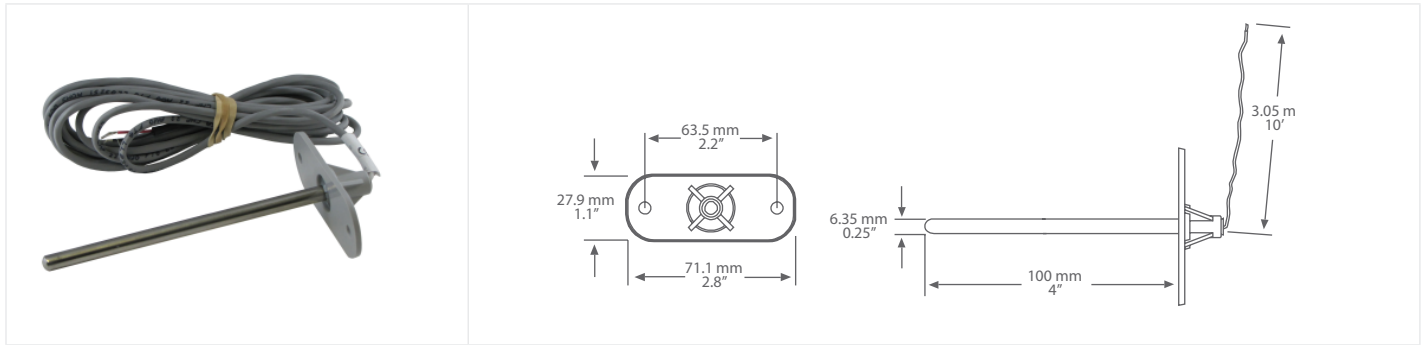




DUCT TEMPERATURE SENSOR



HP-4-BB SERIES

PRODUCT DESCRIPTION

The HP-4-BB single point duct temperature sensor utilizes a precision thermistor sensor encapsulated in a stainless steel probe. All probes provide excellent heat transfer, fast response and resistance to moisture penetration. It comes with an integrated mounting bracket and 10' (3.05 m) of cable for connection to the Building Automation System.

TYPICAL INSTALLATION

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

The duct type probes are installed through a hole in the side of the duct to monitor a single point temperature within the duct. Since the probes are tip sensitive, select a probe length that places the sensor well into the duct. Install the probe into a straight section of duct at a suitable distance downstream from any heating, cooling or humidification devices.

Two holes are provided on the bracket to secure the sensor to the duct.

ORDERING

HP-4-BB

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

SPECIFICATIONS

SENSOR TYPE	10,000 Ω , type 3, NTC Thermistor, $\pm 0.2^{\circ}\text{C}$
TEMPERATURE RANGE	-20 to 60°C (-4 to 140°F)
WIRE MATERIAL	PVC insulated, parallel bonded, 22 AWG
WIRE LENGTH	3.05 m (10')
PROBE MATERIAL	304 series stainless steel
PROBE DIMENSIONS	100mm L x 6.35mm D (4" x 0.25")
TERMINATION	Pigtail, 2 or 3 wire
COUNTRY OF ORIGIN	Canada

