

# ArcticStep Panel



nVent RAYCHEM ArcticStep is a modular panel heating system and consists of a robust metallic top plate, an embedded RAYCHEM self-regulating heating cable, fiber reinforced polymer supports, protective anti-slip coating and adjustable fixations.

## FEATURES

Simple and fast to install: a light-weight system, available in different sizes and power outputs, attached to the deck with adjustable fixations

Energy efficient: a self-regulating heating cable, with conductive compound and fiber reinforced polymer supports to ensure thermal insulation from the deck and exact amount of heat where it is most needed

Safe and reliable: through a bright yellow durable anti-slip coating, galvanic isolation from the deck and integrated power cable channels for protection against mechanical damage

Compliant with international offshore standards: DNV-GL approval

Reliable during long life, even in harsh corrosive environments: 10 year product warranty available, maintenance free

## SPECIFICATIONS

**Cold Lead Length:** 10 m  
**Nominal Voltage:** 230 V  
**Area Classification:** Non-Hazardous; Hazardous

Table 1/1

| Catalog Number   | Minimum Power Output @ -20°C, 230V | Modular Panel Type | Length  | Width   | Height |
|------------------|------------------------------------|--------------------|---------|---------|--------|
| RAS-500-C-1.0-10 | 500 W/m <sup>2</sup>               | Corner             | 1000 mm | 1000 mm | 35 mm  |
| RAS-500-S-1.0-10 | 500 W/m <sup>2</sup>               | Straight           | 1000 mm | 1000 mm | 35 mm  |
| RAS-350-S-1.0-10 | 350 W/m <sup>2</sup>               | Straight           | 1000 mm | 1000 mm | 35 mm  |
| RAS-500-S-2.0-10 | 500 W/m <sup>2</sup>               | Straight Long      | 2000 mm | 1000 mm | 35 mm  |

| Catalog Number   | Minimum Power Output @ -20°C, 230V | Modular Panel Type | Length  | Width   | Height |
|------------------|------------------------------------|--------------------|---------|---------|--------|
| RAS-650-C-1.0-10 | 650 W/m <sup>2</sup>               | Corner             | 1000 mm | 1000 mm | 35 mm  |
| RAS-650-S-1.0-10 | 650 W/m <sup>2</sup>               | Straight           | 1000 mm | 1000 mm | 35 mm  |
| RAS-350-C-1.0-10 | 350 W/m <sup>2</sup>               | Corner             | 1000 mm | 1000 mm | 35 mm  |
| RAS-650-S-2.0-10 | 650 W/m <sup>2</sup>               | Straight Long      | 2000 mm | 1000 mm | 35 mm  |
| RAS-350-S-2.0-10 | 350 W/m <sup>2</sup>               | Straight Long      | 2000 mm | 1000 mm | 35 mm  |

## 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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