

AIR-SS-2 Sensor

Check List

Materials And Tools Required:

- Wiring diagram
 - Compatible Control (SCP-120, SCA-DUAL or SC-MZ-TOUCH)
 - Ice cubes or water
 - Can of compressed air/electronics duster
 - 3 conductor extension wire 22 AWG for distances up to 500 ft., 18 AWG for up to 1000 ft.
 - Single-gang box(es) with waterproof fittings
 - Electrical Conduit 3/4" PVC or 1/2" PVC with bushing, or 1/2" NPT
 - Conduit fitting tools and supplies
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Step 1: Find suitable location for sensor

- Locate in a clear and open area near the area to be melted, away from buildings and trees/shrubs
 - Verify that conduit can be placed accordingly between the sensor and control
 - Verify that the chosen location can be accessed for annual cleaning
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Step 2: Rough in Electrical Work

- Plan routing and conduit work. Sensor wiring cannot share conduit with line voltage wiring.
 - Assemble conduit and junction box with waterproof fittings
 - Install sensor using approved NPT or PVC waterproof fittings
 - Install user supplied extension wiring and make connections to the sensor inside waterproof junction box
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Step 3: Electrical Power Hookup

- Connect extension wiring to controller and power up controller
 - Setup and test the sensor using water/ice and can of compressed air turned upside down
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