

Type 4 Disconnect Enclosures

Type 4 Disconnect Enclosures

Saginaw Control & Engineering's Type 4 Disconnect Enclosures are designed to work in a wide range of environments indoors or outdoors, and will house most standard types of disconnects and circuit breakers as well as electronic controls, instruments, and components.

These enclosures provide protection from wind blown dust, rain, splashing water, hose directed water and ice formation on the enclosure.

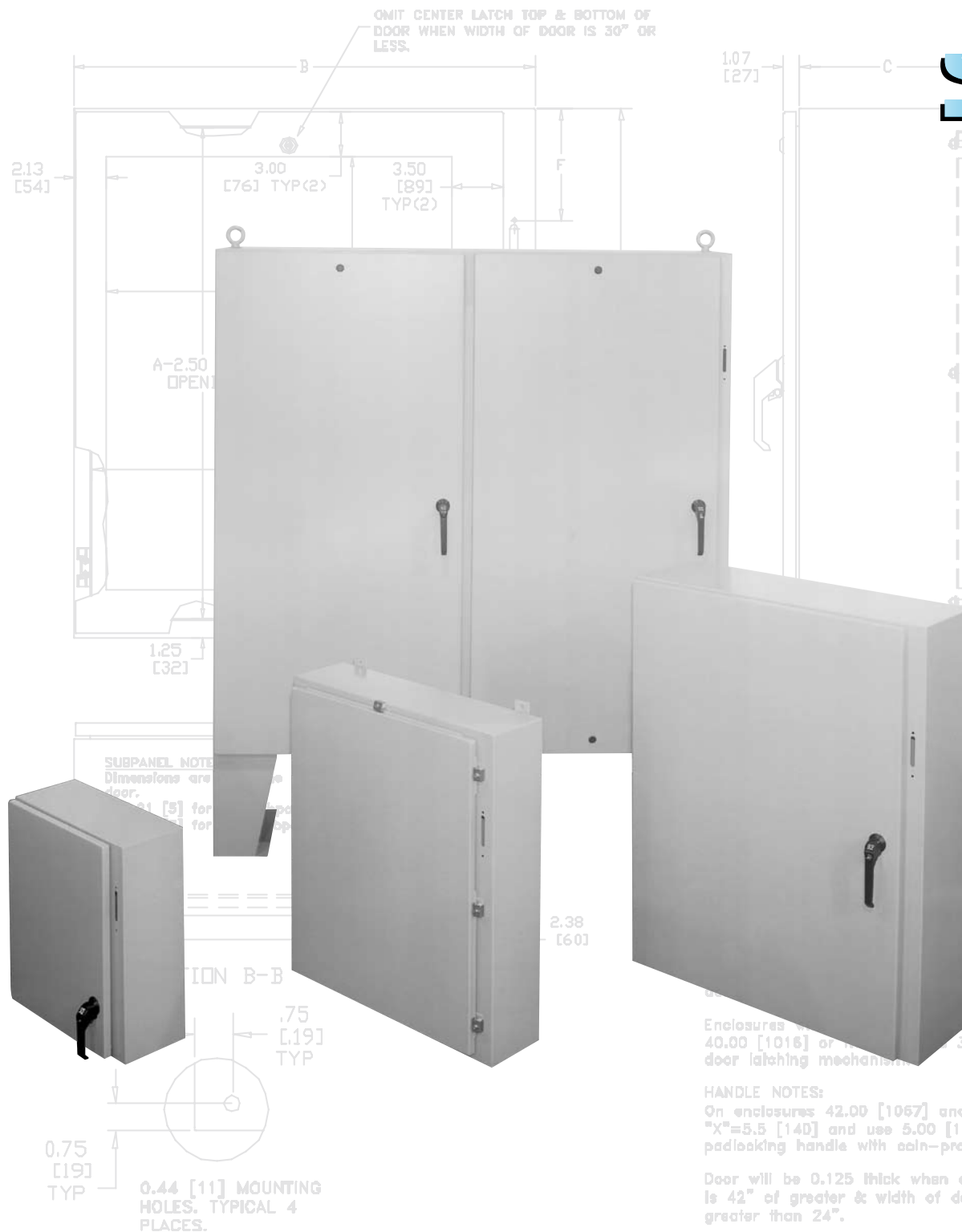
Product Attributes

- ANSI-61 gray powder coated finish.
- Provides provisions for flange-mounted disconnects and circuit breakers.
- Exclusive SCE concealed hinges on Enviroline® Series Enclosures.
- Memory retaining oil resistant urethane gasket.
- Any of the standard SCE quarter turn replacement latches and handles can be used on Enviroline® Series Enclosures.

Product Overview

- Enviroline® Series Single-Door Enclosures for Flange-Mounted Disconnects.
- Single-Door Enclosures for Flange-Mounted Disconnects
- Enviroline® Series Two-Door Enclosures for Flange-Mounted Disconnects.

Type 4 Disconnect Enclosures



TYPE 4

Enviroline® Series

**Single-Door Enclosures For
Flange-Mounted Disconnects****Application -**

Designed to house most standard type disconnects. See Disconnect Selection Guide to verify compatibility of a specific disconnect or circuit breaker, and for wire bend space. For installation information, consult our Installation Manual at www.saginawcontrol.com. For outdoor application a drip shield is recommended.

Construction -

- 0.075" carbon steel.
- Seams continuously welded and ground smooth.
- Flange trough collar around all sides of door opening.
- Oil-resistant gasket.
- Collar studs provided for mounting optional panels.
- Disconnect cutout provided on flange.
- Concealed hinge.
- Doors are interchangeable and easily removed by pulling hinge pins.
- 3-point latching mechanism.
- Latches are opened or closed with a screwdriver (optional tamper-resistant inserts are available)
- Mounting holes on back of enclosure.
- Mounting hardware, sealing washer and hole plug included.
- Ground studs on door and body.
- Black zinc die cast coinproof/padlocking handle.

Disconnect switch (or circuit breaker) and operating mechanism are not furnished with this enclosure.

Finish -

ANSI-61 gray powder coating inside and out. Optional panels are powder coated white.

Industry Standards -

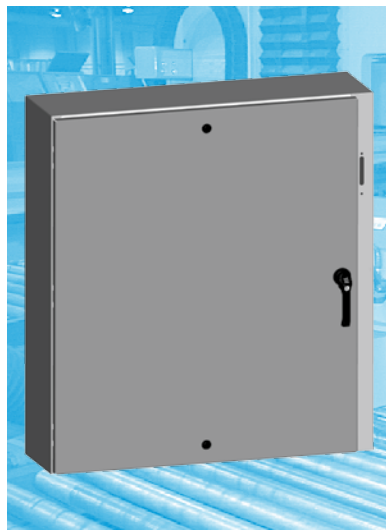
NEMA Type 4, 12 & 13
UL Listed Type 4 & 12
CSA Type 4 & 12
IEC 60529 IP66

TYPE 4 ENVIROLINE® SERIES SINGLE-DOOR ENCLOSURES FOR FLANGE-MOUNTED DISCONNECTS

ENCLOSURES						SUB-PANEL				
Catalog No.	Height (A)	Width (B)	Depth (C)	Product Code	List Price	Catalog No.	Panel Height (D)	Panel Width (E)	Product Code	List Price
SCE-20XEL2108LP	20.00	21.38	8.00	E3	349.36	SCE-20P20	17.00	17.00	P3	35.44
⚡ SCE-20XEL2110LP	20.00	21.38	10.00	E3	367.82	SCE-20P20	17.00	17.00	P3	35.44
SCE-24XEL2108LP	24.00	21.38	8.00	E3	376.43	SCE-24P20	21.00	17.00	P3	45.57
SCE-24XEL2508LP	24.00	25.38	8.00	E3	405.95	SCE-24P24	21.00	21.00	P3	53.18
SCE-24XEL2510LP	24.00	25.38	10.00	E3	425.65	SCE-24P24	21.00	21.00	P3	53.18
SCE-30XEL2508LP	30.00	25.38	8.00	E3	450.25	SCE-30P24	27.00	21.00	P3	63.29
SCE-30XEL2510LP	30.00	25.38	10.00	E3	473.62	SCE-30P24	27.00	21.00	P3	63.29
SCE-36XEL2508LP	36.00	25.38	8.00	E3	496.98	SCE-36P24	33.00	21.00	P3	75.96
SCE-36XEL2510LP	36.00	25.38	10.00	E3	521.58	SCE-36P24	33.00	21.00	P3	75.96
SCE-36XEL3108LP	36.00	31.38	8.00	E3	554.81	SCE-36P30	33.00	27.00	P3	101.27
SCE-36XEL3110LP	36.00	31.38	10.00	E3	586.79	SCE-36P30	33.00	27.00	P3	101.27
SCE-36XEL3112LP	36.00	31.38	12.00	E3	618.78	SCE-36P30	33.00	27.00	P3	101.27
SCE-36XEL3116LP	36.00	31.38	16.00	E3	675.37	SCE-36P30	33.00	27.00	P3	101.27
SCE-42XEL3110LP	42.00	31.38	10.00	E3	642.15	SCE-42P30	39.00	27.00	P3	116.47
SCE-42XEL3112LP	42.00	31.38	12.00	E3	676.59	SCE-42P30	39.00	27.00	P3	116.47
⚡ SCE-42XEL3116LP	42.00	31.38	16.00	E3	735.64	SCE-42P30	39.00	27.00	P3	116.47
SCE-42XEL3710LP	42.00	37.38	10.00	E3	699.97	SCE-42P36	39.00	33.00	P3	136.72
SCE-42XEL3712LP	42.00	37.38	12.00	E3	752.87	SCE-42P36	39.00	33.00	P3	136.72
SCE-42XEL3716LP	42.00	37.38	16.00	E3	826.68	SCE-42P36	39.00	33.00	P3	136.72
SCE-48XEL3710LP	48.00	37.38	10.00	E3	778.70	SCE-48P36	45.00	33.00	P3	154.46
SCE-48XEL3712LP	48.00	37.38	12.00	E3	820.53	SCE-48P36	45.00	33.00	P3	154.46
SCE-48XEL3716LP	48.00	37.38	16.00	E3	889.41	SCE-48P36	45.00	33.00	P3	154.46
SCE-60XEL3710LP	60.00	37.38	10.00	E3	907.87	SCE-60P36	57.00	33.00	P3	189.89
SCE-60XEL3712LP	60.00	37.38	12.00	E3	953.38	SCE-60P36	57.00	33.00	P3	189.89
⚡ SCE-60XEL3712LP4*	60.00	37.38	12.00	E3	953.38	SCE-60P36	57.00	33.00	P3	189.89
SCE-60XEL3716LP	60.00	37.38	16.00	E3	1,040.74	SCE-60P36	57.00	33.00	P3	189.89

*Indicates provision for 400 amp disconnect.

⚡ Available within 10 working days if not in stock



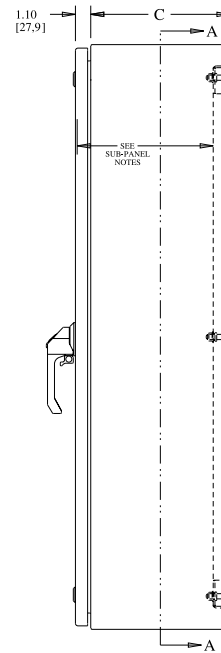
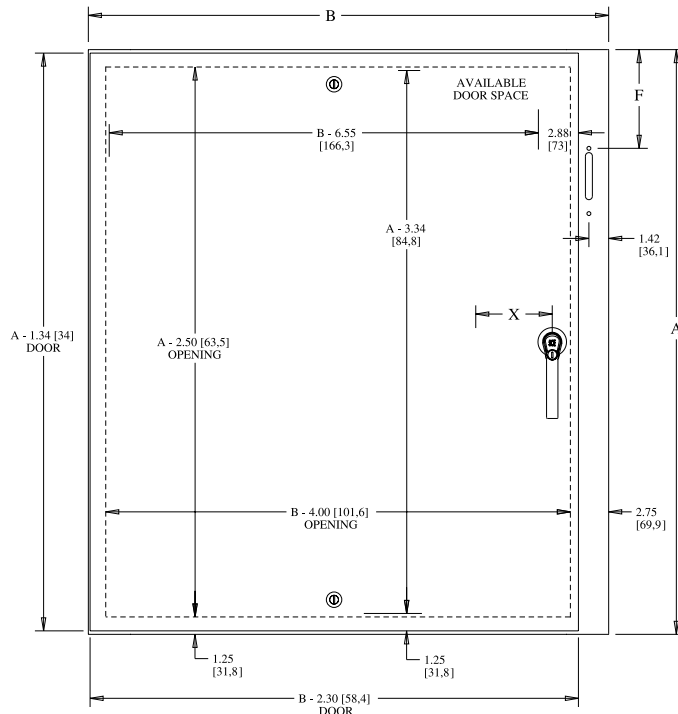
Phone (989) 799-6871

Fax (989) 799-4524



TYPE 4 ENVIROLINE® SERIES SINGLE-DOOR ENCLOSURES FOR FLANGE-MOUNTED DISCONNECTS

TECHNICAL DATA



SUB-PANEL NOTES:

Dimensions are from the inside of the door.

C + .32 [8,1] for flat sub-panels

C - .18 [4,5] for bent sub-panels

DISCONNECT NOTES:

F = 4.75 [121] when C = 8.00 [203]

F = 7.09 [180] when C = 10.00 [254]

F = 11.62 [295] when C = 12.00 [304]

F = 11.62 [295] when C = 16.00 [406]

F = 18.38 [467] for SCE-60XEL3712LP4

LATCH NOTES:

Omit center latch top and bottom of door when door width is ≤ 30.00 " [762]

HANDLE NOTES:

On enclosures ≤ 42.00 [1067]

X = 5.50 [140] and use 5.00 [127]

padlocking handle with coin-proof.

On enclosures > 42.00 [1067]

X = 6.75 [171] and use 7.00 [178]

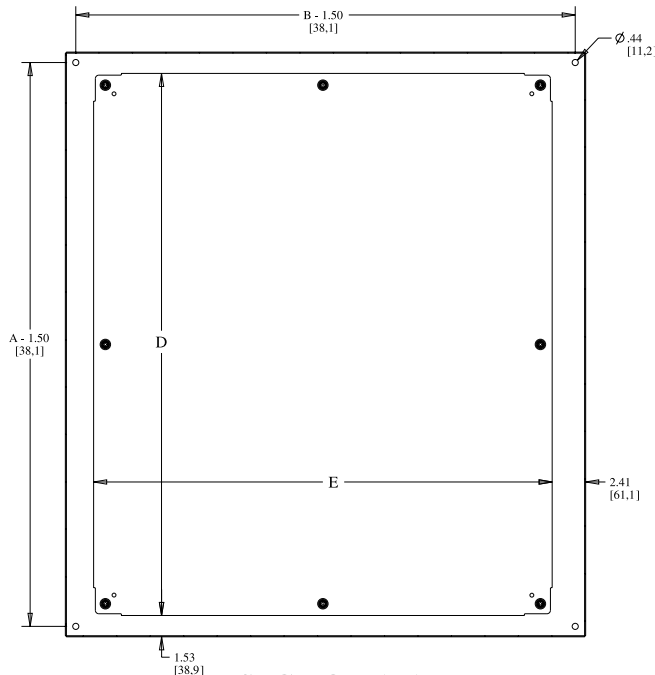
padlocking handle with coin-proof.

Enclosures with a height dimension < 40.00 [1016] have a 2-point door closing mechanism.

Enclosures with a height dimension of ≥ 40.00 [1016] have a 3-point door latching mechanism.

CONSTRUCTION NOTES:

Door will be 0.125 [3,1] thick material when enclosure height is ≥ 42.00 and door width is > 24.00



SECTION A-A

TYPE 4

Single-Door Enclosures For Flange-Mounted Disconnects

Application -

Designed to house most standard type disconnects. See Disconnect Selection Guide to verify compatibility of a specific disconnect or circuit breaker, and for wire bend space. For installation information, consult our Installation Manual at www.saginawcontrol.com. For outdoor application a drip shield is recommended.

Construction -

- 0.075" carbon steel.
- Seams continuously welded and ground smooth.
- Continuous hinge with stainless steel hinge pin.
- Stainless steel clamps on three sides of door.
- Flange trough collar around all sides of door opening.
- Interior print pocket.
- Collar studs provided for mounting optional panels.
- Oil-resistant door gasket.
- Disconnect cutout provided on flange.
- Ground stud on door.
- No stiffener required.

Disconnect switch (or circuit breaker) and operating mechanism are not furnished with this enclosure.

Finish -

ANSI-61 gray powder coating inside and out. Optional panels are powder coated white.

Industry Standards -

NEMA Type 4, 12, & 13
UL Listed Type 4 & 12
CSA Type 4 & 12
IEC 60529 IP 66

TYPE 4 SINGLE-DOOR ENCLOSURES FOR FLANGE-MOUNTED DISCONNECTS

ENCLOSURES						SUB-PANEL				
Catalog No.	Height (A)	Width (B)	Depth (C)	Product Code	List Price	Catalog No.	Panel Height (D)	Panel Width (E)	Product Code	List Price
SCE-24HS2108LP	24.00	21.38	8.00	A3	456.48	SCE-24P20	21.00	17.00	P3	45.57
SCE-24HS2508LP	24.00	25.38	8.00	A3	494.10	SCE-24P24	21.00	21.00	P3	53.18
SCE-30HS2508LP	30.00	25.38	8.00	A3	546.77	SCE-30P24	27.00	21.00	P3	63.29
SCE-36HS2508LP	36.00	25.38	8.00	A3	601.95	SCE-36P24	33.00	21.00	P3	75.96
SCE-36HS3108LP	36.00	31.38	8.00	A3	677.19	SCE-36P30	33.00	27.00	P3	101.27
SCE-36HS3112LP	36.00	31.38	12.00	A3	749.93	SCE-36P30	33.00	27.00	P3	101.27
SCE-42HS3112LP	42.00	31.38	12.00	A3	822.67	SCE-42P30	39.00	27.00	P3	116.47
SCE-42HS3712LP	42.00	37.38	12.00	A3	915.47	SCE-42P36	39.00	33.00	P3	136.72
SCE-48HS3712LP	48.00	37.38	12.00	A3	995.72	SCE-48P36	45.00	33.00	P3	154.46
SCE-60HS3712LP	60.00	37.38	12.00	A3	1,158.75	SCE-60P36	57.00	33.00	P3	189.89

For a more cost effective alternative see Page 147.



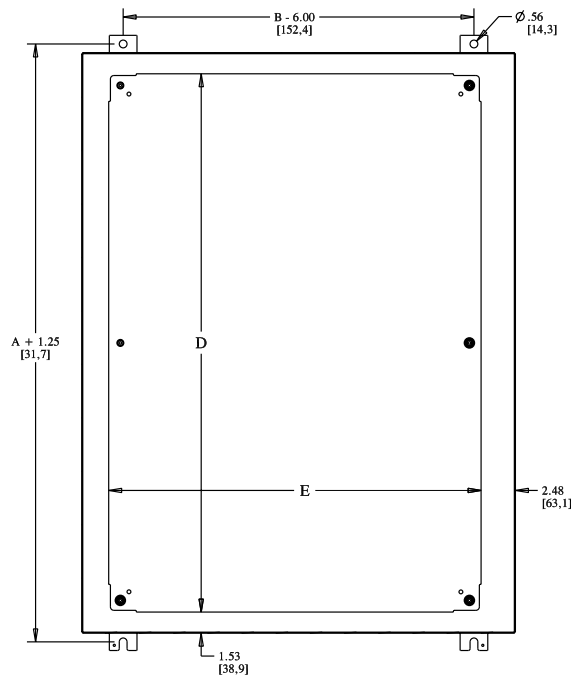
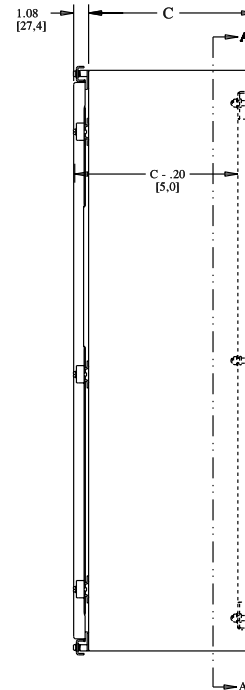
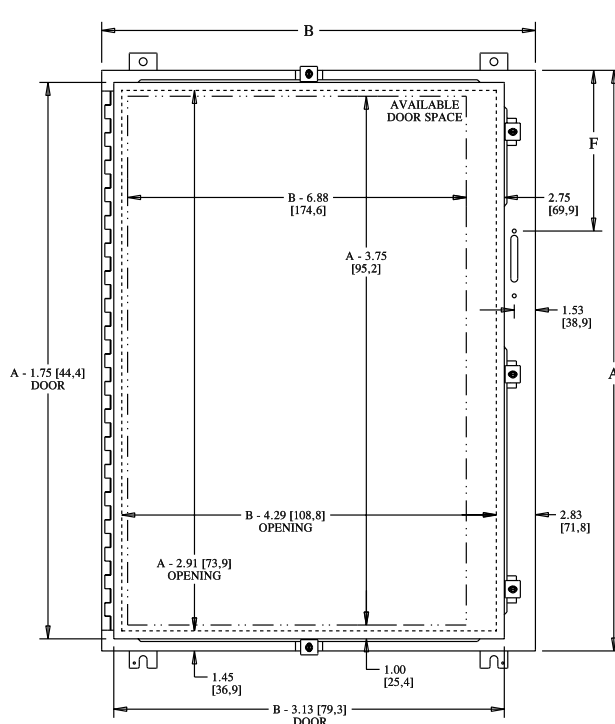
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TYPE 4 SINGLE-DOOR ENCLOSURES FOR FLANGE-MOUNTED DISCONNECTS

TECHNICAL DATA



SECTION A-A

DISCONNECT NOTES:

F = 8.63 [219] when C = 8.00 [203]

F = 11.63 [295] when C = 12.00 [304]

CLAMPING NOTE:Enclosures > 44.00 [1117] in height
require a fourth clamp located vertically
on door

TYPE 4

Enviroline® Series Two-Door Enclosures For Flange-Mounted Disconnects

Application -

Designed to house most standard type disconnects. See Disconnect Selection Guide to verify compatibility of specific disconnect or circuit breaker, and for wire bend space. For installation information, consult our Installation Manual at www.saginawcontrol.com. For outdoor application a drip shield is recommended.

Construction -

- 0.104" carbon steel.
- Seams continuously welded and ground smooth.
- Flange trough collar around all sides of door opening.
- Oil-resistant gasket.
- Concealed hinge.
- Removable and interchangeable doors.
- 3-point latching mechanism.
- Removable print pocket.
- Lifting eyes for easy handling.
- Ground studs on door and body.
- Collar studs provided for mounting optional panels.
- 15" removable floor stands.
- Removable center post.
- Mechanical interlock
- No door stiffeners required.
- Black zinc die cast coinproof/padlocking handle on main door with black zinc die cast padlocking handle on slave door.

Disconnect switch (or circuit breaker) and operating mechanism are not furnished with this enclosure.

Finish -

ANSI-61 gray powder coating inside and out. Optional panels are powder coated.

Industry Standards -

NEMA Type 4, 12, & 13
UL Listed Type 4 & 12
CSA Type 4 & 12
IEC 60529 IP 66

TYPE 4 ENVIROLINE® SERIES TWO-DOOR ENCLOSURES WITH PROVISIONS FOR FLANGE-MOUNTED DISCONNECTS

ENCLOSURES						SUB-PANEL				
Catalog No.	Height (A)	Width (B)	Depth (C)	Product Code	List Price	Catalog No.	Panel Height (D)	Panel Width (E)	Product Code	List Price
SCE-60XEL4912LP	60.00	49.00	12.00	A2	2,142.65	SCE-60P48	56.00	44.00	P3	268.38
SCE-60XEL4918LP	60.00	49.00	18.00	A2	2,333.74	SCE-60P48	56.00	44.00	P3	268.38
SCE-60XEL4924LP	60.00	49.00	24.00	A2	2,524.84	SCE-60P48	56.00	44.00	P3	268.38
SCE-60XEL6112LP	60.00	61.00	12.00	A2	2,395.85	SCE-60P60	56.00	56.00	P3	331.68
SCE-60XEL6118LP	60.00	61.00	18.00	A2	2,609.64	SCE-60P60	56.00	56.00	P3	331.68
SCE-60XEL6124LP	60.00	61.00	24.00	A2	2,823.42	SCE-60P60	56.00	56.00	P3	331.68
SCE-72XEL6112LP	72.00	61.00	12.00	A2	2,653.84	SCE-72P60	68.00	56.00	P3	394.98
SCE-72XEL6118LP	72.00	61.00	18.00	A2	2,883.15	SCE-72P60	68.00	56.00	P3	394.98
SCE-72XEL7312LP	72.00	73.00	12.00	A2	3,036.06	SCE-72P72	68.00	68.00	P3	470.93
SCE-72XEL7318LP	72.00	73.00	18.00	A2	3,298.10	SCE-72P72	68.00	68.00	P3	470.93
SCE-72XEL7324LP	72.00	73.00	24.00	A2	3,561.36	SCE-72P72	68.00	68.00	P3	470.93



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Type 4 Disconnect Enclosures

