

# Junction Box for Non-Hazardous Locations



nVent RAYCHEM JB16-02 and JB-82 temperature-resistant polycarbonate junction boxes for non-hazardous areas. For use with nVent RAYCHEM self-regulating heating cables, to make a power connection, tee, splice, powered splice/tee. Up to four heating cables, or three heating cables and the appropriate size power cable can be connected through the four entries and connected to the rail mounted terminals.

## FEATURES

Simple installation with a nVent RAYCHEM support bracket

Reliable during long life: 10 year extended product warranty available, maintenance free

## SPECIFICATIONS

|                                   |                              |
|-----------------------------------|------------------------------|
| <b>Inlet Quantity:</b>            | 4                            |
| <b>Connection Clamp Quantity:</b> | 6                            |
| <b>IP Rating:</b>                 | IP66                         |
| <b>Material:</b>                  | Plastic                      |
| <b>Cover Attachment:</b>          | Screwed                      |
| <b>Mounting:</b>                  | Wall/Support Bracket Mounted |

Table 1/2

| Catalog Number | Item Name | Length | Height | Width  | Depth | Light Indication Included |
|----------------|-----------|--------|--------|--------|-------|---------------------------|
| 946607-000     | JB16-02   | 94 mm  | 94 mm  | 94 mm  | 57 mm | No                        |
| 535679-000     | JB-82     | 130 mm | 130 mm | 115 mm | 75 mm | No                        |

Table 2/2

| Catalog Number | Item Name | Earth Plate Included | Area Classification |
|----------------|-----------|----------------------|---------------------|
| 946607-000     | JB16-02   | No                   | Non-Hazardous       |

| Catalog Number | Item Name | Earth Plate Included | Area Classification |
|----------------|-----------|----------------------|---------------------|
| 535679-000     | JB-82     | No                   | Non-Hazardous       |

## WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at [www.nvent.com](http://www.nvent.com) and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.

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