Ultimate Series NEMA 4X, 12, and 13 Stainless Steel Single-Door Wall-Mount with 3-Point Handle

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 304 and 316L stainless steel
- Plasma welded seams
- Poured-in-place polyurethane 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 WAJCDFK and WANADFK will not work with these enclosures
- Doors are interchangeable and easily removable (open to 90° to remove door)
- 3-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

Shipping Schedule					
Same day	1 - 5 days	1 - 7 days	1-10 days	1 - 15 days	1 - 20 days
Color indicates shipping lead time in business days.					

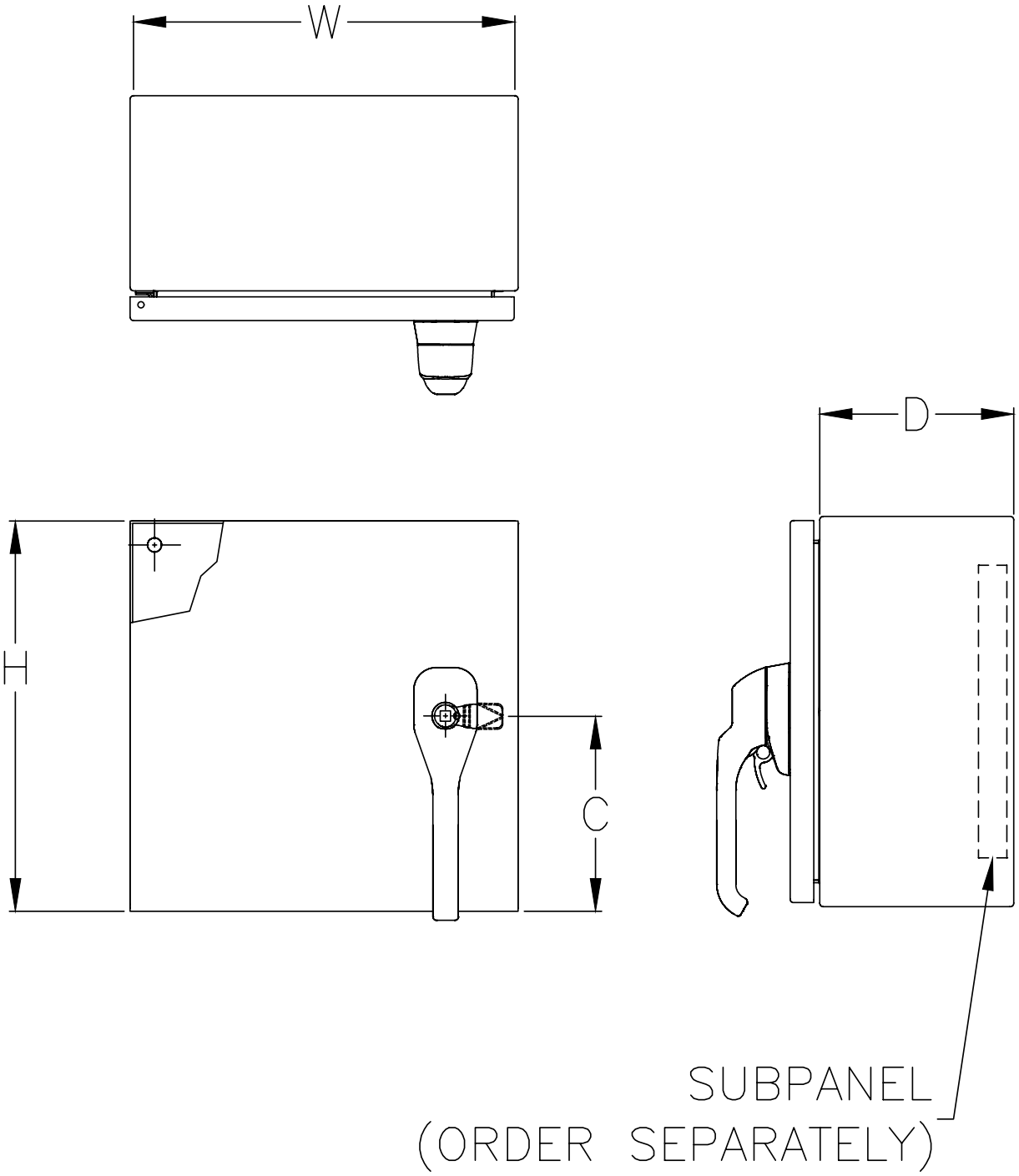
Ultimate Series NEMA 4X, 12, and 13 Stainless Steel Single-Door Wall-Mount with 3-Point Handle

304 Stainless Steel	Price	Enclosure Size HxWxD	Steel Gauge	Painted Steel Subpanel	Stainless Steel Subpanel
N412241608SS3PTC	$1,243.00	24.00 x 16.00 x 8.92 [610 x 406 x 227]	16	NP2416C	NP2416SSC
N412242008SS3PTC	$1,359.00	24.00 x 20.00 x 8.92 [610 x 508 x 227]	16	NP2420C	NP2420SSC
N412242408SS3PTC	$1,477.00	24.00 x 24.00 x 8.92 [610 x 610 x 227]	14	NP2424C	NP2424SSC
N412242412SS3PTC	$1,723.00	24.00 x 24.00 x 12.92 [610 x 610 x 328]	14	NP2424C	NP2424SSC
N412302408SS3PTC	$1,875.00	30.00 x 24.00 x 8.92 [762 x 610 x 227]	14	NP3024C	NP3024SSC
N412302412SS3PTC	$2,017.00	30.00 x 24.00 x 12.92 [762 x 610 x 328]	14	NP3024C	NP3024SSC
N412303008SS3PTC	$2,017.00	30.00 x 30.00 x 8.92 [762 x 762 x 227]	14	NP3030C	NP3030SSC
N412362408SS3PTC	$1,989.00	36.00 x 24.00 x 8.92 [914 x 610 x 227]	14	NP3624C	NP3624SSC
N412362412SS3PTC	$2,296.00	36.00 x 24.00 x 12.92 [914 x 610 x 328]	14	NP3624C	NP3624SSC
N412363008SS3PTC	$2,407.00	36.00 x 30.00 x 8.92 [914 x 762 x 227]	14	NP3630C	NP3630SSC
N412363012SS3PTC	$2,703.00	36.00 x 30.00 x 12.92 [914 x 762 x 328]	14	NP3630C	NP3630SSC
N412363612SS3PTC	$2,727.00	36.00 x 36.00 x 12.92 [914 x 914 x 328]	14	NP3636C	NP3636SSC
N412423612SS3PTC	$2,830.00	42.00 x 36.00 x 12.92 [1067 x 914 x 328]	14	NP4236C	NP4236SSC
N412483612SS3PTC	$3,093.00	48.00 x 36.00 x 12.92 [1219 x 914 x 328]	14	NP4836C	NP4836SSC
N412603612SS3PTC	$3,476.00	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.

Ultimate Series NEMA 4X, 12, and 13 Stainless Steel Single-Door Wall-Mount with 3-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

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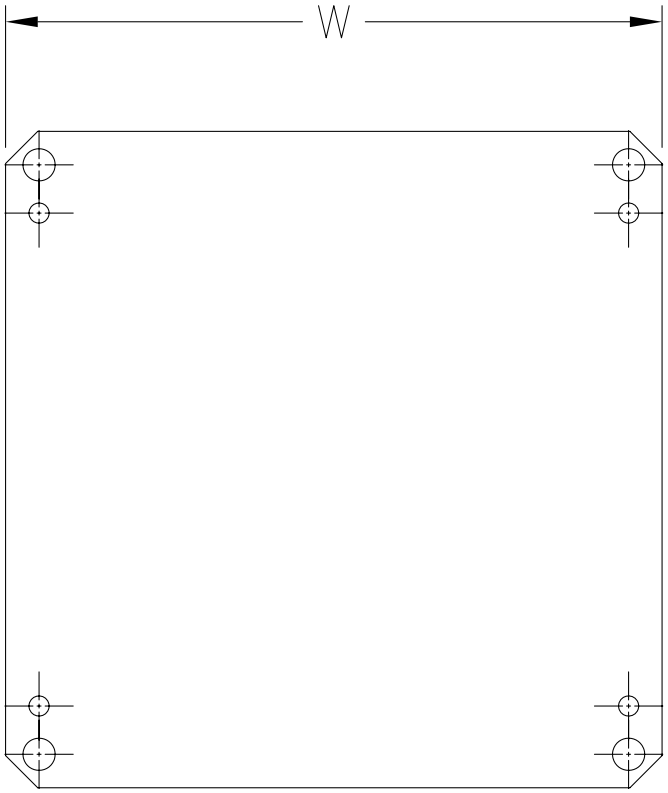
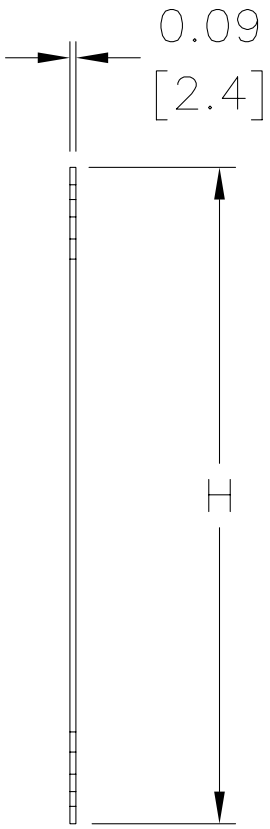
Subpanels for Ultimate Series Wall-Mount Enclosures

- 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

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Subpanels for Ultimate Series Wall-Mount Enclosures

Shipping Schedule				
Same day	1 - 5 days	1 - 7 days	1 - 15 days	1 - 20 days
Color indicates shipping lead time in business days.				

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

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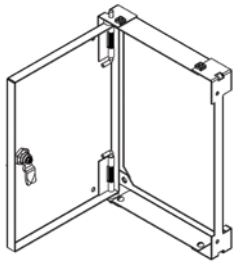


Note: HFWNSPxxxxC swing-out panels will not fit in older NEMA 4/12 enclosures (purchased prior to 3-23-05) that do not have a C suffix. For example: Swing-out panel HFWNSP1212C will not fit enclosures N41212126 or N412121206SS.

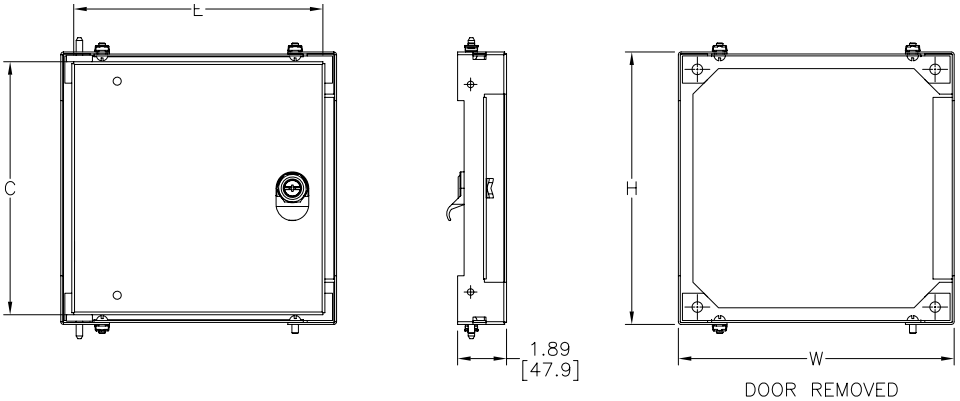
For N412 Ultimate Series Wall-Mount Enclosures except N412-1PTC, -3PTC, -SS1PTC, -SS3PTC, -SSA1PTC, and -SSA3PTC

- 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

Shipping Schedule				
Same day	1 - 5 days	1 - 7 days	1 - 15 days	1 - 20 days
Color indicates shipping lead time in business days.				

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.

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