

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



## Application

The Wiegmann N412-SS stainless steel series, with its streamlined design, is a perfect fit for mounting electrical or high-tech electronic equipment in a variety of indoor and outdoor settings. It is typically used in the following areas where corrosion-resistant protection is needed: food processing plants, pharmaceutical manufacturing facilities, petrochemical plants, pulp and paper processing, and waste water treatment facilities.



## Construction

- Bodies and doors fabricated from 14-gauge type 304 or 316L stainless steel
- Print pocket is provided
- Doors are sealed with poured-in-place polyurethane gasket
- Concealed hinges
- Increased tub openings to accommodate larger size (optional) subpanels
- Collar studs for mounting optional subpanels
- Grounding provisions provided
- Optional subpanels must be ordered separately
- Swing-out panel kits WAJCDFK and WANADFK will not work with these enclosures
- Doors are interchangeable and easily removable (open to 90° to remove door)
- 1-point 316L stainless steel padlocking handle
- Mounting holes in rear of enclosure
- N412MFKSS mounting foot kit required to maintain NEMA 4X, 12, and 13 ratings
  - Mounting foot kit must be ordered separately
- Uses WAL3\_SS series handles

## Finish

- All exterior surfaces have a smooth-grained finish
- Painted steel subpanels are painted white polyester powder over phosphatized surfaces
- Galvanized and stainless subpanels are a conductive finish (unpainted)

## Listings

- UL 508, 4X, 12, and 13 [UL file E64791]
- Meets NEMA/EEMAC 4X, 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 4X, 12, and 13 Stainless Steel Single Door Wall-Mount with 1-Point Handle |            |                                   |            |                                            |          |                         |                           |                             |
|------------------------------------------------------------------------------------------------|------------|-----------------------------------|------------|--------------------------------------------|----------|-------------------------|---------------------------|-----------------------------|
| 304 Stainless Steel                                                                            | Price      | 316L StainlessSteel               | Price      | Enclosure Size HxWxD                       | C        | Painted Steel Subpanel  | Stainless Steel Subpanel  | Swing-Out Panel             |
| <a href="#">N412121206SS1PTC</a>                                                               | \$865.00   |                                   |            | 12.00 x 12.00 x 6.92<br>[305 x 305 x 176]  | 6 [152]  | <a href="#">NP1212C</a> | —                         | <a href="#">HFWNSP1212C</a> |
| <a href="#">N412161206SS1PTC</a>                                                               | \$931.00   | <a href="#">N412161206SSA1PTC</a> | \$1,192.00 | 16.00 x 12.00 x 6.92<br>[406 x 305 x 176]  | 6 [152]  | <a href="#">NP1612C</a> | <a href="#">NP1612SSC</a> | <a href="#">HFWNSP1612C</a> |
| <a href="#">N412161208SS1PTC</a>                                                               | \$971.00   |                                   |            | 16.00 x 12.00 x 8.92<br>[406 x 305 x 227]  | 8 [203]  | <a href="#">NP1612C</a> | <a href="#">NP1612SSC</a> | <a href="#">HFWNSP1612C</a> |
| <a href="#">N412161606SS1PTC</a>                                                               | \$1,011.00 | <a href="#">N412161606SSA1PTC</a> | \$1,599.00 | 16.00 x 16.00 x 6.92<br>[406 x 406 x 176]  | 8 [203]  | <a href="#">NP1616C</a> | <a href="#">NP1616SSC</a> | <a href="#">HFWNSP1616C</a> |
| <a href="#">N412161608SS1PTC</a>                                                               | \$1,080.00 |                                   |            | 16.00 x 16.00 x 8.92<br>[406 x 406 x 227]  | 8 [203]  | <a href="#">NP1616C</a> | <a href="#">NP1616SSC</a> | <a href="#">HFWNSP1616C</a> |
| <a href="#">N412162008SS1PTC</a>                                                               | \$1,196.00 | <a href="#">N412162008SSA1PTC</a> | \$1,591.00 | 16.00 x 20.00 x 8.92<br>[406 x 508 x 227]  | 8 [203]  | <a href="#">NP2016C</a> | <a href="#">NP2016SSC</a> | <a href="#">HFWNSP1620C</a> |
| <a href="#">N412201606SS1PTC</a>                                                               | \$1,185.00 |                                   |            | 20.00 x 16.00 x 6.92<br>[508 x 406 x 176]  | 10 [254] | <a href="#">NP2016C</a> | <a href="#">NP2016SSC</a> | <a href="#">HFWNSP1620C</a> |
| <a href="#">N412201608SS1PTC</a>                                                               | \$1,211.00 | <a href="#">N412201608SSA1PTC</a> | \$1,591.00 | 20.00 x 16.00 x 8.92<br>[508 x 406 x 227]  | 10 [254] | <a href="#">NP2016C</a> | <a href="#">NP2016SSC</a> | <a href="#">HFWNSP2016C</a> |
| <a href="#">N412202006SS1PTC</a>                                                               | \$1,214.00 |                                   |            | 20.00 x 20.00 x 6.92<br>[508 x 508 x 176]  | 10 [254] | <a href="#">NP2020C</a> | <a href="#">NP2020SSC</a> | <a href="#">HFWNSP2020C</a> |
| <a href="#">N412202008SS1PTC</a>                                                               | \$1,258.00 | <a href="#">N412202008SSA1PTC</a> | \$1,947.00 | 20.00 x 20.00 x 8.89<br>[508 x 508 x 226]  | 10 [254] | <a href="#">NP2020C</a> | <a href="#">NP2020SSC</a> | <a href="#">HFWNSP2020C</a> |
| <a href="#">N412202012SS1PTC</a>                                                               | \$1,408.00 |                                   |            | 20.00 x 20.00 x 12.92<br>[508 x 508 x 328] | 10 [254] | <a href="#">NP2020C</a> | <a href="#">NP2020SSC</a> | <a href="#">HFWNSP2020C</a> |

Notes: Subpanels must be ordered separately.

Dimensions in inches [millimeters].

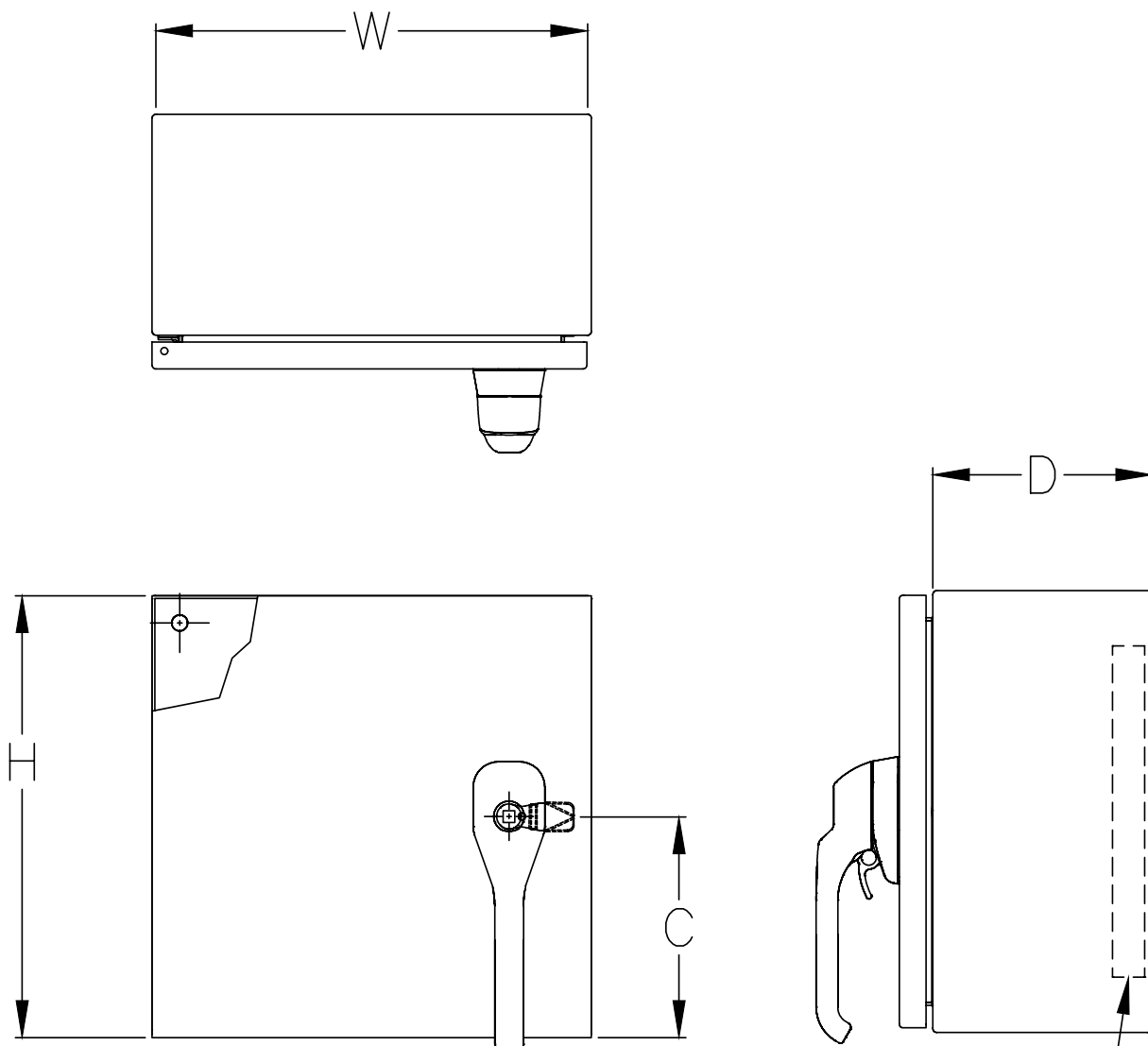
Letters in table correspond to letters on dimensional drawings.

[www.automationdirect.com](http://www.automationdirect.com)

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



## Dimensions



SUBPANEL  
(ORDER SEPARATELY)

Notes: Large print pocket (8 x 10 in [230 x 254 mm]) is furnished if H=20 in [508 mm] or more and W=20 in [508 mm] or more.

Otherwise small (6 x 6 in [152 x 152 mm]) print pocket is provided.

Two hinges provided when H=36 in [914 mm].

Three hinges provided when H=36 in [914 mm] or greater.

Four hinges provided when H=48 in [1219 mm] or greater.

# Enclosure Subpanels



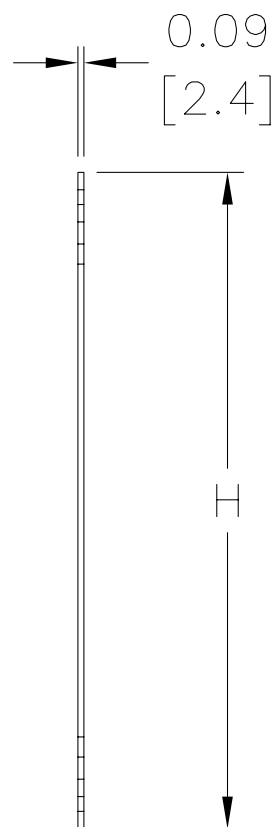
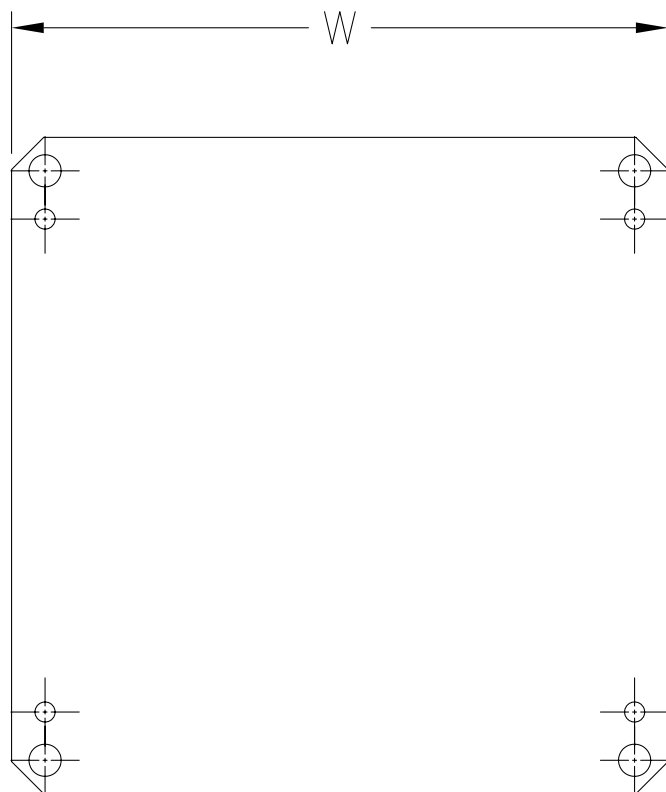
## Subpanels for Ultimate Series Wall-Mount Enclosures

- 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

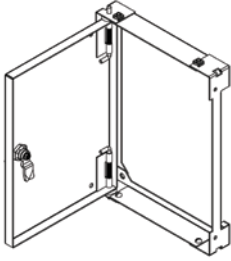


## Subpanels for Ultimate Series Wall-Mount Enclosures

| 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

