

COILED NOZZLE HEATERS

Design Reduces Temperature at Adapter, Eliminating Failures

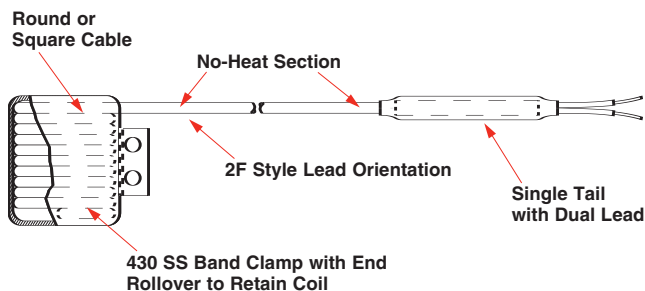
The Watlow coiled nozzle heater features a five inch long no-heat tail section. This design advantage eliminates failures in the adapter area due to overheating.

Applications

- Plastic Injection molding equipment
- Hot runner molds

Performance Capabilities

- Possible operating temperature to 650°C (1200°F) dependent on type of element wire used
- ±5 percent wattage tolerance



Features and Benefits

Low profile construction

- Provides easy installation in the tight environment of multiple-gate molds

No-heat tail section

- Reduces temperature at the adaptor, eliminating failures due to overheating

Single tail with dual lead

- Occupies less space in the wire raceway

Heat is conducted around the entire 360 degree circumference

- Results in even heating

Externally welded thermocouple to the sheath is optional

- Provides temperature measurement capabilities



STL-CNH-0405

12001 Lackland Road
St. Louis, Missouri 63146 USA
Phone: +1 (314) 878-4600
FAX: +1 (314) 878-6814
Internet: www.watlow.com
e-mail: info@watlow.com

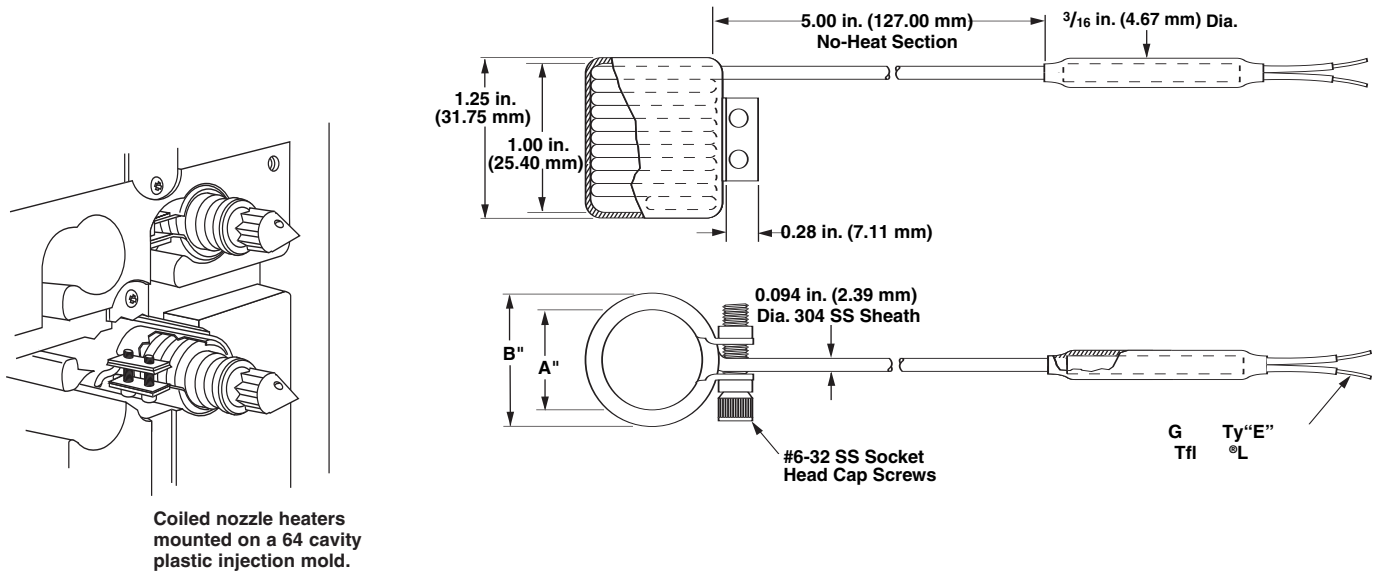
To be automatically connected to the nearest North American Technical and Sales Office call:

1-800-WATLOW2

International Technical and Sales Offices: Australia, +61 (39) 335-6449 • China, +86 (21) 5211-0231 • France, +33 (01) 3073-2425 • Germany, +49 (0) 7253-9400-0 • Italy, +39 (02) 458-8841 • Japan, +81 (03) 3518-6630 • Korea, +82 (02) 575-9804 • Malaysia, +60 (4) 641-5977 • Mexico, +52 (442) 217-6235 • Singapore, +65 6773-9488 • Spain, +34 91 675 12 92 • Sweden, +46 31 7014959 • Taiwan, +886 (0) 7-288-5168 • United Kingdom, +44 (0) 115-964-0777



Technical Data



Cable Heater Standard Units (Coiled nozzle with clamp strap)

Volts	Watts	Coiled I.D. in (mm)	Clamp O.D. in (mm)	Clamp Width in (mm)	No-Heat	Lead Wire (Swaged-in) Teflon® Only	Code Number
-------	-------	------------------------	-----------------------	------------------------	---------	--	-------------

0.094 in. (2.39 mm) Diameter Round (with ±5 percent wattage tolerance), no lead protection available.

230	125	0.75 (19.05)	0.98 (24.89)	1.25 (31.75)	5 in. (127 mm)	36 in. (914.4 mm)	94PC30A1A
230	125	0.75 (19.05)	0.98 (24.89)	1.25 (31.75)	only	72 in. (1828.8 mm)	94PC30A1D
230	250	0.75 (19.05)	0.98 (24.89)	1.25 (31.75)		36 in. (914.4 mm)	94PC30A2A
230	250	0.75 (19.05)	0.98 (24.89)	1.25 (31.75)		72 in. (1828.8 mm)	94PC30A2D
230	250	0.75 (19.05)	0.98 (24.89)	1.25 (31.75)		36 in. (914.4 mm)	94PC30A4A ®

0.102 in. (2.59 mm) Square Cross-Section (with ±5 percent wattage tolerance), no lead protection available.

230	125	0.75 (19.05)	1.00 (25.40)	1.25 (31.75)	5 in. (127 mm)	36 in. (914.4 mm)	102PS28A2B
230	125	0.75 (19.05)	1.00 (25.40)	1.25 (31.75)	only	72 in. (1828.8 mm)	102PS28A2A
230	250	0.75 (19.05)	1.00 (25.40)	1.25 (31.75)		36 in. (914.4 mm)	102PS28A1B
230	250	0.75 (19.05)	1.00 (25.40)	1.25 (31.75)		72 in. (1828.8 mm)	102PS28A4A ®
230	250	0.875 (22.23)	1.12 (28.45)	1.25 (31.75)		36 in. (914.4 mm)	102PS32A1A

® Units have a 36 inch fiberglass insulated Type J thermocouple externally spot welded to the heater O.D. sheath.