

# Ultimate Series NEMA 4, 12, and 13 Single-Door Wall-Mount with 1-Point Handle



## Applications

Designed to house and protect electrical and electronic components from harsh, dirty environments. For use in installations where dust, dirt, oil, water or other contaminants are present. Streamlined styling, 1-point latching with heavy-duty handle, and an attractive, durable finish complement any high-tech electronic equipment.



## Construction

- Bodies and doors fabricated from 14-gauge steel
- Plasma welded seams
- Polyurethane poured-in-place gasket
- Collar studs provided for mounting optional subpanels
- Grounding provisions provided
- Concealed hinges
- Increased tub openings to accommodate larger size (optional) subpanels
- Optional subpanels must be ordered separately
- Swing-out panel kits WAJCDKF and WANADFK will not work with these enclosures
- Doors are interchangeable and easily removable (open to 90° to remove door)
- 1-point keylocking/padlocking combo door handle
- Mounting holes in rear of enclosure
- Uses WAL4 series handles and WAEMKA4 replacement key

## Finish

- ANSI 61 gray light-textured [N41212xxxxC] inside and outside over phosphatized surfaces
- Painted steel subpanels are white polyester powder over phosphatized surfaces
- Galvanized and stainless subpanels are a conductive finish (unpainted)

## Listings

- UL 508, 4, 12, and 13 [UL file E64791]
- Meets NEMA/EEMAC 4, 12, and 13 requirements
- Wall mounting brackets required to maintain UL/CSA external mounting requirements



Note: For current listings, please see [www.automationdirect.com](http://www.automationdirect.com)

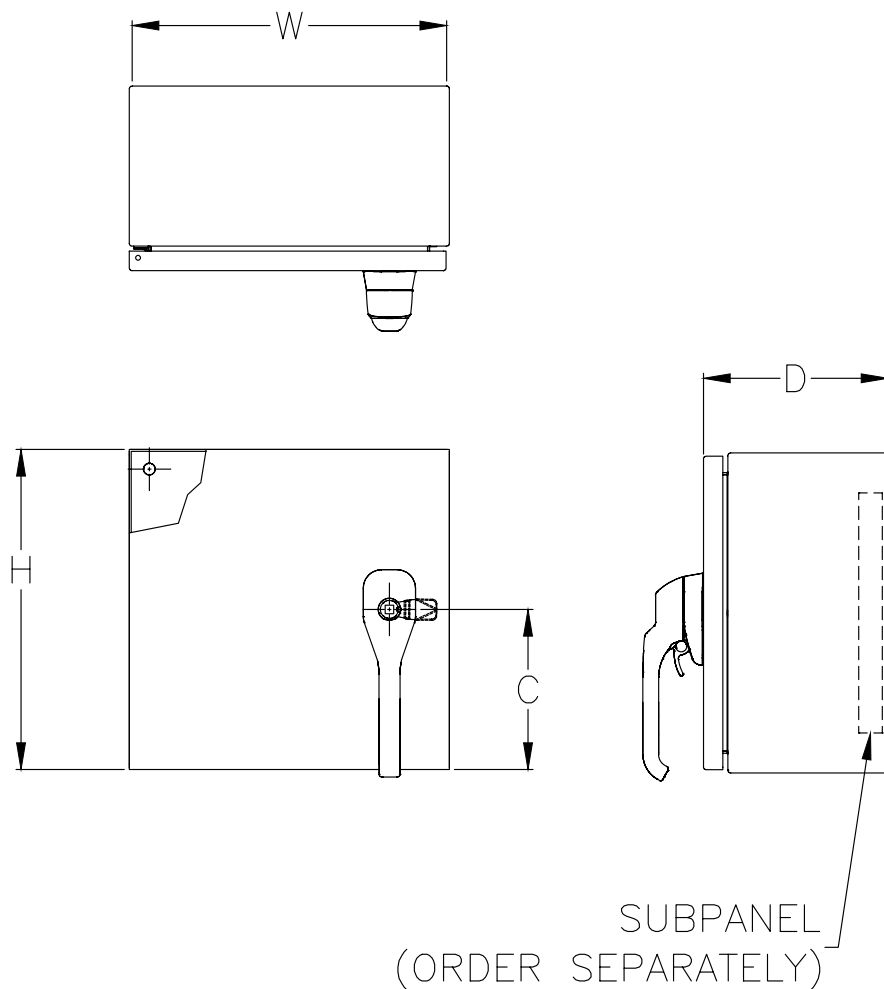
| Ultimate Series NEMA 4, 12, and 13 Single-Door Wall-Mount with 1-Point Handle |          |                                         |          |                         |                           |                             |
|-------------------------------------------------------------------------------|----------|-----------------------------------------|----------|-------------------------|---------------------------|-----------------------------|
| ANSI 61 Gray Light-Textured                                                   | Price    | Enclosure Size HxWxD                    | C        | Painted Steel Subpanel  | Stainless Steel Subpanel  | Swing-Out Panel             |
| <a href="#">N4121212061PTC</a>                                                | \$366.00 | 12.00 x 12.00 x 6.92 [305 x 305 x 176]  | 6 [152]  | <a href="#">NP1212C</a> | —                         | <a href="#">HFWNSP1212C</a> |
| <a href="#">N4121612061PTC</a>                                                | \$384.00 | 16.00 x 12.00 x 6.92 [406 x 305 x 176]  | 8 [203]  | <a href="#">NP1612C</a> | <a href="#">NP1612SSC</a> | <a href="#">HFWNSP1612C</a> |
| <a href="#">N4121612081PTC</a>                                                | \$401.00 | 16.00 x 12.00 x 8.92 [406 x 305 x 227]  | 8 [203]  | <a href="#">NP1612C</a> | <a href="#">NP1612SSC</a> | <a href="#">HFWNSP1612C</a> |
| <a href="#">N4121616061PTC</a>                                                | \$407.00 | 16.00 x 16.00 x 6.92 [406 x 406 x 176]  | 8 [203]  | <a href="#">NP1616C</a> | <a href="#">NP1616SSC</a> | <a href="#">HFWNSP1616C</a> |
| <a href="#">N4121616081PTC</a>                                                | \$423.00 | 16.00 x 16.00 x 8.92 [406 x 406 x 227]  | 8 [203]  | <a href="#">NP1616C</a> | <a href="#">NP1616SSC</a> | <a href="#">HFWNSP1616C</a> |
| <a href="#">N4121620061PTC</a>                                                | \$431.00 | 16.00 x 20.00 x 6.92 [406 x 508 x 176]  | 8 [203]  | <a href="#">NP2016C</a> | <a href="#">NP2016SSC</a> | <a href="#">HFWNSP1620C</a> |
| <a href="#">N4121620081PTC</a>                                                | \$448.00 | 16.00 x 20.00 x 8.92 [406 x 508 x 227]  | 8 [203]  | <a href="#">NP2016C</a> | <a href="#">NP2016SSC</a> | <a href="#">HFWNSP1620C</a> |
| <a href="#">N4122016061PTC</a>                                                | \$432.00 | 20.00 x 16.00 x 6.92 [508 x 406 x 176]  | 10 [254] | <a href="#">NP2016C</a> | <a href="#">NP2016SSC</a> | <a href="#">HFWNSP2016C</a> |
| <a href="#">N4122016081PTC</a>                                                | \$447.00 | 20.00 x 16.00 x 8.92 [508 x 406 x 227]  | 10 [254] | <a href="#">NP2016C</a> | <a href="#">NP2016SSC</a> | <a href="#">HFWNSP2016C</a> |
| <a href="#">N4122020061PTC</a>                                                | \$456.00 | 20.00 x 20.00 x 6.92 [508 x 508 x 176]  | 10 [254] | <a href="#">NP2020C</a> | <a href="#">NP2020SSC</a> | <a href="#">HFWNSP2020C</a> |
| <a href="#">N4122020081PTC</a>                                                | \$476.00 | 20.00 x 20.00 x 8.92 [508 x 508 x 227]  | 10 [254] | <a href="#">NP2020C</a> | <a href="#">NP2020SSC</a> | <a href="#">HFWNSP2020C</a> |
| <a href="#">N4122020121PTC</a>                                                | \$517.00 | 20.00 x 20.00 x 12.92 [508 x 508 x 328] | 10 [254] | <a href="#">NP2020C</a> | <a href="#">NP2020SSC</a> | <a href="#">HFWNSP2020C</a> |
| <a href="#">N4122024081PTC</a>                                                | \$508.00 | 20.00 x 24.00 x 8.92 [508 x 610 x 227]  | 10 [254] | <a href="#">NP2420C</a> | <a href="#">NP2420SSC</a> | <a href="#">HFWNSP2024C</a> |

Notes: Subpanels must be ordered separately.  
Dimensions in inches [millimeters].  
Letters in table correspond to letters on dimensional drawings.

# Ultimate Series NEMA 4, 12, and 13 Single-Door Wall-Mount with 1-Point Handle



## Dimensions



Notes: Two hinges are provided when  $H < 36$  in [914 mm].  
Three hinges are provided when  $H = 36$  in [914 mm] or greater.  
Four hinges are provided when  $H = 48$  in [1219 mm] or greater.

# Enclosure Subpanels



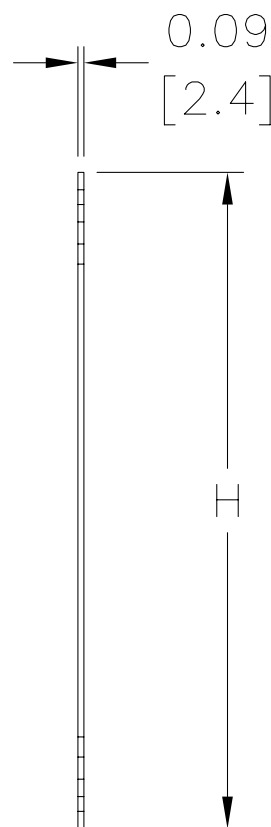
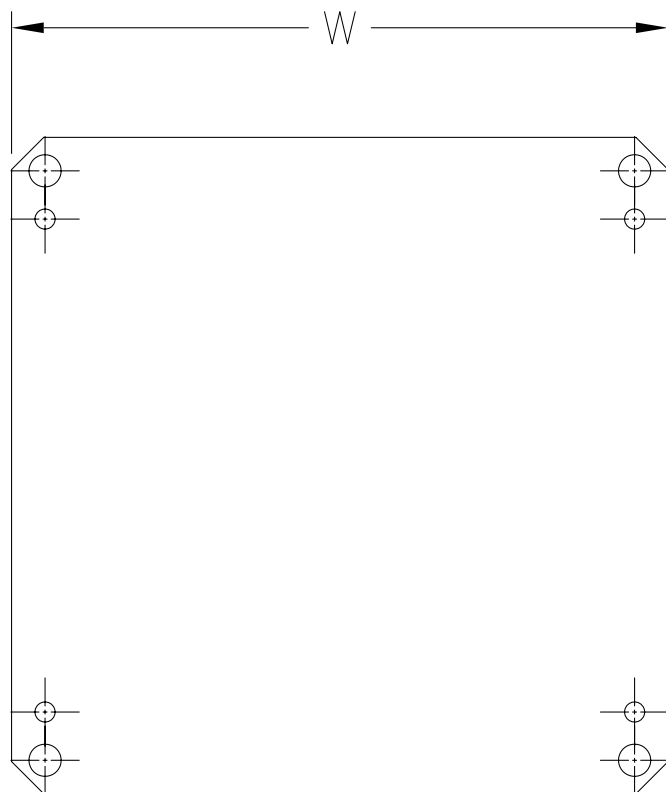
## Subpanels for Ultimate Series Wall-Mount Enclosures

- 12-gauge steel
- Subpanels with dimensions 30 x 30 in [ 762 x 762 mm] and larger are flanged on all sides. Smaller subpanels are flanged on two sides
- Painted steel subpanels are white polyester powder over phosphatized surfaces
- Galvanized subpanels have a conductive finish (no paint)
- Panels listed fit all styles of N412 Ultimate Series wall-mount enclosures, including slope top and disconnect enclosures

Note: NPxxxxC subpanels will not fit in older NEMA 4/12 enclosures (purchased prior to 3-23-05) that do not have a C suffix. For example: Subpanel NP1212C will not fit enclosures N412121206 or N412121206SS.



## Dimensions



# Enclosure Subpanels

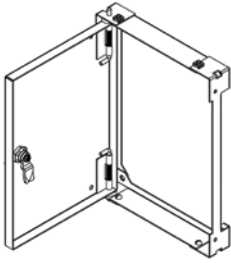


## Subpanels for Ultimate Series Wall-Mount Enclosures

| Subpanels for Ultimate Series Wall-Mount Enclosures |          |                                  |          |                             |                             |
|-----------------------------------------------------|----------|----------------------------------|----------|-----------------------------|-----------------------------|
| Painted Steel                                       | Price    | 304 Stainless Steel              | Price    | Nominal Enclosure Size HxW* | Subpanel Size HxW           |
| <a href="#"><u>NP1212C</u></a>                      | \$15.50  | —                                | —        | 12 x 12                     | 10.20 x 10.20 [259 x 259]   |
| <a href="#"><u>NP1612C</u></a>                      | \$16.75  | <a href="#"><u>NP1612SSC</u></a> | \$87.00  | 16 x 12                     | 14.20 x 10.20 [361 x 259]   |
| <a href="#"><u>NP1616C</u></a>                      | \$40.50  | <a href="#"><u>NP1616SSC</u></a> | \$106.00 | 16 x 16                     | 14.20 x 14.20 [361 x 361]   |
| <a href="#"><u>NP2016C</u></a>                      | \$48.00  | <a href="#"><u>NP2016SSC</u></a> | \$128.00 | 16 x 20<br>20 x 16          | 18.20 x 14.20 [462 x 361]   |
| <a href="#"><u>NP2020C</u></a>                      | \$58.00  | <a href="#"><u>NP2020SSC</u></a> | \$165.00 | 20 x 20                     | 18.20 x 18.20 [462 x 462]   |
| <a href="#"><u>NP2416C</u></a>                      | \$56.00  | <a href="#"><u>NP2416SSC</u></a> | \$159.00 | 24 x 16                     | 22.20 x 14.20 [564 x 361]   |
| <a href="#"><u>NP2420C</u></a>                      | \$56.00  | <a href="#"><u>NP2420SSC</u></a> | \$200.00 | 24 x 20                     | 22.20 x 18.20 [564 x 462]   |
| <a href="#"><u>NP2424C</u></a>                      | \$86.00  | <a href="#"><u>NP2424SSC</u></a> | \$233.00 | 24 x 24                     | 22.20 x 22.20 [564 x 564]   |
| <a href="#"><u>NP3020C</u></a>                      | \$90.00  | —                                | —        | 30 x 20                     | 28.20 x 18.20 [716 x 462]   |
| <a href="#"><u>NP3024C</u></a>                      | \$105.00 | <a href="#"><u>NP3024SSC</u></a> | \$306.00 | 30 x 24                     | 28.20 x 22.20 [716 x 564]   |
| <a href="#"><u>NP3030C</u></a>                      | \$147.00 | <a href="#"><u>NP3030SSC</u></a> | \$418.00 | 30 x 30                     | 28.20 x 28.20 [716 x 716]   |
| <a href="#"><u>NP3624C</u></a>                      | \$125.00 | <a href="#"><u>NP3624SSC</u></a> | \$357.00 | 24 x 36<br>36 x 24          | 34.20 x 22.20 [869 x 564]   |
| <a href="#"><u>NP3630C</u></a>                      | \$167.00 | <a href="#"><u>NP3630SSC</u></a> | \$443.00 | 36 x 30                     | 34.20 x 28.20 [869 x 716]   |
| <a href="#"><u>NP3636C</u></a>                      | \$196.00 | <a href="#"><u>NP3636SSC</u></a> | \$535.00 | 36 x 36                     | 34.20 x 34.20 [869 x 869]   |
| <a href="#"><u>NP4224C</u></a>                      | \$244.00 | —                                | —        | 24 x 42                     | 40.20 x 22.20 [1021 x 564]  |
| <a href="#"><u>NP4024C</u></a>                      | \$151.00 | —                                | —        | 40 x 24                     | 38.20 x 22.20 [970 x 564]   |
| <a href="#"><u>NP4242C</u></a>                      | \$418.00 | —                                | —        | 42 x 42                     | 40.20 x 40.20 [1021 x 1021] |
| <a href="#"><u>NP4230C</u></a>                      | \$225.00 | —                                | —        | 30 x 42<br>42 x 32          | 40.20 x 28.20 [1021 x 716]  |
| <a href="#"><u>NP4236C</u></a>                      | \$225.00 | <a href="#"><u>NP4236SSC</u></a> | \$676.00 | 36 x 42<br>42 x 36          | 40.20 x 34.20 [1021 x 869]  |
| <a href="#"><u>NP4824C</u></a>                      | \$163.00 | —                                | —        | 24 x 48<br>48 x 24          | 46.20 x 22.20 [1173 x 564]  |
| <a href="#"><u>NP4830C</u></a>                      | \$336.00 | —                                | —        | 30 x 48                     | 46.20 x 28.20 [1173 x 716]  |
| <a href="#"><u>NP4842C</u></a>                      | \$562.00 | —                                | —        | 42 x 48                     | 46.20 x 40.20 [1173 x 1021] |
| <a href="#"><u>NP4836C</u></a>                      | \$254.00 | <a href="#"><u>NP4836SSC</u></a> | \$676.00 | 36 x 48<br>48 x 36          | 46.20 x 34.20 [1173 x 869]  |
| <a href="#"><u>NP4848C</u></a>                      | \$625.00 | —                                | —        | 48 x 48                     | 46.20 x 46.20 [1173 x 1173] |
| <a href="#"><u>NP6030C</u></a>                      | \$446.00 | —                                | —        | 30 x 60                     | 58.20 x 28.20 [1478 x 716]  |
| <a href="#"><u>NP6036C</u></a>                      | \$313.00 | <a href="#"><u>NP6036SSC</u></a> | \$965.00 | 36 x 30<br>60 x 36          | 58.20 x 34.20 [1478 x 869]  |
| <a href="#"><u>NP6042C</u></a>                      | \$627.00 | —                                | —        | 42 x 60                     | 58.20 x 40.20 [1478 x 1021] |

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.

# Swing-Out Panels for Ultimate Series Enclosures



## For N412 Ultimate Series Wall-Mount Enclosures except N412-1PTC, -3PTC, -SS1PTC, -SS3PTC, -SSA1PTC, and -SSA3PTC

- Maximum swing 107°
- Convenient access to sub enclosure is provided via 1/4 turn pull-tab
- On solid doors, the clearance from the swing panel face to the interior door face is 1.25in [31.8mm] on window doors (when the door is closed)
- The kit includes the swing panel, brackets and hardware necessary for a tub flange install. Swing out panels meet 1 with enclosure door open
- Painted steel subpanels are painted white polyester powder over phosphated surfaces
- Fabricated from 14-gauge steel
- Mounting hardware is furnished with each panel

Note: HFWNSPxxxxC swing-out panels will not fit in older NEMA 4/12 enclosures (purchased prior to 3-23-05) that do not have a C suffix. For example: Swing-out panel HFWNSP1212C will not fit enclosures N41212126 or N412121206SS.

| Swing-Out Panels for Ultimate Series Enclosures |          |                           |                           |                        |
|-------------------------------------------------|----------|---------------------------|---------------------------|------------------------|
| Part Number                                     | Price    | Panel Size CxE            | Overall Dimensions HxW    | Enclosure Nominal Size |
| <a href="#">HFWNSP1212C</a>                     | \$128.00 | 9.75 x 9.75 [248 x 248]   | 10.50 x 10.62 [267 x 270] | 12 x 12                |
| <a href="#">HFWNSP1612C</a>                     | \$133.00 | 13.75 x 9.75 [349 x 248]  | 14.50 x 10.62 [368 x 270] | 16 x 12                |
| <a href="#">HFWNSP1616C</a>                     | \$140.00 | 13.75 x 13.75 [349 x 349] | 14.50 x 14.62 [368 x 37]  | 16 x 16                |
| <a href="#">HFWNSP1620C</a>                     | \$160.00 | 13.75 x 17.75 [349 x 451] | 14.50 x 18.62 [368 x 473] | 16 x 20                |
| <a href="#">HFWNSP2016C</a>                     | \$147.00 | 17.75 x 13.75 [451 x 349] | 18.50 x 14.62 [470 x 371] | 20 x 16                |
| <a href="#">HFWNSP2020C</a>                     | \$156.00 | 17.75 x 17.75 [451 x 451] | 18.50 x 18.62 [470 x 473] | 20 x 20                |
| <a href="#">HFWNSP2024C</a>                     | \$179.00 | 17.75 x 21.75 [451 x 552] | 18.50 x 22.62 [470 x 575] | 20 x 24                |
| <a href="#">HFWNSP2416C</a>                     | \$167.00 | 21.75 x 13.75 [552 x 349] | 22.50 x 14.62 [572 x 371] | 24 x 16                |
| <a href="#">HFWNSP2420C</a>                     | \$165.00 | 21.75 x 17.75 [552 x 451] | 22.50 x 18.62 [572 x 473] | 24 x 20                |
| <a href="#">HFWNSP2424C</a>                     | \$176.00 | 21.75 x 21.75 [552 x 552] | 22.50 x 22.62 [572 x 575] | 24 x 24                |
| <a href="#">HFWNSP3020C</a>                     | \$194.00 | 27.75 x 17.75 [705 x 451] | 28.50 x 18.62 [724 x 473] | 30 x 20                |
| <a href="#">HFWNSP3024C</a>                     | \$192.00 | 27.75 x 21.75 [705 x 552] | 28.50 x 22.62 [724 x 575] | 30 x 24                |
| <a href="#">HFWNSP3030C</a>                     | \$212.00 | 27.75 x 27.75 [705 x 705] | 28.50 x 28.62 [724 x 727] | 30 x 30                |
| <a href="#">HFWNSP3624C</a>                     | \$208.00 | 33.75 x 21.75 [857 x 552] | 34.50 x 22.62 [876 x 575] | 36 x 24                |
| <a href="#">HFWNSP3630C</a>                     | \$232.00 | 33.75 x 27.75 [857 x 705] | 34.50 x 28.62 [876 x 727] | 36 x 30                |
| <a href="#">HFWNSP3636C</a>                     | \$256.00 | 33.75 x 33.75 [857 x 857] | 34.50 x 34.62 [876 x 879] | 36 x 36                |

Notes: Dimensions in inches [millimeters].  
Letters in table correspond to letters on dimensional drawings.  
If used in a two-door enclosure, a center panel support must be ordered.

## Dimensions

