

PART 1 - GENERAL

1.1 RELATED SECTIONS

- .1 Section 26 29 03 - Control Devices.

1.2 REFERENCES

- .1 CSA International
 - .1 CSA C22.2 No.46-2013, Electric Air-Heaters.
 - .2 CSA C22.1-12, Canadian Electrical Code, Part 1, Safety Standard for Electrical Installations.

1.3 PRODUCT DATA

- .1 Submit in accordance with Section 01 33 00 - Submittal Procedures.
- .2 Product Data:
 - .1 Submit manufacturer's instructions, printed product literature and data sheets for baseboard convectors and include product characteristics, performance criteria, physical size, finish and limitations.

1.4 CLOSEOUT SUBMITTALS

- .1 Submit in accordance with Section 01 78 00 - Closeout Submittals.
- .2 Operations and Maintenance Data: submit operation and maintenance data for baseboard convectors for incorporation into the manual.

1.5 DELIVERY, STORAGE AND HANDLING

- .1 Deliver, store and handle materials in accordance with Section 01 61 00 - Common Product Requirements and with manufacturer's written instructions.
 - .2 Delivery and Acceptance Requirements: deliver materials to site in original factory packaging, labelled with manufacturer's name and address.
 - .3 Storage and Handling Requirements:
 - .1 Store materials off ground, indoors and in accordance with manufacturer's recommendations in clean, dry, well-ventilated area.
 - .2 Store and protect baseboard convectors from nicks, scratches and blemishes.
 - .3 Replace defective or damaged materials with new.
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- .4 Packaging Waste Management: remove for reuse and return of packaging materials as specified in Construction Waste Management Plan, in accordance with Section 01 74 21 - Construction/Demolition Waste Management and Disposal.

PART 2 - PRODUCTS

2.1 BASEBOARD CONVECTORS

- .1 Heaters: to CSA C22.2 No.46.
- .2 Rated 120V, single phase, wattage as indicated on drawings.
- .3 Minimum 22 gauge galvanized steel body (top, back and bottom).
- .4 Minimum 20 gauge galvanized steel front panel and electrical connection box.
- .5 Baked enamel or powder coat finish, white in colour.
- .6 Full length capillary sensor tube with limit switch for thermal protection.
- .7 Suitable to be controlled (compatible with) line voltage thermostat. Refer to Section 26 29 03 - Control Devices.

2.2 CONTROLS

- .1 Wall mounted thermostats: line voltage, in accordance with Section 26 29 03 - Control Devices.

PART 3 - EXECUTION

3.1 INSTALLATION

- .1 Install baseboard convector heaters, blank sections and controls.
 - .2 Install grounding wire to maintain ground integrity between heating, blank, and auxiliary sections.
 - .3 Install thermostats in locations indicated on drawings.
 - .4 Make power and control connections.
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3.2 FIELD QUALITY CONTROL

- .1 Perform tests in accordance with Section 26 05 00 - Common Work Results - Electrical.
- .2 Ensure heaters and controls operate correctly.

3.3 CLEANING

- .1 Progress Cleaning: clean in accordance with Section 01 74 11 - Cleaning.
 - .1 Leave Work area clean at the end of each day.
- .2 Final Cleaning: upon completion remove surplus materials, rubbish, tools and equipment in accordance with Section 01 74 11 - Cleaning.
- .3 Waste Management: separate waste materials for reuse and recycling in accordance with Section 01 74 21 - Construction/Demolition Waste Management and Disposal.
 - .1 Remove recycling containers and bins from site and dispose of materials at appropriate facility.

3.4 PROTECTION

- .1 Protect installed products and components from damage during construction.
- .2 Repair damage to adjacent materials caused by commercial baseboard convectors installation.