

# 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>	\$683.00			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="#">N412161206SS1PTC</a>	\$734.00	<a href="#">N412161206SSA1PTC</a>	\$906.00	16.00 x 12.00 x 6.92 [406 x 305 x 176]	6 [152]	<a href="#">NP1612C</a>	<a href="#">NP1612SSC</a>	<a href="#">HFWNSP1612C</a>
<a href="#">N412161208SS1PTC</a>	\$766.00			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="#">N412161606SS1PTC</a>	\$797.00	<a href="#">N412161606SSA1PTC</a>	\$1,215.00	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="#">N412161608SS1PTC</a>	\$852.00			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="#">N412162008SS1PTC</a>	\$943.00	<a href="#">N412162008SSA1PTC</a>	\$1,209.00	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="#">N412201606SS1PTC</a>	\$935.00			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="#">HFWNSP1620C</a>
<a href="#">N412201608SS1PTC</a>	\$955.00	<a href="#">N412201608SSA1PTC</a>	\$1,209.00	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="#">N412202006SS1PTC</a>	\$957.00			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="#">N412202008SS1PTC</a>	\$993.00	<a href="#">N412202008SSA1PTC</a>	\$1,480.00	20.00 x 20.00 x 8.89 [508 x 508 x 226]	10 [254]	<a href="#">NP2020C</a>	<a href="#">NP2020SSC</a>	<a href="#">HFWNSP2020C</a>
<a href="#">N412202012SS1PTC</a>	\$1,110.00			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>

Notes: Subpanels must be ordered separately.

Dimensions in inches [millimeters].

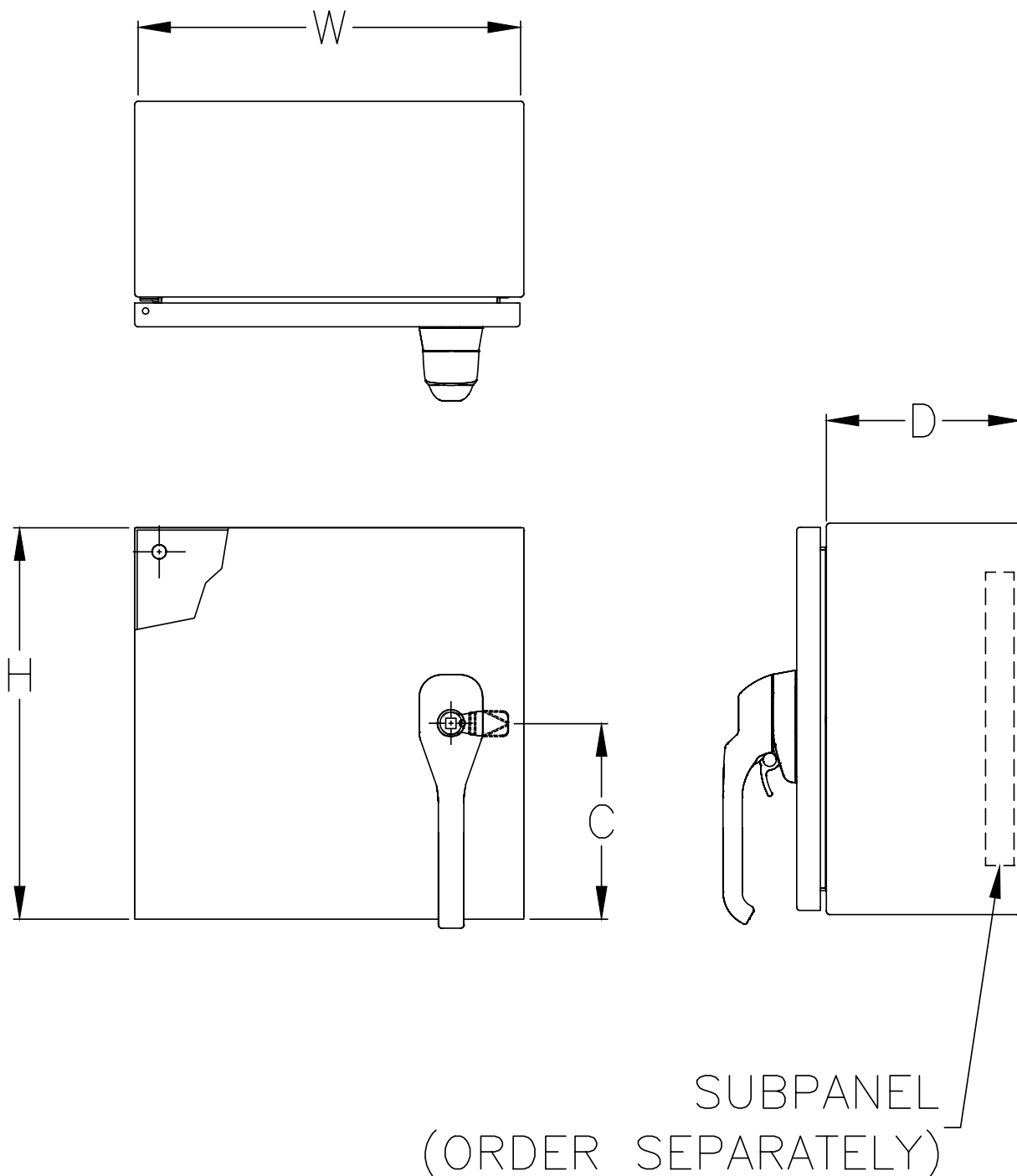
Letters in table correspond to letters on dimensional drawings.

[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



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



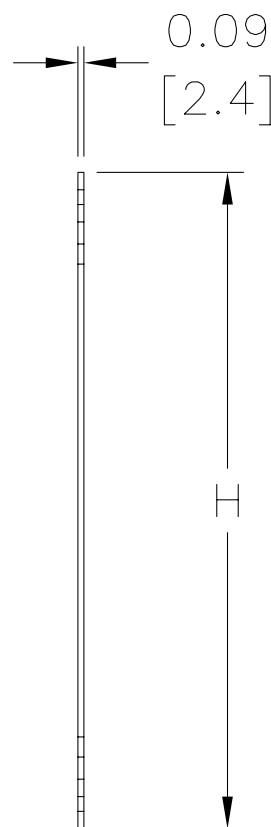
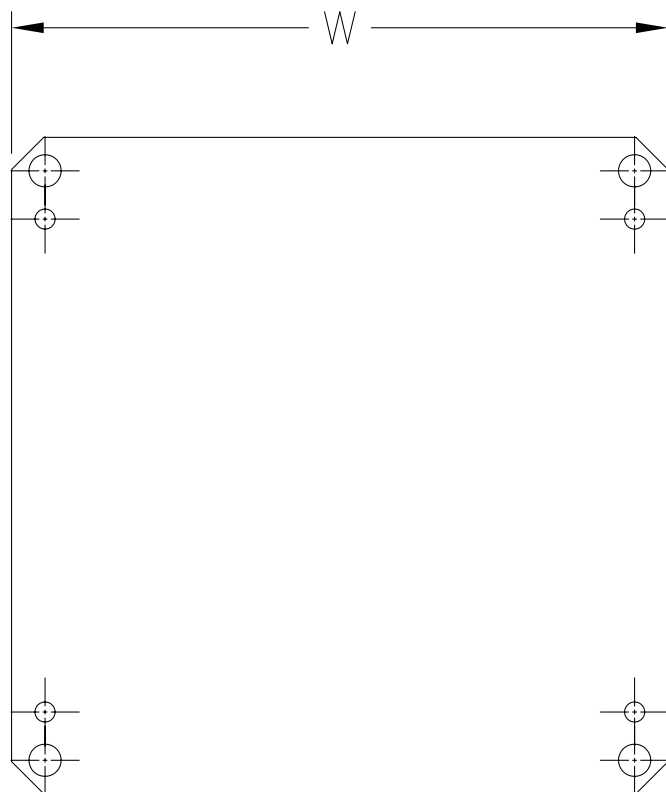
## Subpanels for Ultimate Series Wall-Mount Enclosures

- 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

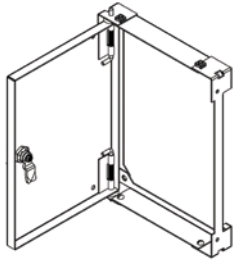


## Subpanels for Ultimate Series Wall-Mount Enclosures

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>	\$16.50	—	—	12 x 12	10.20 x 10.20 [259 x 259]
<a href="#"><u>NP1612C</u></a>	\$17.75	<a href="#"><u>NP1612SSC</u></a>	\$80.00	16 x 12	14.20 x 10.20 [361 x 259]
<a href="#"><u>NP1616C</u></a>	\$42.50	<a href="#"><u>NP1616SSC</u></a>	\$97.00	16 x 16	14.20 x 14.20 [361 x 361]
<a href="#"><u>NP2016C</u></a>	\$51.00	<a href="#"><u>NP2016SSC</u></a>	\$117.00	16 x 20 20 x 16	18.20 x 14.20 [462 x 361]
<a href="#"><u>NP2020C</u></a>	\$61.00	<a href="#"><u>NP2020SSC</u></a>	\$151.00	20 x 20	18.20 x 18.20 [462 x 462]
<a href="#"><u>NP2416C</u></a>	\$59.00	<a href="#"><u>NP2416SSC</u></a>	\$145.00	24 x 16	22.20 x 14.20 [564 x 361]
<a href="#"><u>NP2420C</u></a>	\$59.00	<a href="#"><u>NP2420SSC</u></a>	\$183.00	24 x 20	22.20 x 18.20 [564 x 462]
<a href="#"><u>NP2424C</u></a>	\$91.00	<a href="#"><u>NP2424SSC</u></a>	\$213.00	24 x 24	22.20 x 22.20 [564 x 564]
<a href="#"><u>NP3020C</u></a>	\$95.00	—	—	30 x 20	28.20 x 18.20 [716 x 462]
<a href="#"><u>NP3024C</u></a>	\$110.00	<a href="#"><u>NP3024SSC</u></a>	\$280.00	30 x 24	28.20 x 22.20 [716 x 564]
<a href="#"><u>NP3030C</u></a>	\$155.00	<a href="#"><u>NP3030SSC</u></a>	\$382.00	30 x 30	28.20 x 28.20 [716 x 716]
<a href="#"><u>NP3624C</u></a>	\$132.00	<a href="#"><u>NP3624SSC</u></a>	\$326.00	24 x 36 36 x 24	34.20 x 22.20 [869 x 564]
<a href="#"><u>NP3630C</u></a>	\$175.00	<a href="#"><u>NP3630SSC</u></a>	\$405.00	36 x 30	34.20 x 28.20 [869 x 716]
<a href="#"><u>NP3636C</u></a>	\$206.00	<a href="#"><u>NP3636SSC</u></a>	\$489.00	36 x 36	34.20 x 34.20 [869 x 869]
<a href="#"><u>NP4224C</u></a>	\$256.00	—	—	24 x 42	40.20 x 22.20 [1021 x 564]
<a href="#"><u>NP4024C</u></a>	\$158.00	—	—	40 x 24	38.20 x 22.20 [970 x 564]
<a href="#"><u>NP4242C</u></a>	\$439.00	—	—	42 x 42	40.20 x 40.20 [1021 x 1021]
<a href="#"><u>NP4230C</u></a>	\$236.00	—	—	30 x 42 42 x 32	40.20 x 28.20 [1021 x 716]
<a href="#"><u>NP4236C</u></a>	\$236.00	<a href="#"><u>NP4236SSC</u></a>	\$618.00	36 x 42 42 x 36	40.20 x 34.20 [1021 x 869]
<a href="#"><u>NP4824C</u></a>	\$171.00	—	—	24 x 48 48 x 24	46.20 x 22.20 [1173 x 564]
<a href="#"><u>NP4830C</u></a>	\$352.00	—	—	30 x 48	46.20 x 28.20 [1173 x 716]
<a href="#"><u>NP4842C</u></a>	\$590.00	—	—	42 x 48	46.20 x 40.20 [1173 x 1021]
<a href="#"><u>NP4836C</u></a>	\$267.00	<a href="#"><u>NP4836SSC</u></a>	\$618.00	36 x 48 48 x 36	46.20 x 34.20 [1173 x 869]
<a href="#"><u>NP4848C</u></a>	\$656.00	—	—	48 x 48	46.20 x 46.20 [1173 x 1173]
<a href="#"><u>NP6030C</u></a>	\$468.00	—	—	30 x 60	58.20 x 28.20 [1478 x 716]
<a href="#"><u>NP6036C</u></a>	\$328.00	<a href="#"><u>NP6036SSC</u></a>	\$883.00	36 x 30 60 x 36	58.20 x 34.20 [1478 x 869]
<a href="#"><u>NP6042C</u></a>	\$659.00	—	—	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>	\$134.00	9.75 x 9.75 [248 x 248]	10.50 x 10.62 [267 x 270]	12 x 12
<a href="#">HFWNSP1612C</a>	\$140.00	13.75 x 9.75 [349 x 248]	14.50 x 10.62 [368 x 270]	16 x 12
<a href="#">HFWNSP1616C</a>	\$147.00	13.75 x 13.75 [349 x 349]	14.50 x 14.62 [368 x 37]	16 x 16
<a href="#">HFWNSP1620C</a>	\$168.00	13.75 x 17.75 [349 x 451]	14.50 x 18.62 [368 x 473]	16 x 20
<a href="#">HFWNSP2016C</a>	\$155.00	17.75 x 13.75 [451 x 349]	18.50 x 14.62 [470 x 371]	20 x 16
<a href="#">HFWNSP2020C</a>	\$164.00	17.75 x 17.75 [451 x 451]	18.50 x 18.62 [470 x 473]	20 x 20
<a href="#">HFWNSP2024C</a>	\$188.00	17.75 x 21.75 [451 x 552]	18.50 x 22.62 [470 x 575]	20 x 24
<a href="#">HFWNSP2416C</a>	\$176.00	21.75 x 13.75 [552 x 349]	22.50 x 14.62 [572 x 371]	24 x 16
<a href="#">HFWNSP2420C</a>	\$174.00	21.75 x 17.75 [552 x 451]	22.50 x 18.62 [572 x 473]	24 x 20
<a href="#">HFWNSP2424C</a>	\$185.00	21.75 x 21.75 [552 x 552]	22.50 x 22.62 [572 x 575]	24 x 24
<a href="#">HFWNSP3020C</a>	\$203.00	27.75 x 17.75 [705 x 451]	28.50 x 18.62 [724 x 473]	30 x 20
<a href="#">HFWNSP3024C</a>	\$202.00	27.75 x 21.75 [705 x 552]	28.50 x 22.62 [724 x 575]	30 x 24
<a href="#">HFWNSP3030C</a>	\$223.00	27.75 x 27.75 [705 x 705]	28.50 x 28.62 [724 x 727]	30 x 30
<a href="#">HFWNSP3624C</a>	\$218.00	33.75 x 21.75 [857 x 552]	34.50 x 22.62 [876 x 575]	36 x 24
<a href="#">HFWNSP3630C</a>	\$244.00	33.75 x 27.75 [857 x 705]	34.50 x 28.62 [876 x 727]	36 x 30
<a href="#">HFWNSP3636C</a>	\$269.00	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

