

# NEMA 12 Two-Door Wall-Mount



## Application

Designed for use in housing electrical and electronic controls, instruments, components and associated wiring. These enclosures incorporate double-hinged doors which provide convenient access. Designed for indoor use in protecting components from dust, dirt, oil and water.



## Construction

- Bodies and doors fabricated from 14-gauge steel
- Doors sealed with poured-in-place polyurethane gasket
- Continuously-welded seams ground smooth
- Grounding provisions provided
- Collar studs provided for mounting optional subpanel
- External mounting feet provided for mounting
- Rolled lip around all sides of enclosure opening is provided to exclude liquids and contaminants
- Special overlapping door design eliminates need for center post
- 3-point latching mechanism operates with an oil-tight locking handle
- Remove doors by pulling heavy gauge continuous hinge pin
- Uses [WAL2 series handle and WAL2KEY replacement key](#)

## Finish

- ANSI 61 gray polyester powder light texture inside and out over phosphatized surfaces

## Listings

- UL 508 12 [UL File E64791]
- NEMA/EEMAC 12
- JIC EL - 1 - 71



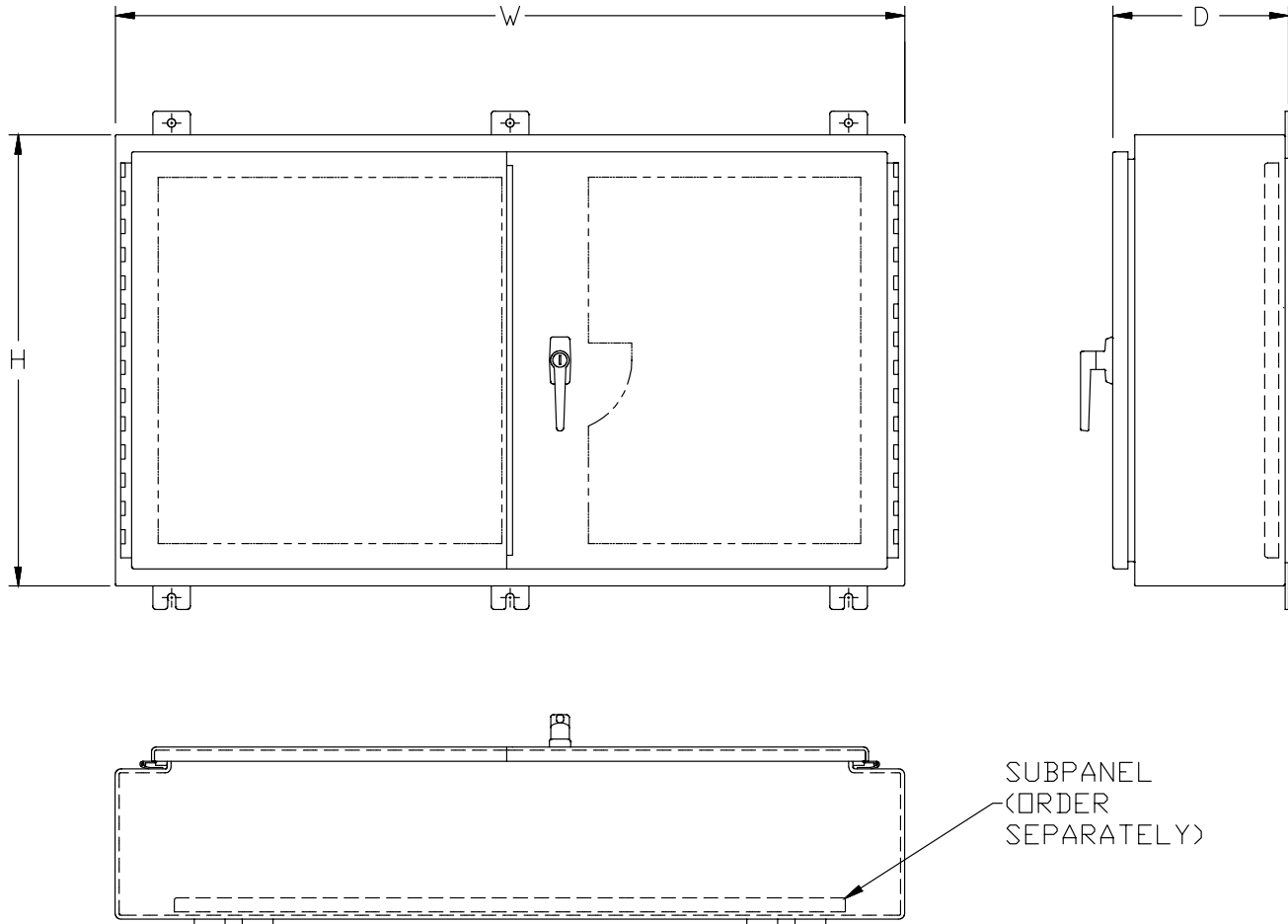
Note: Do NOT use NPxxxxC subpanels in NEMA 1, NEMA 4 and 4X, and NEMA 12 enclosures. For example: Subpanel NP1612C will not fit enclosure WA161206FM (NP1612 is the correct subpanel). Only use NPxxx subpanels in NEMA 1, NEMA 4 and 4X, and NEMA 12 enclosures.

| NEMA 12 Two-Door Wall-Mount                                                                                                                            |            |                                           |                        |                          |                          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-------------------------------------------|------------------------|--------------------------|--------------------------|
| Part Number                                                                                                                                            | Price      | Enclosure SizeHxWxD                       | Stiffener              | Painted Steel Subpanel   | Stainless Steel Subpanel |
| <a href="#">WA244208WF</a>                                                                                                                             | \$963.00   | 24.00 x 42.00 x 9.04 [610 x 1067 x 230]   | door: no<br>body: no   | <a href="#">NP4224</a>   | —                        |
| <a href="#">WA244808WF</a>                                                                                                                             | \$1,044.00 | 24.00 x 48.00 x 9.04 [610 x 1219 x 230]   | door: no<br>body: no   | <a href="#">NP4824</a>   | —                        |
| <a href="#">WA304210WF</a>                                                                                                                             | \$1,148.00 | 30.00 x 42.00 x 11.04 [762 x 1067 x 280]  | door: no<br>body: yes  | <a href="#">NP4230</a>   | <a href="#">NP4230SS</a> |
| <a href="#">WA304810WF</a>                                                                                                                             | \$1,248.00 | 30.00 x 48.00 x 11.04 [762 x 1219 x 280]  | door: no<br>body: yes  | <a href="#">NP4830</a>   | —                        |
| <a href="#">WA306010WF</a>                                                                                                                             | \$1,492.00 | 30.00 x 60.00 x 11.04 [762 x 1524 x 280]  | door: no<br>body: yes  | <a href="#">NP6030</a>   | —                        |
| <a href="#">WA364212WF</a>                                                                                                                             | \$1,382.00 | 36.00 x 42.00 x 13.04 [914 x 1067 x 331]  | door: no<br>body: yes  | <a href="#">NP4236</a>   | <a href="#">NP4236SS</a> |
| <a href="#">WA364812WF</a>                                                                                                                             | \$1,464.00 | 36.00 x 48.00 x 13.04 [914 x 1219 x 331]  | door: no<br>body: yes  | <a href="#">NP4836</a>   | <a href="#">NP4836SS</a> |
| <a href="#">WA366012WF</a>                                                                                                                             | \$1,706.00 | 36.00 x 60.00 x 13.04 [914 x 1524 x 331]  | door: no<br>body: yes  | <a href="#">NP6036</a>   | <a href="#">NP6036SS</a> |
| <a href="#">WA424212WF</a>                                                                                                                             | \$1,523.00 | 42.00 x 42.00 x 13.04 [1067 x 1067 x 331] | door: no<br>body: yes  | <a href="#">NPDD4242</a> | —                        |
| <a href="#">WA424812WF</a>                                                                                                                             | \$1,663.00 | 42.00 x 48.00 x 13.04 [1067 x 1219 x 331] | door: no<br>body: yes  | <a href="#">NPDD4842</a> | —                        |
| <a href="#">WA426012WF</a>                                                                                                                             | \$1,887.00 | 42.00 x 60.00 x 13.04 [1067 x 1524 x 331] | door: yes<br>body: yes | —                        | —                        |
| <a href="#">WA484812WF</a>                                                                                                                             | \$1,767.00 | 48.00 x 48.00 x 13.03 [1219 x 1219 x 331] | door: no<br>body: yes  | <a href="#">NPDD4848</a> | —                        |
| Notes: Subpanels must be ordered separately.<br>Dimensions in inches [millimeters].<br>Letters in table correspond to letters on dimensional drawings. |            |                                           |                        |                          |                          |

# NEMA 12 Two-Door Wall-Mount



## Dimensions



# Enclosure Subpanels



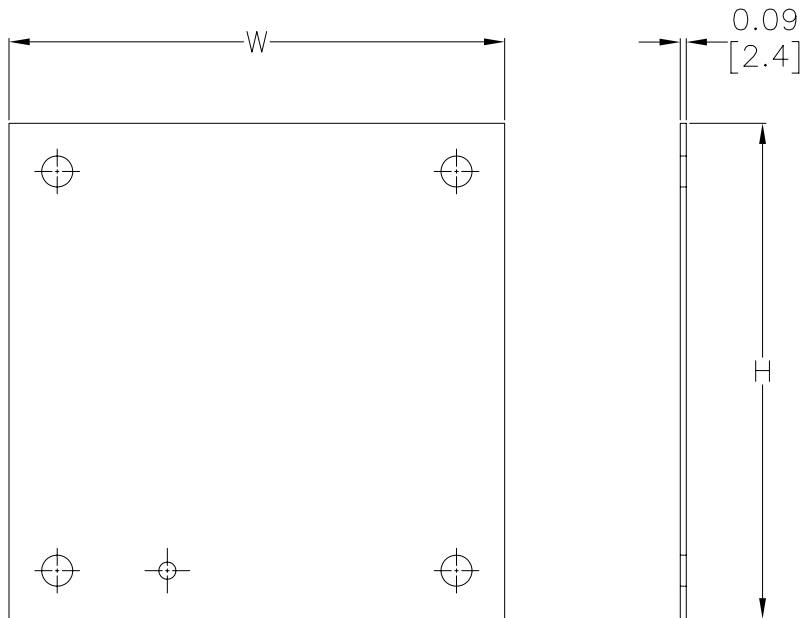
## Subpanels for NEMA 1, 12, 4 and 4X Wall-Mount Enclosures and WC9 NEMA 12 Operator Consoles

- 12-gauge steel (perforated subpanels are 14-gauge)
- Subpanels with any side over 17 in [432 mm] have 0.25 in [6mm] flange on all sides
- Painted steel and perforated subpanels white polyester powder over phosphatized surfaces
- Galvanized subpanels have a conductive finish (no paint) Panels listed fit the following enclosures:
- NEMA 1 large (N1C, 42 in [1067 mm] width and wider)
- NEMA 12 single door wall-mount (N12)
- NEMA 12 two-door wall-mount (WA\_WF)
- NEMA 12 single door flush wall-mount (WA\_FM)
- NEMA 4 (N4) and 4X (SSN) single door wall-mount
- NEMA 12 operator consoles (WC9)
- NEMA 12 Wall Disconnect (SDN12\_PL and ABN12)
- NEMA 4 and 4X Wall-Mount Disconnect (SSN4 and SSN4X)



Note: Use NPxxxx subpanels in NEMA 1, NEMA 4 and 4X, and NEMA 12 enclosures only. Do NOT use NPxxxx subpanels in N412 Ultimate Series enclosures with a C in the suffix.

## Dimensions



NOTE:  
SUBPANELS LARGER THAN  
20 X 20 HAVE (2) 0.31"  
GROUND HOLES.

Note: Perforated panels have 0.13in [3 mm] diameter holes at 0.25 in [6 mm] spacing.

# Enclosure Subpanels



## Subpanels for NEMA 1, 12, 4 and 4X Wall-Mount Enclosures and WC9 NEMA 12 Operator Consoles

| <i>Painted Steel</i>          | <i>Price</i> | <i>Galvanized</i>              | <i>Price</i> | <i>304 Stainless Steel</i>      | <i>Price</i> | <i>Nominal Enclosure Size HxW</i> | <i>Subpanel Size AxB</i>   |
|-------------------------------|--------------|--------------------------------|--------------|---------------------------------|--------------|-----------------------------------|----------------------------|
| <a href="#"><u>NP1212</u></a> | \$18.50      | —                              | —            | —                               | —            | 12 x 12                           | 9.00 x 9.00 [229 x 229]    |
| <a href="#"><u>NP1224</u></a> | \$45.50      | —                              | —            | —                               | —            | 24 x 12                           | 9.00 x 21.00 [229 x 533]   |
| <a href="#"><u>NP1612</u></a> | \$33.00      | —                              | —            | <a href="#"><u>NP1612SS</u></a> | \$87.00      | 12 x 16<br>16 x 12                | 13.00 x 9.00 [330 x 229]   |
| <a href="#"><u>NP1616</u></a> | \$40.50      | —                              | —            | <a href="#"><u>NP1616SS</u></a> | \$106.00     | 16 x 16                           | 13.00 x 13.00 [330 x 330]  |
| <a href="#"><u>NP2012</u></a> | \$38.00      | —                              | —            | —                               | —            | 20 x 12                           | 17.00 x 9.00 [432 x 229]   |
| <a href="#"><u>NP2016</u></a> | \$48.00      | —                              | —            | <a href="#"><u>NP2016SS</u></a> | \$128.00     | 20 x 16                           | 17.00 x 13.00 [432 x 330]  |
| <a href="#"><u>NP2020</u></a> | \$58.00      | —                              | —            | <a href="#"><u>NP2020SS</u></a> | \$165.00     | 20 x 20                           | 17.00 x 17.00 [432 x 432]  |
| <a href="#"><u>NP2416</u></a> | \$56.00      | —                              | —            | <a href="#"><u>NP2416SS</u></a> | \$159.00     | 24 x 16                           | 21.00 x 13.00 [533 x 330]  |
| <a href="#"><u>NP2420</u></a> | \$75.00      | —                              | —            | <a href="#"><u>NP2420SS</u></a> | \$200.00     | 24 x 20                           | 21.00 x 17.00 [533 x 432]  |
| <a href="#"><u>NP2424</u></a> | \$86.00      | —                              | —            | <a href="#"><u>NP2424SS</u></a> | \$233.00     | 24 x 24                           | 21.00 x 21.00 [533 x 533]  |
| <a href="#"><u>NP3016</u></a> | \$75.00      | —                              | —            | —                               | —            | 30 x 16                           | 27.00 x 13.00 [686 x 330]  |
| <a href="#"><u>NP3020</u></a> | \$90.00      | —                              | —            | <a href="#"><u>NP3020SS</u></a> | \$268.00     | 30 x 20                           | 27.00 x 17.00 [686 x 432]  |
| <a href="#"><u>NP3024</u></a> | \$105.00     | —                              | —            | <a href="#"><u>NP3024SS</u></a> | \$283.00     | 24 x 30<br>30 x 24                | 27.00 x 21.00 [686 x 533]  |
| <a href="#"><u>NP3030</u></a> | \$147.00     | —                              | —            | <a href="#"><u>NP3030SS</u></a> | \$452.00     | 30 x 30                           | 27.00 x 27.00 [686 x 686]  |
| <a href="#"><u>NP3624</u></a> | \$125.00     | —                              | —            | <a href="#"><u>NP3624SS</u></a> | \$386.00     | 36 x 24                           | 33.00 x 21.00 [838 x 533]  |
| <a href="#"><u>NP3630</u></a> | \$167.00     | —                              | —            | <a href="#"><u>NP3630SS</u></a> | \$443.00     | 30 x 36<br>36 x 30                | 33.00 x 27.00 [838 x 686]  |
| <a href="#"><u>NP3636</u></a> | \$196.00     | —                              | —            | <a href="#"><u>NP3636SS</u></a> | \$535.00     | 36 x 36                           | 33.00 x 33.00 [838 x 838]  |
| <a href="#"><u>NP4024</u></a> | \$151.00     | —                              | —            | —                               | —            | 40 x 24                           | 37.00 x 21.00 [940 x 533]  |
| <a href="#"><u>NP4224</u></a> | \$144.00     | —                              | —            | —                               | —            | 42 x 24                           | 39.00 x 21.00 [991 x 533]  |
| <a href="#"><u>NP4230</u></a> | \$191.00     | —                              | —            | <a href="#"><u>NP4230SS</u></a> | \$563.00     | 42 x 30                           | 39.00 x 27.00 [991 x 686]  |
| <a href="#"><u>NP4236</u></a> | \$225.00     | —                              | —            | <a href="#"><u>NP4236SS</u></a> | \$676.00     | 42 x 36                           | 39.00 x 33.00 [991 x 838]  |
| <a href="#"><u>NP4824</u></a> | \$163.00     | —                              | —            | —                               | —            | 48 x 24                           | 45.00 x 21.00 [1143 x 533] |
| <a href="#"><u>NP4830</u></a> | \$215.00     | —                              | —            | —                               | —            | 48 x 30                           | 45.00 x 27.00 [1143 x 686] |
| <a href="#"><u>NP4836</u></a> | \$254.00     | —                              | —            | <a href="#"><u>NP4836SS</u></a> | \$731.00     | 48 x 36                           | 45.00 x 33.00 [1143 x 838] |
| <a href="#"><u>NP6030</u></a> | \$263.00     | —                              | —            | —                               | —            | 60 x 30                           | 57.00 x 27.00 [1448 x 686] |
| <a href="#"><u>NP6036</u></a> | \$313.00     | —                              | —            | <a href="#"><u>NP6036SS</u></a> | \$965.00     | 60 x 36                           | 57.00 x 33.00 [1448 x 838] |
| <a href="#"><u>NP7230</u></a> | \$302.00     | <a href="#"><u>NP7230G</u></a> | \$327.00     | —                               | —            | 72 x 30                           | 69.00 x 27.00 [1753 x 686] |
| <a href="#"><u>NP7236</u></a> | \$371.00     | <a href="#"><u>NP7236G</u></a> | \$402.00     | —                               | —            | 72 x 36                           | 69.00 x 33.00 [1753 x 838] |

Notes: Dimensions in inches [millimeters].

Letters in table correspond to letters on dimensional drawing.

Disconnect enclosures will be up to 2 in [51 mm] wider than width dimensions in this table.

# Enclosure Subpanels



## Subpanels for Two-Door Floor-Mount Enclosures

- Subpanels are fabricated from 10-gauge carbon steel
- Painted steel subpanels are painted white polyester powder over phosphatized surfaces
- Galvanized subpanels have a conductive finish (no paint)
- Subpanels are used in NEMA 12 double-door floor-mount enclosures and some double-door wall-mount enclosures



| Subpanels for Two-door Floor-Mount Enclosures |          |                                |                             |
|-----------------------------------------------|----------|--------------------------------|-----------------------------|
| Painted Steel                                 | Price    | Nominal Enclosure Size<br>HxW* | Subpanel Size AxB           |
| <a href="#"><u>NPDD4242</u></a>               | \$260.00 | 42 x 42                        | 39.00 x 39.00 [991 x 991]   |
| <a href="#"><u>NPDD4842</u></a>               | \$294.00 | 48 x 42                        | 45.00 x 39.00 [1143 x 991]  |
| <a href="#"><u>NPDD4848</u></a>               | \$352.00 | 48 x 48                        | 44.00 x 44.00 [1118 x 1118] |
| <a href="#"><u>NPDD5442</u></a>               | \$314.00 | 54 x 42                        | 50.00 x 38.00 [1270 x 965]  |
| <a href="#"><u>NPDD6048</u></a>               | \$427.00 | 60 x 48                        | 44.00 x 56.00 [1118 x 1422] |
| <a href="#"><u>NPDD6060</u></a>               | \$527.00 | 60 x 60                        | 56.00 x 56.00 [1422 x 1422] |
| <a href="#"><u>NPDD7260</u></a>               | \$628.00 | 72 x 60                        | 56.00 x 68.00 [1422 x 1727] |
| <a href="#"><u>NPDD7272</u></a>               | \$750.00 | 72 x 72                        | 68.00 x 68.00 [1727 x 1727] |

Notes: Dimensions in inches [millimeters].  
 Letters in table correspond to letters on dimensional drawing.  
 \*Some floor-mount enclosures may be up to 2 in [51 mm] taller than height listed in this table.  
 Disconnect enclosures will be up to 2 in [51 mm] wider than width dimensions listed in this table.

## Dimensions

