

SIT-6E Pavement Sensor

- Control Based Upon Pavement Conditions
- Rugged Construction
- Simple Installation
- Low Voltage Operation
- Reliable Snow Melting
- Minimum Energy Cost
- Long Trouble-Free Life



Description

The SIT-6E, which replaces the SIT-5E, reliably detects snow and ice conditions on pavement surfaces when used with any APS series or EUR-5A Control Panel. This ensures that deicing heaters operate only while needed, which minimizes energy costs without sacrificing snow melting effectiveness. A built-in hold-on timer keeps heaters operating for an hour after snow stops to help ensure complete snow melting.

The SIT-6E senses snow as moisture detected between below 38°F (3.3°C). Operation in the 32° to 38°F (0° to 3.3°C) temperature range eliminates otherwise slow melting.

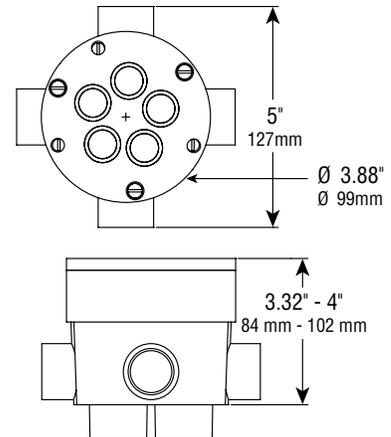
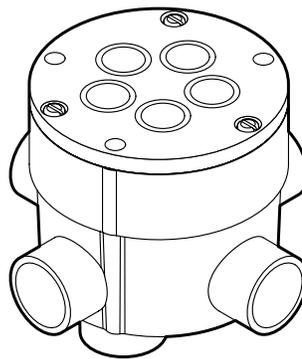
The SIT-6E accurately measures pavement temperature by compensating for its internal heating. This eliminates the cost and complex-

ity of a separate pavement temperature sensor. For improved efficiency, the SIT-6E mounts close to the deicing heaters to ensure that pavement and sensor become dry at about the same time.

The new mounting system helps align the SIT-6E with the pavement surface. Six available conduit locations add to installation flexibility and simplicity. The sensor subassembly is field replaceable without disturbing the pavement. The SIT-6E is a NEC Class 2 low voltage device which simplifies installation.

Only brass, epoxy, and stainless steel are exposed to the pavement surface. Precision machining gives these products a handsome appearance that will please the building owner, engineer, and architect.

Dimensions



Six (6) 3/4" Knockouts on Sides and Bottom

Specifications and Ordering Information

NOTE: The output signal of an SIT-6E pavement sensor is not a contact closure — it is a solid state switch compatible only with Environmental Technology's APS, EUR, and Pro Series control product lines. If a contact closure is desired for an output signal, please select from our HSC series of pavement sensors.

Model Number	PCN	Stock
SIT-6E Pavement Mounted Sensor	389765	S
Stock Status: S = stock AS = assembly stock NS = non-stock To Order —Specify model, PCN and quantity.		

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SNOW MELTING
CONTROLS