



Technically Advanced Heaters

# Ultra-Clip Nozzle Heaters

The unit shown below right illustrates the winding and patented design of the Clip. It is called the Clip because the heater is intentionally undersized to allow for better surface contact, the ends are squeezed together to place and remove the heater with relative ease. Simply squeeze the ends of the unit and slide it into position.

(Note: heater should not be wired to power while servicing or installing).

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Fax 508-347-3674

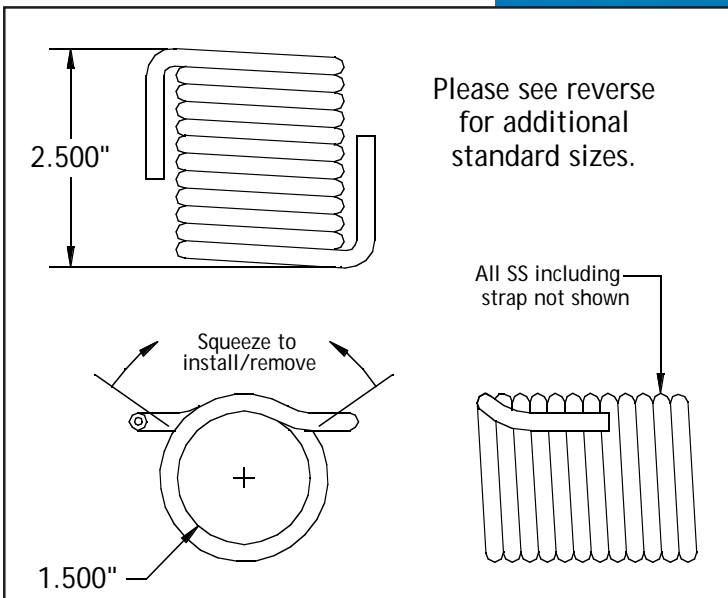
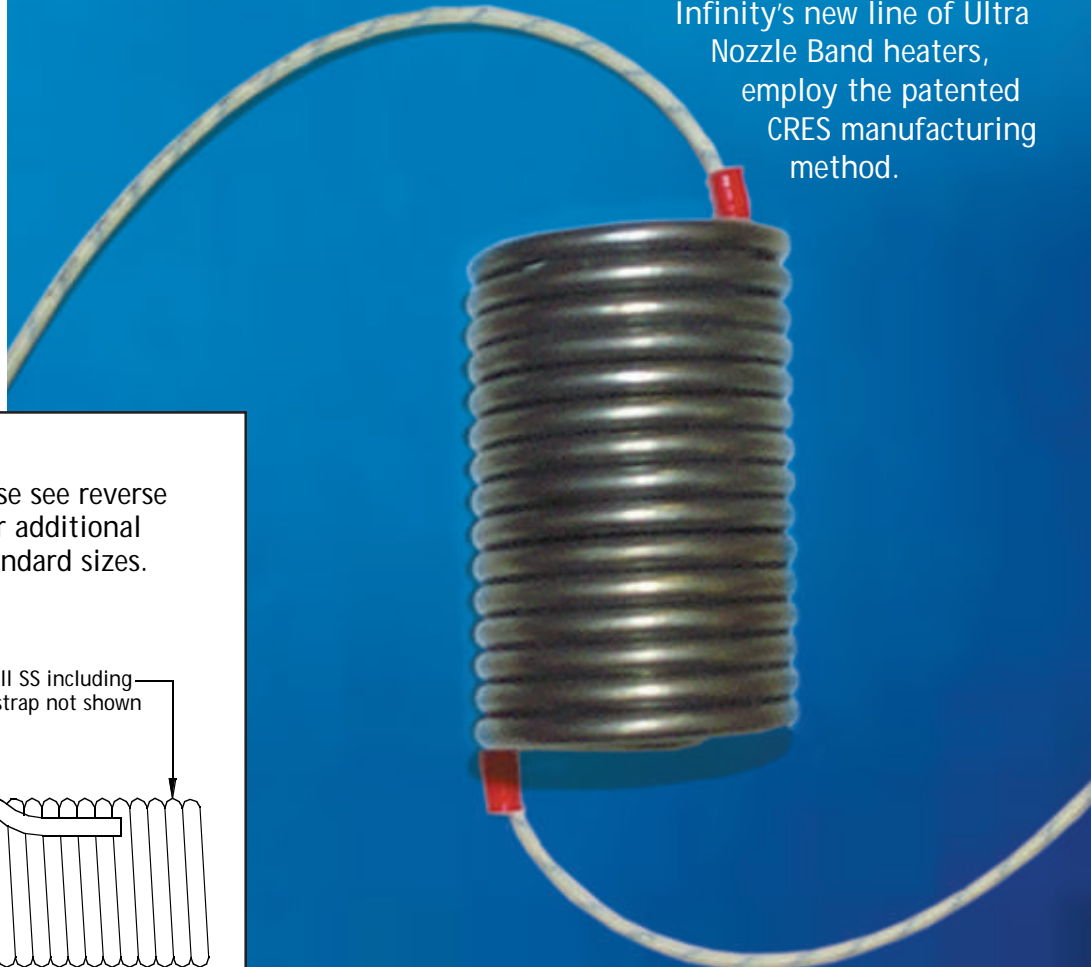
The all new, patented Ultra-Clip nozzle band heater, is a maximum performance heater. It employs the patented CRES manufacturing technique which allows it to operate at power output levels up to 150 watts per square inch (wsi), far exceeding that of customary heaters, i.e. mica, ceramic and standard tubular designs, even MI/ mineral insulated.

U-CLIPS are extremely rugged, and will not be affected by plastic exposure or drool, when used on nozzles.

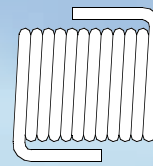
U-CLIPS can be manufactured to pass UL, CSA, and CE electrical standards for use in equipment requiring such designations.

The new U-CLIP nozzle band heater, provides the fastest most accurate means of heating nozzles or barrels. Its patented design responds immediately when powered with no overshoot.

Infinity's new line of Ultra Nozzle Band heaters, employ the patented CRES manufacturing method.



# Ultra-Clip Nozzle Heaters



## General Capabilities:

- No worries of contamination coming into contact with heater like plastics, grease solvent etc.
- Heater operating temperatures to 1400°F.
- Surface watt densities to 150 in wsi. Similar watt densities can be held with larger diameters.
- Extremely flexible, holes and cut-outs can be designed into the heater body.
- Heater can be built into a UL, CSA, CE system.

## Features:

- All stainless steel construction, allows heaters to be used in harsh conditions. Other material can be used in it's place, i.e. Inconel, Nickel or Monel. Talk to tech support for details.
- Easily intalled clamp strap to ensure excellent contact between heater and dies, nozzles or barrels.
- Ultra high and safe watt denstities, provide long life and excellent response with increased process accuracy.

ID in (inches)	Width in (inches)	Volts	Watts	Watt Density (watts/sq.in.)	Heater Sheath dia.
1	1	120	200	64	0.118
1	1	240	200	64	0.118
1	1-1/2	120	400	85	0.118
1	1-1/2	240	400	85	0.118
1	2	240	700	111	0.118
1	2-1/2	240	800	102	0.118
1-1/2	1	120	500	106	0.118
1-1/2	1	240	500	106	0.118
1-1/2	1-1/2	120	800	113	0.118
1-1/2	1-1/2	240	800	113	0.118
1-1/2	2	240	1000	106	0.157
1-1/2	2-1/2	240	1200	102	0.157
2	1	120	700	111	0.118
2	1	240	700	111	0.118
2	2-1/2	120	1000	106	0.157
2	2-1/2	240	1000	106	0.157
2-1/2	1	240	800	102	0.157
2-1/2	1-1/2	240	1200	102	0.157
2-1/2	2	240	1600	102	0.157

Other sizes available, please consult sales engineers for more information.

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[www.infinityfluids.com](http://www.infinityfluids.com)

