



The TE200ES single point strap-on temperature sensor has a precision sensor bonded to a 38 mm x 38 mm (1.5"x 1.5") aluminum plate and adhered to a 38 mm x 25.4 mm (1.5 x 1") compressible foam. A 254 mm (10") S/S Pipe clamp is provided to secure the assembly to various sizes of pipe. All probes are constructed to provide excellent heat transfer, fast response and are potted to resist moisture penetration. It is available with a variety of enclosures.



### SPECIFICATION:

- Sensor Type ..... Thermistor or RTD  
See Ordering Chart
- Temperature Range.....-20 to 105 °C (-4 to 221 °F)  
Higher Ranges Available  
Contact Greystone
- Wire Material.....PVC insulated, parallel bonded  
(Type 2, 100 ohm Platinum is FT-4)
- Probe Material.....38 mm (1.5") square aluminum plate  
w/ compressible foam backing
- Enclosure.....Standard - ABS - UL94-5VB - IP61 (NEMA 2)  
Round (E) - ABS - UL94-V5 B- IP65 (NEMA4X)  
Metal (M) - Gal. Steel - IP50 (NEMA1)  
\*In order to maintain the published NEMA/IP ratings, properly rated conduit or cable gland adapters must be used.
- Termination .....Pigtail 2 or 3 wire  
Terminal block with (E) enclosure

### TYPICAL INSTALLATION:

**For complete installation and wiring details, please refer to the product installation instructions.**

**For best results, thermal conductive compound should be applied to pipe prior to mounting the probe.**

The TE200ES series can be mounted directly to various sizes of pipes and secured using the 10" S/S pipe clamp.

If necessary, remove a section of insulation from the pipe. The 10" S/S pipe clamp is a "Quick Release" type and can be separated by moving the tightening screw so that it is perpendicular to the clamp and sliding the clamp apart. Position the aluminum plate on the pipe so it makes the best contact, wrap the clamp around the pipe and re-assemble and tighten. Any excess clamp may be cut off.

Wiring connections are made inside the enclosure using a 2 or 3 wire pigtail. On the Round (E) enclosure a terminal strip is provided.

### PART NUMBER SELECTED

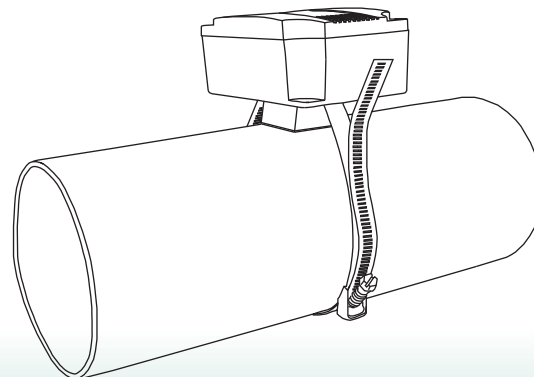
### PRODUCT SELECTION INFORMATION:

MODEL	Product Description
TE200ES	Strap-on Temperature Sensor

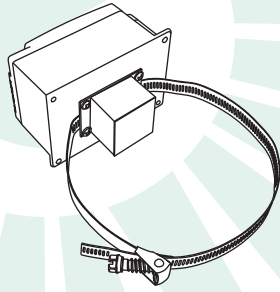
CODE	Enclosure (ABS enclosure is standard)
-	ABS enclosure, standard (no code required, leave blank)
E	Round ABS, w/gasketed cover
M	Metal utility box

CODE	Sensor
2	100 Ω Plat. IEC 751, 385 Alpha, thin film
5	1801 Ω, NTC Thermistor, ±0.2 C
6	3000 Ω, NTC Thermistor, ±0.2 C
7	10,000 Ω, type 3, NTC Thermistor, ±0.2 C
8	2.252 KΩ, NTC Thermistor, ±0.2 C
12	1000 Ω Platinum, IEC 751, 385 Alpha, thin film
13	1000 Ω Nickel, Class B, DIN 43760
14	10,000 Ω, type 3, NTC Thermistor, ±0.2 C c/w 11K shunt resistor
20	20,000 Ω, NTC Thermistor, ±0.2 C
24	10,000 Ω, type 2, NTC Thermistor, ±0.2 C

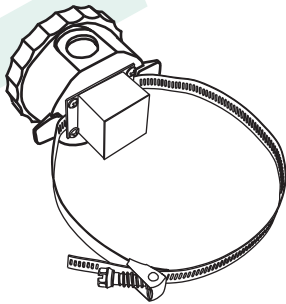
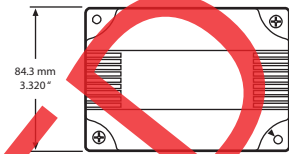
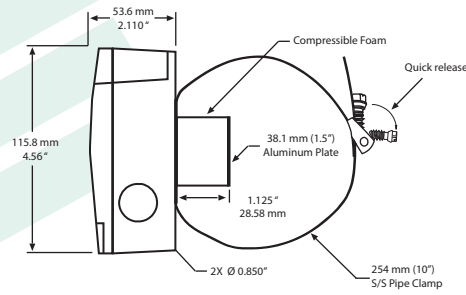
Greystone Energy Systems, Inc. reserves the right to make design modifications without prior notice.



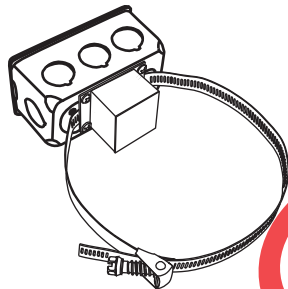
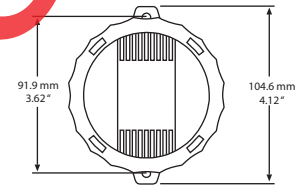
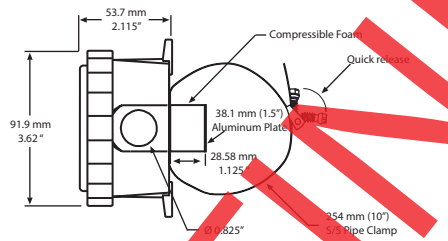
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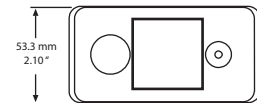
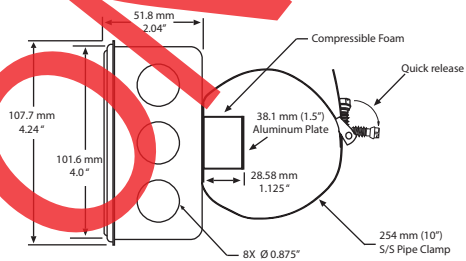
**ABS Enclosure**



**Round ABS Enclosure (E)**



**Metal Enclosure (M)**



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Greystone Energy Systems, Inc.  
 150 English Drive, Moncton,  
 New Brunswick, Canada E1E 4G7  
 (506) 853-3057 Fax: (506) 853-6014  
 North America: 1-800-561-5611  
 e-mail: mail@greystoneenergy.com  
 www.greystoneenergy.com

**RoHS**  
 COMPLIANT



*Greystone Energy Systems Inc. is one of North America's largest ISO registered manufacturers of HVAC/R sensors and transmitters for Building Automation Management Systems.*

*We have conscientiously established a worldwide reputation as an industry leader by maintaining leading-edge design technology, prompt technical support, and a commitment to on-time deliveries. We take pride in our Quality Management System which is ISO 9001 certified, assuring our customers of consistent product reliability.*

**GREYSTONE HAS AN ISO 9001 REGISTERED QUALITY SYSTEM**