300	480	40	32⅞ (82)	27⅞ (71)	RTU-3133A/480V	107	1
1800	208	40	42¾ (109)	38¾ (98)	RTU-4183AV/208V	125	1.3
1800	240	40	42¾ (109)	38¾ (98)	RTU-4183A/240V	125	1.3
1800	275	40	42¾ (109)	38¾ (98)	RTU-4183AV/275V	125	1.3
1800	480	40	42¾ (109)	38¾ (98)	RTU-4183A/480V	125	1.3
2150	208	40	50¾ (127)	45¾ (116)	RTU-5213AV/208V	153	1.4
2150	240	40	50¾ (127)	45¾ (116)	RTU-5213A/240V	153	1.4
2150	275	40	50¾ (127)	45¾ (116)	RTU-5213AV/275V	153	1.4
2150	480	40	50¾ (127)	45¾ (116)	RTU-5213A/480V	153	1.4
2500	208	40	57⅞ (146)	53¾ (135)	RTU-5253AV/208V	184	1.5
2500	240	40	57⅞ (146)	53¾ (135)	RTU-5253A/240V	184	1.5
2500	275	40	57⅞ (146)	53¾ (135)	RTU-5253AV/275V	184	1.5
2500	480	40	57⅞ (146)	53¾ (135)	RTU-5253A/480V	184	1.5
2500	480	40	57⅞ (146)	53¾ (135)	RTU-5253M/480V	184	1.5

Ordering Examples: RTU-4183AV/208V, 1800 W, 208V heater, \$125.  
RTU-2063AX35/120V, 400 W, 120V heater, \$70.



RTU-6303A/240V, \$230, shown smaller than actual size.

- ✓ Incoloy Sheath
- ✓ 2700-6500 Watts
- ✓ 208, 240, 275 and 480V
- ✓ 40 W/In<sup>2</sup>
- ✓ 2½, 3¾ and 4" Cold Ends
- ✓ 871°C (1600°F) Max Sheath Temperature
- ✓ Component of Radiant Heater (Type RAD and RADD)



**MOST POPULAR MODELS HIGHLIGHTED!**

### APPLICATIONS

- ✓ Radiant Heating in Room Ambient
- ✓ Heating High Velocity Air
- ✓ Low Temperature Clamp-ons

### ADVANTAGES

Specially constructed to provide excellent service life in radiant heating applications.

### FEATURES

**Type 8 Terminals:** Standard with threaded clip to facilitate wiring.

Retaining Rings locate elements in radiant heater assemblies.

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

**Bending:** Customer's minimum inside bending radius is 1½". See bending requirements in the Tubular Heater Overview section on [omega.com](http://omega.com).

### To Order (Specify Model Number)

Watts	Volts	W/In <sup>2</sup>	Dimensions: in (cm)		Incoloy Sheath		Weight (lb)
			Sheath A	Heated B	Model No.	Price	
<b>2½" Cold End</b>							
2700	208	40	61 <sup>27</sup> / <sub>32</sub> (157)	57 <sup>11</sup> / <sub>32</sub> (146)	RTU-6273AV/208V	\$199	1.6
2700	240	40	61 <sup>27</sup> / <sub>32</sub> (157)	57 <sup>11</sup> / <sub>32</sub> (146)	RTU-6273A/240V	199	1.6
2700	275	40	61 <sup>27</sup> / <sub>32</sub> (157)	57 <sup>11</sup> / <sub>32</sub> (146)	RTU-6273AV/275V	199	1.6
2700	480	40	61 <sup>27</sup> / <sub>32</sub> (157)	57 <sup>11</sup> / <sub>32</sub> (146)	RTU-6273A/480V	199	1.6
3000	208	40	69 <sup>3</sup> / <sub>4</sub> (176)	65 (165)	RTU-6303AV/208V	230	1.8
3000	240	40	69 <sup>3</sup> / <sub>4</sub> (176)	65 (165)	RTU-6303A/240V	230	1.8
3000	275	40	69 <sup>3</sup> / <sub>4</sub> (176)	65 (165)	RTU-6303AV/275V	230	1.8
3000	480	40	69 <sup>3</sup> / <sub>4</sub> (176)	65 (165)	RTU-6303A/480V	230	1.8
3000	480	40	69 <sup>3</sup> / <sub>4</sub> (176)	65 (165)	RTU-6303M/480V	230	1.8
3350	208	40	75 <sup>21</sup> / <sub>32</sub> (192)	71 <sup>5</sup> / <sub>32</sub> (181)	RTU-7333AV/208V	260	1.8
3350	240	40	75 <sup>21</sup> / <sub>32</sub> (192)	71 <sup>5</sup> / <sub>32</sub> (181)	RTU-7333A/240V	260	1.8
3350	275	40	75 <sup>21</sup> / <sub>32</sub> (192)	71 <sup>5</sup> / <sub>32</sub> (181)	RTU-7333AV/275V	260	1.8
3350	480	40	75 <sup>21</sup> / <sub>32</sub> (192)	71 <sup>5</sup> / <sub>32</sub> (181)	RTU-7333A/480V	260	1.8
3600	208	40	81 <sup>9</sup> / <sub>32</sub> (206)	77 <sup>1</sup> / <sub>32</sub> (196)	RTU-7363AV/208V	280	2
3600	240	40	81 <sup>9</sup> / <sub>32</sub> (206)	77 <sup>1</sup> / <sub>32</sub> (196)	RTU-7363A/240V	280	2
3600	275	40	81 <sup>9</sup> / <sub>32</sub> (206)	77 <sup>1</sup> / <sub>32</sub> (196)	RTU-7363AV/275V	280	2
3600	480	40	81 <sup>9</sup> / <sub>32</sub> (206)	77 <sup>1</sup> / <sub>32</sub> (196)	RTU-7363A/480V	280	2
3600	480	40	81 <sup>9</sup> / <sub>32</sub> (206)	77 <sup>1</sup> / <sub>32</sub> (196)	RTU-7363M/480V	280	2
4500	208	40	100 <sup>1</sup> / <sub>2</sub> (255)	96 (244)	RTU-8453AV/208V	325	3.5
4500	240	40	100 <sup>1</sup> / <sub>2</sub> (255)	96 (244)	RTU-8453A/240V	325	3.5
4500	275	40	100 <sup>1</sup> / <sub>2</sub> (255)	96 (244)	RTU-8453AV/275V	325	3.5
4500	480	40	100 <sup>1</sup> / <sub>2</sub> (255)	96 (244)	RTU-8453A/480V	325	3.5
4000	240	40	109 <sup>3</sup> / <sub>4</sub> (277)	105 (267)	RTU-7303AX10/240V	350	4
<b>3¾" Cold End</b>							
5000	240	40	134 <sup>3</sup> / <sub>4</sub> (342)	127 <sup>3</sup> / <sub>4</sub> (324)	RTU-7303AX13/240V	\$475	5
<b>4" Cold End</b>							
5500	240	40	153 <sup>3</sup> / <sub>4</sub> (390)	145 <sup>5</sup> / <sub>8</sub> (371)	RTU-7303AX9A/240V	\$575	6
6500	240	40	179 <sup>1</sup> / <sub>4</sub> (455)	171 <sup>1</sup> / <sub>4</sub> (435)	RTU-7363AX38/240V	700	8

Ordering Examples: RTU-7333AV/208V, 3350 W, 208V heater, \$260.  
RTU-6273A/275V, 2700 W, 275V, \$199.



#### UNITED STATES

[www.omega.com](http://www.omega.com)  
1-800-TC-OMEGA  
Stamford, CT.

#### CANADA

[www.omega.ca](http://www.omega.ca)  
Laval(Quebec)  
1-800-TC-OMEGA

#### GERMANY

[www.omega.de](http://www.omega.de)  
Deckenpfronn, Germany  
0800-8266342

#### UNITED KINGDOM

[www.omega.co.uk](http://www.omega.co.uk)  
Manchester, England  
0800-488-488

#### FRANCE

[www.omega.fr](http://www.omega.fr)  
Guyancourt, France  
088-466-342

#### CZECH REPUBLIC

[www.omegaeng.cz](http://www.omegaeng.cz)  
Karviná, Czech Republic  
596-311-899

#### BENELUX

[www.omega.nl](http://www.omega.nl)  
Amstelveen, NL  
0800-099-33-44



## More than 100,000 Products Available!

### • Temperature

Calibrators, Connectors, General Test and Measurement Instruments, Glass Bulb Thermometers, Handheld Instruments for Temperature Measurement, Ice Point References, Indicating Labels, Crayons, Cements and Lacquers, Infrared Temperature Measurement Instruments, Recorders Relative Humidity Measurement Instruments, RTD Probes, Elements and Assemblies, Temperature & Process Meters, Timers and Counters, Temperature and Process Controllers and Power Switching Devices, Thermistor Elements, Probes and Assemblies, Thermocouples Thermowells and Head and Well Assemblies, Transmitters, Wire

### • Flow and Level

Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotameters, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

### • pH and Conductivity

Conductivity Instrumentation, Dissolved Oxygen Instrumentation, Environmental Instrumentation, pH Electrodes and Instruments, Water and Soil Analysis Instrumentation

### • Data Acquisition

Auto-Dialers and Alarm Monitoring Systems, Communication Products and Converters, Data Acquisition and Analysis Software, Data Loggers Plug-in Cards, Signal Conditioners, USB, RS232, RS485 and Parallel Port Data Acquisition Systems, Wireless Transmitters and Receivers

### • Pressure, Strain and Force

Displacement Transducers, Dynamic Measurement Force Sensors, Instrumentation for Pressure and Strain Measurements, Load Cells, Pressure Gauges, Pressure Reference Section, Pressure Switches, Pressure Transducers, Proximity Transducers, Regulators, Strain Gages, Torque Transducers, Valves

### • Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters