

# FLAT CROSS-SECTION HEATERS

$\frac{3}{8}$  and  $\frac{7}{16}$  " (0.95 and 1.1 cm)



ATS/ATU Series

ATU-1267/240 shown smaller than actual size.

ATS-2610/120 shown smaller than actual size.

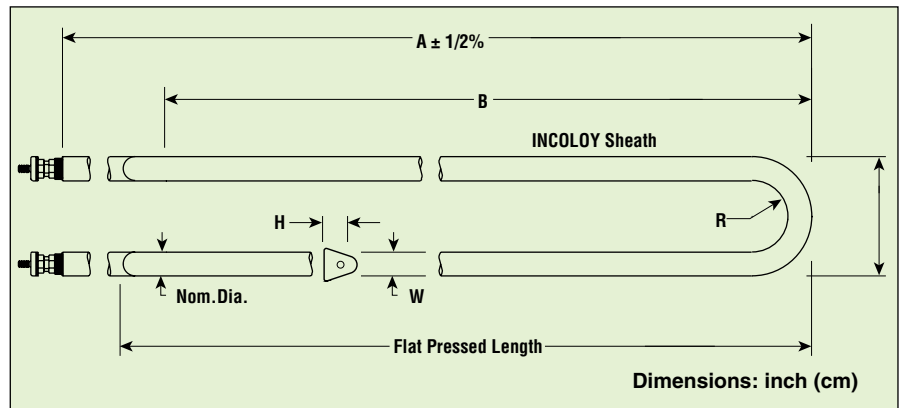
Dimensions: Inches (cm)

Nom. Dia.	W	H	R	F
$\frac{3}{8}$ (0.95)	$\frac{3}{8}$ (0.95)	$\frac{5}{16}$ (0.79)	$\frac{9}{16}$ (1.4)	$1\frac{1}{8}$ (4.7)
$\frac{7}{16}$ (1.1)	$\frac{7}{16}$ (1.1)	$\frac{3}{8}$ (0.79)	$\frac{2}{32}$ (1.7)	$2\frac{1}{8}$ (5.5)

- INCOLOY Sheath
- 575 to 1350 Watts
- 120 and 240 Volt
- 26 to 38 W/in<sup>2</sup>
- 870°C (1600°F) Maximum Sheath Temperature
- Straight Elements (Type ATS)
- U-Shape Elements (Type ATU)

## APPLICATIONS

- Clamp-ons
- Immersion (Corrosive Liquids, Fry Kettles, etc.)
- Low Temperature Air Heating



## FEATURES

**Flat-Pressed** after triangulation to increase contact surface, improve heat conductivity.

**Series Wiring:** Two or more elements of equal wattage may be connected in series on line voltages up to 480 volts. For application details see Tubular Heater Overview section online.

**Type 3 and 4 Terminals:** Type 3 ( $\frac{3}{8}$ " dia.) are Heliarc-welded to cold pin. Type 4 ( $\frac{7}{16}$ " dia.) are threaded end of cold pin. See terminal detail drawings in the Tubular Heater Overview section online.

### Bending:

Generally not recommended for flat-pressed, triangulated elements.

## To Order

Nom. Dia. (inch)	Watts	Volts	W/In <sup>2</sup>	Dimensions: inch (cm)		INCOLOY Sheath	Weight (lb)
				Sheath A	Heated B	Model No.	
<b>ATS — Straight</b>							
$\frac{3}{8}$	1000	120	38	26½ (67)	19% (50)	ATS-2610/120	0.8
$\frac{3}{8}$	900	240	35	26½ (67)	19% (50)	ATS-2690/240	0.8
$\frac{7}{16}$	1000	120	27	33½ (85)	26% (68)	ATS-3310/120	1.0
$\frac{7}{16}$	1200	240	36	33½ (85)	26% (68)	ATS-3312/240	1.0
$\frac{3}{8}$	600	120	35	21½ (54)	14% (37)	ATS-2160/120	0.6
$\frac{3}{8}$	575	240	34	21½ (54)	14% (37)	ATS-2157/240	0.6
$\frac{3}{8}$	600	120	26	26% (66)	19% (49)	ATS-2660/120	0.8
$\frac{3}{8}$	675	240	29	26% (66)	19% (49)	ATS-2667/240	0.8
$\frac{3}{8}$	1350	240	31	42% (10)	36% (92)	ATS-4313/240	1.2
<b>ATU — U-Shape</b>							
$\frac{3}{8}$	1000	120	38	13 (33)	9½ (24)	ATU-1310/120	0.8
$\frac{3}{8}$	900	240	35	13 (33)	9½ (24)	ATU-1390/240	0.8
$\frac{7}{16}$	1000	120	27	16½ (42)	13¾ (33)	ATU-1610/120	1.0
$\frac{7}{16}$	1200	240	36	16½ (42)	13¾ (33)	ATU-1612/240	1.0
$\frac{3}{8}$	600	120	35	10½ (27)	7 (18)	ATU-1060/120	0.6
$\frac{3}{8}$	575	240	34	10½ (27)	7 (18)	ATU-1057/240	0.6
$\frac{3}{8}$	600	120	26	12% (33)	9% (24)	ATU-1260/120	0.8
$\frac{3}{8}$	675	240	29	12% (33)	9% (24)	ATU-1267/240	0.8
$\frac{3}{8}$	1350	240	31	21¼ (54)	18 (46)	ATU-2113/240	1.2

**Ordering Examples:** ATS-4313/240, straight element heater 1350 Watt, 240V.  
ATU-1310/120, u-shape heater, 1000 Watt, 120V.