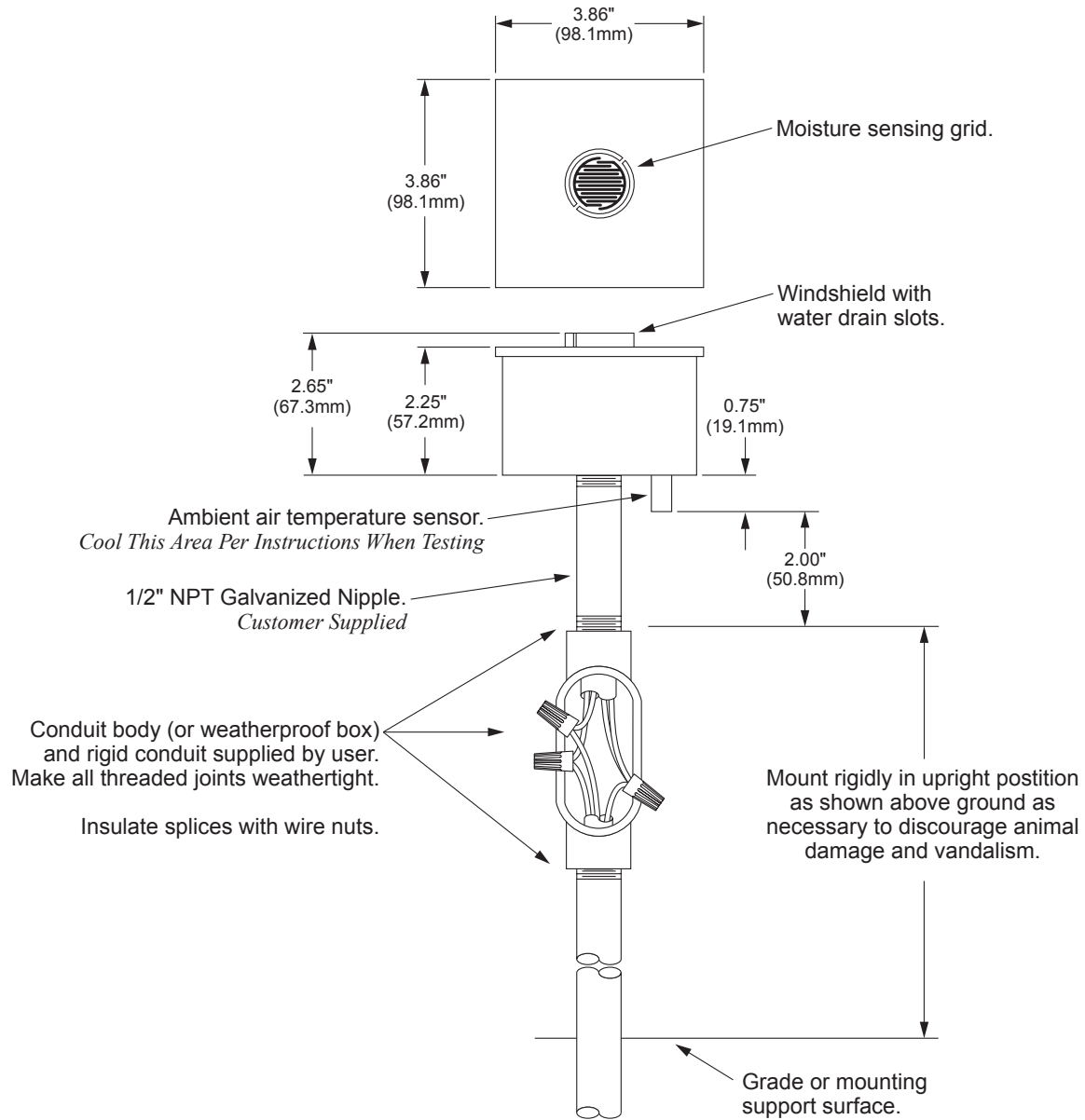




Model LCD[®]-7A Snow Switch[®]

Part Number 21035

Installation Manual



Installation

Mount sensor securely in upright position in clear (open) area typical of area to be melted, either above roof line or removed from building as to not be protected from the falling snow.

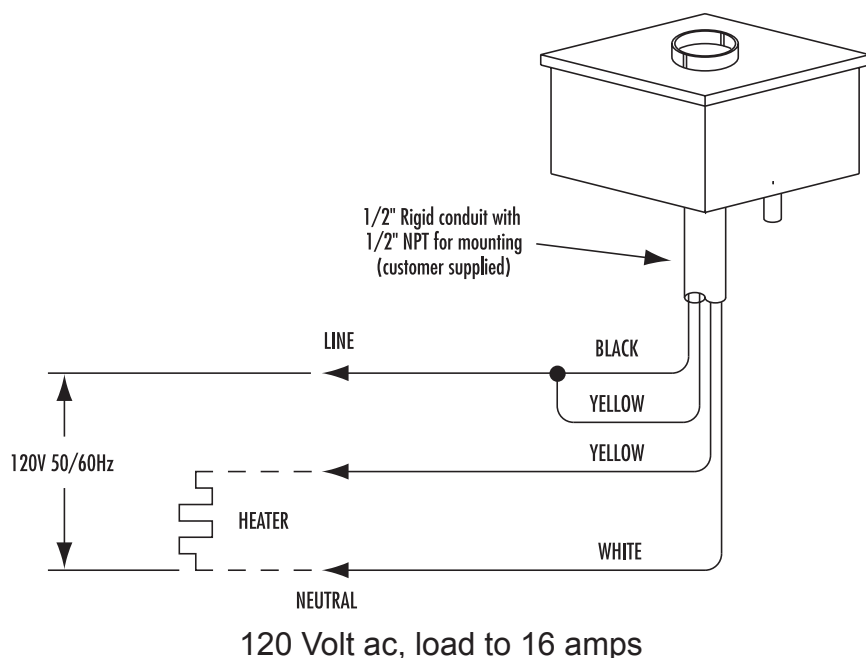
AVOID overhead trees, shrubs, wires, eaves, etc., and following or blowing debris.

AVOID vehicle and foot traffic. Do not create a safety hazard.

AVOID exposure to artificial heat sources and excessive shock and vibration.

Install per all applicable electrical and building codes and regulations.

INSTALL IN ACCORDANCE WITH THE REQUIREMENTS OF ALL APPLICABLE ELECTRICAL AND BUILDING CODES AND REGULATIONS. ENSURE THAT ALL CONDUIT/CABLE TERMINATIONS ARE WATERTIGHT.



Post-installation Snow Switch® test

Most problems result from installation errors. Before testing, verify that unit is properly installed.

1. Connect power to snow melting system. Wait fifteen seconds, system should not actuate.
2. Using ice water or other cooling agent and cool ambient air temperature sensor below 38°F(3.3°C), system should not actuate. Apply moisture to moisture sensing grid, system should actuate in less than 15 seconds.
3. Dry moisture sensing grid. Disconnect power to snow melting system. Wait one minute, then reconnect power. If system actuates ensure sensing grid is dry and ambient air temperature is above 38°F(3.3°C), then repeat this step.

Operating temperature

Range (Min/Max)	-40/140°F (-40/60°C)
Setting	38°F (3.3°C)
Tolerance (+/-)	1.5°F (-17°C)

Lockout temperature

Setting	—
Tolerance (+/-)	—
Hold-On Timer	
Nominal timer	3 Hr.
Tolerance (+/-)	1%

Output Relay

Rated Voltage (volts a-c 50/60 Hz)	120 Volts
Maximum Load	16 Amps

Supply

Rated Voltage (volts a-c 50/60 Hz)	120 Volts
Tolerance (+/-)	10%
Nominal Power	0.6 Watts

Questions and Comments

For technical help, questions or comments concerning this product or any of Environmental Technology, Inc. products contact Customer Service between 8:00 a.m. and 5:00 p.m. EST.

Voice: (800)234-4239 in the USA and Canada or (574)233-1202 everywhere
 Fax: (888)234-4238 in the USA and Canada or (574)233-2152 everywhere
 Email: helpdesk@networketi.com
 Web: <http://www.networketi.com>

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