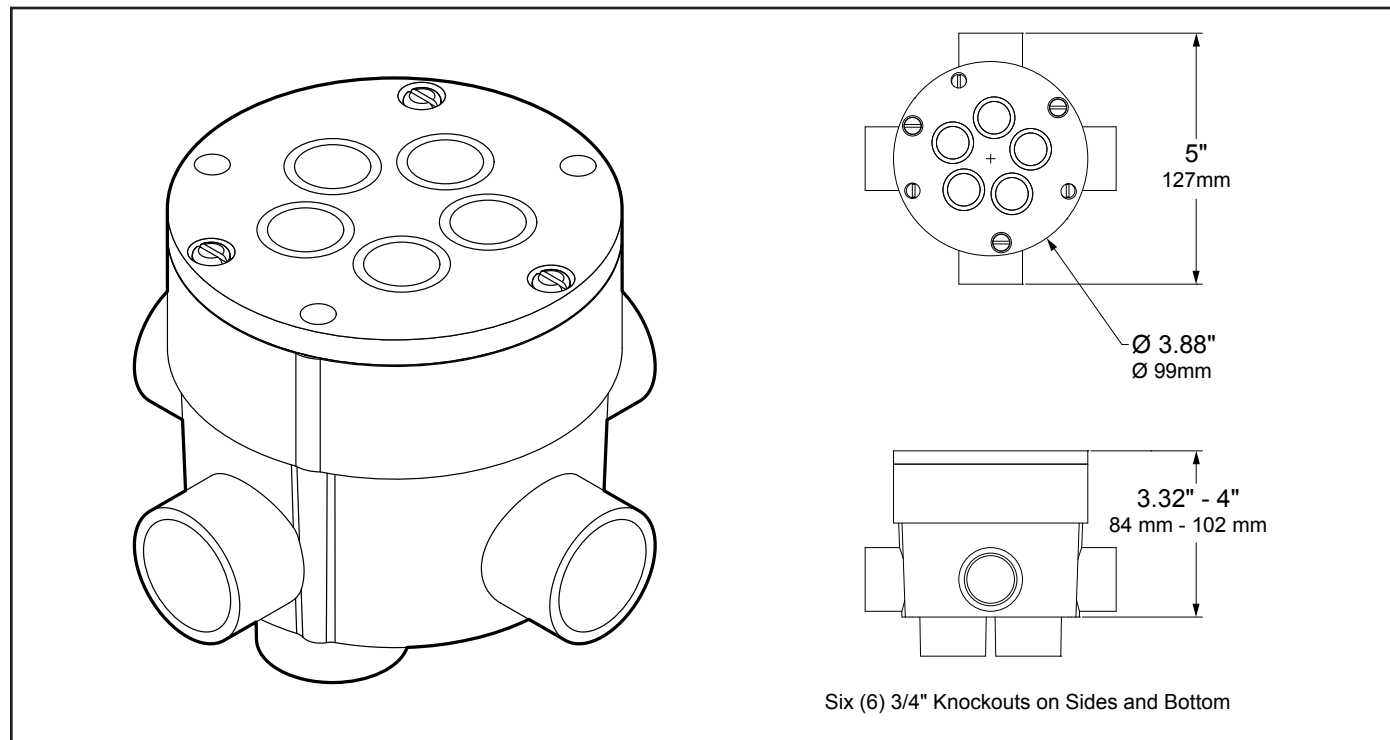


FEATURES & BENEFITS

- Reliable snow melting
- Minimum energy costs
- Control based upon pavement conditions
- Rugged construction
- Adjusts to pavement
- Simple installation
- NEC Class 2 device



DESCRIPTION

The HSC-4 & HSC-5 pavement-mounted deicing controllers reliably operate snow and ice melting heaters based upon pavement condition. This ensures that deicing heaters operate only while needed which minimizes energy costs without sacrificing snow melting effectiveness.

The HSC-4 & HSC-5 controllers signal for snow and ice melting at pavement temperatures below 38° F (3.3° C) while moisture in any form—including water, snow, sleet or ice—is present. Once the moisture element has dried, a hold-on timer keeps heaters operating to help ensure complete snow

and ice melting; one-hour for the HSC-4 and five-hours for the HSC-5.

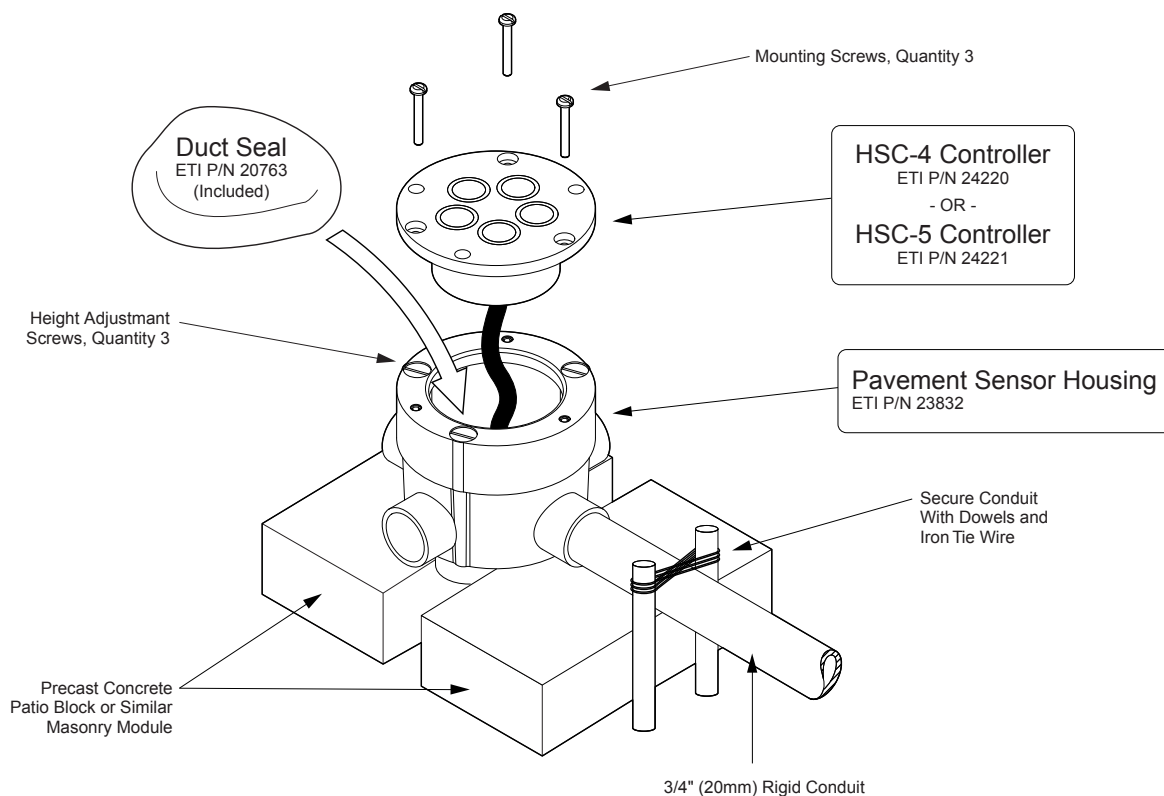
The HSC-4 & HSC-5 controllers accurately measures pavement temperature by compensating for internal heating. This eliminates the cost and complexity of a separate pavement temperature sensor. For improved efficiency, products mount close to the deicing heaters to ensure that pavement and sensor become dry at about the same time.

The new mounting system provides accurate alignment 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 HSC-4 & HSC-5 controllers are NEC Class 2 devices operating from customer supplied 24 volts AC. The output signal, or call-for-heat, is a floating Form A low voltage 1 amp relay contact for interfacing with external relays, valves, pumps, energy management computer, and similar devices.

For complete information describing application, installation, and features, please contact Environmental Technology Customer Service or visit our website at networketi.com.

Typical Installation



HSC-4/5 Installation Drawing

ORDERING INFORMATION

Order Number	Description
24220	HSC-4 Pavement-Mounted Sensor (requires 23832 Pavement Sensor Housing)
24221	HSC-5 Pavement-Mounted Sensor (requires 23832 Pavement Sensor Housing)
23832	Pavement Sensor Housing

LIMITED WARRANTY

ETI's two year limited warranty covering defects in workmanship and materials applies. Contact Customer Service for complete warranty information.

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