

# 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.

### North America

Tel +1.800.545.6258  
Fax +1.800.527.5703  
[thermal.info@nvent.com](mailto:thermal.info@nvent.com)

### Europe, Middle East, Africa

Tel +32.16.213.511  
Fax +32.16.213.604  
[thermal.info@nvent.com](mailto:thermal.info@nvent.com)

### Asia Pacific

Tel +86.21.2412.1688  
Fax +86.21.5426.3167  
[cn.thermal.info@nvent.com](mailto:cn.thermal.info@nvent.com)

### Latin America

Tel +1.713.868.4800  
Fax +1.713.868.2333  
[thermal.info@nvent.com](mailto:thermal.info@nvent.com)

Our powerful portfolio of brands:

**RAYCHEM PYROTENAX TRACER NUHEAT**