

# Front Panel, Retrofit Shielding

## Power Utilities



Flat front panel. Shieldable with stainless steel EMC gasket.

### CERTIFICATIONS



### FEATURES

For stainless steel EMC gasket

Aluminum, 2.5 mm, front anodized, conductive

### SPECIFICATIONS

Table 1/3

| Catalog Number | Rack Height | Rack Width | Package Quantity | Mounting       | EMC Gasket Type | Front Finish |
|----------------|-------------|------------|------------------|----------------|-----------------|--------------|
| 20846-437      | 3 U         | 42 HP      | 1                | Screw-on Front | Stainless Steel | Anodized     |
| 20846-438      | 3 U         | 63 HP      | 1                | Screw-on Front | Stainless Steel | Anodized     |
| 20846-453      | 6 U         | 42 HP      | 1                | Screw-on Front | Stainless Steel | Anodized     |

| CatalogNumber | Rack Height | Rack Width | Package Quantity | Mounting       | EMC Gasket Type | Front Finish |
|---------------|-------------|------------|------------------|----------------|-----------------|--------------|
| 20846-454     | 6 U         | 63 HP      | 1                | Screw-on Front | Stainless Steel | Anodized     |
| 30846-676     | 3 U         | 84 HP      | 1                | Screw-on Front | Stainless Steel | Anodized     |
| 30846-683     | 4 U         | 84 HP      | 1                | Screw-on Front | Stainless Steel | Anodized     |
| 30846-771     | 6 U         | 84 HP      | 1                | Screw-on Front | Stainless Steel | Anodized     |
| 30846-859     | 9 U         | 84 HP      | 1                | Screw-on Front | Stainless Steel | Anodized     |
| 30846-588     | 2 U         | 84 HP      | 1                | Screw-on Front | Stainless Steel | Anodized     |
| 30846-864     | 3 U         | 2 HP       | 5                | Screw-on Front | Stainless Steel | Anodized     |
| 30846-865     | 6 U         | 2 HP       | 5                | Screw-on Front | Stainless Steel | Anodized     |
| 20846-424     | 3 U         | 16 HP      |                  | Screw-on Front | Stainless Steel | Anodized     |
| 20846-425     | 3 U         | 3 HP       | 5                | Screw-on Front | Stainless Steel | Anodized     |
| 20846-426     | 3 U         | 4 HP       | 5                | Screw-on Front | Stainless Steel | Anodized     |
| 20846-427     | 3 U         | 5 HP       | 5                | Screw-on Front | Stainless Steel | Anodized     |
| 20846-428     | 3 U         | 6 HP       | 5                | Screw-on Front | Stainless Steel | Anodized     |
| 20846-429     | 3 U         | 7 HP       | 5                | Screw-on Front | Stainless Steel | Anodized     |
| 20846-430     | 3 U         | 8 HP       | 5                | Screw-on Front | Stainless Steel | Anodized     |
| 20846-431     | 3 U         | 10 HP      | 5                | Screw-on Front | Stainless Steel | Anodized     |
| 20846-432     | 3 U         | 12 HP      | 5                | Screw-on Front | Stainless Steel | Anodized     |
| 20846-433     | 3 U         | 14 HP      | 5                | Screw-on Front | Stainless Steel | Anodized     |

| CatalogNumber | Rack Height | Rack Width | Package Quantity | Mounting       | EMC Gasket Type | Front Finish |
|---------------|-------------|------------|------------------|----------------|-----------------|--------------|
| 20846-434     | 3 U         | 21 HP      | 5                | Screw-on Front | Stainless Steel | Anodized     |
| 20846-436     | 3 U         | 28 HP      | 5                | Screw-on Front | Stainless Steel | Anodized     |
| 20846-442     | 6 U         | 3 HP       |                  | Screw-on Front | Stainless Steel | Anodized     |
| 20846-443     | 6 U         | 4 HP       | 5                | Screw-on Front | Stainless Steel | Anodized     |
| 20846-444     | 6 U         | 5 HP       | 5                | Screw-on Front | Stainless Steel | Anodized     |
| 20846-445     | 6 U         | 6 HP       | 5                | Screw-on Front | Stainless Steel | Anodized     |
| 20846-446     | 6 U         | 7 HP       | 5                | Screw-on Front | Stainless Steel | Anodized     |
| 20846-447     | 6 U         | 8 HP       | 5                | Screw-on Front | Stainless Steel | Anodized     |
| 20846-448     | 6 U         | 10 HP      | 5                | Screw-on Front | Stainless Steel | Anodized     |
| 20846-449     | 6 U         | 12 HP      | 5                | Screw-on Front | Stainless Steel | Anodized     |
| 20846-450     | 6 U         | 14 HP      | 5                | Screw-on Front | Stainless Steel | Anodized     |
| 20846-451     | 6 U         | 21 HP      | 5                | Screw-on Front | Stainless Steel | Anodized     |
| 20846-452     | 6 U         | 28 HP      | 5                | Screw-on Front | Stainless Steel | Anodized     |
| 20846-456     | 6 U         | 16 HP      | 5                | Screw-on Front | Stainless Steel | Anodized     |

Table 2/3

| Catalog Number | Rear Finish | Treated Edges | Complies With                   | EMC Shielding      | Height   | Material |
|----------------|-------------|---------------|---------------------------------|--------------------|----------|----------|
| 20846-437      | Conductive  | No            | IEC 60297-3-101, IEEE 1101.1/10 | No (Retrofittable) | 128.4 mm | Aluminum |
| 20846-438      | Conductive  | No            | IEC 60297-3-101, IEEE 1101.1/10 | No (Retrofittable) | 128.4 mm | Aluminum |

| CatalogNumber | Rear Finish | Treated Edges | Complies With                   | EMC Shielding      | Height   | Material |
|---------------|-------------|---------------|---------------------------------|--------------------|----------|----------|
| 20846-453     | Conductive  | No            | IEC 60297-3-101, IEEE 1101.1/10 | No (Retrofittable) | 261.8 mm | Aluminum |
| 20846-454     | Conductive  | No            | IEC 60297-3-101, IEEE 1101.1/10 | No (Retrofittable) | 261.8 mm | Aluminum |
| 30846-676     | Conductive  | No            | IEC 60297-3-101, IEEE 1101.1/10 | No (Retrofittable) | 128.4 mm | Aluminum |
| 30846-683     | Conductive  | No            | IEC 60297-3-101, IEEE 1101.1/10 | No (Retrofittable) | 172.9 mm | Aluminum |
| 30846-771     | Conductive  | No            | IEC 60297-3-101, IEEE 1101.1/10 | No (Retrofittable) | 261.8 mm | Aluminum |
| 30846-859     | Conductive  | No            | IEC 60297-3-101, IEEE 1101.1/10 | No (Retrofittable) | 395.1 mm | Aluminum |
| 30846-588     | Conductive  | No            | IEC 60297-3-101, IEEE 1101.1/10 | No (Retrofittable) | 84 mm    | Aluminum |
| 30846-864     | Conductive  | No            | IEC 60297-3-101, IEEE 1101.1/10 | No (Retrofittable) | 128.4 mm | Aluminum |
| 30846-865     | Conductive  | No            | IEC 60297-3-101, IEEE 1101.1/10 | No (Retrofittable) | 261.8 mm | Aluminum |
| 20846-424     | Conductive  | No            | IEC 60297-3-101, IEEE 1101.1/10 | No (Retrofittable) | 128.4 mm | Aluminum |
| 20846-425     | Conductive  | No            | IEC 60297-3-101, IEEE 1101.1/10 | No (Retrofittable) | 128.4 mm | Aluminum |
| 20846-426     | Conductive  | No            | IEC 60297-3-101, IEEE 1101.1/10 | No (Retrofittable) | 128.4 mm | Aluminum |
| 20846-427     | Conductive  | No            | IEC 60297-3-101, IEEE 1101.1/10 | No (Retrofittable) | 128.4 mm | Aluminum |
| 20846-428     | Conductive  | No            | IEC 60297-3-101, IEEE 1101.1/10 | No (Retrofittable) | 128.4 mm | Aluminum |
| 20846-429     | Conductive  | No            | IEC 60297-3-101, IEEE 1101.1/10 | No (Retrofittable) | 128.4 mm | Aluminum |

| CatalogNumber | Rear Finish | Treated Edges | Complies With                   | EMC Shielding      | Height   | Material |
|---------------|-------------|---------------|---------------------------------|--------------------|----------|----------|
| 20846-430     | Conductive  | No            | IEC 60297-3-101, IEEE 1101.1/10 | No (Retrofittable) | 128.4 mm | Aluminum |
| 20846-431     | Conductive  | No            | IEC 60297-3-101, IEEE 1101.1/10 | No (Retrofittable) | 128.4 mm | Aluminum |
| 20846-432     | Conductive  | No            | IEC 60297-3-101, IEEE 1101.1/10 | No (Retrofittable) | 128.4 mm | Aluminum |
| 20846-433     | Conductive  | No            | IEC 60297-3-101, IEEE 1101.1/10 | No (Retrofittable) | 128.4 mm | Aluminum |
| 20846-434     | Conductive  | No            | IEC 60297-3-101, IEEE 1101.1/10 | No (Retrofittable) | 128.4 mm | Aluminum |
| 20846-436     | Conductive  | No            | IEC 60297-3-101, IEEE 1101.1/10 | No (Retrofittable) | 128.4 mm | Aluminum |
| 20846-442     | Conductive  | No            | IEC 60297-3-101, IEEE 1101.1/10 | No (Retrofittable) | 261.8 mm | Aluminum |
| 20846-443     | Conductive  | No            | IEC 60297-3-101, IEEE 1101.1/10 | No (Retrofittable) | 261.8 mm | Aluminum |
| 20846-444     | Conductive  | No            | IEC 60297-3-101, IEEE 1101.1/10 | No (Retrofittable) | 261.8 mm | Aluminum |
| 20846-445     | Conductive  | No            | IEC 60297-3-101, IEEE 1101.1/10 | No (Retrofittable) | 261.8 mm | Aluminum |
| 20846-446     | Conductive  | No            | IEC 60297-3-101, IEEE 1101.1/10 | No (Retrofittable) | 261.8 mm | Aluminum |
| 20846-447     | Conductive  | No            | IEC 60297-3-101, IEEE 1101.1/10 | No (Retrofittable) | 261.8 mm | Aluminum |
| 20846-448     | Conductive  | No            | IEC 60297-3-101, IEEE 1101.1/10 | No (Retrofittable) | 261.8 mm | Aluminum |
| 20846-449     | Conductive  | No            | IEC 60297-3-101, IEEE 1101.1/10 | No (Retrofittable) | 261.8 mm | Aluminum |
| 20846-450     | Conductive  | No            | IEC 60297-3-101, IEEE 1101.1/10 | No (Retrofittable) | 261.8 mm | Aluminum |

| CatalogNumber | Rear Finish | Treated Edges | Complies With                   | EMC Shielding      | Height   | Material |
|---------------|-------------|---------------|---------------------------------|--------------------|----------|----------|
| 20846-451     | Conductive  | No            | IEC 60297-3-101, IEEE 1101.1/10 | No (Retrofittable) | 261.8 mm | Aluminum |
| 20846-452     | Conductive  | No            | IEC 60297-3-101, IEEE 1101.1/10 | No (Retrofittable) | 261.8 mm | Aluminum |
| 20846-456     | Conductive  | No            | IEC 60297-3-101, IEEE 1101.1/10 | No (Retrofittable) | 261.8 mm | Aluminum |

Table 3/3

| Catalog Number | Product Type | Type                       | Width    |
|----------------|--------------|----------------------------|----------|
| 20846-437      | Front Panel  | Front Panel without Handle | 213 mm   |
| 20846-438      | Front Panel  | Front Panel without Handle | 319.7 mm |
| 20846-453      | Front Panel  | Front Panel without Handle | 213 mm   |
| 20846-454      | Front Panel  | Front Panel without Handle | 319.7 mm |
| 30846-676      | Front Panel  | Front Panel without Handle | 426.4 mm |
| 30846-683      | Front Panel  | Front Panel without Handle | 426.4 mm |
| 30846-771      | Front Panel  | Front Panel without Handle | 426.4 mm |
| 30846-859      | Front Panel  | Front Panel without Handle | 426.4 mm |
| 30846-588      | Front Panel  | Front Panel without Handle | 426.4 mm |
| 30846-864      | Front Panel  | Front Panel without Handle | 9.8 mm   |
| 30846-865      | Front Panel  | Front Panel without Handle | 9.8 mm   |
| 20846-424      | Front Panel  | Front Panel without Handle | 80.9 mm  |
| 20846-425      | Front Panel  | Front Panel without Handle | 14.9 mm  |

| Catalog Number | Product Type | Type                       | Width    |
|----------------|--------------|----------------------------|----------|
| 20846-426      | Front Panel  | Front Panel without Handle | 20 mm    |
| 20846-427      | Front Panel  | Front Panel without Handle | 25 mm    |
| 20846-428      | Front Panel  | Front Panel without Handle | 30.1 mm  |
| 20846-429      | Front Panel  | Front Panel without Handle | 35.2 mm  |
| 20846-430      | Front Panel  | Front Panel without Handle | 40.3 mm  |
| 20846-431      | Front Panel  | Front Panel without Handle | 50.5 mm  |
| 20846-432      | Front Panel  | Front Panel without Handle | 60.6 mm  |
| 20846-433      | Front Panel  | Front Panel without Handle | 70.8 mm  |
| 20846-434      | Front Panel  | Front Panel without Handle | 106.3 mm |
| 20846-436      | Front Panel  | Front Panel without Handle | 141.9 mm |
| 20846-442      | Front Panel  | Front Panel without Handle | 14.9 mm  |
| 20846-443      | Front Panel  | Front Panel without Handle | 20 mm    |
| 20846-444      | Front Panel  | Front Panel without Handle | 25 mm    |
| 20846-445      | Front Panel  | Front Panel without Handle | 30.1 mm  |
| 20846-446      | Front Panel  | Front Panel without Handle | 35.2 mm  |
| 20846-447      | Front Panel  | Front Panel without Handle | 40.3 mm  |
| 20846-448      | Front Panel  | Front Panel without Handle | 50.5 mm  |
| 20846-449      | Front Panel  | Front Panel without Handle | 60.6 mm  |

| Catalog Number | Product Type | Type                       | Width    |
|----------------|--------------|----------------------------|----------|
| 20846-450      | Front Panel  | Front Panel without Handle | 70.8 mm  |
| 20846-451      | Front Panel  | Front Panel without Handle | 106.3 mm |
| 20846-452      | Front Panel  | Front Panel without Handle | 141.9 mm |
| 20846-456      | Front Panel  | Front Panel without Handle | 80.9 mm  |

## ADDITIONAL PRODUCT DETAILS

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

## 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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