

Ultimate Series NEMA 4, 4X, 12, and 13 Stainless Steel Single-Door Wall-Mount



Applications

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- or 16-gauge type 304 or 316L stainless steel
- 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)
- 1/4 turn, semi-flush oil-tight latches supplied to hold door securely closed
- Mounting holes in rear of enclosure
- Optional N412MFKSS mounting foot kit is required to maintain the NEMA 4, 4X, 12, and 13 ratings
- Mounting foot kit must be ordered separately
- Uses N41214_SS series latches

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, 4, 4X, 12, and 13 [UL file E64791]
- Meets NEMA/EEMAC 4, 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

Ultimate Series NEMA 4, 4X, 12, and 13 Stainless Steel Single-Door Wall-Mount								
304 Stainless Steel	Price	316L Stainless Steel	Price	Enclosure Size HxWxD	Steel Gauge	Painted Steel Subpanel	Stainless Steel Subpanel	Swing-Out Panel
N412121206SSC	\$558.00	—	—	12.00 x 12.00 x 6.92 [305 x 305 x 176]	16	NP1212C	—	HFWNSP1212C
N412161206SSC	\$612.00	—	—	16.00 x 12.00 x 6.92 [406 x 305 x 176]	16	NP1612C	NP1612SSC	HFWNSP1612C
N412161208SSC	\$646.00	—	—	16.00 x 12.00 x 8.92 [406 x 305 x 227]	16	NP1612C	NP1612SSC	HFWNSP1612C
N412161210SSC	\$691.00	N412161210SSAC	\$1,294.00	16.00 x 12.00 x 10.92 [406 x 305 x 277]	16	NP1612C	NP1612SSC	HFWNSP1612C
N412161606SSC	\$678.00	—	—	16.00 x 16.00 x 6.92 [406 x 406 x 176]	16	NP1616C	NP1616SSC	HFWNSP1616C
N412161608SSC	\$735.00	—	—	16.00 x 16.00 x 8.92 [406 x 406 x 227]	16	NP1616C	NP1616SSC	HFWNSP1616C
N412161610SSC	\$780.00	—	—	16.00 x 16.00 x 10.92 [406 x 406 x 277]	16	NP1616C	NP1616SSC	HFWNSP1616C
N412162008SSC	\$807.00	N412162008SSAC	\$1,489.00	16.00 x 20.00 x 8.92 [406 x 508 x 227]	16	NP2016C	NP2016SSC	HFWNSP1620C
N412162010SSC	\$907.00	—	—	16.00 x 20.00 x 10.92 [406 x 508 x 277]	16	NP2016C	NP2016SSC	HFWNSP1620C
N412201606SSC	\$766.00	—	—	20.00 x 16.00 x 6.92 [508 x 406 x 176]	16	NP2016C	NP2016SSC	HFWNSP2016C
Notes: Subpanels must be ordered separately. Dimensions in inches [millimeters]. Letters in table correspond to letters on dimensional drawings.								

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N412201608SSC	\$814.00	–	–	20.00 x 16.00 x 8.92 [508 x 406 x 227]	16	NP2016C	NP2016SSC	HFWNSP2016C
N412201610SSC	\$830.00	–	–	20.00 x 16.00 x 10.92 [508 x 406 x 277]	16	NP2016C	NP2016SSC	HFWNSP2016C
N412202006SSC	\$846.00	–	–	20.00 x 20.00 x 6.92 [508 x 508 x 176]	16	NP2020C	NP2020SSC	HFWNSP2020C
N412202008SSC	\$883.00	–	–	20.00 x 20.00 x 8.92 [508 x 508 x 227]	16	NP2020C	NP2020SSC	HFWNSP2020C
N412202010SSC	\$927.00	–	–	20.00 x 20.00 x 10.92 [508 x 508 x 277]	16	NP2020C	NP2020SSC	HFWNSP2020C
N412202012SSC	\$1,006.00	–	–	20.00 x 20.00 x 12.92 [508 x 508 x 328]	16	NP2020C	NP2020SSC	HFWNSP2020C
N412241608SSC	\$870.00	–	–	24.00 x 16.00 x 8.92 [610 x 406 x 227]	16	NP2416C	NP2416SSC	HFWNSP2416C
N412241610SSC	\$914.00	–	–	24.00 x 16.00 x 10.92 [610 x 406 x 277]	16	NP2416C	NP2416SSC	HFWNSP2416C
N412242008SSC	\$966.00	N412242008SSAC	\$1,638.00	24.00 x 20.00 x 8.92 [610 x 508 x 227]	16	NP2420C	NP2420SSC	HFWNSP2420C
N412242010SSC	\$1,015.00	–	–	24.00 x 20.00 x 10.92 [610 x 508 x 277]	16	NP2420C	NP2420SSC	HFWNSP2420C
N412242408SSC	\$1,063.00	–	–	24.00 x 24.00 x 8.92 [610 x 610 x 227]	14	NP2424C	NP2424SSC	HFWNSP2424C
N412242410SSC	\$1,149.00	N412242410SSAC	\$1,881.00	24.00 x 24.00 x 10.92 [610 x 610 x 277]	14	NP2424C	NP2424SSC	HFWNSP2424C
N412242412SSC	\$1,185.00	N412242412SSAC	\$2,235.00	24.00 x 24.00 x 12.92 [610 x 610 x 328]	14	NP2424C	NP2424SSC	HFWNSP2424C
N412302408SSC	\$1,209.00	N412302408SSAC	\$2,244.00	30.00 x 24.00 x 8.92 [762 x 610 x 227]	14	NP3024C	NP3024SSC	HFWNSP3024C
N412302410SSC	\$1,293.00	–	–	30.00 x 24.00 x 10.92 [762 x 610 x 277]	14	NP3024C	NP3024SSC	HFWNSP3024C
N412302412SSC	\$1,358.00	–	–	30.00 x 24.00 x 12.92 [762 x 610 x 328]	14	NP3024C	NP3024SSC	HFWNSP3024C
N412303008SSC	\$1,420.00	–	–	30.00 x 30.00 x 8.92 [762 x 762 x 227]	14	NP3030C	NP3030SSC	HFWNSP3030C
N412303010SSC	\$1,492.00	N412303010SSAC	\$2,620.00	30.00 x 30.00 x 10.92 [762 x 762 x 277]	14	NP3030C	NP3030SSC	HFWNSP3030C
N412362408SSC	\$1,477.00	–	–	36.00 x 24.00 x 8.92 [914 x 610 x 227]	14	NP3624C	NP3624SSC	HFWNSP3624C
N412362410SSC	\$1,461.00	–	–	36.00 x 24.00 x 10.92 [914 x 610 x 277]	14	NP3624C	NP3624SSC	HFWNSP3624C
N412362412SSC	\$1,515.00	–	–	36.00 x 24.00 x 12.92 [914 x 610 x 328]	14	NP3624C	NP3624SSC	HFWNSP3624C
N412363008SSC	\$1,694.00	–	–	36.00 x 30.00 x 8.92 [914 x 762 x 227]	14	NP3630C	NP3630SSC	HFWNSP3630C
N412363010SSC	\$1,903.00	–	–	36.00 x 30.00 x 10.92 [914 x 762 x 277]	14	NP3630C	NP3630SSC	HFWNSP3630C
N412363012SSC	\$1,811.00	–	–	36.00 x 30.00 x 12.92 [914 x 762 x 328]	14	NP3630C	NP3630SSC	HFWNSP3630C

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

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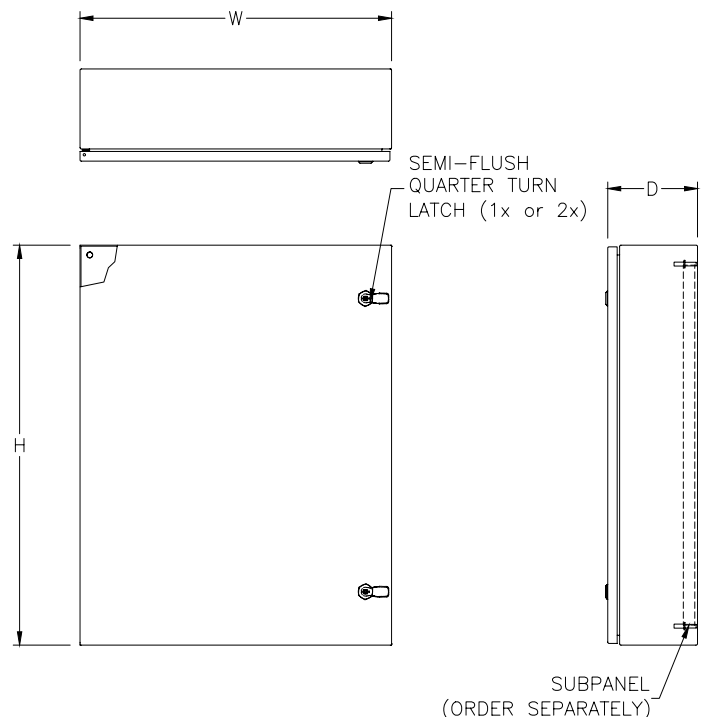
Ultimate Series NEMA 4, 4X, 12, and 13 Stainless Steel Single-Door Wall-Mount



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304 Stainless Steel	Price	316L Stainless Steel	Price	Enclosure Size HxWxD	Steel Gauge	Painted Steel Subpanel	Stainless Steel Subpanel	Swing-Out Panel
N412363610SSC	\$1,828.00	—	—	36.00 x 36.00 x 10.92 [914 x 914 x 277]	14	NP3636C	NP3636SSC	HFWNSP3636C
N412363612SSC	\$1,966.00	N412363612SSAC	\$3,632.00	36.00 x 36.00 x 12.92 [914 x 914 x 328]	14	NP3636C	NP3636SSC	HFWNSP3636C
N412423610SSC	\$2,050.00	—	—	42.00 x 36.00 x 10.92 [1067 x 914 x 277]	14	NP4236C	NP4236SSC	—
N412423612SSC	\$2,181.00	—	—	42.00 x 36.00 x 12.92 [1067 x 914 x 328]	14	NP4236C	NP4236SSC	—
N412483610SSC	\$2,438.00	—	—	48.00 x 36.00 x 10.92 [1219 x 914 x 277]	14	NP4836C	NP4836SSC	—
N412483612SSC	\$2,445.00	—	—	48.00 x 36.00 x 12.92 [1219 x 914 x 328]	14	NP4836C	NP4836SSC	—
N412603610SSC	\$2,865.00	—	—	60.00 x 36.00 x 10.92 [1524 x 914 x 277]	14	NP6036C	NP6036SSC	—
N412603612SSC	\$3,080.00	—	—	60.00 x 36.00 x 12.92 [1524 x 914 x 328]	14	NP6036C	NP6036SSC	—
Notes: Subpanels must be ordered separately. Dimensions in inches [millimeters]. Letters in table correspond to letters on dimensional drawings.								

Dimensions



Notes: Enclosures include a 3-point latch when H=40 in [1016 mm] or more.
 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.
 Enclosures smaller than 24 in [610 mm] have one latch.

Enclosure Subpanels



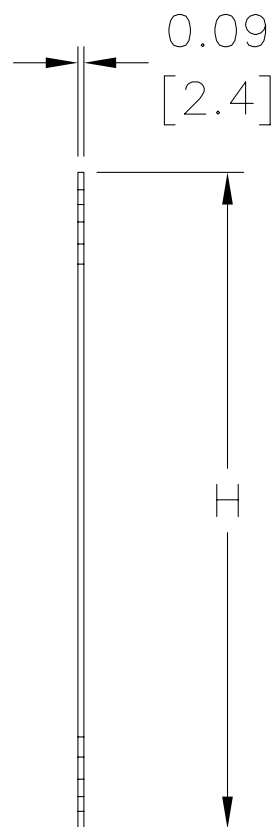
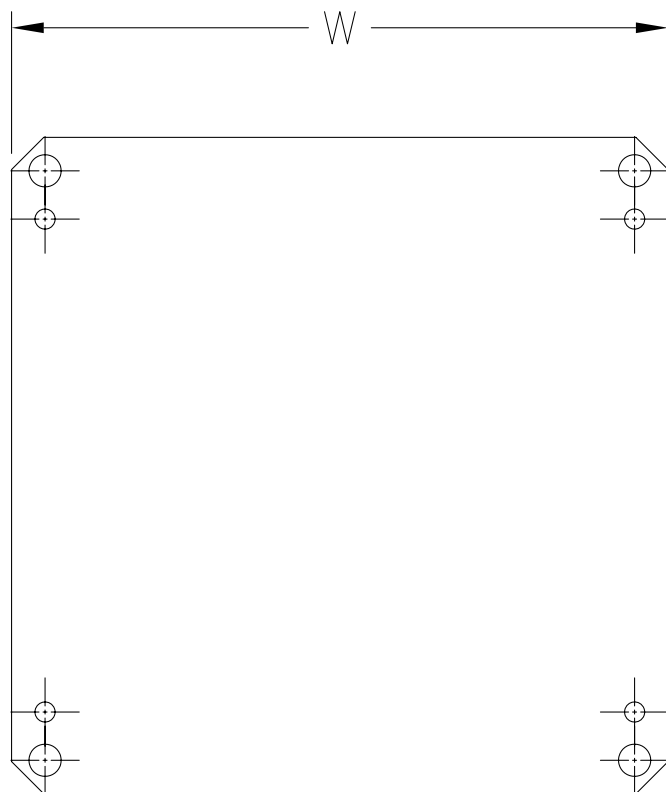
Subpanels for Ultimate Series Wall-Mount Enclosures

- 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

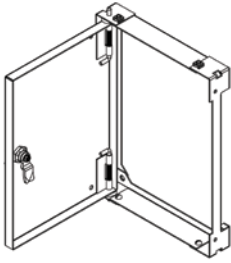


Subpanels for Ultimate Series Wall-Mount Enclosures

Subpanels for Ultimate Series Wall-Mount Enclosures					
Painted Steel	Price	304 Stainless Steel	Price	Nominal Enclosure Size HxW*	Subpanel Size HxW
<u>NP1212C</u>	\$15.50	—	—	12 x 12	10.20 x 10.20 [259 x 259]
<u>NP1612C</u>	\$16.75	<u>NP1612SSC</u>	\$87.00	16 x 12	14.20 x 10.20 [361 x 259]
<u>NP1616C</u>	\$40.50	<u>NP1616SSC</u>	\$106.00	16 x 16	14.20 x 14.20 [361 x 361]
<u>NP2016C</u>	\$48.00	<u>NP2016SSC</u>	\$128.00	16 x 20 20 x 16	18.20 x 14.20 [462 x 361]
<u>NP2020C</u>	\$58.00	<u>NP2020SSC</u>	\$165.00	20 x 20	18.20 x 18.20 [462 x 462]
<u>NP2416C</u>	\$56.00	<u>NP2416SSC</u>	\$159.00	24 x 16	22.20 x 14.20 [564 x 361]
<u>NP2420C</u>	\$56.00	<u>NP2420SSC</u>	\$200.00	24 x 20	22.20 x 18.20 [564 x 462]
<u>NP2424C</u>	\$86.00	<u>NP2424SSC</u>	\$233.00	24 x 24	22.20 x 22.20 [564 x 564]
<u>NP3020C</u>	\$90.00	—	—	30 x 20	28.20 x 18.20 [716 x 462]
<u>NP3024C</u>	\$105.00	<u>NP3024SSC</u>	\$306.00	30 x 24	28.20 x 22.20 [716 x 564]
<u>NP3030C</u>	\$147.00	<u>NP3030SSC</u>	\$418.00	30 x 30	28.20 x 28.20 [716 x 716]
<u>NP3624C</u>	\$125.00	<u>NP3624SSC</u>	\$357.00	24 x 36 36 x 24	34.20 x 22.20 [869 x 564]
<u>NP3630C</u>	\$167.00	<u>NP3630SSC</u>	\$443.00	36 x 30	34.20 x 28.20 [869 x 716]
<u>NP3636C</u>	\$196.00	<u>NP3636SSC</u>	\$535.00	36 x 36	34.20 x 34.20 [869 x 869]
<u>NP4224C</u>	\$244.00	—	—	24 x 42	40.20 x 22.20 [1021 x 564]
<u>NP4024C</u>	\$151.00	—	—	40 x 24	38.20 x 22.20 [970 x 564]
<u>NP4242C</u>	\$418.00	—	—	42 x 42	40.20 x 40.20 [1021 x 1021]
<u>NP4230C</u>	\$225.00	—	—	30 x 42 42 x 32	40.20 x 28.20 [1021 x 716]
<u>NP4236C</u>	\$225.00	<u>NP4236SSC</u>	\$676.00	36 x 42 42 x 36	40.20 x 34.20 [1021 x 869]
<u>NP4824C</u>	\$163.00	—	—	24 x 48 48 x 24	46.20 x 22.20 [1173 x 564]
<u>NP4830C</u>	\$336.00	—	—	30 x 48	46.20 x 28.20 [1173 x 716]
<u>NP4842C</u>	\$562.00	—	—	42 x 48	46.20 x 40.20 [1173 x 1021]
<u>NP4836C</u>	\$254.00	<u>NP4836SSC</u>	\$676.00	36 x 48 48 x 36	46.20 x 34.20 [1173 x 869]
<u>NP4848C</u>	\$625.00	—	—	48 x 48	46.20 x 46.20 [1173 x 1173]
<u>NP6030C</u>	\$446.00	—	—	30 x 60	58.20 x 28.20 [1478 x 716]
<u>NP6036C</u>	\$313.00	<u>NP6036SSC</u>	\$965.00	36 x 30 60 x 36	58.20 x 34.20 [1478 x 869]
<u>NP6042C</u>	\$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
HFWNSP1212C	\$128.00	9.75 x 9.75 [248 x 248]	10.50 x 10.62 [267 x 270]	12 x 12
HFWNSP1612C	\$133.00	13.75 x 9.75 [349 x 248]	14.50 x 10.62 [368 x 270]	16 x 12
HFWNSP1616C	\$140.00	13.75 x 13.75 [349 x 349]	14.50 x 14.62 [368 x 37]	16 x 16
HFWNSP1620C	\$160.00	13.75 x 17.75 [349 x 451]	14.50 x 18.62 [368 x 473]	16 x 20
HFWNSP2016C	\$147.00	17.75 x 13.75 [451 x 349]	18.50 x 14.62 [470 x 371]	20 x 16
HFWNSP2020C	\$156.00	17.75 x 17.75 [451 x 451]	18.50 x 18.62 [470 x 473]	20 x 20
HFWNSP2024C	\$179.00	17.75 x 21.75 [451 x 552]	18.50 x 22.62 [470 x 575]	20 x 24
HFWNSP2416C	\$167.00	21.75 x 13.75 [552 x 349]	22.50 x 14.62 [572 x 371]	24 x 16
HFWNSP2420C	\$165.00	21.75 x 17.75 [552 x 451]	22.50 x 18.62 [572 x 473]	24 x 20
HFWNSP2424C	\$176.00	21.75 x 21.75 [552 x 552]	22.50 x 22.62 [572 x 575]	24 x 24
HFWNSP3020C	\$194.00	27.75 x 17.75 [705 x 451]	28.50 x 18.62 [724 x 473]	30 x 20
HFWNSP3024C	\$192.00	27.75 x 21.75 [705 x 552]	28.50 x 22.62 [724 x 575]	30 x 24
HFWNSP3030C	\$212.00	27.75 x 27.75 [705 x 705]	28.50 x 28.62 [724 x 727]	30 x 30
HFWNSP3624C	\$208.00	33.75 x 21.75 [857 x 552]	34.50 x 22.62 [876 x 575]	36 x 24
HFWNSP3630C	\$232.00	33.75 x 27.75 [857 x 705]	34.50 x 28.62 [876 x 727]	36 x 30
HFWNSP3636C	\$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

