

# Heavy-Duty Enclosures

## Type 12 Free Standing Disconnect with Sub Panel

**APPLICATIONS** - Designed to provide protection for electrical instruments, terminals, and controls from dust, oil, dirt and dripping liquids.

**CONSTRUCTION** - Fabricated from 10 gauge carbon steel with continuously welded seams. Enclosure features:

- Single or multiple doors secured with continuous hinges with removable hinge pins.
- Black zinc anodized padlocking defearer handle, three point latching system, and overhead mechanical interlock.
- Adhesive backed, oil resistant gasket applied to the doors.
- Print pocket.
- Heavy-duty lifting eyes.
- Ground studs inside cabinet and door.

- Collar studs provided for mounting optional sub panels.
- Body stiffeners for extra rigidity.
- 5-door will be split into 3-door and 2-door sections to be shipped assembled or separate.
- Universal cutout provides mounting for most disconnect operators by using Adapter Kits.

**FINISH** - Standard RAL 7035 texture polyester powder coat finish on interior and exterior of enclosures. Recoatable, smooth, white or ANSI-61 gray available at no charge. Standard RAL and custom match finishes available for an additional charge, please contact Schaefer's Electrical Enclosures, Inc. for further assistance. All powder coat finishes applied over cleaned phosphatized surfaces. Carbon

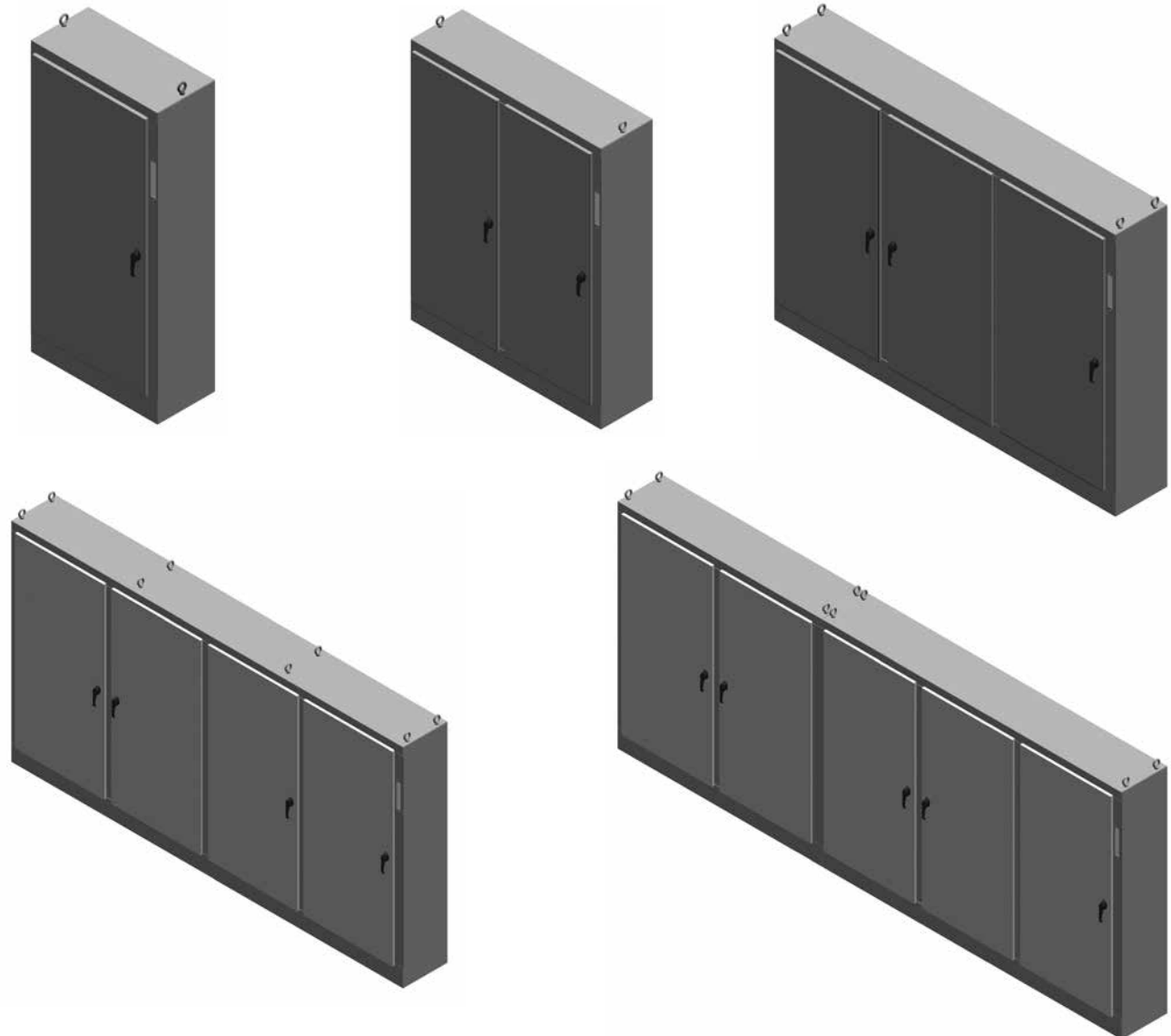
steel sub panels have a white polyester powder coat finish.

**OPTIONS** - Schaefer's Electrical Enclosures, Inc. can modify standard enclosures or custom design enclosures according to your specifications. Holes, cutouts, sizes, materials, and many more options are available. Quotations upon request.

### INDUSTRY STANDARDS

- UL 50 Listed
- CUL 50 Listed
- Type 12

**NOTE** - Adapter plates must be ordered separately. See page 126 for ordering information.



Catalog Number	Doors	Enclosure Size H x W x D (inches)	Shpg. Wt.	Sub Panel Part Number A	Sub Panel Size H x W (inches)	Sub Panel Part Number B	Sub Panel Size H x W (inches)
Single Door							
SP-72XM2818AF	1	72 x 28.25 x 18	368	SPP-60X21.75	60 x 21.75	-	-
SP-72XM3418AF	1	72 x 34.25 x 18	430	SPP-60X27.75	60 x 27.75	-	-
SP-72XM4018AF	1	72 x 40.25 x 18	559	SPP-60X33.75	60 x 33.75	-	-
SP-84XM4018AF	1	84 x 40.25 x 18	630	SPP-72X33.75	72 x 33.75	-	-
SP-90XM4018AF	1	90 x 40.25 x 18	750	SPP-78X33.75	78 x 33.75	-	-
SP-90XM4020AF	1	90 x 40.25 x 20	865	SPP-78X33.75	78 x 33.75	-	-
SP-84XM4024AF	1	84 x 40.25 x 24	750	SPP-72X33.75	72 x 33.75	-	-
SP-90XM4024AF	1	90 x 40.25 x 24	910	SPP-78X33.75	78 x 33.75	-	-
Double Door							
SP-72XM5418AF	2	72 x 54.5 x 18	695	SPP-60X48	60 x 48	-	-
SP-72XM6618AF	2	72 x 66.5 x 18	815	SPP-60X60	60 x 60	-	-
SP-72XM7818AF	2	72 x 78.5 x 18	895	SPP-60X72	60 x 72	-	-
SP-84XM7818AF	2	84 x 78.5 x 18	1200	SPP-72X72	72 x 72	-	-
SP-90XM7818AF	2	90 x 78.5 x 18	1250	SPP-78X72	78 x 72	-	-
SP-90XM7820AF	2	90 x 78.5 x 20	1330	SPP-78X72	78 x 72	-	-
SP-72XM7824AF	2	72 x 78.5 x 24	965	SPP-60X72	60 x 72	-	-
SP-84XM7824AF	2	84 x 78.5 x 24	1200	SPP-72X72	72 x 72	-	-
SP-90XM7824AF	2	90 x 78.5 x 24	1392	SPP-78X72	78 x 72	-	-
Three Door							
SP-72XM3EQ18AF	3	72 x 100.75 x 18	1330	SPP-60X60	60 x 60	(1) SPP-60X27.75	60 x 27.75
SP-72XM3EW18AF	3	72 x 118.75 x 18	1540	SPP-60X72	60 x 72	(1) SPP-60X33.75	60 x 33.75
SP-84XM3EW18AF	3	84 x 118.75 x 18	1750	SPP-72X72	72 x 72	(1) SPP-72X33.75	72 x 33.75
SP-84XM3EW24AF	3	84 x 118.75 x 24	1836	SPP-72X72	72 x 72	(1) SPP-72X33.75	72 x 33.75
SP-90XM3EW24AF	3	90 x 118.75 x 24	1950	SPP-78X72	78 x 72	(1) SPP-78X33.75	78 x 33.75
Four Door							
SP-84XM4EW18AF	4	84 x 158 x 18	2300	(2) SPP-72X72	72 x 72	-	-
SP-90XM4EW18AF	4	90 x 158 x 18	2400	(2) SPP-78X72	78 x 72	-	-
SP-84XM4EW24AF	4	84 x 158 x 24	2536	(2) SPP-72X72	72 x 72	-	-
SP-90XM4EW24AF	4	90 x 158 x 24	2600	(2) SPP-78X72	78 x 72	-	-
Five Door							
SP-84XM5EW18AF	5	84 x 197.75 x 18	2580	(2) SPP-72X72	72 x 72	(1) SPP-72X33.75	72 x 33.75
SP-90XM5EW18AF	5	90 x 197.75 x 18	2800	(2) SPP-78X72	78 x 72	(1) SPP-78X33.75	78 x 33.75
SP-84XM5EW24AF	5	84 x 197.75 x 24	2830	(2) SPP-72X72	72 x 72	(1) SPP-72X33.75	72 x 33.75
SP-90XM5EW24AF	5	90 x 197.75 x 24	2900	(2) SPP-78X72	78 x 72	(1) SPP-78X33.75	78 x 33.75

**NOTE:** Reference page 124 for sub panel layout.

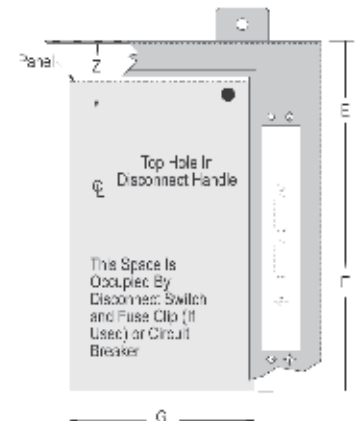
### Space Occupied By Disconnects

Note:

- E = 11.88 [302] when H = 72 [1778]
- E = 17.88 [454] when H = 84 [2134], except 400 Amp or 600 Amp switches
- E = 20.88 [530] when H = 90 [2286], except 400 Amp or 600 Amp switches
- E = 16.43 [417] when H = 84 [2134], 400 Amp and 600 Amp switches only
- E = 19.43 [494] when H = 90 [2286], 400 Amp and 600 Amp switches only

Allen Bradley 1494F only

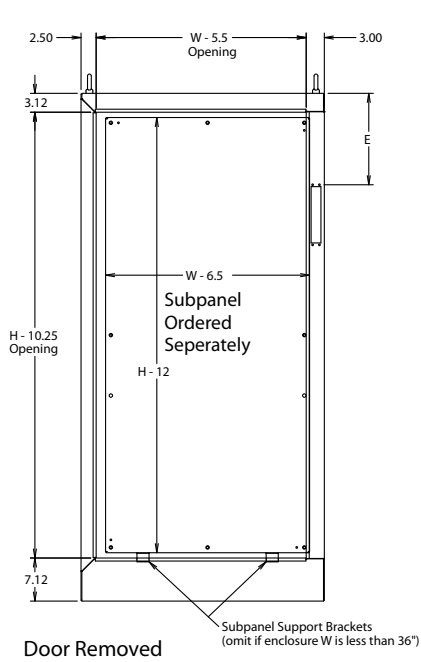
- E = 9.88 [251] when H = 72 [1778], except 200 Amp switch
  - E = 15.88 [403] when H = 84 [2134], except 200 Amp switch
  - E = 18.80 [478] when H = 90 [2286], except 200 Amp switch
  - E = 8.56 [217] when H = 72 [1778], 200 Amp switch only
  - E = 14.56 [370] when H = 84 [2134], 200 Amp switch only
  - E = 17.56 [446] when H = 90 [2286], 200 Amp switch only
- Z = Wire Bend Spacing



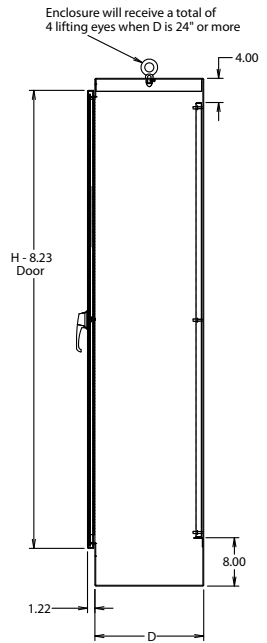
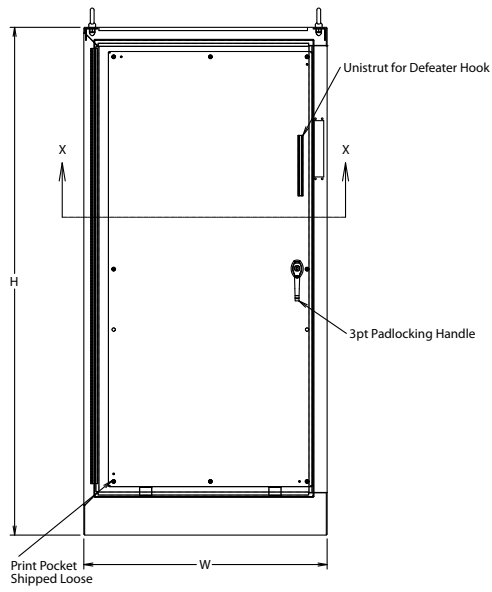
See charts on pages 98-104 for "F", "G", and "Z" dimensions which cover space occupied by disconnect and wire bend spacing. Disconnects occupy the space indicated by "E", "F", and "G".

# Heavy-Duty Enclosures

## Type 12 Free Standing Disconnect with Sub Panel

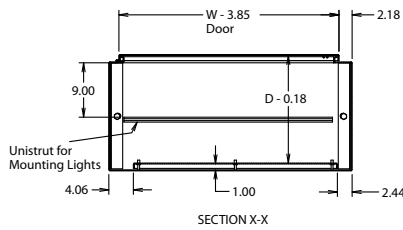


### SP Single Door

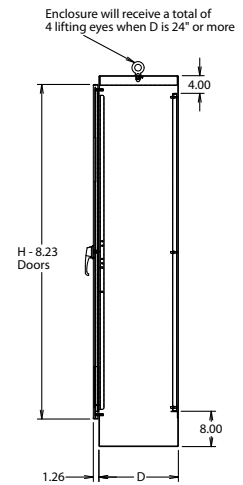
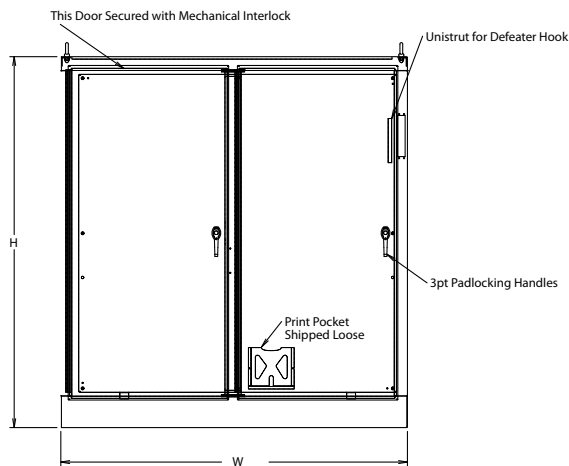
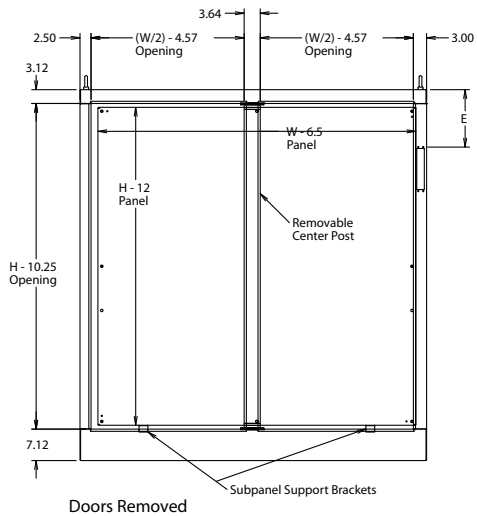


#### NOTES:

- 9" x 9" print pocket shipped inside enclosure.

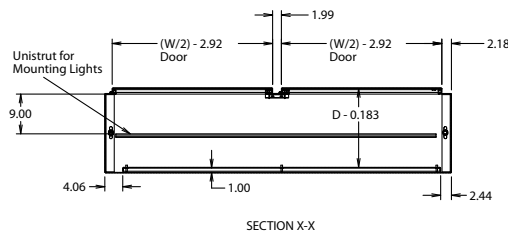


### SP Double Door



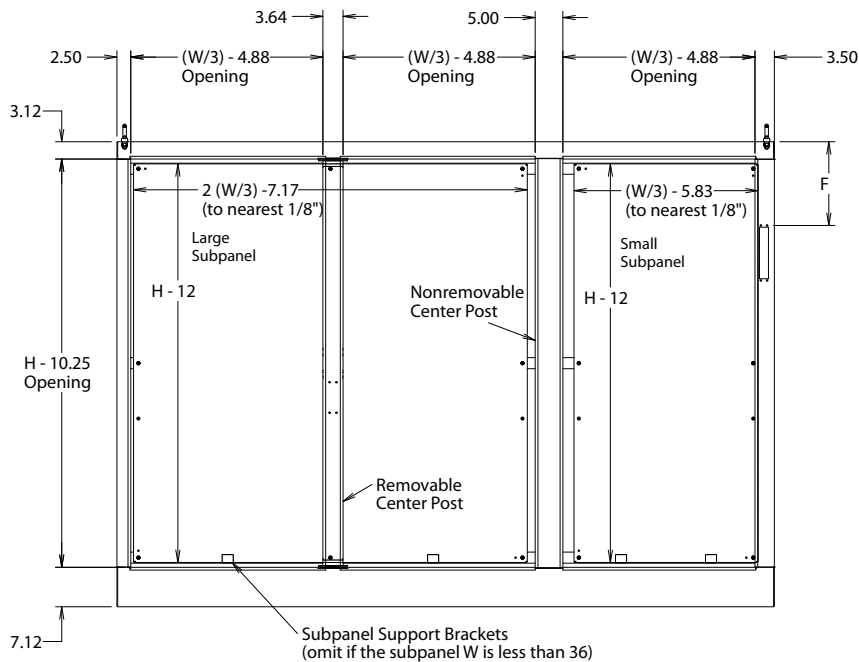
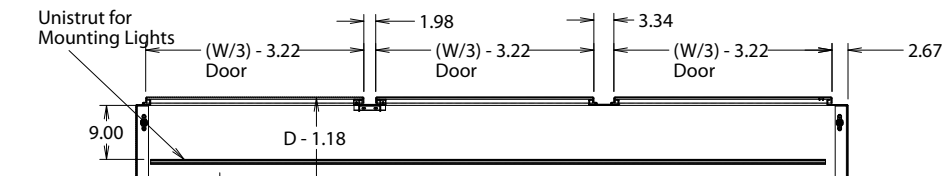
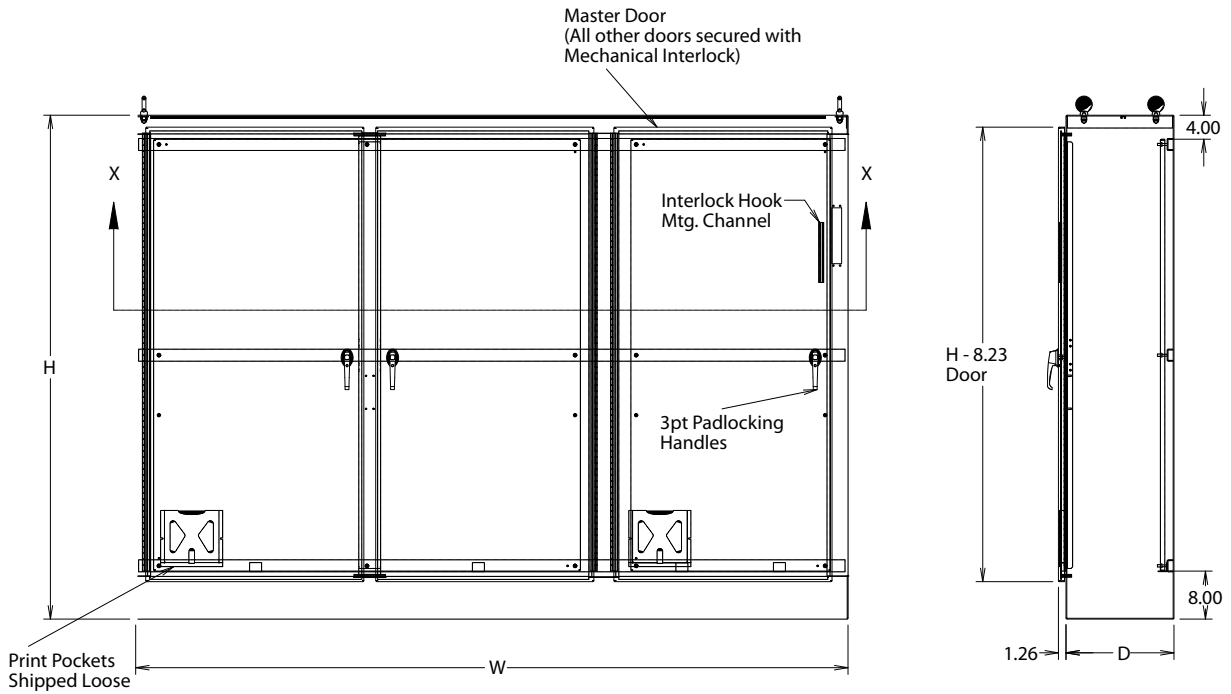
#### NOTES:

- 9" x 9" print pocket shipped inside enclosure.



**SP Three Door**

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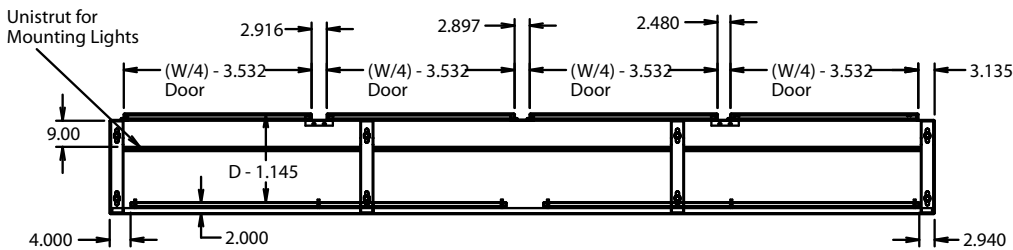
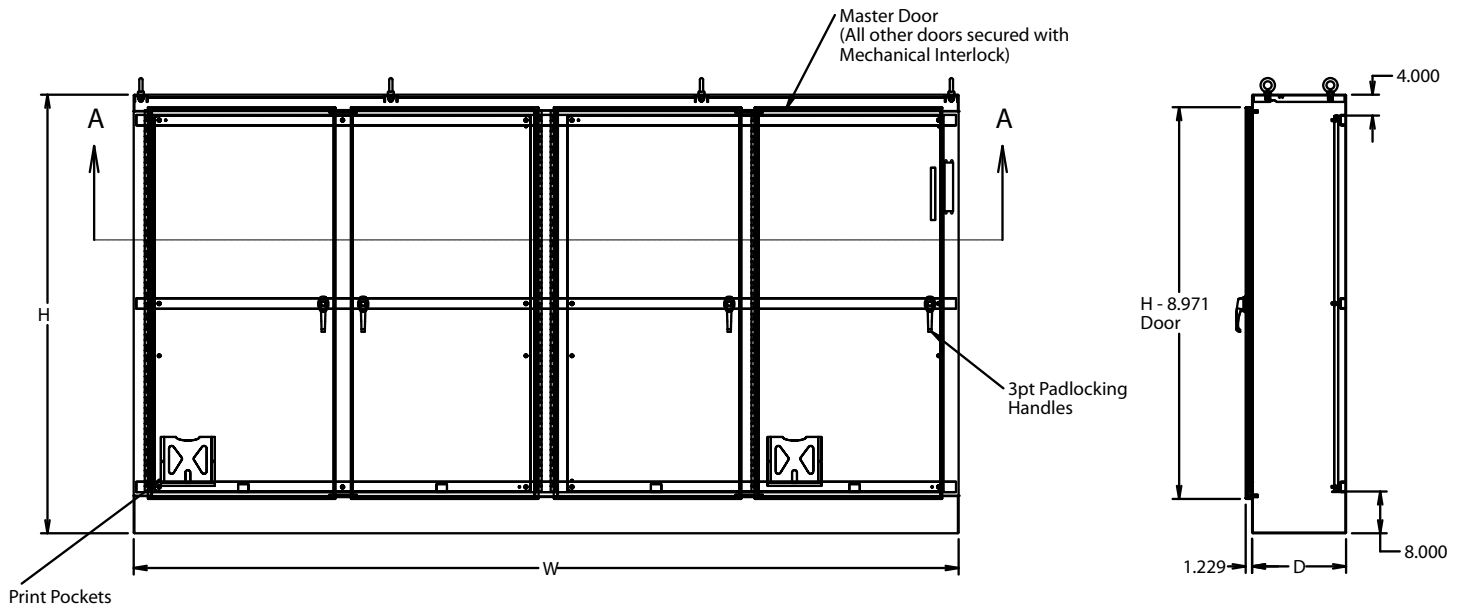
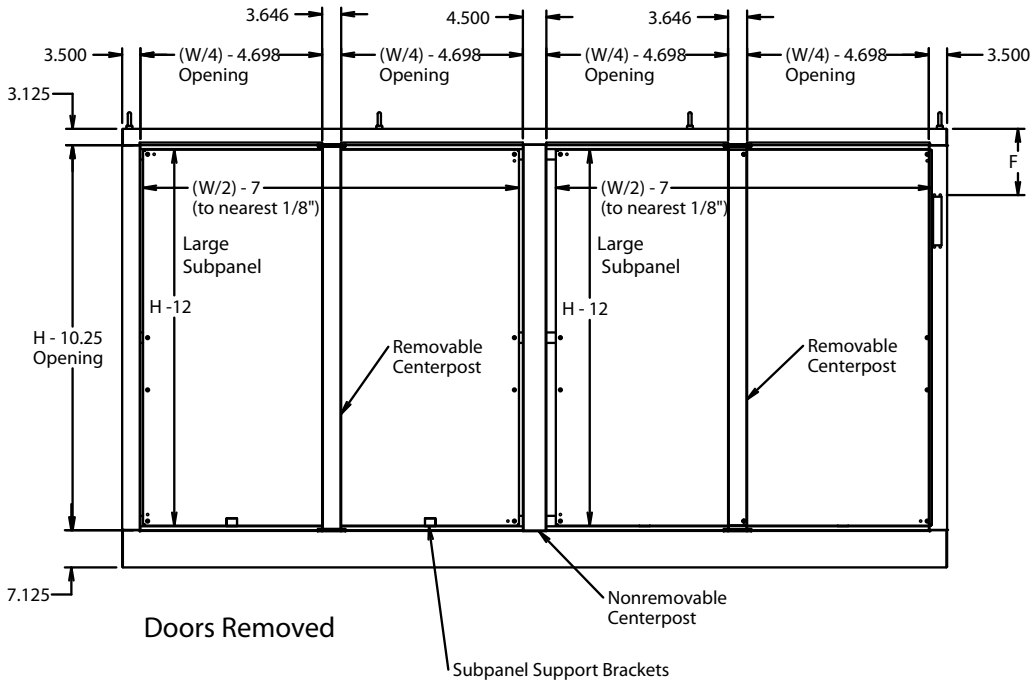
**NOTES:**

1. 9" x 9" print pocket shipped inside enclosure.

# Heavy-Duty Enclosures

## Type 12 Free Standing Disconnect with Sub Panel

### SP Four Door

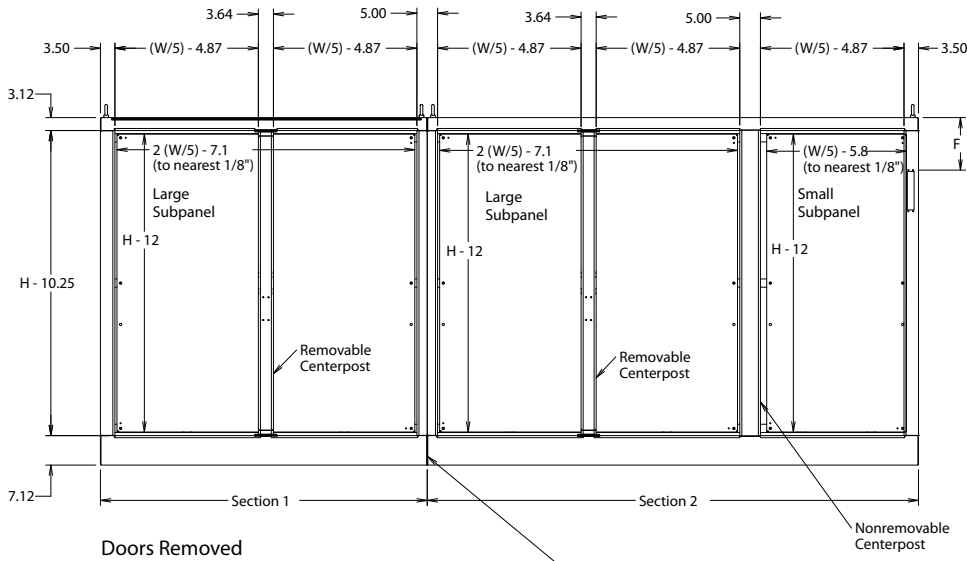


SECTION A-A

**NOTES:**

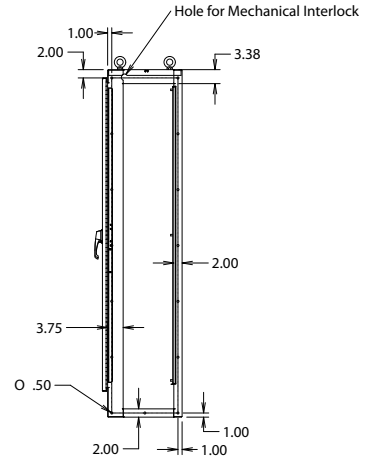
1. 9" x 9" print pocket shipped inside enclosure.

**SP Five Door**

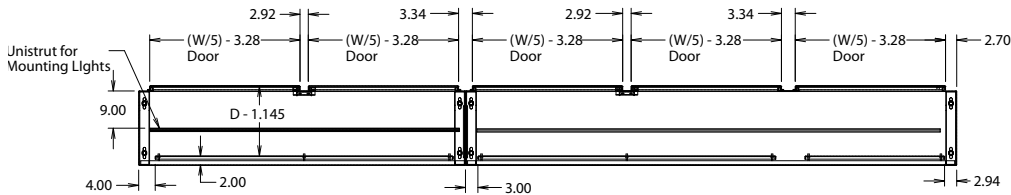
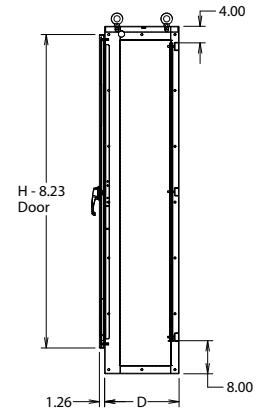
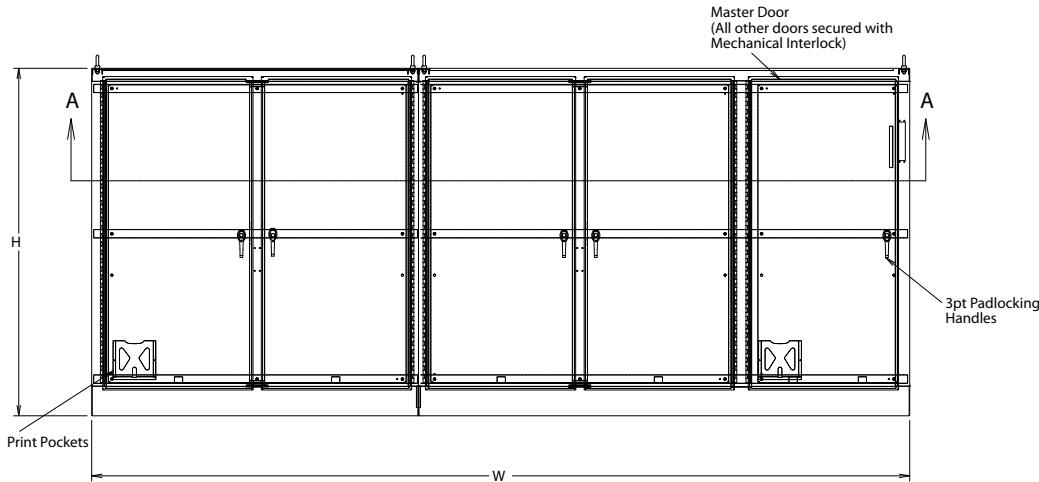


Doors Removed

Enclosure to have two sections bolted together. Sections to be sealed with gasket and secured with 3/8" bolts.



Open end of Section 1



SECTION A-A

**NOTES:**

1. 5-door will be split into 3-door and 2-door sections to be shipped assembled or separate.
2. 9" x 9" print pocket shipped inside enclosure.