

Application:

- Suitable for housing electrical or electronic controls, instrumentation, and related wiring
- Continuously hinged door allows for easy access to internal components
- Designed for indoor or outdoor use and will protect components from dust, dirt, oil, hose directed water, and other contaminants in highly corrosive environments when sanitary conditions are a requirement

Enclosure features:

- Enclosure bodies fabricated from 14 gauge Type 304 stainless steel with seam welds that are ground smooth
- Doors fabricated from 14 gauge Type 304 stainless steel
- Includes a removable 12 gauge steel sub plate
- Door gasket is 1/4" x 3/4" Poron
- Ground studs are included on both the door and enclosure body
- Enclosure exterior polished to a #4 finish
- Sub plate is finished in a white polyester powder coating over a phosphated surface

Industry Standards:

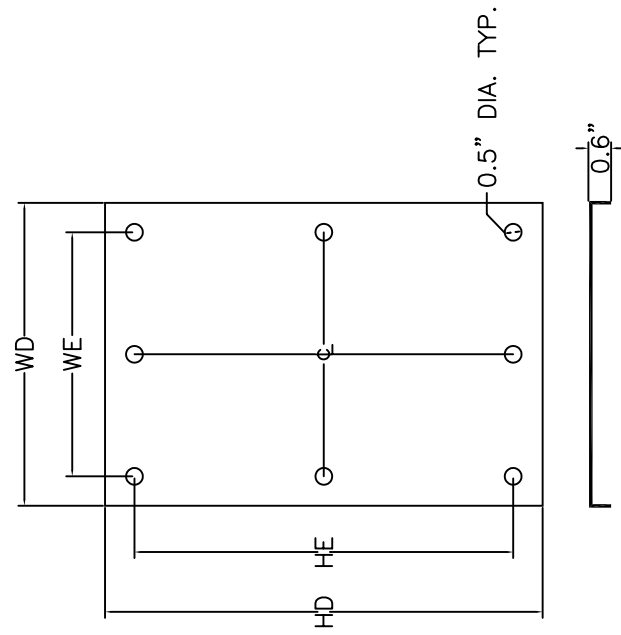
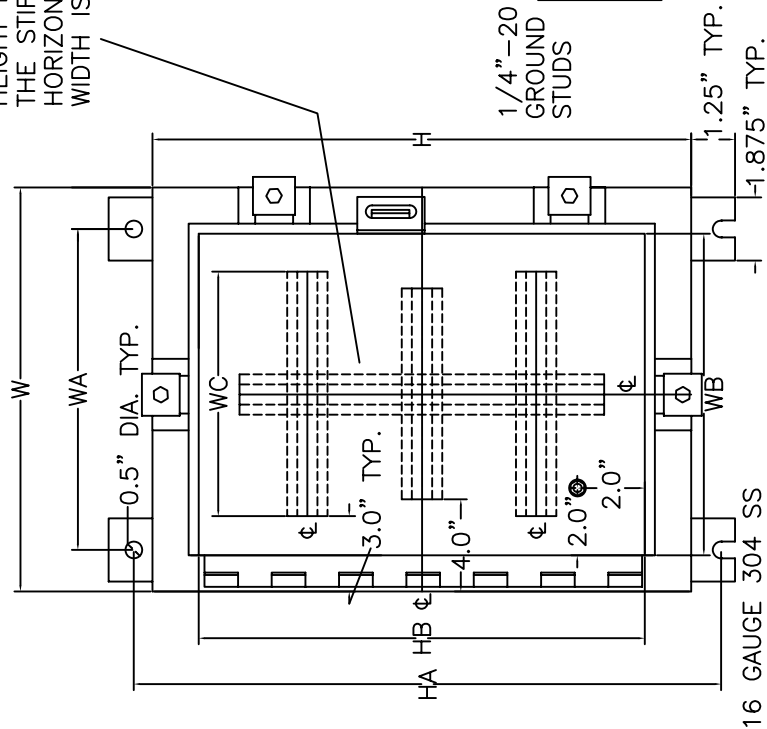
- NEMA 4X
- CSA Type 4X
- UL Type 4X

Approval:

- CSA NRTL/C approved
- UL approved

A VERTICAL DOOR STIFFENER IS ADDED IF THE ENCLOSURE HEIGHT IS GREATER THAN 36" THE STIFFENER IS ADDED HORIZONTALLY IF THE WIDTH IS GREATER THAN 36"

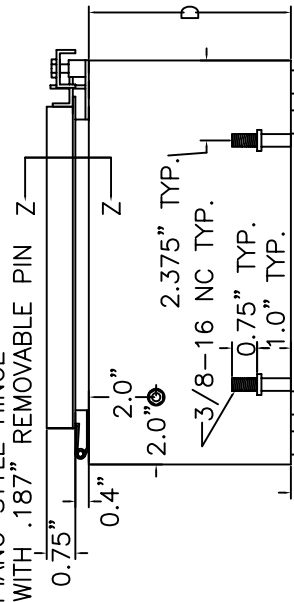
THE SUB PLATE IS SUPPORTED INSIDE THE ENCLOSURE USING STAND OFF BOLTS. TYPICALLY THERE ARE 2 BOLTS COMMON TO EACH SIDE UNLESS THE SUB PLATE SIDE IS LONGER THAN 27", IN WHICH CASE A THIRD BOLT, CENTRED, IS ADDED. STIFFENING FOLDS ARE ADDED IF A SIDE IS LONGER THAN 21".



THREE HORIZONTAL STIFFENERS ARE ADDED INSIDE THE ENCLOSURE IF ITS HEIGHT IS GREATER THAN 36" THE STIFFENERS ARE ADDED VERTICALLY IF THE ENCLOSURE WIDTH IS GREATER THAN 36"

NOTE 1: CLAMPS, CLAMP BASES, 1/4"-28 NF CLAMP BOLTS, WASHERS, AND RETAINING SPRINGS, MOUNTING BRACKETS, PLUS LOCKABLE LATCH PARTS ARE MADE OF 304 SS.

NOTE 2: ALL GROUND STUDS AND STAND OFF BOLTS ARE SUPPLIED WITH NUTS AND WASHERS



0.135" TYP.

0.25" X 0.75" GASKET INSIDE PERIMETER OF DOOR

SECTION Z-Z

REV	DESCRIPTION	DATE	APPVL
ENCLOSURES DIRECT INC.			
NEMA 4X 304 STAINLESS STEEL			
MODEL NUMBER SERIES N4S			



NEMA 4X 304 STAINLESS STEEL SINGLE DOOR ENCLOSURE - SERIES N4S

H	W	D	Model	Weight	HA	WA	HB	WB	HC	WC	HD	WD	SIDE	TOP	BOTTOM
12	12	6	N4S121206	21	13.25	9.5	10.13	10.13	9	9	7.25	7.25	2	1	1
12	12	8	N4S121208	22	13.25	9.5	10.13	10.13	9	9	7.25	7.25	2	1	1
12	12	10	N4S121210	22	13.25	9.5	10.13	10.13	9	9	7.25	7.25	2	1	1
12	12	12	N4S121212	23	13.25	9.5	10.13	10.13	9	9	7.25	7.25	2	1	1
12	16	6	N4S121606	22	13.25	10	10.13	14.13	9	13	7.25	11.25	2	1	1
12	16	8	N4S121608	23	13.25	10	10.13	14.13	9	13	7.25	11.25	2	1	1
12	16	10	N4S121610	24	13.25	10	10.13	14.13	9	13	7.25	11.25	2	1	1
12	16	12	N4S121612	25	13.25	10	10.13	14.13	9	13	7.25	11.25	2	1	1
12	20	6	N4S122006	26	13.25	14	10.13	18.13	9	17	7.25	15.25	2	1	1
12	20	8	N4S122008	28	13.25	14	10.13	18.13	9	17	7.25	15.25	2	1	1
12	20	10	N4S122010	30	13.25	14	10.13	18.13	9	17	7.25	15.25	2	1	1
12	20	12	N4S122012	32	13.25	14	10.13	18.13	9	17	7.25	15.25	2	1	1
12	24	6	N4S122406	30	13.25	18	10.13	22.13	9	21	7.25	19.25	2	2	2
12	24	8	N4S122408	32	13.25	18	10.13	22.13	9	21	7.25	19.25	2	2	2
12	24	10	N4S122410	34	13.25	18	10.13	22.13	9	21	7.25	19.25	2	2	2
12	24	12	N4S122412	36	13.25	18	10.13	22.13	9	21	7.25	19.25	2	2	2
16	12	6	N4S161206	22	17.25	9.5	14.13	10.13	13	9	11.25	7.25	2	1	1
16	12	8	N4S161208	23	17.25	9.5	14.13	10.13	13	9	11.25	7.25	2	1	1
16	12	10	N4S161210	24	17.25	9.5	14.13	10.13	13	9	11.25	7.25	2	1	1
16	12	12	N4S161212	25	17.25	9.5	14.13	10.13	13	9	11.25	7.25	2	1	1
16	16	6	N4S161606	26	17.25	10	14.13	14.13	13	13	11.25	11.25	2	1	1
16	16	8	N4S161608	27	17.25	10	14.13	14.13	13	13	11.25	11.25	2	1	1
16	16	10	N4S161610	29	17.25	10	14.13	14.13	13	13	11.25	11.25	2	1	1

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NEMA 4X 304 STAINLESS STEEL SINGLE DOOR ENCLOSURE - SERIES N4S

H	W	D	Model	Weight	HA	WA	HB	WB	HC	WC	HD	WD	SIDE	TOP	BOTTOM
16	16	12	N4S161612	30	17.25	10	14.13	14.13	13	13	11.25	11.25	2	1	1
16	20	6	N4S162006	30	17.25	14	14.13	18.13	13	17	11.25	15.25	2	1	1
16	20	8	N4S162008	33	17.25	14	14.13	18.13	13	17	11.25	15.25	2	1	1
16	20	10	N4S162010	35	17.25	14	14.13	18.13	13	17	11.25	15.25	2	1	1
16	20	12	N4S162012	38	17.25	14	14.13	18.13	13	17	11.25	15.25	2	1	1
16	24	6	N4S162406	37	17.25	18	14.13	22.13	13	21	11.25	19.25	2	2	2
16	24	8	N4S162408	40	17.25	18	14.13	22.13	13	21	11.25	19.25	2	2	2
16	24	10	N4S162410	43	17.25	18	14.13	22.13	13	21	11.25	19.25	2	2	2
16	24	12	N4S162412	46	17.25	18	14.13	22.13	13	21	11.25	19.25	2	2	2
20	12	6	N4S201206	26	21.25	9.5	18.13	10.13	17	9	15.25	7.25	2	1	1
20	12	8	N4S201208	28	21.25	9.5	18.13	10.13	17	9	15.25	7.25	2	1	1
20	12	10	N4S201210	30	21.25	9.5	18.13	10.13	17	9	15.25	7.25	2	1	1
20	12	12	N4S201212	32	21.25	9.5	18.13	10.13	17	9	15.25	7.25	2	1	1
20	16	6	N4S201606	30	21.25	10	18.13	14.13	17	13	15.25	11.25	2	1	1
20	16	8	N4S201608	33	21.25	10	18.13	14.13	17	13	15.25	11.25	2	1	1
20	16	10	N4S201610	35	21.25	10	18.13	14.13	17	13	15.25	11.25	2	1	1
20	16	12	N4S201612	38	21.25	10	18.13	14.13	17	13	15.25	11.25	2	1	1
20	20	6	N4S202006	38	21.25	14	18.13	18.13	17	17	15.25	15.25	2	1	1
20	20	8	N4S202008	40	21.25	14	18.13	18.13	17	17	15.25	15.25	2	1	1
20	20	10	N4S202010	42	21.25	14	18.13	18.13	17	17	15.25	15.25	2	1	1
20	20	12	N4S202012	43	21.25	14	18.13	18.13	17	17	15.25	15.25	2	1	1
20	24	6	N4S202406	43	21.25	18	18.13	22.13	17	21	15.25	19.25	2	2	2
20	24	8	N4S202408	46	21.25	18	18.13	22.13	17	21	15.25	19.25	2	2	2

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NEMA 4X 304 STAINLESS STEEL SINGLE DOOR ENCLOSURE - SERIES N4S

H	W	D	Model	Weight	HA	WA	HB	WB	HC	WC	HD	WD	SIDE	TOP	BOTTOM
20	24	10	N4S202410	50	21.25	18	18.13	22.13	17	21	15.25	19.25	2	2	2
20	24	12	N4S202412	53	21.25	18	18.13	22.13	17	21	15.25	19.25	2	2	2
24	12	6	N4S241206	30	25.25	9.5	22.13	10.13	21	9	19.25	7.25	2	1	1
24	12	8	N4S241208	32	25.25	9.5	22.13	10.13	21	9	19.25	7.25	2	1	1
24	12	10	N4S241210	34	25.25	9.5	22.13	10.13	21	9	19.25	7.25	2	1	1
24	12	12	N4S241212	36	25.25	9.5	22.13	10.13	21	9	19.25	7.25	2	1	1
24	16	6	N4S241606	37	25.25	10	22.13	14.13	21	13	19.25	11.25	2	1	1
24	16	8	N4S241608	40	25.25	10	22.13	14.13	21	13	19.25	11.25	2	1	1
24	16	10	N4S241610	43	25.25	10	22.13	14.13	21	13	19.25	11.25	2	1	1
24	16	12	N4S241612	46	25.25	10	22.13	14.13	21	13	19.25	11.25	2	1	1
24	20	6	N4S242006	43	25.25	14	22.13	18.13	21	17	19.25	15.25	2	1	1
24	20	8	N4S242008	46	25.25	14	22.13	18.13	21	17	19.25	15.25	2	1	1
24	20	10	N4S242010	50	25.25	14	22.13	18.13	21	17	19.25	15.25	2	1	1
24	20	12	N4S242012	53	25.25	14	22.13	18.13	21	17	19.25	15.25	2	1	1
24	24	6	N4S242406	50	25.25	18	22.13	22.13	21	21	19.25	19.25	2	2	2
24	24	8	N4S242408	54	25.25	18	22.13	22.13	21	21	19.25	19.25	2	2	2
24	24	10	N4S242410	58	25.25	18	22.13	22.13	21	21	19.25	19.25	2	2	2
24	24	12	N4S242412	62	25.25	18	22.13	22.13	21	21	19.25	19.25	2	2	2
30	16	6	N4S301606	56	31.25	10	28.13	14.13	27	13	25.25	11.25	2	1	1
30	16	8	N4S301608	60	31.25	10	28.13	14.13	27	13	25.25	11.25	2	1	1
30	16	10	N4S301610	64	31.25	10	28.13	14.13	27	13	25.25	11.25	2	1	1
30	16	12	N4S301612	68	31.25	10	28.13	14.13	27	13	25.25	11.25	2	1	1
30	20	6	N4S302006	66	31.25	14	28.13	18.13	27	17	25.25	15.25	2	1	1

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NEMA 4X 304 STAINLESS STEEL SINGLE DOOR ENCLOSURE - SERIES N4S

H	W	D	Model	Weight	HA	WA	HB	WB	HC	WC	HD	WD	SIDE	TOP	BOTTOM
30	20	8	N4S302008	70	31.25	14	28.13	18.13	27	17	25.25	15.25	2	1	1
30	20	10	N4S302010	76	31.25	14	28.13	18.13	27	17	25.25	15.25	2	1	1
30	20	12	N4S302012	82	31.25	14	28.13	18.13	27	17	25.25	15.25	2	1	1
30	24	6	N4S302406	76	31.25	18	28.13	22.13	27	21	25.25	19.25	2	2	2
30	24	8	N4S302408	82	31.25	18	28.13	22.13	27	21	25.25	19.25	2	2	2
30	24	12	N4S302412	90	31.25	18	28.13	22.13	27	21	25.25	19.25	2	2	2
30	30	6	N4S303006	96	31.25	24	28.13	28.13	27	27	25.25	25.25	2	2	2
30	30	8	N4S303008	102	31.25	24	28.13	28.13	27	27	25.25	25.25	2	2	2
30	30	10	N4S303010	108	31.25	24	28.13	28.13	27	27	25.25	25.25	2	2	2
30	30	12	N4S303012	114	31.25	24	28.13	28.13	27	27	25.25	25.25	2	2	2
30	36	8	N4S303608	120	31.25	30	28.13	34.13	27	33	25.25	31.25	2	2	2
36	20	8	N4S362008	90	37.25	14	34.13	18.13	33	17	31.25	15.25	3	1	1
36	20	10	N4S362010	96	37.25	14	34.13	18.13	33	17	31.25	15.25	3	1	1
36	20	12	N4S362012	102	37.25	14	34.13	18.13	33	17	31.25	15.25	3	1	1
36	20	16	N4S362016	110	37.25	14	34.13	18.13	33	17	31.25	15.25	3	1	1
36	24	8	N4S362408	96	37.25	18	34.13	22.13	33	21	31.25	19.25	3	2	2
36	24	10	N4S362410	105	37.25	18	34.13	22.13	33	21	31.25	19.25	3	2	2
36	24	12	N4S362412	108	37.25	18	34.13	22.13	33	21	31.25	19.25	3	2	2
36	24	16	N4S362416	112	37.25	18	34.13	22.13	33	21	31.25	19.25	3	2	2
36	30	8	N4S363008	120	37.25	24	34.13	28.13	33	27	31.25	25.25	3	2	2
36	30	10	N4S363010	124	37.25	24	34.13	28.13	33	27	31.25	25.25	3	2	2
36	30	12	N4S363012	132	37.25	24	34.13	28.13	33	27	31.25	25.25	3	2	2
36	30	16	N4S363016	140	37.25	24	34.13	28.13	33	27	31.25	25.25	3	2	2

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NEMA 4X 304 STAINLESS STEEL SINGLE DOOR ENCLOSURE - SERIES N4S

H	W	D	Model	Weight	HA	WA	HB	WB	HC	WC	HD	WD	SIDE	TOP	BOTTOM
36	36	8	N4S363608	142	37.25	30	34.13	34.13	33	33	31.25	31.25	3	3	3
36	36	10	N4S363610	148	37.25	30	34.13	34.13	33	33	31.25	31.25	3	3	3
36	36	12	N4S363612	156	37.25	30	34.13	34.13	33	33	31.25	31.25	3	3	3
36	36	16	N4S363616	166	37.25	30	34.13	34.13	33	33	31.25	31.25	3	3	3
42	24	8	N4S422408	110	43.25	18	40.13	22.13	39	21	37.25	19.25	3	2	2
42	24	10	N4S422410	116	43.25	18	40.13	22.13	39	21	37.25	19.25	3	2	2
42	24	12	N4S422412	124	43.25	18	40.13	22.13	39	21	37.25	19.25	3	2	2
42	24	16	N4S422416	134	43.25	18	40.13	22.13	39	21	37.25	19.25	3	2	2
42	30	8	N4S423008	132	43.25	24	40.13	28.13	39	27	37.25	25.25	3	2	2
42	30	10	N4S423010	140	43.25	24	40.13	28.13	39	27	37.25	25.25	3	2	2
42	30	12	N4S423012	150	43.25	24	40.13	28.13	39	27	37.25	25.25	3	2	2
42	30	16	N4S423016	162	43.25	24	40.13	28.13	39	27	37.25	25.25	3	2	2
42	36	8	N4S423608	182	43.25	30	40.13	34.13	39	33	37.25	31.25	3	3	3
42	36	10	N4S423610	192	43.25	30	40.13	34.13	39	33	37.25	31.25	3	3	3
42	36	12	N4S423612	198	43.25	30	40.13	34.13	39	33	37.25	31.25	3	3	3
42	36	16	N4S423616	214	43.25	30	40.13	34.13	39	33	37.25	31.25	3	3	3
48	24	8	N4S482408	122	49.25	18	46.13	22.13	45	21	43.25	19.25	3	2	2
48	24	10	N4S482410	131	49.25	18	46.13	22.13	45	21	43.25	19.25	3	2	2
48	24	12	N4S482412	143	49.25	18	46.13	22.13	45	21	43.25	19.25	3	2	2
48	24	16	N4S482416	157	49.25	18	46.13	22.13	45	21	43.25	19.25	3	2	2
48	30	8	N4S483008	162	49.25	24	46.13	28.13	45	27	43.25	25.25	3	2	2
48	30	10	N4S483010	173	49.25	24	46.13	28.13	45	27	43.25	25.25	3	2	2
48	30	12	N4S483012	187	49.25	24	46.13	28.13	45	27	43.25	25.25	3	2	2

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NEMA 4X 304 STAINLESS STEEL SINGLE DOOR ENCLOSURE - SERIES N4S

H	W	D	Model	Weight	HA	WA	HB	WB	HC	WC	HD	WD	SIDE	TOP	BOTTOM
48	30	16	N4S483016	204	49.25	24	46.13	28.13	45	27	43.25	25.25	3	2	2
48	36	8	N4S483608	201	49.25	30	46.13	34.13	45	33	43.25	31.25	3	3	3
48	36	10	N4S483610	208	49.25	30	46.13	34.13	45	33	43.25	31.25	3	3	3
48	36	12	N4S483612	222	49.25	30	46.13	34.13	45	33	43.25	31.25	3	3	3
48	36	16	N4S483616	238	49.25	30	46.13	34.13	45	33	43.25	31.25	3	3	3
48	36	18	N4S483618	238	49.25	30	46.13	34.13	45	33	43.25	31.25	3	3	3

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