



## Energy Efficient Snow Melting

# Model SIT-6E Pavement-Mounted Snow and Ice Sensor



### Benefits

- Reliable snow melting
- Minimum energy costs

### Features

- Control based upon pavement conditions
- Rugged construction
- Simple installation
- Low voltage operation

### Description

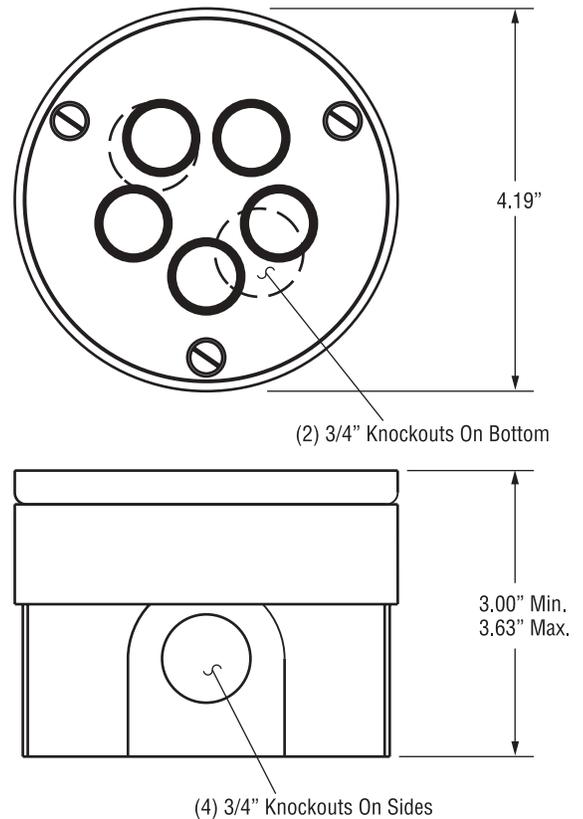
The SIT-6E, which replaces the SIT-5E, reliably detects snow and ice conditions on pavement surfaces. This ensures that deicing heaters operate only while needed which minimizes energy costs without sacrificing snow melting effectiveness. A built-in, hold-on timer keeps heaters operating for an hour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

The SIT-6E senses snow as moisture detected between the limits of -30 and 38 degrees Fahrenheit. Operation in the 32 to 38 degree temperature range eliminates otherwise slow melting.

The SIT-6E accurately measures pavement temperature by compensating for its internal heating. This eliminates the cost and complexity of a separate pavement temperature sensor. For improved efficiency, the SIT-6E mounts closely 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 the SIT-6E a handsome appearance that will please the building owner, engineer, and architect.

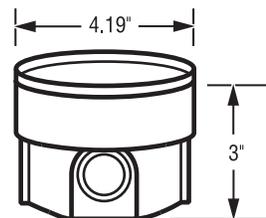
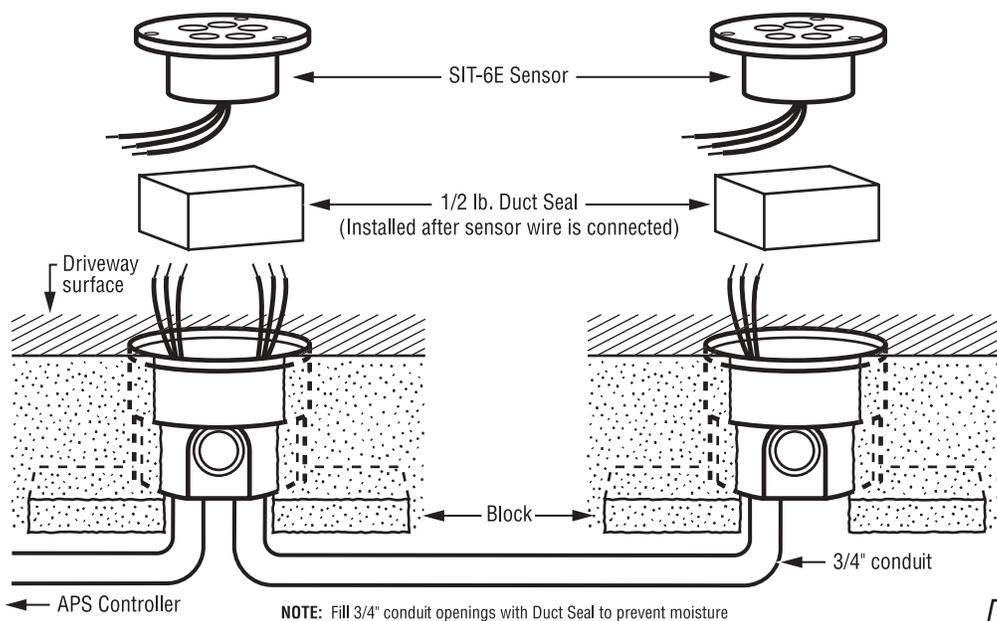


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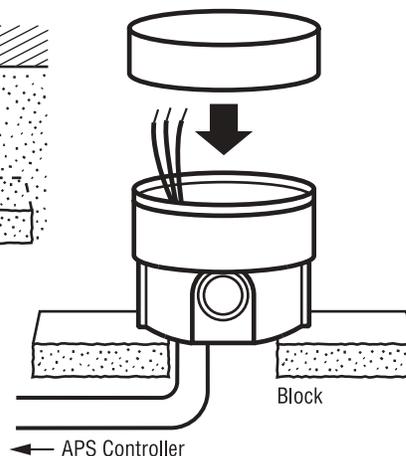
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## Typical Installation



- Min. depth of pour 3"
- After pour internal height adjustment .63"
- .75" threaded conduit hub sizes (four way and two at bottom)

Install cap prior to concrete pour



## Ordering Information

Order Number	Description
20756	SIT-6E Pavement-Mounted Snow and Ice Sensor
20755	Replacement SIT-6E Sensor Subassembly *
20879	100' Spool of 3-Conductor Sensor Extension Wire **
20877	250' Spool of 3-Conductor Sensor Extension Wire **
20878	500' Spool of 3-Conductor Sensor Extension Wire **
20760	Pavement Mounted Junction Box **

\* Replacement Part

\*\* Accessory

## Limited Warranty

Environmental Technology, Inc. provides a two year limited warranty covering defects in workmanship and materials. Contact Customer Service for complete warranty information.

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