

# Front Panel, Retrofit Shielding



Flat front panel. Shieldable with stainless steel EMC gasket.

## FEATURES

For stainless steel EMC gasket

Al, 2.5 mm, front anodized, conductive

**Depth (D):** 2.5mm  
**Material:** Aluminum  
**Accessory Type:** Front panel  
**Product Type:** Front Panel  
**Type:** Front Panel without Handle  
**EMC Shielding:** No (Retrofittable)



## SPECIFICATIONS

Table 1/2

| Catalog Number | Rack Height | Rack Width | Package Quantity | Mounting       | Gasket Type         | Front Finish |
|----------------|-------------|------------|------------------|----------------|---------------------|--------------|
| 20846-436      | 3U          | 28HP       | 1                | Screw-on Front | Stainless Steel EMC | Anodized     |
| 20846-425      | 3U          | 3HP        | 1                | Screw-on Front | Stainless Steel EMC | Anodized     |
| 30846-588      | 2U          | 84HP       | 1                | Screw-on Front | Stainless Steel EMC | Anodized     |
| 30846-771      | 6U          | 84HP       | 1                | Screw-on Front | Stainless Steel EMC | Anodized     |
| 20846-448      | 6U          | 10HP       | 1                | Screw-on Front | Stainless Steel EMC | Anodized     |
| 30846-676      | 3U          | 84HP       | 1                | Screw-on Front | Stainless Steel EMC | Anodized     |
| 20846-430      | 3U          | 8HP        | 1                | Screw-on Front | Stainless Steel EMC | Anodized     |
| 20846-442      | 6U          | 3HP        | 1                | Screw-on Front | Stainless Steel EMC | Anodized     |
| 20846-456      | 6U          | 16HP       | 1                | Screw-on Front | Stainless Steel EMC | Anodized     |

| Catalog Number | Rack Height | Rack Width | Package Quantity | Mounting       | Gasket Type         | Front Finish |
|----------------|-------------|------------|------------------|----------------|---------------------|--------------|
| 20846-449      | 6U          | 12HP       | 1                | Screw-on Front | Stainless Steel EMC | Anodized     |
| 20846-434      | 3U          | 21HP       | 1                | Screw-on Front | Stainless Steel EMC | Anodized     |
| 20846-429      | 3U          | 7HP        | 1                | Screw-on Front | Stainless Steel EMC | Anodized     |
| 20846-426      | 3U          | 4HP        | 1                | Screw-on Front | Stainless Steel EMC | Anodized     |
| 20846-427      | 3U          | 5HP        | 1                | Screw-on Front | Stainless Steel EMC | Anodized     |
| 20846-454      | 6U          | 63HP       | 1                | Screw-on Front | Stainless Steel EMC | Anodized     |
| 20846-438      | 3U          | 63HP       | 1                | Screw-on Front | Stainless Steel EMC | Anodized     |
| 20846-453      | 6U          | 42HP       | 1                | Screw-on Front | Stainless Steel EMC | Anodized     |
| 20846-450      | 6U          | 14HP       | 1                | Screw-on Front | Stainless Steel EMC | Anodized     |
| 20846-452      | 6U          | 28HP       | 1                | Screw-on Front | Stainless Steel EMC | Anodized     |
| 20846-437      | 3U          | 42HP       | 1                | Screw-on Front | Stainless Steel EMC | Anodized     |

Table 2/2

| Catalog Number | Rack Height | Rack Width | Package Quantity | Mounting       | Gasket Type         | Front Finish |
|----------------|-------------|------------|------------------|----------------|---------------------|--------------|
| 20846-451      | 6U          | 21HP       | 1                | Screw-on Front | Stainless Steel EMC | Anodized     |
| 20846-446      | 6U          | 7HP        | 1                | Screw-on Front | Stainless Steel EMC | Anodized     |
| 20846-431      | 3U          | 10HP       | 1                | Screw-on Front | Stainless Steel EMC | Anodized     |
| 20846-424      | 3U          | 16HP       | 1                | Screw-on Front | Stainless Steel EMC | Anodized     |
| 20846-445      | 6U          | 6HP        | 1                | Screw-on Front | Stainless Steel EMC | Anodized     |
| 30846-865      | 6U          | 2HP        | 1                | Screw-on Front | Stainless Steel EMC | Anodized     |
| 20846-428      | 3U          | 6HP        | 1                | Screw-on Front | Stainless Steel EMC | Anodized     |
| 20846-444      | 6U          | 5HP        | 1                | Screw-on Front | Stainless Steel EMC | Anodized     |
| 30846-864      | 3U          | 2HP        | 1                | Screw-on Front | Stainless Steel EMC | Anodized     |
| 20846-433      | 3U          | 14HP       | 1                | Screw-on Front | Stainless Steel EMC | Anodized     |
| 20846-432      | 3U          | 12HP       | 1                | Screw-on Front | Stainless Steel EMC | Anodized     |
| 30846-859      | 9U          | 84HP       | 1                | Screw-on Front | Stainless Steel EMC | Anodized     |
| 20846-447      | 6U          | 8HP        | 1                | Screw-on Front | Stainless Steel EMC | Anodized     |
| 20846-443      | 6U          | 4HP        | 1                | Screw-on Front | Stainless Steel EMC | Anodized     |
| 30846-683      | 4U          | 84HP       | 1                | Screw-on Front | Stainless Steel EMC | Anodized     |

Table 1/2

| Catalog Number | Rear Finish | Treated Edges | Complies With                   | Finish   | Height (H) | Width (W) |
|----------------|-------------|---------------|---------------------------------|----------|------------|-----------|
| 20846-436      | Conductive  | No            | IEC 60297-3-101, IEEE 1101.1/10 | Anodized | 128.4mm    | 141.9mm   |
| 20846-425      | Conductive  | No            | IEC 60297-3-101, IEEE 1101.1/10 | Anodized | 128.4mm    | 14.9mm    |

| Catalog Number | RearFinish | Treated Edges | Complies With                   | Finish               | Height(H) | Width(W) |
|----------------|------------|---------------|---------------------------------|----------------------|-----------|----------|
| 30846-588      | Conductive | No            | IEC 60297-3-101, IEEE 1101.1/10 | Anodized, Passivated | 84mm      | 426.4mm  |
| 30846-771      | Conductive | No            | IEC 60297-3-101, IEEE 1101.1/10 | Anodized             | 261.8mm   | 426.4mm  |
| 20846-448      | Conductive | No            | IEC 60297-3-101, IEEE 1101.1/10 | Anodized             | 261.8mm   | 50.5mm   |
| 30846-676      | Conductive | No            | IEC 60297-3-101, IEEE 1101.1/10 | Anodized, Passivated | 128.4mm   | 426.4mm  |
| 20846-430      | Conductive | No            | IEC 60297-3-101, IEEE 1101.1/10 | Anodized             | 128.4mm   | 40.3mm   |
| 20846-442      | Conductive | No            | IEC 60297-3-101, IEEE 1101.1/10 | Anodized             | 261.8mm   | 14.9mm   |
| 20846-456      | Conductive | No            | IEC 60297-3-101, IEEE 1101.1/10 | Anodized             | 261.8mm   | 80.9mm   |
| 20846-449      | Conductive | No            | IEC 60297-3-101, IEEE 1101.1/10 | Anodized             | 261.8mm   | 60.6mm   |
| 20846-434      | Conductive | No            | IEC 60297-3-101, IEEE 1101.1/10 | Anodized             | 128.4mm   | 106.3mm  |
| 20846-429      | Conductive | No            | IEC 60297-3-101, IEEE 1101.1/10 | Anodized             | 128.4mm   | 35.2mm   |
| 20846-426      | Conductive | No            | IEC 60297-3-101, IEEE 1101.1/10 | Anodized             | 128.4mm   | 20mm     |
| 20846-427      | Conductive | No            | IEC 60297-3-101, IEEE 1101.1/10 | Anodized             | 128.4mm   | 25mm     |
| 20846-454      | Conductive | No            | IEC 60297-3-101, IEEE 1101.1/10 | Anodized             | 261.8mm   | 319.7mm  |
| 20846-438      | Conductive | No            | IEC 60297-3-101, IEEE 1101.1/10 | Anodized             | 128.4mm   | 319.7mm  |
| 20846-453      | Conductive | No            | IEC 60297-3-101, IEEE 1101.1/10 | Anodized             | 261.8mm   | 213mm    |
| 20846-450      | Conductive | No            | IEC 60297-3-101, IEEE 1101.1/10 | Anodized             | 261.8mm   | 70.8mm   |
| 20846-452      | Conductive | No            | IEC 60297-3-101, IEEE 1101.1/10 | Anodized             | 261.8mm   | 141.9mm  |
| 20846-437      | Conductive | No            | IEC 60297-3-101, IEEE 1101.1/10 | Anodized             | 128.4mm   | 213mm    |

Table 2/2

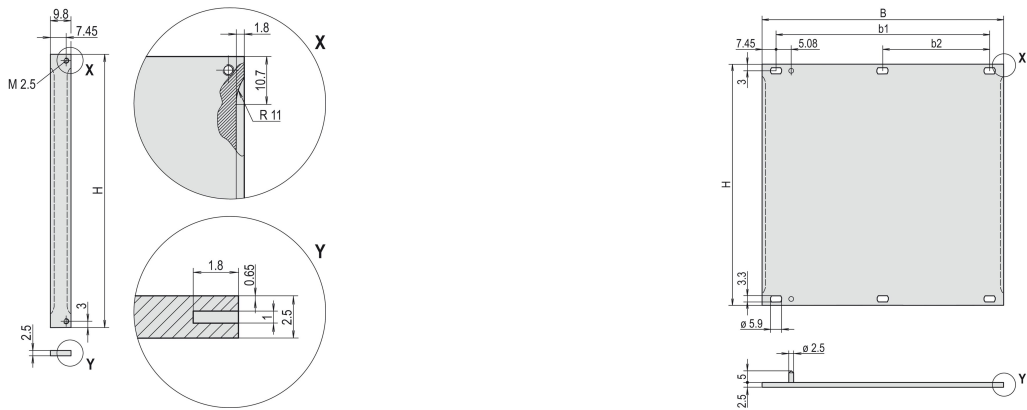
| Catalog Number | Rear Finish | Treated Edges | Complies With                   | Finish   | Height (H) | Width (W) |
|----------------|-------------|---------------|---------------------------------|----------|------------|-----------|
| 20846-451      | Conductive  | No            | IEC 60297-3-101, IEEE 1101.1/10 | Anodized | 261.8mm    | 106.3mm   |
| 20846-446      | Conductive  | No            | IEC 60297-3-101, IEEE 1101.1/10 | Anodized | 261.8mm    | 35.2mm    |

| Catalog Number | Rear Finish | Treated Edges | Complies With                   | Finish   | Height (H) | Width (W) |
|----------------|-------------|---------------|---------------------------------|----------|------------|-----------|
| 20846-431      | Conductive  | No            | IEC 60297-3-101, IEEE 1101.1/10 | Anodized | 128.4mm    | 50.5mm    |
| 20846-424      | Conductive  | No            | IEC 60297-3-101, IEEE 1101.1/10 | Anodized | 128.4mm    | 80.9mm    |
| 20846-445      | Conductive  | No            | IEC 60297-3-101, IEEE 1101.1/10 | Anodized | 261.8mm    | 30.1mm    |
| 30846-865      | Conductive  | No            | IEC 60297-3-101, IEEE 1101.1/10 | Anodized | 261.8mm    | 9.8mm     |
| 20846-428      | Conductive  | No            | IEC 60297-3-101, IEEE 1101.1/10 | Anodized | 128.4mm    | 30.1mm    |
| 20846-444      | Conductive  | No            | IEC 60297-3-101, IEEE 1101.1/10 | Anodized | 261.8mm    | 25mm      |
| 30846-864      | Conductive  | No            | IEC 60297-3-101, IEEE 1101.1/10 | Anodized | 128.4mm    | 9.8mm     |
| 20846-433      | Conductive  | No            | IEC 60297-3-101, IEEE 1101.1/10 | Anodized | 128.4mm    | 70.8mm    |
| 20846-432      | Conductive  | No            | IEC 60297-3-101, IEEE 1101.1/10 | Anodized | 128.4mm    | 60.6mm    |
| 30846-859      | Conductive  | No            | IEC 60297-3-101, IEEE 1101.1/10 | Anodized | 395.1mm    | 426.4mm   |
| 20846-447      | Conductive  | No            | IEC 60297-3-101, IEEE 1101.1/10 | Anodized | 261.8mm    | 40.3mm    |
| 20846-443      | Conductive  | No            | IEC 60297-3-101, IEEE 1101.1/10 | Anodized | 261.8mm    | 20mm      |
| 30846-683      | Conductive  | No            | IEC 60297-3-101, IEEE 1101.1/10 | Anodized | 172.9mm    | 426.4mm   |

## ADDITIONAL PRODUCT DETAILS

Please order fixing material (sleeves, collar screws) separately.

## DIAGRAMS



## 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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