

Type 12 / 13 Panel Enclosures



Type 12/13 Panel Encl.

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Type 12 / 13 Panel Enclosures

JIC Enclosures Type 12 Lift-Off Cover Data Sheet



Type 12/13 Panel Encl.

Application

- Houses electrical controls and instruments
- Protects against circulating dust, falling dirt and dripping non-corrosive liquids

Standards

- UL 508A listed, Type 12 and Type 13
- CSA C22.2 No.94 certified, Type 12 and Type 13
- Conforms to NEMA standard for Type 12 and Type 13

Finish

- Wash and phosphate undercoat
- ANSI 61 gray polyester powder finish
- Hardware and clamps are zinc plated

Accessories

- Panels
- JIC terminal strap kit
- JIC terminal strip kit
- Terminal blocks
- Touch-up paint
- #8-32 self tapping screw (10168)
- See Accessories section

Construction

- Enclosure and cover are fabricated from (16) gauge steel
- All continuous welded seams are finished smooth
- Cover is secured to the body with semi-hinge(s) on one side and easy-to-operate screw clamps mounted to the opposite side
- Chain holds cover to body when screw clamps are released
- Cover has a seamless poured in-place gasket
- Ground stud provided on cover
- #10-32 weldnuts are provided for mounting optional panel on 6" x 4" and larger enclosures
- External mounting feet are provided for secure wall mounting

Discount Schedule: C2

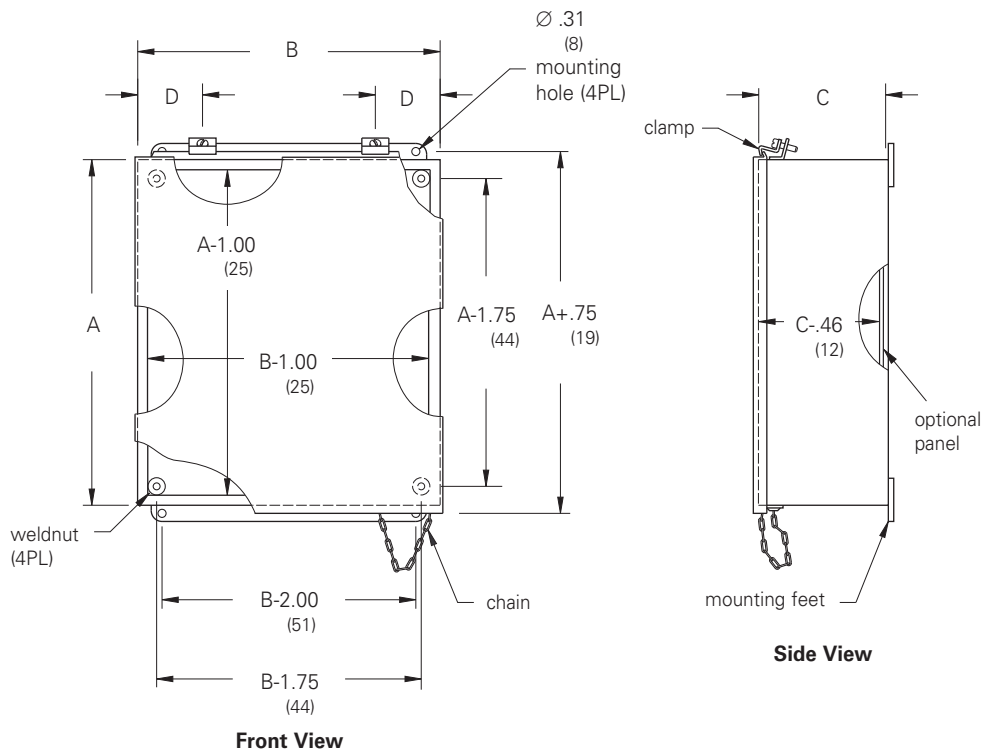
Subclass: DE1

Notes: We can provide special sizes, finishes and other modifications. Consult the factory for your special requirements.

JIC Enclosures Type 12 Lift-Off Cover Illustration Sheet and Catalog Number

Enclosure Catalog Number	Enclosure Size Height x Width x Depth A x B x C		D		Panel Catalog Number		Panel Size Height x Width	
	in.	mm	in.	mm	Solid	Perforated	in.	mm
443-12LC	4.00	102	2.00	51	--	--	--	--
643-12LC	6.00	152	2.00	51	AW64P	AW64PP	4.87	124
863.5-12LC	8.00	203	3.00	76	AW86P	AW86PP	6.87	174
444-12LC	4.00	102	2.00	51	--	--	--	--
644-12LC	6.00	152	2.00	51	AW64P	AW64PP	4.87	124
664-12LC	6.00	152	3.00	76	AW66P	AW66PP	4.87	124
884-12LC	8.00	203	2.00	51	AW88P	AW88PP	6.87	174
1084-12LC	10.00	254	2.00	51	AW108P	AW108PP	8.87	225
12105-12LC	12.00	305	2.00	51	AW1210P	AW1210PP	10.87	276
14126-12LC	14.00	356	3.00	76	AW1412P	AW1412PP	12.87	327
16146-12LC	16.00	406	3.00	76	AW1614P	AW1614PP	14.87	378

Type 12/13 Panel Encl.



443-12LC
643-12LC
863.5-12LC
444-12LC
644-12LC
664-12LC
866-12LC

884-12LC
1084-12LC
12105-12LC
1086-12LC
10106-12LC
12126-12LC
14126-12LC
16146-12LC
16148-12LC

**Cover Clamp
Layout**

Notes: Dimensions are in inches. Millimeters shown are for reference only. Data subject to change without notice.

Type 12 / 13 Panel Enclosures

JIC Enclosures Type 12 Continuous Hinge Cover Data Sheet

Type 12/13 Panel Encl.



Application

- Houses electrical controls and instruments
- Protects against circulating dust, falling dirt and dripping non-corrosive liquids

Standards

- UL 508A listed, Type 12 and Type 13
- CSA C22.2 No.94 certified, Type 12 and Type 13
- Conforms to NEMA standard for Type 12 and Type 13

Finish

- Wash and phosphate undercoat
- ANSI 61 gray polyester powder finish
- Hardware and clamps are zinc plated

Accessories

- Panels
- JIC terminal strap kit
- JIC terminal strip kit
- Terminal blocks
- Touch-up paint
- #8-32 self tapping screw (10168)
- See Accessories section

Construction

- Enclosure and cover are fabricated from (16) gauge steel
- All continuous welded seams are finished smooth
- Cover is secured to the body with a continuous hinge on one side and easy-to-operate screw clamps mounted to the opposite side
- Cover has a seamless poured in-place gasket
- Ground stud provided on cover
- #10-32 weldnuts are provided for mounting optional panel on 6" x 4" and larger enclosures
- External mounting feet are provided for secure wall mounting

Discount Schedule: C2

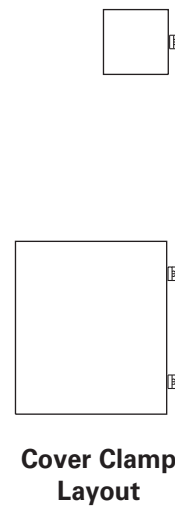
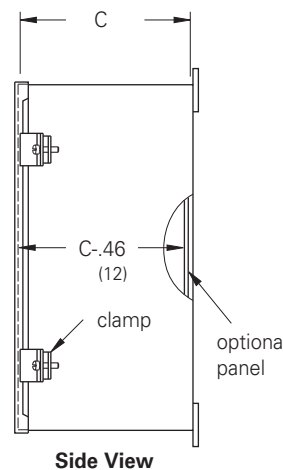
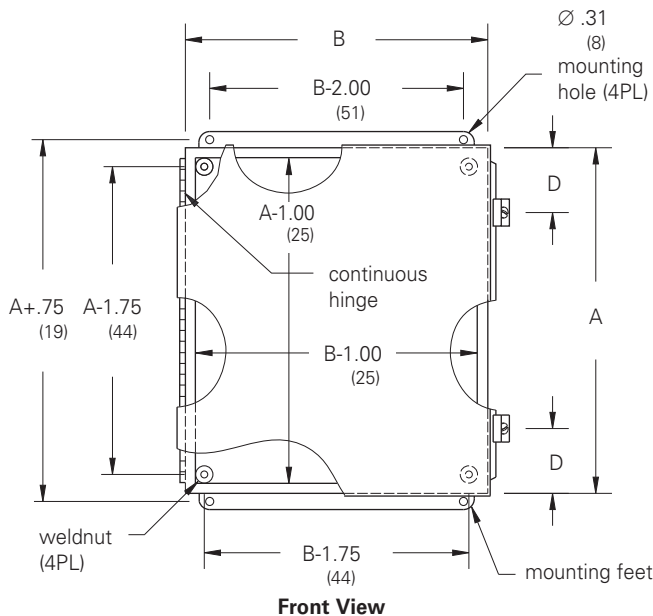
Subclass: DE0

Notes: We can provide special sizes, finishes and other modifications. Consult the factory for your special requirements.

JIC Enclosures Type 12 Continuous Hinge Cover Illustration Sheet and Catalog Number

Enclosure Catalog Number	Enclosure Size Height x Width x Depth A x B x C		D		Panel Catalog Number		Panel Size Height x Width	
	in.	mm	in.	mm	Solid	Perforated	in.	mm
443-12CHC	4.00 x 4.00 x 3.00	102 x 102 x 76	2.00	51	--	--	--	--
643-12CHC	6.00 x 4.00 x 3.00	152 x 102 x 76	3.00	76	AW64P	AW64PP	4.87 x 2.87	124 x 73
863.5-12CHC	8.00 x 6.00 x 3.50	203 x 152 x 89	4.00	102	AW86P	AW86PP	6.87 x 4.87	174 x 124
444-12CHC	4.00 x 4.00 x 4.00	102 x 102 x 102	2.00	51	--	--	--	--
644-12CHC	6.00 x 4.00 x 4.00	152 x 102 x 102	3.00	76	AW64P	AW64PP	4.87 x 2.87	124 x 76
664-12CHC	6.00 x 6.00 x 4.00	152 x 152 x 102	3.00	76	AW66P	AW66PP	4.87 x 4.87	124 x 124
884-12CHC	8.00 x 8.00 x 4.00	203 x 203 x 102	4.00	102	AW88P	AW88PP	6.87 x 6.87	174 x 174
1084-12CHC	10.00 x 8.00 x 4.00	254 x 203 x 102	2.00	51	AW108P	AW108PP	8.87 x 6.87	225 x 174
1084-12CHCS	10.00 x 8.00 x 4.00	254 x 203 x 102	2.00	51	AW108P	AW108PP	8.87 x 6.87	225 x 174
1264-12CHC	12.00 x 6.00 x 4.00	305 x 152 x 102	3.00	76	AW126P	AW126PP	10.87 x 4.87	272 x 124
12105-12CHC	12.00 x 10.00 x 5.00	305 x 254 x 127	3.00	76	AW1210P	AW1210PP	10.87 x 8.87	272 x 225
12105-12CHCS	12.00 x 10.00 x 5.00	305 x 254 x 127	3.00	76	AW1210P	AW1210PP	10.87 x 8.87	272 x 225
866-12CHC	8.00 x 6.00 x 6.00	203 x 152 x 152	4.00	102	AW86P	AW86PP	6.87 x 4.87	174 x 124
886-12CHC	8.00 x 8.00 x 6.00	203 x 203 x 152	4.00	102	AW88P	AW88PP	6.87 x 6.87	174 x 174
1086-12CHC	10.00 x 8.00 x 6.00	254 x 203 x 152	2.00	51	AW108P	AW108PP	8.87 x 6.87	225 x 174
10106-12CHC	10.00 x 10.00 x 6.00	254 x 254 x 152	2.00	51	AW1010P	AW1010PP	8.87 x 8.87	225 x 225
12106-12CHC	12.00 x 10.00 x 6.00	305 x 254 x 152	3.00	76	AW1210P	AW1210PP	10.87 x 8.87	272 x 225
12126-12CHC	12.00 x 12.00 x 6.00	305 x 305 x 152	3.00	76	AW1212P	AW1212PP	10.87 x 10.87	272 x 272
1486-12CHC	14.00 x 8.00 x 6.00	356 x 203 x 152	3.00	76	AW148P	AW148PP	12.87 x 6.87	327 x 174
14126-12CHC	14.00 x 12.00 x 6.00	356 x 305 x 152	3.00	76	AW1412P	AW1412PP	12.87 x 10.87	327 x 272
14126-12CHCS	14.00 x 12.00 x 6.00	356 x 305 x 152	3.00	76	AW1412P	AW1412PP	12.87 x 10.87	327 x 272
16106-12CHC	16.00 x 10.00 x 6.00	406 x 254 x 152	3.00	76	AW1610P	AW1610PP	14.87 x 8.87	378 x 225
16146-12CHC	16.00 x 14.00 x 6.00	406 x 356 x 152	3.00	76	AW1614P	AW1614PP	14.87 x 12.87	378 x 327
16146-12CHCS	16.00 x 14.00 x 6.00	406 x 356 x 152	3.00	76	AW1614P	AW1614PP	14.87 x 12.87	378 x 327
10108-12CHC	10.00 x 10.00 x 8.00	254 x 254 x 203	2.00	51	AW1010P	AW1010PP	8.87 x 8.87	225 x 225
12108-12CHC	12.00 x 10.00 x 8.00	305 x 254 x 203	3.00	76	AW1210P	AW1210PP	10.87 x 8.87	272 x 225
14128-12CHC	14.00 x 12.00 x 8.00	356 x 305 x 203	3.00	76	AW1412P	AW1412PP	12.87 x 10.87	327 x 272
16148-12CHC	16.00 x 14.00 x 8.00	406 x 356 x 203	3.00	76	AW1614P	AW1614PP	14.87 x 12.87	378 x 327
161410-12CHC	16.00 x 14.00 x 10.00	406 x 356 x 254	3.00	76	AW1614P	AW1614PP	14.87 x 12.87	378 x 327

Note: Catalog numbers ending in -12 CHCS are hinged on the short side.



443-12CHC
643-12CHC
444-12CHC
644-12CHC
664-12CHC
863.5-12CHC
884-12CHC
866-12CHC
886-12CHC

1084-12CHC
1264-12CHC
12105-12CHC
1086-12CHC
10106-12CHC
12106-12CHC
12126-12CHC
1486-12CHC
14126-12CHC
16106-12CHC
10108-12CHC
16146-12CHC
12108-12CHC
14128-12CHC
16148-12CHC
161410-12CHC

Notes: Dimensions are in inches. Millimeters shown are for reference only. Data subject to change without notice.

Type 12 / 13 Panel Enclosures

JIC Enclosures Type 12 Screw Cover Data Sheet

Type 12/13 Panel Encl.



Application

- Houses electrical controls and instruments
- Protects against circulating dust, falling dirt and dripping non-corrosive liquids

Standards

- UL 508A listed, Type 12 and Type 13
- CSA C22.2 No.94 certified, Type 12 and Type 13
- Conforms to NEMA standard for Type 12 and Type 13

Finish

- Wash and phosphate undercoat
- ANSI 61 gray polyester powder finish

Accessories

- Panels
- JIC terminal strap kit
- JIC terminal strip kit
- Terminal blocks
- Touch-up paint
- #8-32 self tapping screw (10168)
- See Accessories section

Construction

- Enclosure and cover are fabricated from (16) gauge steel
- All continuous welded seams are finished smooth
- Cover is attached with captive screws which thread into sealed well nuts
- Cover has a fixed, oil-resistant gasket
- Ground stud provided on cover
- #10-32 weldnuts are provided for mounting optional panel on 6" x 4" and larger enclosures
- External mounting feet are provided for secure wall mounting

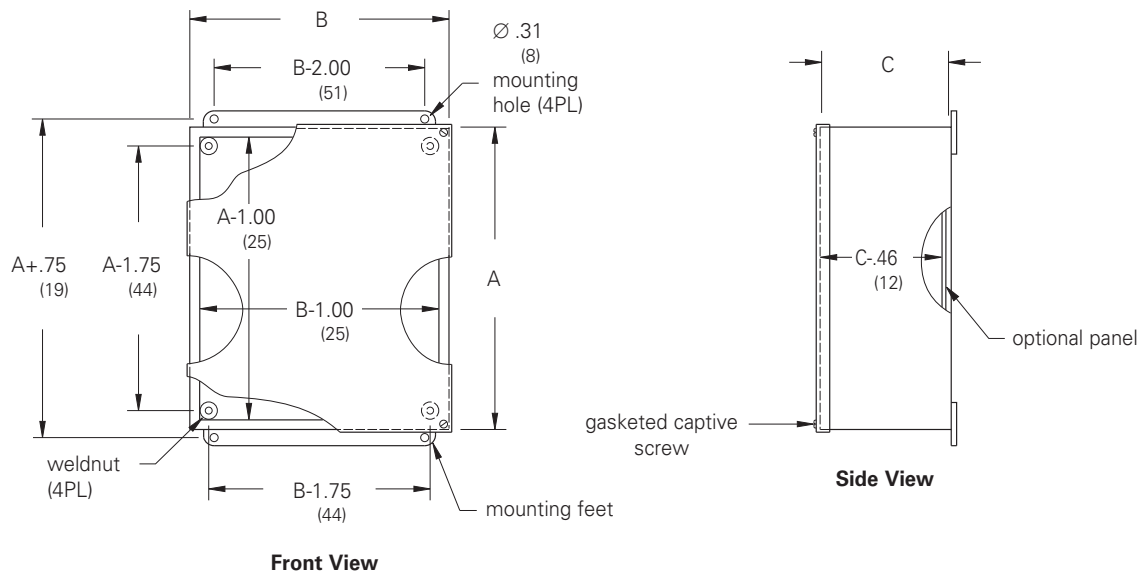
Discount Schedule: C2

Subclass: DE0

Notes: We can provide special sizes, finishes and other modifications. Consult the factory for your special requirements.

JIC Enclosures Type 12 Screw Cover Illustration Sheet and Catalog Number

Enclosure Catalog Number	Enclosure Size Height x Width x Depth A x B x C		Panel Catalog Number		Panel Size Height x Width	
	in.	mm	Solid	Perforated	in.	mm
443-12SC	4.00 x 4.00 x 3.00	102 x 102 x 76	-	-	-	-
643-12SC	6.00 x 4.00 x 3.00	152 x 102 x 76	AW64P	AW64PP	4.87 x 2.87	124 x 73
863.5-12SC	8.00 x 6.00 x 3.50	203 x 152 x 89	AW86P	AW86PP	6.87 x 4.87	174 x 124
444-12SC	4.00 x 4.00 x 4.00	102 x 102 x 102	-	-	-	-
644-12SC	6.00 x 4.00 x 4.00	152 x 102 x 102	AW64P	AW64PP	4.87 x 2.87	124 x 73
664-12SC	6.00 x 6.00 x 4.00	152 x 152 x 102	AW66P	AW66PP	4.87 x 4.87	124 x 124
884-12SC	8.00 x 8.00 x 4.00	203 x 203 x 102	AW88P	AW88PP	6.87 x 6.87	174 x 174
1084-12SC	10.00 x 8.00 x 4.00	254 x 203 x 102	AW108P	AW108PP	8.87 x 6.87	225 x 174
10104-12SC	10.00 x 10.00 x 4.00	254 x 254 x 102	AW1010P	AW1010PP	8.87 x 8.87	225 x 225
12105-12SC	12.00 x 10.00 x 5.00	305 x 254 x 127	AW1210P	AW1210PP	10.87 x 8.87	272 x 225
866-12SC	8.00 x 6.00 x 6.00	203 x 152 x 152	AW86P	AW86PP	6.87 x 4.87	174 x 124
1086-12SC	10.00 x 8.00 x 6.00	254 x 203 x 152	AW108P	AW108PP	8.87 x 6.87	225 x 174
10106-12SC	10.00 x 10.00 x 6.00	254 x 254 x 152	AW1010P	AW1010PP	8.87 x 8.87	225 x 225
12126-12SC	12.00 x 12.00 x 6.00	305 x 305 x 152	AW1212P	AW1212PP	10.87 x 10.87	272 x 272
14126-12SC	14.00 x 12.00 x 6.00	356 x 305 x 152	AW1412P	AW1412PP	12.87 x 10.87	327 x 272
16146-12SC	16.00 x 14.00 x 6.00	406 x 356 x 152	AW1614P	AW1614PP	14.87 x 12.87	378 x 327



Notes: Dimensions are in inches. Millimeters shown are for reference only. Data subject to change without notice.

Type 12 / 13 Panel Enclosures

JIC Enclosures

Type 12 Continuous Hinge Screw Cover

Data Sheet

Type 12/13 Panel Encl.



Application

- Houses electrical controls and instruments
- Protects against circulating dust, falling dirt and dripping non-corrosive liquids

Standards

- UL 508A listed, Type 12 and Type 13
- CSA C22.2 No.94 certified, Type 12 and Type 13
- Conforms to NEMA standard for Type 12 and Type 13

Finish

- Wash and phosphate undercoat
- ANSI 61 gray polyester powder finish

Accessories

- Panels
- JIC terminal strap kit
- JIC terminal strip kit
- Terminal blocks
- Touch-up paint
- #8-32 self tapping screw (10168)
- See Accessories section

Construction

- Enclosure and cover are fabricated from (16) gauge steel
- All continuous welded seams are finished smooth
- Cover is secured to the body with a continuous hinge on one side and captive screws which thread into sealed well nuts on the opposite side
- Cover has a fixed, oil-resistant gasket
- Ground stud provided on cover
- #10-32 weldnuts are provided for mounting optional panel
- External mounting feet are provided for secure wall mounting

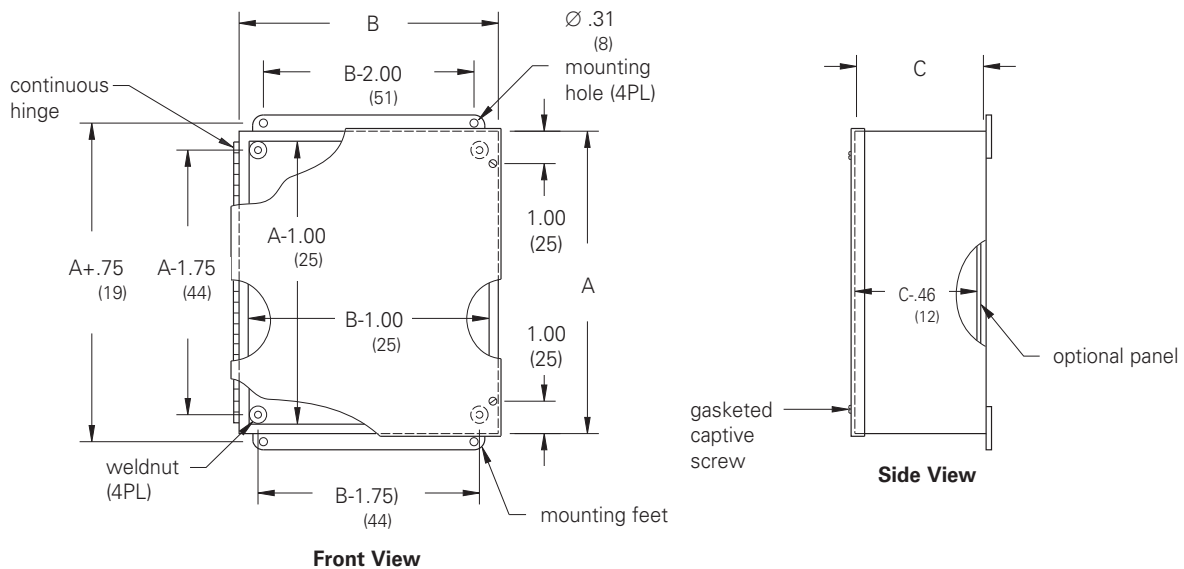
Discount Schedule: C2

Subclass: DE1

Notes: We can provide special sizes, finishes and other modifications. Consult the factory for your special requirements.

JIC Enclosures Type 12 Continuous Hinge Screw Cover Illustration Sheet and Catalog Number

Enclosure Catalog Number	Enclosure Size Height x Width x Depth A x B x C		Panel Catalog Number		Panel Size Height x Width	
	in.	mm	Solid	Perforated	in.	mm
664-12CHSC	6.00 x 6.00 x 4.00	152 x 152 x 102	AW66P	AW66PP	4.87 x 4.87	124 x 124
864-12CHSC	8.00 x 6.00 x 4.00	203 x 152 x 102	AW86P	AW86PP	6.87 x 4.87	174 x 124
884-12CHSC	8.00 x 8.00 x 4.00	203 x 203 x 102	AW88P	AW88PP	6.87 x 6.87	174 x 174
1084-12CHSC	10.00 x 8.00 x 4.00	254 x 203 x 102	AW108P	AW108PP	8.87 x 6.87	225 x 174
10104-12CHSC	10.00 x 10.00 x 4.00	254 x 254 x 102	AW1010P	AW1010PP	8.87 x 8.87	225 x 225
12104-12CHSC	12.00 x 10.00 x 4.00	305 x 254 x 102	AW1210P	AW1210PP	10.87 x 8.87	272 x 225
866-12CHSC	8.00 x 6.00 x 6.00	203 x 152 x 152	AW86P	AW86PP	6.87 x 4.87	174 x 124
886-12CHSC	8.00 x 8.00 x 6.00	203 x 203 x 152	AW88P	AW88PP	6.87 x 6.87	174 x 174
1086-12CHSC	10.00 x 8.00 x 6.00	254 x 203 x 152	AW108P	AW108PP	8.87 x 6.87	225 x 174
10106-12CHSC	10.00 x 10.00 x 6.00	254 x 254 x 152	AW1010P	AW1010PP	8.87 x 8.87	225 x 225
12106-12CHSC	12.00 x 10.00 x 6.00	305 x 254 x 152	AW1210P	AW1210PP	10.87 x 8.87	272 x 225
12126-12CHSC	12.00 x 12.00 x 6.00	305 x 305 x 152	AW1212P	AW1212PP	10.87 x 10.87	272 x 272
14126-12CHSC	14.00 x 12.00 x 6.00	356 x 305 x 152	AW1412P	AW1412PP	12.87 x 10.87	327 x 272



Notes: Dimensions are in inches. Millimeters shown are for reference only. Data subject to change without notice.

Type 12 / 13 Panel Enclosures

JIC Enclosures

Type 12 Continuous Hinge Quick-Release Cover

Data Sheet

Type 12/13 Panel Encl.



Application

- Houses electrical controls and instruments
- Protects against circulating dust, falling dirt and dripping non-corrosive liquids

Standards

- UL 508A listed, Type 12 and Type 13
- Conforms to NEMA standard for Type 12 and Type 13

Finish

- Wash and phosphate undercoat
- ANSI 61 gray polyester powder finish
- Latches are zinc plated

Accessories

- Panels
- JIC terminal strap kit
- JIC terminal strip kit
- Terminal blocks
- Touch-up paint
- #8-32 self tapping screw (10168)
- See Accessories section

Construction

- Enclosure and cover are fabricated from (16) gauge steel
- All continuous welded seams are finished smooth
- Cover is secured to the body with a continuous hinge on one side and quick-release latches mounted to the opposite side
- Cover has a seamless poured in-place gasket
- Ground stud provided on cover
- #10-32 weldnuts are provided for mounting optional panel
- External mounting feet are provided for secure wall mounting

Discount Schedule: C2

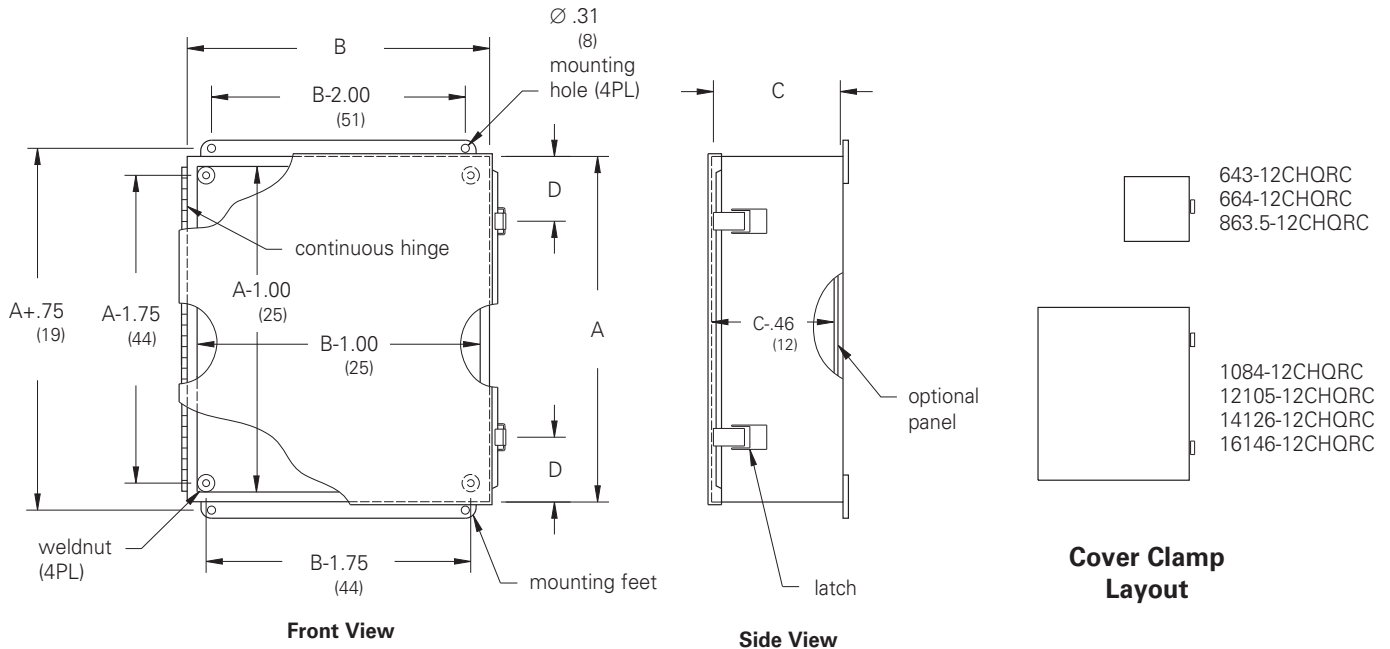
Subclass: DE1

Notes: We can provide special sizes, finishes and other modifications. Consult the factory for your special requirements.

JIC Enclosures Type 12 Continuous Hinge Quick-Release Cover Illustration Sheet and Catalog Number

Enclosure Catalog Number	Enclosure Size Height x Width x Depth A x B x C		D in. mm		Panel Catalog Number		Panel Size	
	in.	mm			Solid	Perforated	Height x Width in. mm	
643-12CHQRC	6.00 x 4.00 x 3.00	152 x 102 x 76	3.00	76	AW64P	AW64PP	4.87 x 2.87	124 x 73
863.5-12CHQRC	8.00 x 6.00 x 3.50	203 x 152 x 102	4.00	102	AW86P	AW86PP	6.87 x 4.87	174 x 124
664-12CHQRC	6.00 x 6.00 x 4.00	152 x 152 x 102	3.00	76	AW66P	AW66PP	4.87 x 4.87	124 x 124
1084-12CHQRC	10.00 x 8.00 x 4.00	254 x 203 x 102	2.00	51	AW108P	AW108PP	8.87 x 6.87	225 x 174
12105-12CHQRC	12.00 x 10.00 x 5.00	305 x 254 x 127	3.00	76	AW1210P	AW1210PP	10.87 x 8.87	272 x 225
14126-12CHQRC	14.00 x 12.00 x 6.00	356 x 305 x 152	3.00	76	AW1412P	AW1412PP	12.87 x 10.87	327 x 272
16146-12CHQRC	16.00 x 14.00 x 6.00	406 x 356 x 152	3.00	76	AW1614P	AW1614PP	14.87 x 12.87	378 x 327

Type 12/13 Panel Encl.



Notes: Dimensions are in inches. Millimeters shown are for reference only. Data subject to change without notice.

Type 12 / 13 Panel Enclosures

JIC Enclosures Type 12 Large Continuous Hinge Screw Cover Data Sheet

Type 12/13 Panel Encl.



Application

- Houses electrical controls and instruments
- Protects against circulating dust, falling dirt and dripping non-corrosive liquids

Standards

- UL 508A listed, Type 12 and Type 13
- CSA C22.2 No.94 certified, Type 12 and Type 13
- Conforms to NEMA standard for Type 12 and Type 13

Finish

- Wash and phosphate undercoat
- ANSI 61 gray polyester powder finish
- Panels have a white enamel finish

Accessories

- NEMA terminal strap kit
- Terminal blocks
- Touch-up paint
- See Accessories section

Construction

- Enclosure and door are fabricated from (14) gauge steel
- All continuous welded seams are finished smooth
- Door is secured to the body with a continuous hinge on one side and captive hex head screws which thread into sealed well nuts on the opposite side
- Each door has a print pocket
- Door has a fixed, oil-resistant gasket
- Ground stud provided on door
- Heavy gauge panel mounted to .375-16 collar studs is provided with enclosure
- External mounting feet are provided for secure wall mounting

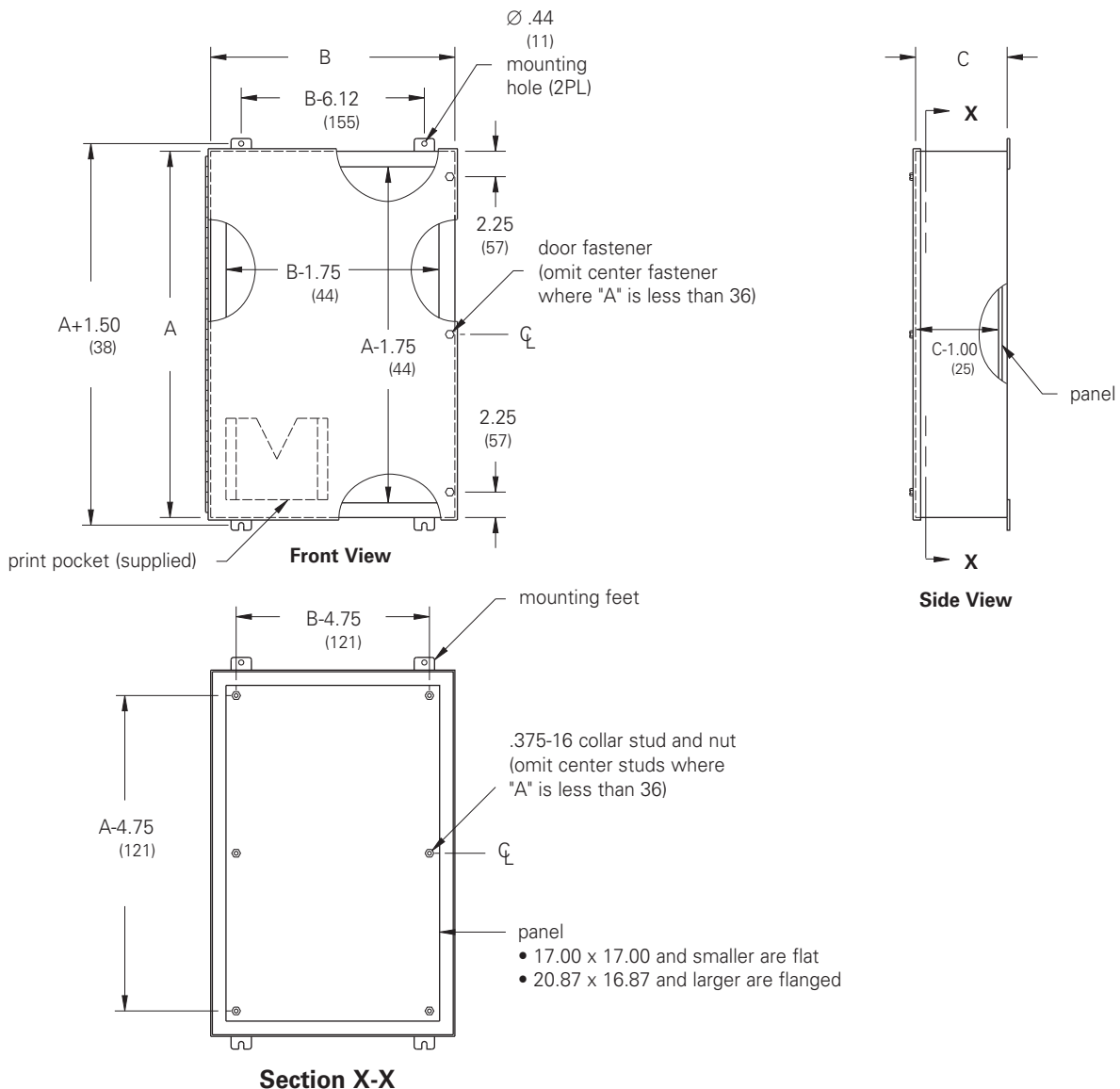
Discount Schedule: C2

Subclass: DH0

Notes: We can provide special sizes, finishes and other modifications. Consult the factory for your special requirements.

JIC Enclosures Type 12 Large Continuous Hinge Screw Cover Illustration Sheet and Catalog Number

Enclosure Catalog Number	Enclosure Size Height x Width x Depth A x B x C		Panel Size Height x Width	
	in.	mm	in.	mm
20167-12CHSC	20.00 x 16.00 x 7.00	508 x 406 x 178	17.00 x 13.00	432 x 330
20207-12CHSC	20.00 x 20.00 x 7.00	508 x 508 x 178	17.00 x 17.00	432 x 432
24207-12CHSC	24.00 x 20.00 x 7.00	610 x 508 x 178	20.87 x 16.87	530 x 428
30207-12CHSC	30.00 x 20.00 x 7.00	762 x 508 x 178	26.87 x 16.87	682 x 428
30247-12CHSC	30.00 x 24.00 x 7.00	762 x 610 x 178	26.87 x 20.87	682 x 530
36247-12CHSC	36.00 x 24.00 x 7.00	914 x 610 x 178	32.87 x 20.87	835 x 530
24209-12CHSC	24.00 x 20.00 x 9.00	610 x 508 x 229	20.87 x 16.87	530 x 428
30209-12CHSC	30.00 x 20.00 x 9.00	762 x 508 x 229	26.87 x 16.87	682 x 428
30249-12CHSC	30.00 x 24.00 x 9.00	762 x 610 x 229	26.87 x 20.87	682 x 530
36249-12CHSC	36.00 x 24.00 x 9.00	914 x 610 x 229	32.87 x 20.87	835 x 530



Notes: Dimensions are in inches. Millimeters shown are for reference only. Data subject to change without notice.

Type 12 / 13 Panel Enclosures

JIC Enclosures

Type 12 Continuous Hinge Flanged Trough Cover

Data Sheet

Type 12/13 Panel Encl.



Application

- Houses electrical controls and instruments
- Protects against circulating dust, falling dirt and dripping non-corrosive liquids

Standards

- UL 508A Listed, Type 12 and Type 13
- CSA C22.2 No. 94 certified, Type 12 and Type 13
- Conforms to NEMA standard for Type 12 and Type 13

Finish

- Wash and phosphate undercoat
- ANSI 61 gray polyester powder finish
- Optional panels have a white enamel finish

Accessories

- Panels
- JIC terminal strap kit
- JIC terminal strip kit
- JIC terminal blocks
- Touch-up paint
- #8-32 self tapping screw (10168)

Construction

- Enclosure and door are fabricated from 16 gauge steel
- Body flange trough design, formed around body opening, diverts liquid contaminants away from door opening
- Cover has a seamless poured in-place gasket
- Integral compression stop to prevent over compression of gasket for optimal gasket performance
- Ground stud provided on door
- Door is secured to the body with a continuous hinge on one side and heavy-duty latches on the opposite side
- #10-32 weldnuts are provided for mounting optional panels
- External mounting feet are provided for secure wall mounting

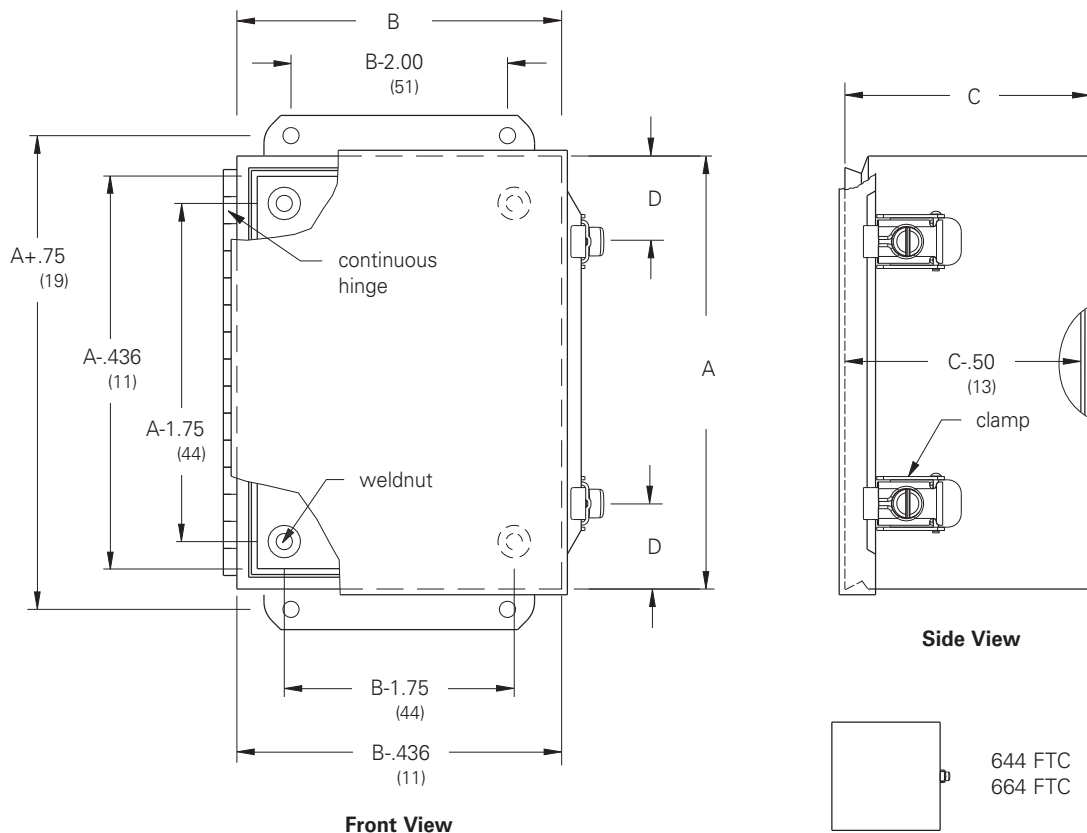
Discount Schedule: C2

Subclass: DE1

Notes: We can provide special sizes, finishes and other modifications. Consult the factory for your special requirements.

JIC Enclosures Type 12 Continuous Hinge Flanged Trough Cover Illustration Sheet and Catalog Number

Enclosure Catalog Number	Enclosure Size Height x Width x Depth A x B x C		D		Panel Catalog Number		Panel Size Height x Width	
	in.	mm	in.	mm	Solid	Perforated	in.	mm
644-FTC	6.00 x 4.00 x 4.54	152 x 102 x 115	3.00	76	AW64P	AW64PP	4.87 x 2.87	124 x 73
664-FTC	6.00 x 6.00 x 4.54	152 x 152 x 115	3.00	76	AW66P	AW66PP	4.87 x 4.87	124 x 124
864-FTC	8.00 x 6.00 x 4.54	203 x 152 x 115	2.00	51	AW86P	AW86PP	6.87 x 4.87	174 x 124
1084-FTC	10.00 x 8.00 x 4.54	254 x 203 x 115	2.00	51	AW108P	AW108PP	8.87 x 6.87	225 x 174
12105-FTC	12.00 x 10.00 x 5.54	305 x 254 x 141	2.00	51	AW1210P	AW1210PP	10.87 x 8.87	272 x 225
14126-FTC	14.00 x 12.00 x 6.54	356 x 305 x 166	2.00	51	AW1412P	AW1412PP	12.87 x 10.87	327 x 272
16146-FTC	16.00 x 14.00 x 6.54	406 x 356 x 166	2.00	51	AW1614P	AW1614PP	14.87 x 12.87	378 x 327



Type 12/13 Panel Encl.

Notes: Dimensions are in inches. Millimeters shown are for reference only. Data subject to change without notice.

Type 12 / 13 Panel Enclosures

Wall-Mount Enclosures Type 12 Single-Door Data Sheet

Type 12/13 Panel Encl.



Application

- Houses electrical controls and instruments
- Protects against circulating dust, falling dirt and dripping non-corrosive liquids

Standards

- UL 508A listed, Type 12 and Type 13
- CSA C22.2 No.94 certified, Type 12 and Type 13
- Conforms to NEMA standard for Type 12 and Type 13

Finish

- Wash and phosphate undercoat
- ANSI 61 gray polyester powder finish

Accessories

- Panels
- NEMA terminal strap kit
- Terminal blocks
- Type 12 door handle kit
- Floor stand kit
- Touch-up paint
- See Accessories section

Construction

- Enclosure and door are fabricated from code gauge steel, (see tables, pages 106 & 107)
- All continuous welded seams are finished smooth
- Doors are secured to the body with a heavy-duty continuous hinge on one side and easy-to-release door clamps mounted to the opposite side
- Each door has a padlock hasp with sealing hole provision
- Print pocket provided
- Door has a seamless poured in-place gasket
- Ground stud provided on door and body
- Formed lip around enclosure opening diverts liquids and contaminants
- .375-16 collar studs are provided for mounting optional panel
- External mounting feet are provided for secure wall mounting

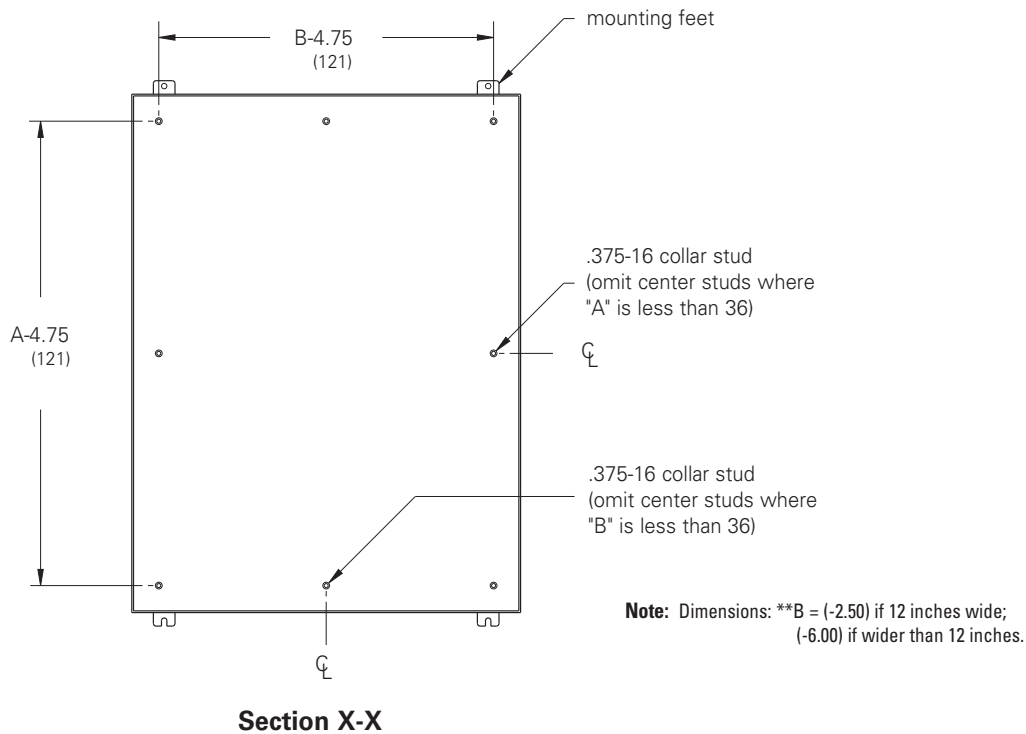
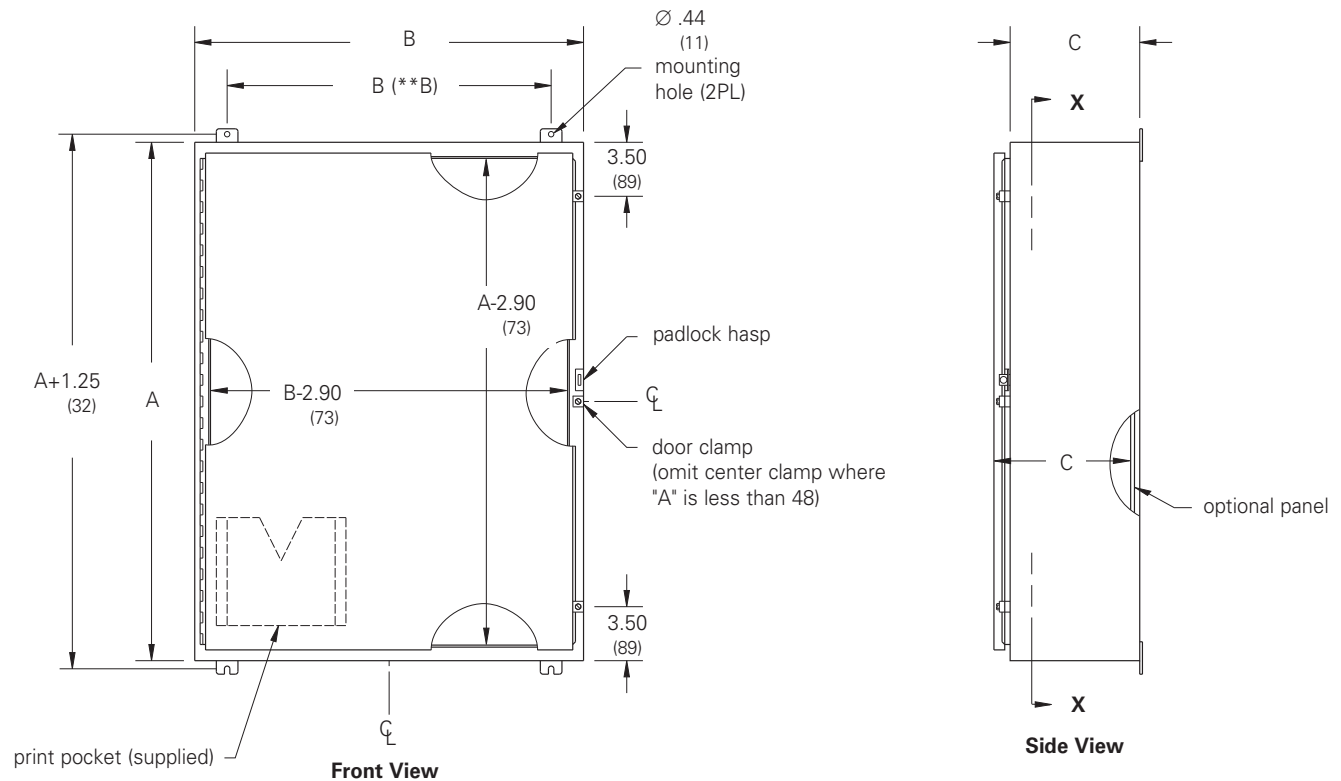
Discount Schedule: C2

Subclass: DH0

Notes: We can provide special sizes, finishes and other modifications. Consult the factory for your special requirements.

Wall-Mount Enclosures Type 12 Single-Door Illustration Sheet

See pages 106 & 107 for dimensions



Notes: Dimensions are in inches. Millimeters shown are for reference only. Data subject to change without notice.

Type 12 / 13 Panel Enclosures

Wall-Mount Enclosures Type 12 Single-Door Catalog Number

Type 12/13 Panel Encl.

Enclosure Catalog Number	Enclosure Size Height x Width x Depth A x B x C		Gauge	Panel Catalog Number		Panel Size Height x Width	
	in.	mm		Painted	Conductive	in.	mm
12246-12	12.00 x 24.00 x 6.00	305 x 610 x 152	16	AW2412P	--	9.00 x 21.00	229 x 533
16126-12	16.00 x 12.00 x 6.00	406 x 305 x 152	16	AW1612P	AW1612GP	13.00 x 9.00	330 x 229
16166-12	16.00 x 16.00 x 6.00	406 x 406 x 152	16	AW1616P	AW1616GP	13.00 x 13.00	330 x 330
16206-12	16.00 x 20.00 x 6.00	406 x 508 x 152	16	AW2016P	AW2016GP	13.00 x 17.00	330 x 432
20126-12	20.00 x 12.00 x 6.00	508 x 305 x 152	16	AW2012P	--	17.00 x 9.00	432 x 229
20166-12	20.00 x 16.00 x 6.00	508 x 406 x 152	16	AW2016P	AW2016GP	17.00 x 13.00	432 x 330
20206-12	20.00 x 20.00 x 6.00	508 x 508 x 152	16	AW2020P	AW2020GP	17.00 x 17.00	432 x 432
20246-12	20.00 x 24.00 x 6.00	508 x 610 x 152	16	AW2420P	AW2420GP	16.87 x 20.87	428 x 530
24126-12	24.00 x 12.00 x 6.00	610 x 305 x 152	16	AW2412P	--	21.00 x 9.00	533 x 229
24166-12	24.00 x 16.00 x 6.00	610 x 406 x 152	16	AW2416P	AW2416GP	21.00 x 13.00	533 x 330
24206-12	24.00 x 20.00 x 6.00	610 x 508 x 152	16	AW2420P	AW2420GP	20.87 x 16.87	530 x 428
24246-12	24.00 x 24.00 x 6.00	610 x 610 x 152	14	AW2424P	AW2424GP	20.87 x 20.87	530 x 530
30166-12	30.00 x 16.00 x 6.00	762 x 406 x 152	16	AW3016P	AW3016GP	26.87 x 12.87	682 x 327
30206-12	30.00 x 20.00 x 6.00	762 x 508 x 152	14	AW3020P	AW3020GP	26.87 x 16.87	682 x 428
30246-12	30.00 x 24.00 x 6.00	762 x 610 x 152	14	AW3024P	AW3024GP	26.87 x 20.87	682 x 530
36246-12	36.00 x 24.00 x 6.00	914 x 610 x 152	14	AW3624P	AW3624GP	32.87 x 20.87	835 x 530
36306-12	36.00 x 30.00 x 6.00	914 x 762 x 152	14	AW3630P	AW3630GP	32.87 x 26.87	835 x 682
12248-12	12.00 x 24.00 x 8.00	305 x 610 x 203	16	AW2412P	--	9.00 x 21.00	229 x 533
16128-12	16.00 x 12.00 x 8.00	406 x 305 x 203	16	AW1612P	AW1612GP	13.00 x 9.00	330 x 229
16168-12	16.00 x 16.00 x 8.00	406 x 406 x 203	16	AW1616P	AW1616GP	13.00 x 13.00	330 x 330
16208-12	16.00 x 20.00 x 8.00	406 x 508 x 203	16	AW2016P	AW2016GP	13.00 x 17.00	330 x 432
20128-12	20.00 x 12.00 x 8.00	508 x 305 x 203	16	AW2012P	--	17.00 x 9.00	432 x 229
20168-12	20.00 x 16.00 x 8.00	508 x 406 x 203	16	AW2016P	AW2016GP	17.00 x 13.00	432 x 330
20208-12	20.00 x 20.00 x 8.00	508 x 508 x 203	16	AW2020P	AW2020GP	17.00 x 17.00	432 x 432
20248-12	20.00 x 24.00 x 8.00	508 x 610 x 203	16	AW2420P	AW2420GP	16.87 x 20.87	428 x 530
24128-12	24.00 x 12.00 x 8.00	610 x 305 x 203	16	AW2412P	--	21.00 x 9.00	533 x 229
24168-12	24.00 x 16.00 x 8.00	610 x 406 x 203	16	AW2416P	AW2416GP	21.00 x 13.00	533 x 330
24208-12	24.00 x 20.00 x 8.00	610 x 508 x 203	16	AW2420P	AW2420GP	20.87 x 16.87	530 x 428
24248-12	24.00 x 24.00 x 8.00	610 x 610 x 203	14	AW2424P	AW2424GP	20.87 x 20.87	530 x 530
24308-12	24.00 x 30.00 x 8.00	610 x 762 x 203	14	AW3024P	AW3024GP	20.87 x 26.87	530 x 682
30208-12	30.00 x 20.00 x 8.00	762 x 508 x 203	14	AW3020P	AW3020GP	26.87 x 16.87	682 x 428
30248-12	30.00 x 24.00 x 8.00	762 x 610 x 203	14	AW3024P	AW3024GP	26.87 x 20.87	682 x 530
30308-12	30.00 x 30.00 x 8.00	762 x 762 x 203	14	AW3030P	AW3030GP	26.87 x 26.87	682 x 682
30368-12	30.00 x 36.00 x 8.00	762 x 914 x 203	14	AW3630P	AW3630GP	26.87 x 32.87	682 x 835
36248-12	36.00 x 24.00 x 8.00	914 x 610 x 203	14	AW3624P	AW3624GP	32.87 x 20.87	835 x 530
36308-12	36.00 x 30.00 x 8.00	914 x 762 x 203	14	AW3630P	AW3630GP	32.87 x 26.87	835 x 682
36368-12	36.00 x 36.00 x 8.00	914 x 914 x 203	14	AW3636P	--	32.87 x 32.87	835 x 835
42248-12	42.00 x 24.00 x 8.00	1067 x 670 x 203	14	AW4224P	--	38.87 x 20.87	987 x 530
42308-12	42.00 x 30.00 x 8.00	1067 x 762 x 203	14	AW4230P	AW4230GP	38.87 x 26.87	987 x 682
42368-12	42.00 x 36.00 x 8.00	1067 x 914 x 203	14	AW4236P	AW4236GP	38.87 x 32.87	987 x 835
48248-12	48.00 x 24.00 x 8.00	1219 x 610 x 203	14	AW4824P	--	44.87 x 20.87	1140 x 530
48308-12	48.00 x 30.00 x 8.00	1219 x 762 x 203	14	AW4830P	AW4830GP	44.87 x 26.87	1140 x 682
48368-12	48.00 x 36.00 x 8.00	1219 x 914 x 203	14	AW4836P	AW4836GP	44.87 x 32.87	1140 x 835
60368-12	60.00 x 36.00 x 8.00	1524 x 914 x 203	14	AW6036P	AW6036GP	56.87 x 32.87	1444 x 835

Notes: Dimensions are in inches. Millimeters shown are for reference only. Data subject to change without notice.

Wall-Mount Enclosures Type 12 Single-Door Catalog Number (cont'd)

Enclosure Catalog Number	Enclosure Size Height x Width x Depth A x B x C		Gauge	Panel Catalog Number		Panel Size Height x Width	
	in.	mm		Painted	Conductive	in.	mm
161210-12	16.00 x 12.00 x 10.00	406 x 305 x 254	16	AW1612P	AW1612GP	13.00 x 9.00	330 x 229
201610-12	20.00 x 16.00 x 10.00	508 x 406 x 254	16	AW2016P	AW2016GP	17.00 x 13.00	432 x 330
202010-12	20.00 x 20.00 x 10.00	508 x 508 x 254	16	AW2020P	AW2020GP	17.00 x 17.00	432 x 432
241210-12	24.00 x 12.00 x 10.00	610 x 305 x 254	16	AW2412P	--	21.00 x 9.00	533 x 229
242010-12	24.00 x 20.00 x 10.00	610 x 508 x 254	16	AW2420P	AW2420GP	20.87 x 16.87	530 x 428
242410-12	24.00 x 24.00 x 10.00	610 x 610 x 254	14	AW2424P	AW2424GP	20.87 x 20.87	530 x 530
302010-12	30.00 x 20.00 x 10.00	762 x 508 x 254	14	AW3020P	AW3020GP	26.87 x 16.87	682 x 428
302410-12	30.00 x 24.00 x 10.00	762 x 610 x 254	14	AW3024P	AW3024GP	26.87 x 20.87	682 x 530
362410-12	36.00 x 24.00 x 10.00	914 x 610 x 254	14	AW3624P	AW3624GP	32.87 x 20.87	835 x 530
363010-12	36.00 x 30.00 x 10.00	914 x 762 x 254	14	AW3630P	AW3630GP	32.87 x 26.87	835 x 682
423010-12	42.00 x 30.00 x 10.00	1067 x 762 x 254	14	AW4230P	AW4230GP	38.87 x 26.87	987 x 682
423610-12	42.00 x 36.00 x 10.00	1067 x 914 x 254	14	AW4236P	AW4236GP	38.87 x 32.87	987 x 835
483010-12	48.00 x 30.00 x 10.00	1219 x 762 x 254	14	AW4830P	AW4830GP	44.87 x 26.87	1140 x 682
483610-12	48.00 x 36.00 x 10.00	1219 x 914 x 254	14	AW4836P	AW4836GP	44.87 x 32.87	1140 x 835
603610-12	60.00 x 36.00 x 10.00	1524 x 914 x 254	14	AW6036P	AW6036GP	56.87 x 32.87	1444 x 835
201612-12	20.00 x 16.00 x 12.00	508 x 406 x 305	16	AW2016P	AW2016GP	17.00 x 13.00	432 x 330
242012-12	24.00 x 20.00 x 12.00	610 x 508 x 305	16	AW2420P	AW2420GP	20.87 x 16.87	530 x 428
242412-12	24.00 x 24.00 x 12.00	610 x 610 x 305	14	AW2424P	AW2424GP	20.87 x 20.87	530 x 530
302412-12	30.00 x 24.00 x 12.00	762 x 610 x 305	14	AW3024P	AW3024GP	26.87 x 20.87	682 x 530
303012-12	30.00 x 30.00v12.00	762 x 762v305	14	AW3030P	AW3030GP	26.87 x 26.87	682 x 682
362412-12	36.00 x 24.00 x 12.00	914 x 610v305	14	AW3624P	AW3624GP	32.87 x 20.87	835 x 530
363012-12	36.00 x 30.00 x 12.00	914 x 762 x 305	14	AW3630P	AW3630GP	32.87 x 26.87	835 x 682
363612-12	36.00 x 36.00 x 12.00	914 x 914 x 305	14	AW3636P	--	32.87 x 32.87	835 x 835
423012-12	42.00 x 30.00 x 12.00	1067 x 762 x 305	14	AW4230P	AW4230GP	38.87 x 26.87	987 x 682
423612-12	42.00 x 36.00 x 12.00	1067 x 914 x 305	14	AW4236P	AW4236GP	38.87 x 32.87	987 x 835
483612-12	48.00 x 36.00 x 12.00	1219v914 x 305	14	AW4836P	AW4836GP	44.87 x 32.87	1140 x 835
603612-12	60.00 x 36.00 x 12.00	1524 x 914 x 305	14	AW6036P	AW6036GP	56.87 x 32.87	1444 x 835
723612-12	72.00 x 36.00 x 12.00	1829 x 914 x 305	14	AW7236P	--	68.87 x 32.87	1749 x 835
242016-12	24.00 x 20.00 x 16.00	610 x 508 x 406	16	AW2420P	AW2420GP	20.87 x 16.87	530 x 428
242416-12	24.00 x 24.00 x 16.00	610 x 610 x 406	14	AW2424P	AW2424GP	20.87 x 20.87	530 x 530
302416-12	30.00 x 24.00 x 16.00	762 x 610 x 406	14	AW3024P	AW3024GP	26.87 x 20.87	682 x 530
363016-12	36.00 x 30.00 x 16.00	914 x 762 x 406	14	AW3630P	AW3630GP	32.87 x 26.87	835 x 682
423616-12	42.00 x 36.00 x 16.00	1067 x 914 x 406	14	AW4236P	AW4236GP	38.87 x 32.87	987 x 835
483616-12	48.00 x 36.00 x 16.00	1219 x 914 x 406	14	AW4836P	AW4836GP	44.87 x 32.87	1140 x 835
603616-12	60.00 x 36.00 x 16.00	1524 x 914 x 406	14	AW6036P	AW6036GP	56.87 x 32.87	1444 x 835
723016-12	72.00 x 30.00 x 16.00	1829 x 762 x 406	14	AW7230P	--	68.87 x 26.87	1749 x 682
302420-12	30.00 x 24.00 x 20.00	762 x 610 x 508	14	AW3024P	AW3024GP	26.87 x 20.87	682 x 530
363020-12	36.00 x 30.00 x 20.00	914 x 762 x 508	14	AW3630P	AW3630GP	32.87 x 26.87	835 x 682
483620-12	48.00 x 36.00 x 20.00	1219 x 914 x 508	14	AW4836P	AW4836GP	44.87 x 32.87	1140 x 835
603620-12	60.00 x 36.00 x 20.00	1524 x 914 x 508	14	AW6036P	AW6036GP	56.87 x 32.87	1444 x 835
723020-12	72.00 x 30.00 x 20.00	1829 x 762 x 508	14	AW7230P	--	68.87 x 26.87	1749 x 682
302424-12	30.00 x 24.00 x 24.00	762 x 610 x 610	14	AW3024P	AW3024GP	26.87 x 20.87	682 x 530
723024-12	72.00 x 30.00 x 24.00	1829 x 762 x 610	14	AW7230P	--	68.87 x 26.87	1749 x 682

Type 12/13 Panel Encl.

Notes: Dimensions are in inches. Millimeters shown are for reference only. Data subject to change without notice.

Type 12 / 13 Panel Enclosures

Wall-Mount Enclosures Type 12 Terminal Data Sheet



Type 12/13 Panel Encl.

Application

- Houses and protects wiring terminals
- Protects against circulating dust, falling dirt and dripping non-corrosive liquids

Standards

- UL 508A listed, Type 12 and Type 13
- CSA C22.2 No.94 certified, Type 12 and Type 13
- Conforms to NEMA standard for Type 12 and Type 13

Finish

- Wash and phosphate undercoat
- ANSI 61 gray polyester powder finish
- Terminal strap assembly has an electrogalvanized finish

Accessories

- Panels
- Extra strap kit
- Terminal blocks
- Type 12 door handle kit
- Floor stand kit
- Touch-up paint
- See Accessories section

Construction

- Enclosure and door are fabricated from code gauge steel, (see table, page 109)
- All continuous welded seams are finished smooth
- Doors are secured to the body with a heavy-duty continuous hinge on one side and easy-to-release door clamps mounted to the opposite side
- Each door has a padlock hasp with sealing hole provision
- Print pocket provided
- Door has a seamless poured in-place gasket
- Ground stud provided on door and body
- Formed lip around enclosure opening diverts liquids and contaminants
- Removable terminal strap assembly is installed on .375-16 collar studs and used for mounting optional terminal blocks, (order terminal blocks separately)
- External mounting feet are provided for secure wall mounting

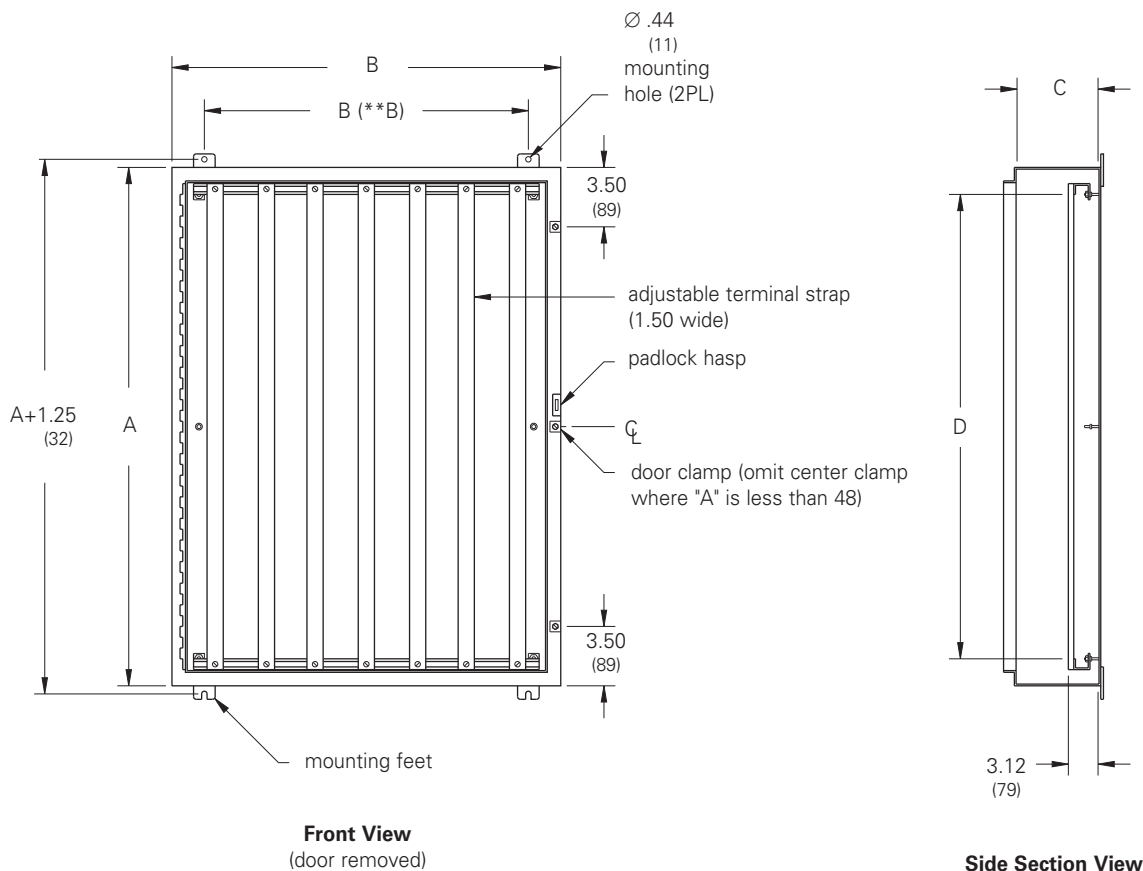
Discount Schedule: C2

Subclass: DH0

Notes: We can provide special sizes, finishes and other modifications. Consult the factory for your special requirements.

Wall-Mount Enclosures Type 12 Terminal Illustration Sheet and Catalog Number

Enclosure Catalog Number	Enclosure Size Height x Width x Depth A x B x C		Gauge	D		Quantity of straps
	in.	mm		in.	mm	
16126-12TE	16.00 x 12.00 x 6.00	406 x 305 x 152	16	11.50	292	2
20166-12TE	20.00 x 16.00 x 6.00	508 x 406 x 152	16	15.50	394	3
20206-12TE	20.00 x 20.00 x 6.00	508 x 508 x 152	16	15.50	394	4
24206-12TE	24.00 x 20.00 x 6.00	610 x 508 x 152	16	19.50	495	4
24246-12TE	24.00 x 24.00 x 6.00	610 x 610 x 152	14	19.50	495	5
30206-12TE	30.00 x 20.00 x 6.00	762 x 508 x 152	14	25.50	648	4
30246-12TE	30.00 x 24.00 x 6.00	762 x 610 x 152	14	25.50	648	5
36246-12TE	36.00 x 24.00 x 6.00	914 x 610 x 152	14	31.50	800	5
36308-12TE	36.00 x 30.00 x 8.00	914 x 762 x 203	14	31.50	800	6
42308-12TE	42.00 x 30.00 x 8.00	1067 x 762 x 203	14	37.50	953	6
48368-12TE	48.00 x 36.00 x 8.00	1219 x 914 x 203	14	43.50	1105	7
60368-12TE	60.00 x 36.00 x 8.00	1524 x 914 x 203	14	55.50	1410	7



Note: Dimensions: **B = (-2.50) if 12 inches wide;
(-6.00) if wider than 12 inches.

Notes: Dimensions are in inches. Millimeters shown are for reference only. Data subject to change without notice.

Type 12 / 13 Panel Enclosures

Wall-Mount Enclosures

Type 12 Double-Door with 3-Point Locking

Data Sheet and Catalog Number



Type 12/13 Panel Encl.

Finish

- Wash and phosphate undercoat
- ANSI 61 gray polyester powder finish

Accessories

- Panels
- NEMA terminal strap kit
- Terminal blocks
- Floor stand kit
- Touch-up paint
- Replacement handle, 00011184A (see page 427).
- See Accessories section

Construction

- Enclosure and door are fabricated from (14) gauge steel
- All continuous welded seams are finished smooth
- Doors are secured to the body with a heavy-duty continuous hinge and a center locating 3-point padlock handle mechanism which closes the right side door over the left
- Print pocket provided
- Doors have a gasket
- Ground stud provided on door and body
- No center post for complete front access
- .375-16 collar studs are provided for mounting optional panel
- External mounting feet are provided for secure wall mounting

Application

- Houses electrical controls and instruments
- Protects against circulating dust, falling dirt and dripping non-corrosive liquids

Standards

- UL 508A listed, Type 12 and Type 13
- CSA C22.2 No.94 certified, Type 12 and Type 13
- Conforms to NEMA standard for Type 12 and Type 13

Discount Schedule: C2

Subclass: DK0

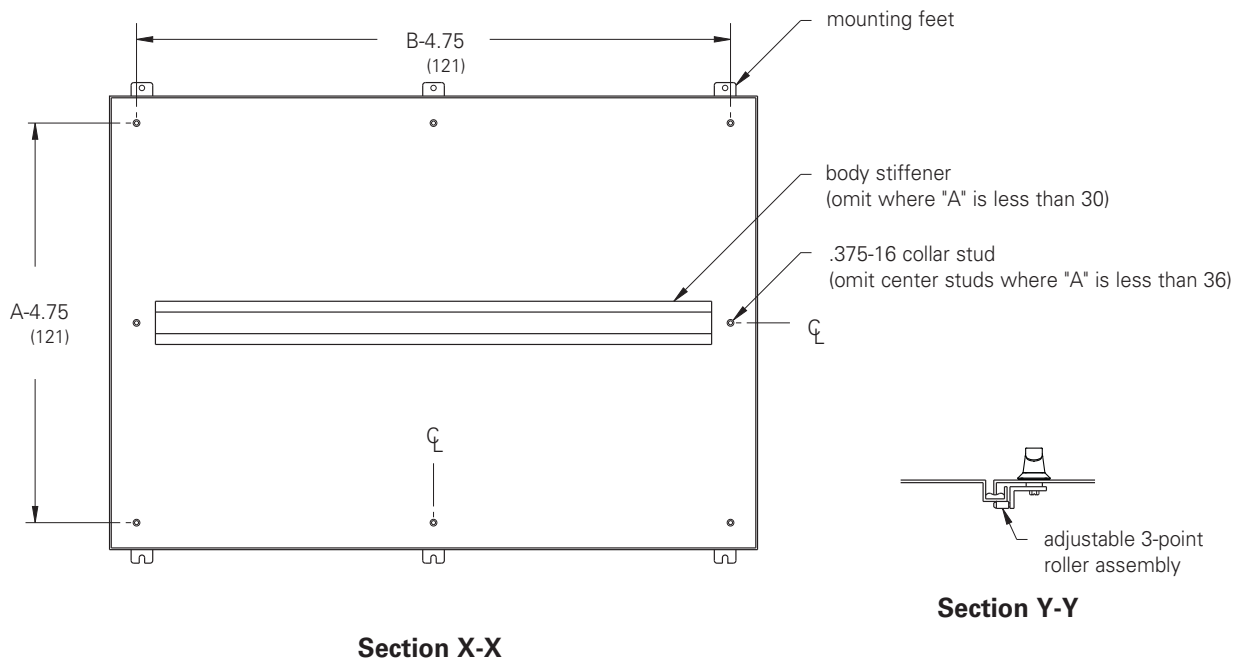
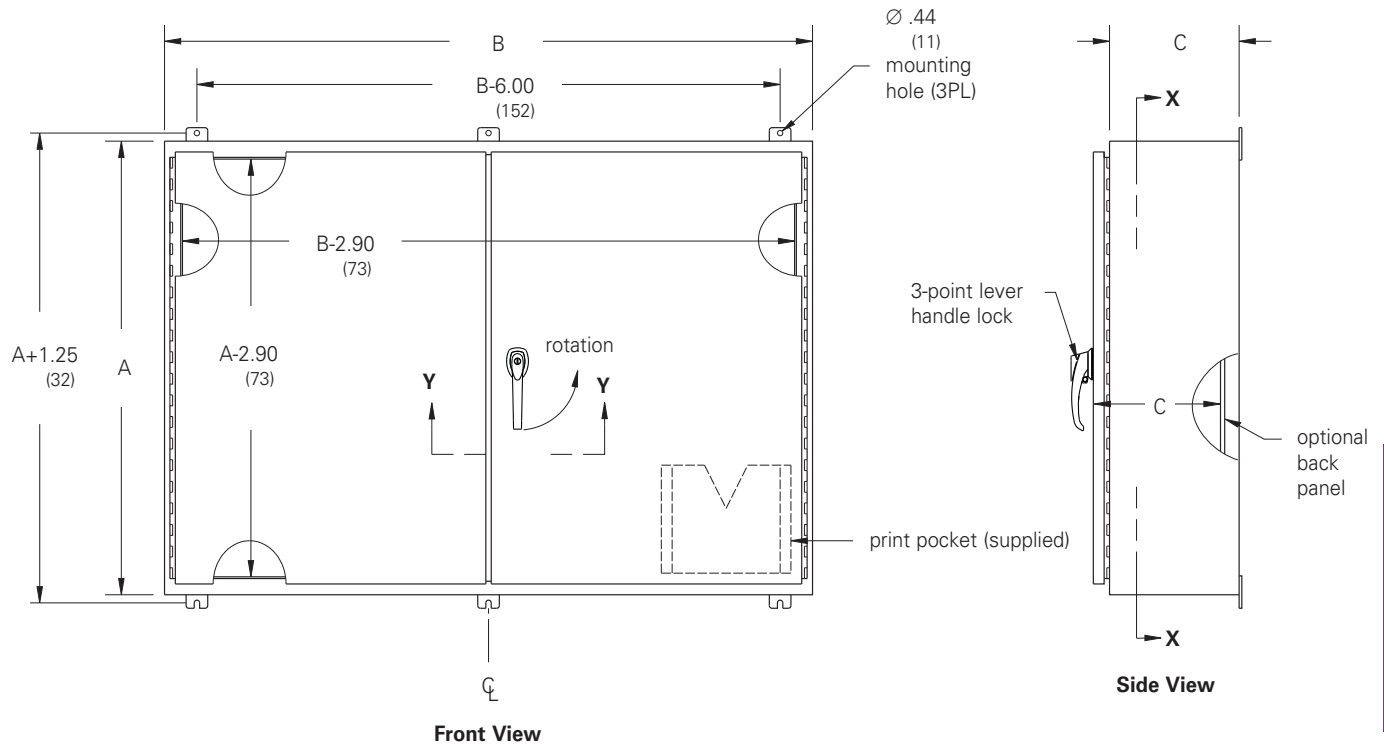
Enclosure Catalog Number	Enclosure Size Height x Width x Depth A x B x C in.		Panel Catalog Number	Panel Size Height x Width in. mm	
24428-12D	24.00 x 42.00 x 8.00	610 x 1067 x 203	AW4224P	20.87 x 38.87	530 x 987
24488-12D	24.00 x 48.00 x 8.00	610 x 1219 x 203	AW4824P	20.87 x 44.87	530 x 1140
304210-12D	30.00 x 42.00 x 10.00	762 x 1067 x 254	AW4230P	26.87 x 38.87	682 x 987
304810-12D	30.00 x 48.00 x 10.00	762 x 1219 x 254	AW4830P	26.87 x 44.87	682 x 1140
306010-12D	30.00 x 60.00 x 10.00	762 x 1524 x 254	AW6030P	26.87 x 56.87	682 x 1444
364212-12D	36.00 x 42.00 x 12.00	914 x 1067 x 305	AW4236P	32.87 x 38.87	835 x 987
364812-12D	36.00 x 48.00 x 12.00	914 x 1219 x 305	AW4836P	32.87 x 44.87	835 x 1140
366012-12D	36.00 x 60.00 x 12.00	914 x 1524 x 305	AW6036P	32.87 x 56.87	835 x 1444
424212-12D	42.00 x 42.00 x 12.00	1067 x 1067 x 305	AW4242P	38.87 x 38.87	987 x 987
424812-12D	42.00 x 48.00 x 12.00	1067 x 1219 x 305	AW4842P	38.87 x 44.87	987 x 1140
426012-12D	42.00 x 60.00 x 12.00	1067 x 1524 x 305	AW6042P	38.87 x 56.87	987 x 1444
484812-12D	48.00 x 48.00 x 12.00	1219 x 1219 x 305	AW4848P	44.87 x 44.87	1140 x 1140

Notes: We can provide special sizes, finishes and other modifications. Consult the factory for your special requirements.

Wall-Mount Enclosures

Type 12 Double-Door with 3-Point Locking

Illustration Sheet



Notes: Dimensions are in inches. Millimeters shown are for reference only. Data subject to change without notice.

Type 12 / 13 Panel Enclosures

Ground-Mount Enclosures

Type 12 Double-Door Floor-Standing with 3-Point Locking

Data Sheet and Catalog Number



Application

- Houses electrical controls and instruments
- Protects against circulating dust, falling dirt and dripping non-corrosive liquids

Standards

- UL 508A listed, Type 12
- CSA C22.2 No.94 certified, Type 12
- Conforms to NEMA standard for Type 12

Finish

- Wash and phosphate undercoat
- ANSI 61 gray polyester powder finish

Accessories

- Panels
- Leg stabilizer kit
- Touch-up paint
- Replacement handle, BD-PKHB, (see page 429)
- See Accessories section

Construction

- Enclosure and door are fabricated from (12) gauge steel
- All continuous welded seams are finished smooth
- Doors are secured to the body with removable concealed hinges and a center locating 3-point key-locking and padlock handle mechanism which closes the right side door over the left door
- Modern bevel profile on hinge side of enclosure doors
- Print pocket provided
- Doors have an oil-resistant gasket
- Ground stud provided on doors and body
- No center post for complete front access
- Heavy gauge panel supports and .375-16 collar studs are provided for mounting optional panel
- Large lifting eyebolts are supplied
- Mounting legs are provided for floor mounting

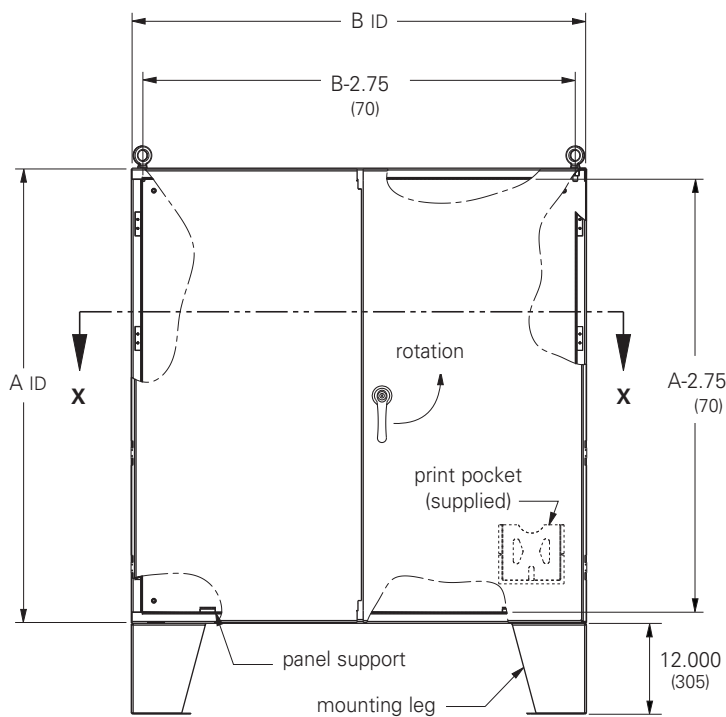
Discount Schedule: C2

Subclass: DK0

Enclosure	Enclosure Size		Panel	Panel Size	
	Height x Width x Depth				
Catalog Number	in.	mm	Catalog Number	in.	mm
54428-12FD	54.00 x 42.00 x 8.00	1372 x 1067 x 203	AW5442P	49.87 x 37.87	1267 x 962
60488-12FD	60.00 x 48.00 x 8.00	1524 x 1219 x 203	AW6048P	55.87 x 43.87	1419 x 1114
604810-12FD	60.00 x 48.00 x 10.00	1524 x 1219 x 254	AW6048P	55.87 x 43.87	1419 x 1114
606010-12FD	60.00 x 60.00 x 10.00	1524 x 1524 x 254	AW6060P	55.87 x 55.87	1419 x 1419
726010-12FD	72.00 x 60.00 x 10.00	1829 x 1524 x 254	AW7260P	67.87 x 55.87	1724 x 1419
727210-12FD	72.00 x 72.00 x 10.00	1829 x 1829 x 254	AW7272P	67.87 x 67.87	1724 x 1724
604812-12FD	60.00 x 48.00 x 12.00	1524 x 1219 x 305	AW6048P	55.87 x 43.87	1419 x 1114
606012-12FD	60.00 x 60.00 x 12.00	1524 x 1524 x 305	AW6060P	55.87 x 55.87	1419 x 1419
726012-12FD	72.00 x 60.00 x 12.00	1829 x 1524 x 305	AW7260P	67.87 x 55.87	1724 x 1419
727212-12FD	72.00 x 72.00 x 12.00	1829 x 1829 x 305	AW7272P	67.87 x 67.87	1724 x 1724
604816-12FD	60.00 x 48.00 x 16.00	1524 x 1219 x 406	AW6048P	55.87 x 43.87	1419 x 1114
606016-12FD	60.00 x 60.00 x 16.00	1524 x 1524 x 406	AW6060P	55.87 x 55.87	1419 x 1419
726016-12FD	72.00 x 60.00 x 16.00	1829 x 1524 x 406	AW7260P	67.87 x 55.87	1724 x 1419
727216-12FD	72.00 x 72.00 x 16.00	1829 x 1829 x 406	AW7272P	67.87 x 67.87	1724 x 1724
604820-12FD	60.00 x 48.00 x 20.00	1524 x 1219 x 508	AW6048P	55.87 x 43.87	1419 x 1114
726020-12FD	72.00 x 60.00 x 20.00	1829 x 1524 x 508	AW7260P	67.87 x 55.87	1724 x 1419
727220-12FD	72.00 x 72.00 x 20.00	1829 x 1829 x 508	AW7272P	67.87 x 67.87	1724 x 1724
604824-12FD	60.00 x 48.00 x 24.00	1524 x 1219 x 610	AW6048P	55.87 x 43.87	1419 x 1114
606024-12FD	60.00 x 60.00 x 24.00	1524 x 1524 x 610	AW6060P	55.87 x 55.87	1419 x 1419
726024-12FD	72.00 x 60.00 x 24.00	1829 x 1524 x 610	AW7260P	67.87 x 55.87	1724 x 1419
727224-12FD	72.00 x 72.00 x 24.00	1829 x 1829 x 610	AW7272P	67.87 x 67.87	1724 x 1724

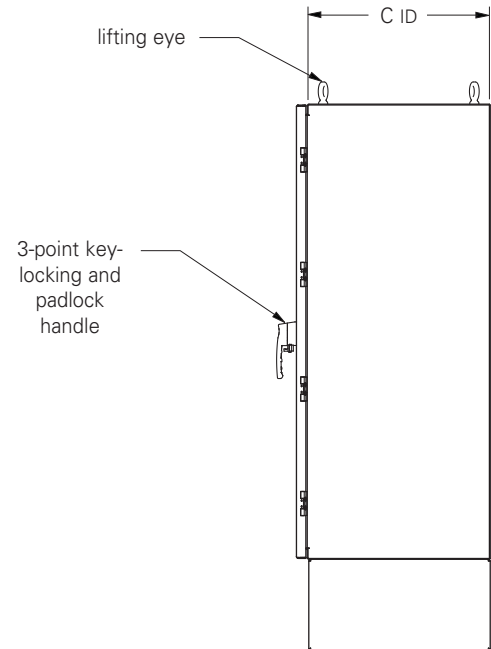
Notes: Dimensions are in inches. Millimeters shown are for reference only. Data subject to change without notice.

Ground-Mount Enclosures Type 12 Double-Door Floor-Standing with 3-Point Locking Illustration Sheet

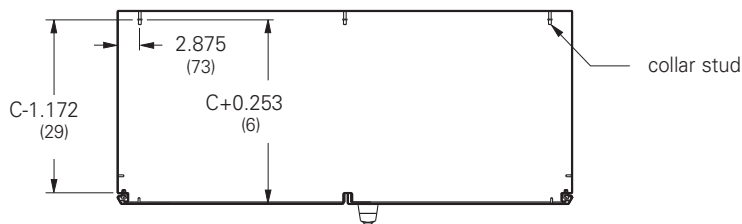


Front View

ID = Inside Dimension



Side View



Section X-X

Notes: Four lifting eyes are furnished when C dimensions is 20.00 (508 mm) and larger.
Dimensions are in inches. Millimeters shown are for reference only. Data subject to change without notice.

Type 12 / 13 Panel Enclosures

Ground-Mount Enclosures

Type 12 Double-Door Free-Standing with 3-Point Locking

Data Sheet

Type 12/13 Panel Encl.



**Double-Door
Single-Access**

See page 115



**Double-Door
Dual-Access**

See page 116

Application

- Houses electrical controls and instruments
- Easy access panels or rack-mounts for housing optional equipment
- Dual-access construction available for back-to-back panel and equipment mounting
- Protects against circulating dust, falling dirt and dripping non-corrosive liquids

Standards

- UL 508A listed, Type 12
- CSA C22.2 No.94 certified, Type 12
- Conforms to NEMA standard for Type 12
- E.I.A. RS-310-D

Finish

- Wash and phosphate undercoat
- ANSI 61 gray polyester powder finish

Accessories

- Full and half panels
- Side panels
- Swing panels
- Center post
- Rack mount angles and swing out frames (see pages 189 - 190)
- Channel mounting hardware
- Touch-up paint
- Replacement handle, BD-PKHB, (see page 429)
- See Accessories section

Construction

- Enclosure and door are fabricated from (12) gauge steel
- All continuous welded seams are finished smooth
- Doors are secured to the body with removable concealed hinges and a center locating 3-point key-locking and padlock handle mechanism which closes the right side door over the left door
- Modern bevel profile on hinge side of enclosure doors
- Doors have an oil-resistant gasket
- Ground stud provided on doors and body
- Print pocket provided
- Large lifting eyebolts are supplied
- Mounting channels are welded inside for locating panels along enclosure depth
- Dual-access enclosures permit back-to-back panel mounting
- Swing panels, single full and single half panels can be installed in double-door enclosures when the center post is used
- A variety of optional panels and accessories are available, (see accessories pages 120-128)
- Two styles of enclosure construction:
 1. Double-door, single-access
 2. Double-door, dual-access

Discount Schedule: C2

Subclass: DM0

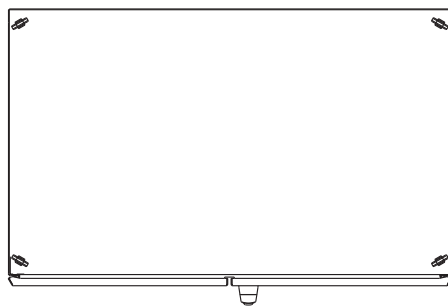
Notes: We can provide special sizes, finishes and other modifications. Consult the factory for your special requirements.

Ground-Mount Enclosures

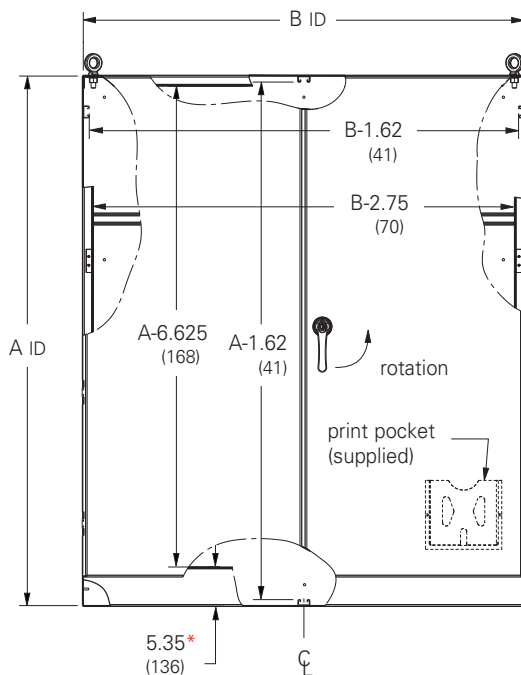
Type 12 Double-Door Single-Access Free-Standing with 3-Point Locking

Illustration Sheet and Catalog Number

Enclosure Catalog Number ANSI 61 Gray Carbon Steel	Enclosure Size Height x Width x Depth A x B x C		D		E	
	in.	mm	in.	mm	in.	mm
604818-12FSD	60.00 x 48.00 x 18.00	1524 x 1219 x 457	23.12	587	32.00	813
724818-12FSD	72.00 x 48.00 x 18.00	1829 x 1219 x 457	29.12	740	38.00	965
726018-12FSD	72.00 x 60.00 x 18.00	1829 x 1524 x 457	29.12	740	38.00	965
727218-12FSD	72.00 x 72.00 x 18.00	1829 x 1829 x 457	29.12	740	38.00	965
904820-12FSD	90.00 x 48.00 x 20.00	2286 x 1219 x 508	38.12	968	47.00	1194
907220-12FSD	90.00 x 72.00 x 20.00	2286 x 1829 x 508	38.12	968	47.00	1194
724824-12FSD	72.00 x 48.00 x 24.00	1829 x 1219 x 610	29.12	740	38.00	965
726024-12FSD	72.00 x 60.00 x 24.00	1829 x 1524 x 610	29.12	740	38.00	965
727224-12FSD	72.00 x 72.00 x 24.00	1829 x 1829 x 610	29.12	740	38.00	965
907224-12FSD	90.00 x 72.00 x 24.00	2286 x 1829 x 610	38.12	968	47.00	1194
726036-12FSD	72.00 x 60.00 x 36.00	1829 x 1524 x 914	29.12	740	38.00	965
907236-12FSD	90.00 x 72.00 x 36.00	2286 x 1829 x 914	38.12	968	47.00	1194

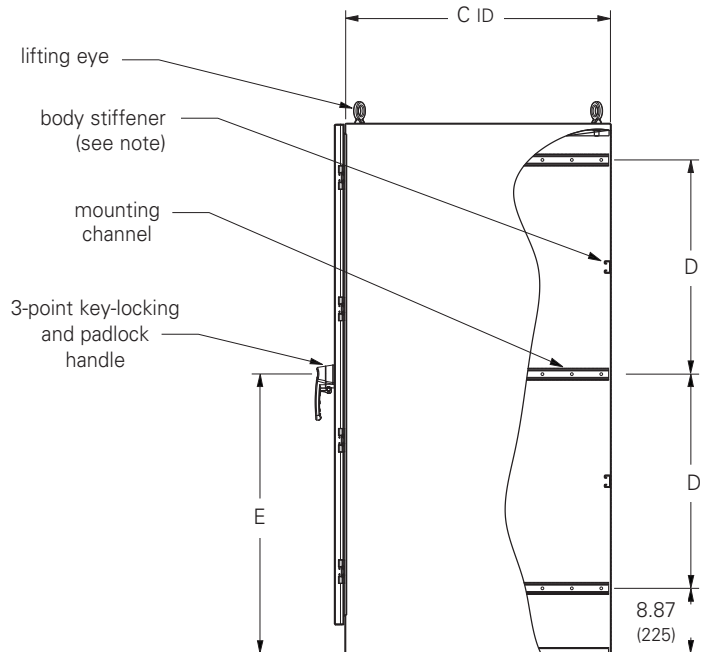


Top View



Front View

ID = Inside Dimension



Side View

* From flange opening to bottom of enclosure

Notes: Two body stiffeners spaced evenly along enclosure height. Two lifting eyes are furnished when C dimension is less than 36.00 (914 mm). Dimensions are in inches. Millimeters shown are for reference only. Data subject to change without notice.

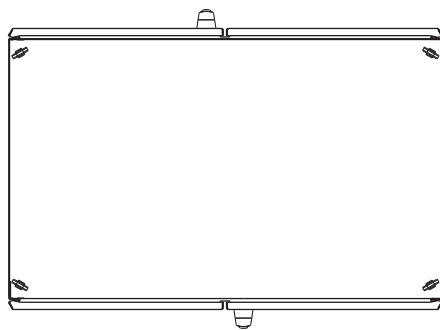
Type 12 / 13 Panel Enclosures

Ground-Mount Enclosures

Type 12 Double-Door Dual-Access Free-Standing with 3-Point Locking

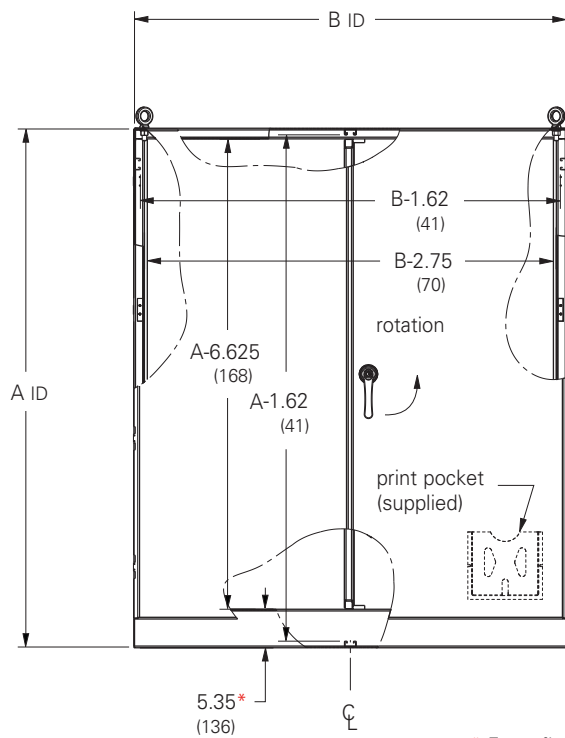
Illustration Sheet and Catalog Number

Enclosure Catalog Number ANSI 61 Gray Carbon Steel	Enclosure Size Height x Width x Depth A x B x C		D		E	
	in.	mm	in.	mm	in.	mm
724824-12FSDDA	72.00 x 48.00 x 24.00	1829 x 1219 x 610	29.12	740	38.00	965
726024-12FSDDA	72.00 x 60.00 x 24.00	1829 x 1524 x 610	29.12	740	38.00	965
727224-12FSDDA	72.00 x 72.00 x 24.00	1829 x 1829 x 610	29.12	740	38.00	965
907224-12FSDDA	90.00 x 72.00 x 24.00	2286 x 1829 x 610	38.12	968	47.00	1194
726036-12FSDDA	72.00 x 60.00 x 36.00	1829 x 1524 x 914	29.12	740	38.00	965



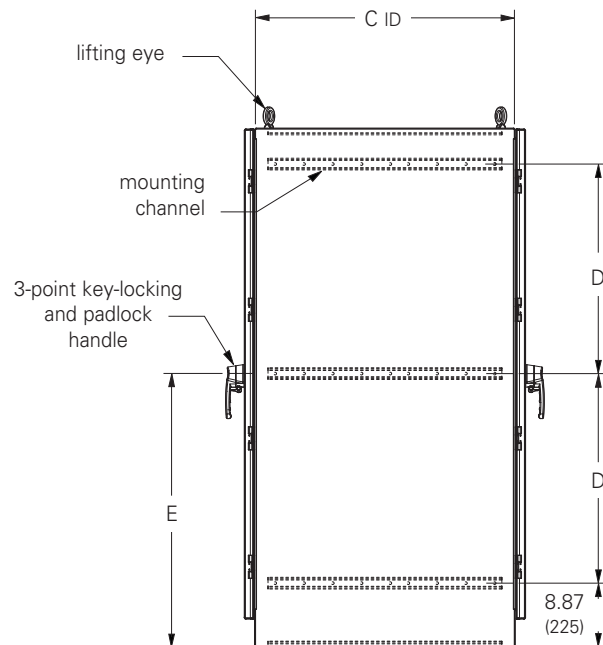
Top View

ID = Inside Dimension



Front View

* From flange opening to bottom of enclosure



Side View

Notes: Two lifting eyes are furnished when C dimension is less than 36.00 (914 mm).

Dimensions are in inches. Millimeters shown are for reference only. Data subject to change without notice.

Type 12 / 13 Panel Enclosures

Free-Standing Enclosure Accessories Type 12 Single-Door Full and Half Panel Illustration Sheet and Catalog Number

Discount Schedule: C2

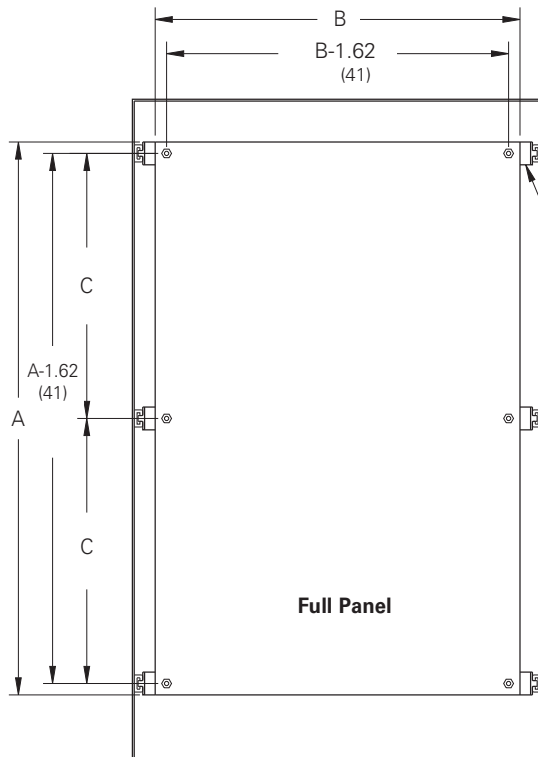
Subclass: DSD

Full Panel (Single-Door)

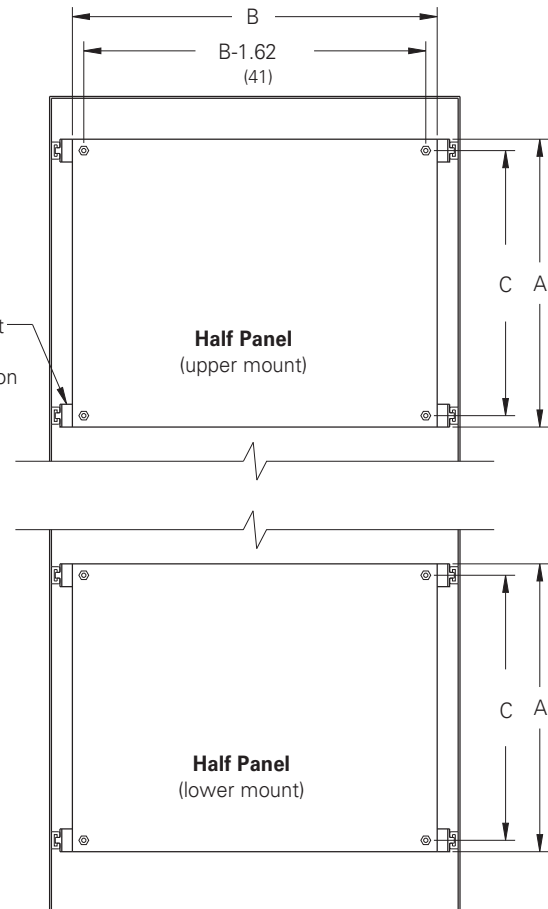
Panel Catalog Number	Panel Size Height x Width A x B		C		Fits Enclosure Height x Width	
	in.	mm	in.	mm	in.	mm
AF6024P	47.87 x 19.87	1216 x 505	23.12	587	60.00 x 24.00	1524 x 610
AF6036P	47.87 x 31.87	1216 x 809	23.12	587	60.00 x 36.00	1524 x 914
AF7224P	59.87 x 19.87	1521 x 505	29.12	740	72.00 x 24.00	1829 x 610
AF7230P	59.87 x 25.87	1521 x 657	29.12	740	72.00 x 30.00	1829 x 762
AF7236P	59.87 x 31.87	1521 x 809	29.12	740	72.00 x 36.00	1829 x 914
AF9024P	77.87 x 19.87	1978 x 505	38.12	968	90.00 x 24.00	2286 x 610
AF9036P	77.87 x 31.87	1978 x 809	38.12	968	90.00 x 36.00	2286 x 914

Half Panel (Single-Door)

Panel Catalog Number	Panel Size Height x Width A x B		C		Fits Enclosure Height x Width	
	in.	mm	in.	mm	in.	mm
AF6024HP	24.75 x 19.87	629 x 505	23.12	587	60.00 x 24.00	1524 x 610
AF6036HP	24.75 x 31.87	629 x 809	23.12	587	60.00 x 36.00	1524 x 914
AF7224HP	30.75 x 19.87	781 x 505	29.12	587	72.00 x 24.00	1829 x 610
AF7230HP	30.75 x 25.87	781 x 657	29.12	587	72.00 x 30.00	1829 x 762
AF7236HP	30.75 x 31.87	781 x 809	29.12	587	72.00 x 36.00	1829 x 914
AF9024HP	39.75 x 19.87	1010 x 505	38.12	968	90.00 x 24.00	2286 x 610
AF9036HP	39.75 x 31.87	1010 x 809	38.12	968	90.00 x 36.00	2286 x 914



Full Panel Mounting



Half Panel Mounting

Note: Full and Half panel for single-door, single and dual-access enclosures are (12) gauge steel and furnished with panel side brackets and all hardware necessary for channel and panel mounting. Half Panels can be mounted in either the upper or lower portion of the enclosure. Free standing design permits the panel to adjust along the depth of the enclosure. With dual-access enclosures, Full and Half panels can be mounted back-to-back.

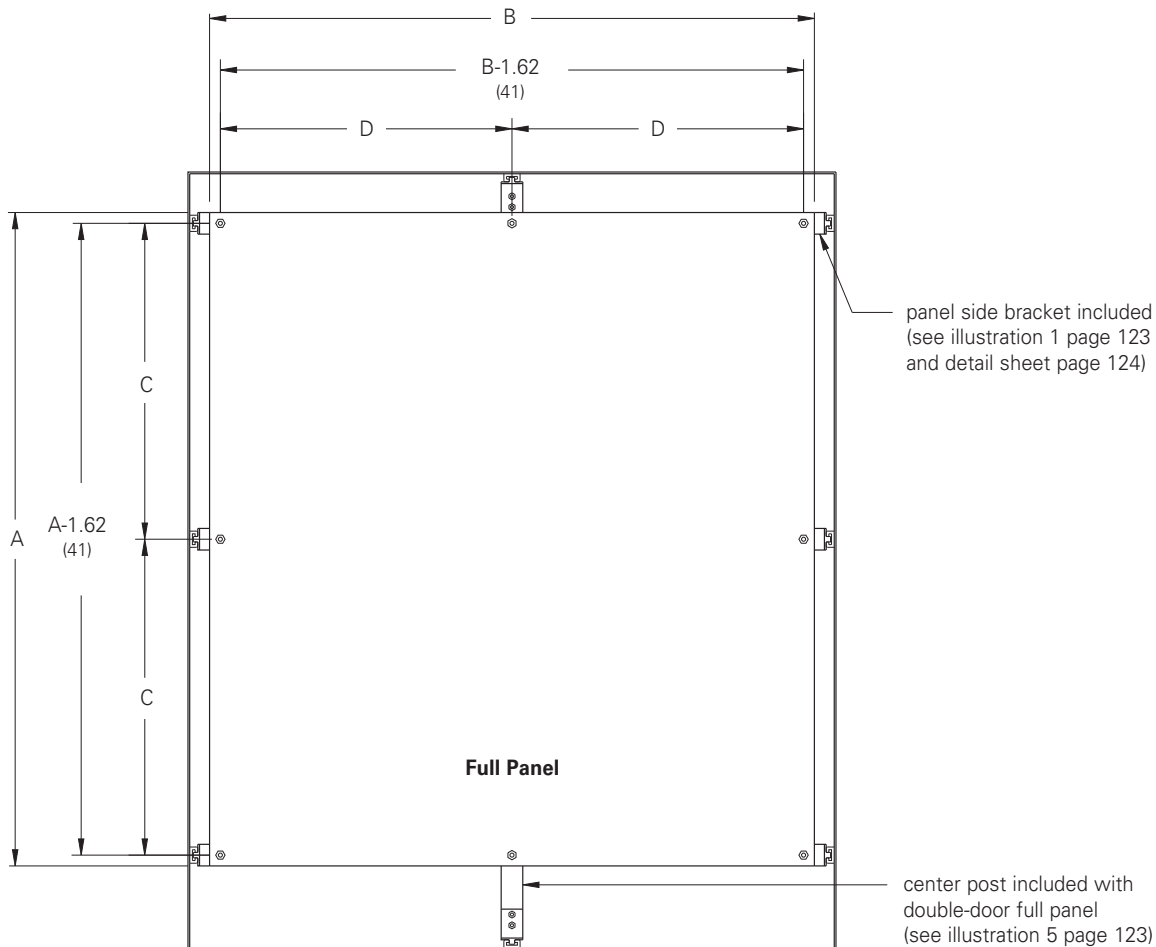
Notes: Dimensions are in inches. Millimeters shown are for reference only. Data subject to change without notice.

Type 12 / 13 Panel Enclosures

Free-Standing Enclosure Accessories Type 12 Double-Door Full Panel Illustration Sheet and Catalog Number

Discount Schedule: C2
Subclass: DSD

Panel Catalog Number	Panel Size						Fits Enclosure	
	Height x Width A x B		C		D		Height x Width	
	in.	mm	in.	mm	in.	mm	in.	mm
AF6048P	47.87 x 43.87	1216 x 1114	23.12	587	21.12	530	60.00 x 48.00	1524 x 1219
AF6060P	47.87 x 55.87	1216 x 1419	23.12	587	27.12	689	60.00 x 60.00	1524 x 1524
AF7248P	59.87 x 43.87	1521 x 1114	29.12	740	21.12	530	72.00 x 48.00	1829 x 1219
AF7260P	59.87 x 55.87	1521 x 1419	29.12	740	27.12	689	72.00 x 60.00	1829 x 1524
AF7272P	59.87 x 67.87	1521 x 1724	29.12	740	33.12	841	72.00 x 72.00	1829 x 1829
AF9048P	77.87 x 43.87	1978 x 1114	38.12	968	21.12	530	90.00 x 48.00	2286 x 1219
AF9072P	77.87 x 67.87	1978 x 1724	38.12	968	33.12	841	90.00 x 72.00	2286 x 1829



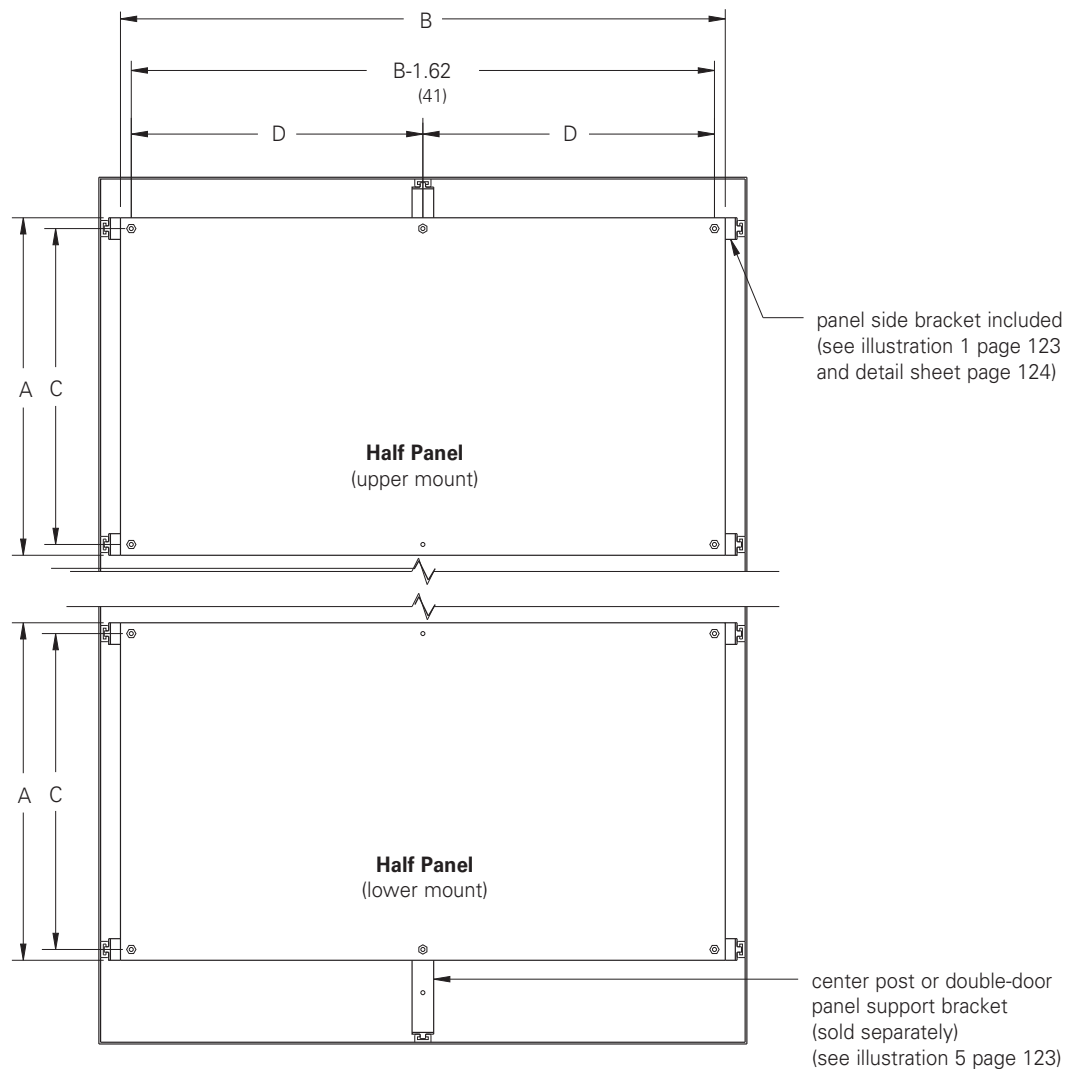
Notes: Full Panel for double-door, single and dual-access enclosures are (10) gauge steel and furnished with Panel Brackets, Center Post assembly, panel handle kit and all hardware necessary for channel and panel mounting. The Center Post assembly offers additional support of panel and equipment. Free-standing design permits the panel to adjust along the depth of the enclosure. With dual-access enclosures, Full and Half Panels can be mounted back-to-back.

Notes: Dimensions are in inches. Millimeters shown are for reference only. Data subject to change without notice.

Free-Standing Enclosure Accessories Type 12 Double-Door Half Panel Illustration Sheet and Catalog Number

Discount Schedule: C2
Subclass: DSD

Panel Catalog Number	Panel Size						Fits Enclosure	
	Height x Width A x B						Height x Width	
	in.	mm	in.	mm	in.	mm	in.	mm
AF6048HP	24.75x43.87	629x1114	23.12	587	21.12	536	60.00x48.00	1524x1219
AF7248HP	30.75x43.87	781x1114	29.12	740	21.12	536	72.00x48.00	1829x1219
AF7260HP	30.75x55.87	781x1419	29.12	740	7.12	181	72.00x60.00	1829x1524
AF7272HP	30.75x67.87	781x1724	29.12	740	33.12	841	72.00x72.00	1829x1829
AF9048HP	39.75x43.87	1010x1114	38.12	968	21.12	536	90.00x48.00	2286x1219
AF9072HP	39.85x67.87	1012x1724	38.12	968	33.12	841	90.00x72.00	2286x1829



Half Panel Mounting

Note: Half panel for double-door, single and dual-access enclosures are (12) gauge steel and furnished with Panel Brackets and all hardware necessary for channel and panel mounting. **A Center Post assembly or a double-door panel support bracket (catalog number AFSUP2) for additional support of the panel is optional and sold separately.** Free-standing design permits the panel to adjust along the depth of the enclosure. With dual-access enclosures, Full and Half Panels can be mounted back-to-back.

Notes: Dimensions are in inches. Millimeters shown are for reference only. Data subject to change without notice.

Type 12 / 13 Panel Enclosures

Free-Standing Enclosure Accessories

Type 12

Side Panel And Center Post

Illustration Sheet and Catalog Number

Discount Schedule: C2
Subclass: DSD

Side Panel

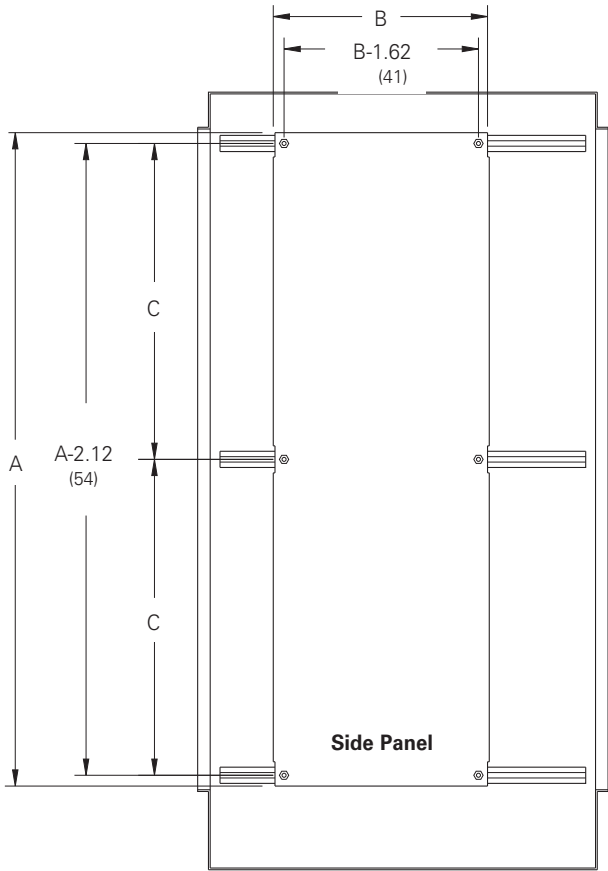
Panel	Panel Size		C	Fits Enclosure	
	Height	Width		Height	Depth*
Catalog Number	A	B			
	in.	mm	in.	mm	in.
AF6018SP	48.37 x 13.87	1229 x 340	23.12 587	60.00 1524	18.00 457
AF7218SP	60.37 x 13.87	1533 x 340	29.12 740	72.00 1829	18.00 457
AF7224SP	60.37 x 19.87	1533 x 505	29.12 740	72.00 1829	24.00 610
AF9018SP	78.37 x 13.87	1991 x 340	38.12 968	90.00 2286	18.00 457
AF9024SP	78.37 x 19.87	1991 x 505	38.12 968	90.00 2286	24.00 457

* Back panels restrict the movement of side panels and will prohibit mounting in some depths. See detail sheet for back panel spacing.

Center Post

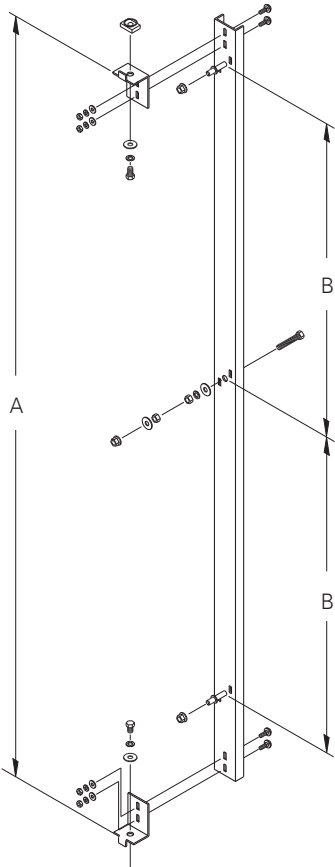
Center Post	A		B		Fits Enclosure	
	Height	Width	Height	Width	Height	Width
Catalog Number	in.	mm	in.	mm	in.	mm
AF60CPS	58.37	1483	23.12	587	60.00	1524
AF72CPS	70.37	1787	29.12	740	72.00	1829
AF90CPS	88.37	2245	38.12	968	90.00	2286

Type 12/13 Panel Encl.



Side Panel Mounting

Side Panels are (12) gauge steel and furnished with hardware necessary for channel mounting. They will fit any width enclosure and are adjustable along its depth, however, when Full or Half Panels are installed, movement will be restricted and with some depths make side mounting prohibitive.



Center Post Assembly

Center Post assembly is furnished with all double-door Full Panels and includes hardware necessary for channel and panel mounting. The Center Post is optional on double-door Half Panels and Swing Panel mounting and must be ordered separately. It attaches to the top and bottom channels making it adjustable along the depth of the enclosure. See illustration #5 on the Detail Sheet-page 123.

Notes: Dimensions are in inches. Millimeters shown are for reference only. Data subject to change without notice.

Type 12 / 13 Panel Enclosures

Free-Standing Enclosure Accessories Type 12 Single-Door Full and Half Swing Panel Illustration Sheet and Catalog Number

Discount Schedule: C2

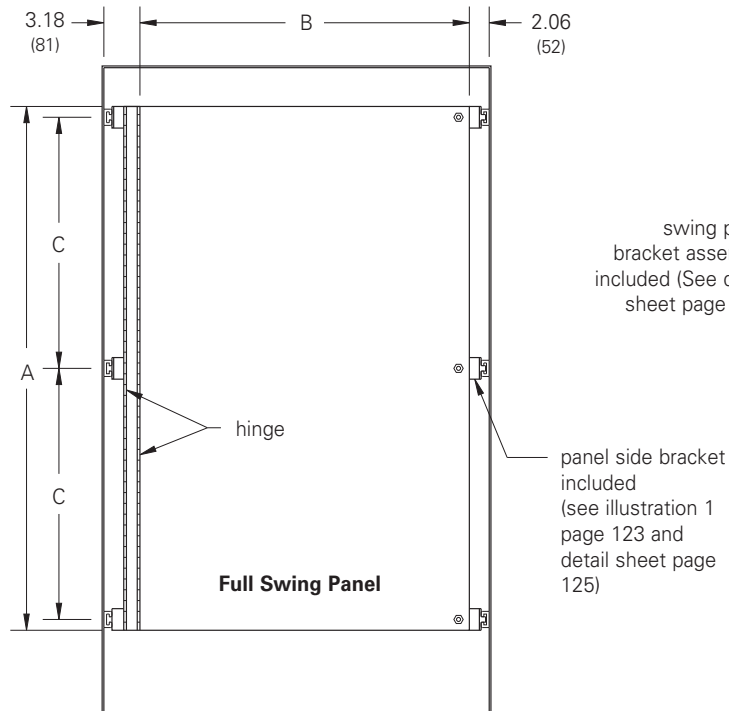
Subclass: DSD

Full Swing Panel (Single-Door)

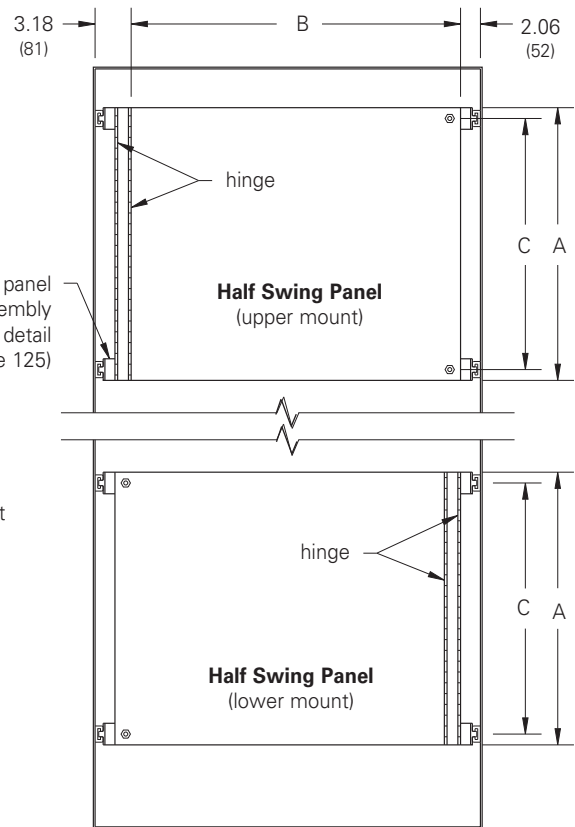
Panel Catalog Number	Panel Size Height x Width A x B		C		Fits Enclosure Height x Width	
	in.	mm	in.	mm	in.	mm
AF6024SWP	47.87 x 18.75	1216 x 476	23.12	587	60.00 x 24.00	1524 x 610
AF6036SWP	47.87 x 30.75	1216 x 781	23.12	587	60.00 x 36.00	1524 x 914
AF7224SWP	59.87 x 18.75	1521 x 476	29.12	740	72.00 x 24.00	1829 x 610
AF7230SWP	59.87 x 24.75	1521 x 629	29.12	740	72.00 x 30.00	1829 x 762
AF7236SWP	59.87 x 30.75	1521 x 781	29.12	740	72.00 x 36.00	1829 x 914
AF9024SWP	77.87 x 18.75	1978 x 476	38.12	968	90.00 x 24.00	2286 x 610
AF9036SWP	77.87 x 30.75	1978 x 781	38.12	968	90.00 x 36.00	2286 x 914

Half Swing Panel (Single-Door)

Panel Catalog Number	Panel Size Height x Width A x B		C		Fits Enclosure Height x Width	
	in.	mm	in.	mm	in.	mm
AF6024HWP	24.75 x 18.75	629 x 476	23.12	587	60.00 x 24.00	1524 x 610
AF6036HWP	24.75 x 30.75	629 x 781	23.12	587	60.00 x 36.00	1524 x 914
AF7224HWP	30.75 x 18.75	781 x 476	29.12	740	72.00 x 24.00	1829 x 610
AF7230HWP	30.75 x 24.75	781 x 629	29.12	740	72.00 x 30.00	1829 x 762
AF7236HWP	30.75 x 30.75	781 x 781	29.12	740	72.00 x 36.00	1829 x 914
AF9024HWP	39.75 x 18.75	1010 x 476	38.12	968	90.00 x 24.00	2286 x 610
AF9036HWP	39.75 x 30.75	1010 x 781	38.12	968	90.00 x 36.00	2286 x 914



Full Swing Panel Mounting



Half Swing Panel Mounting

Note: Full Swing Panel and Half Swing Panel for single-door, single and dual-access enclosures are (12) gauge steel, have a dual hinge swing panel bracket and furnished with Panel Brackets and all hardware necessary for channel and panel mounting. Panels can be installed so they hinge on either the left or right side. In addition, Half Panels can be mounted in either the upper or lower portion of the enclosure. Free-standing design permits the panel to be adjustable along the depth of the enclosure. The dual hinge will allow the inner panel to swing completely out of the door opening when within 5.50 inches of the front. With dual-access enclosures, Full and Half Swing Panels can be mounted back-to-back.

Notes: Dimensions are in inches. Millimeters shown are for reference only. Data subject to change without notice.

Type 12 / 13 Panel Enclosures

Free-Standing Enclosure Accessories Type 12 Double-Door Full and Half Swing Panel Illustration Sheet and Catalog Number

Discount Schedule: C2

Subclass: DSD

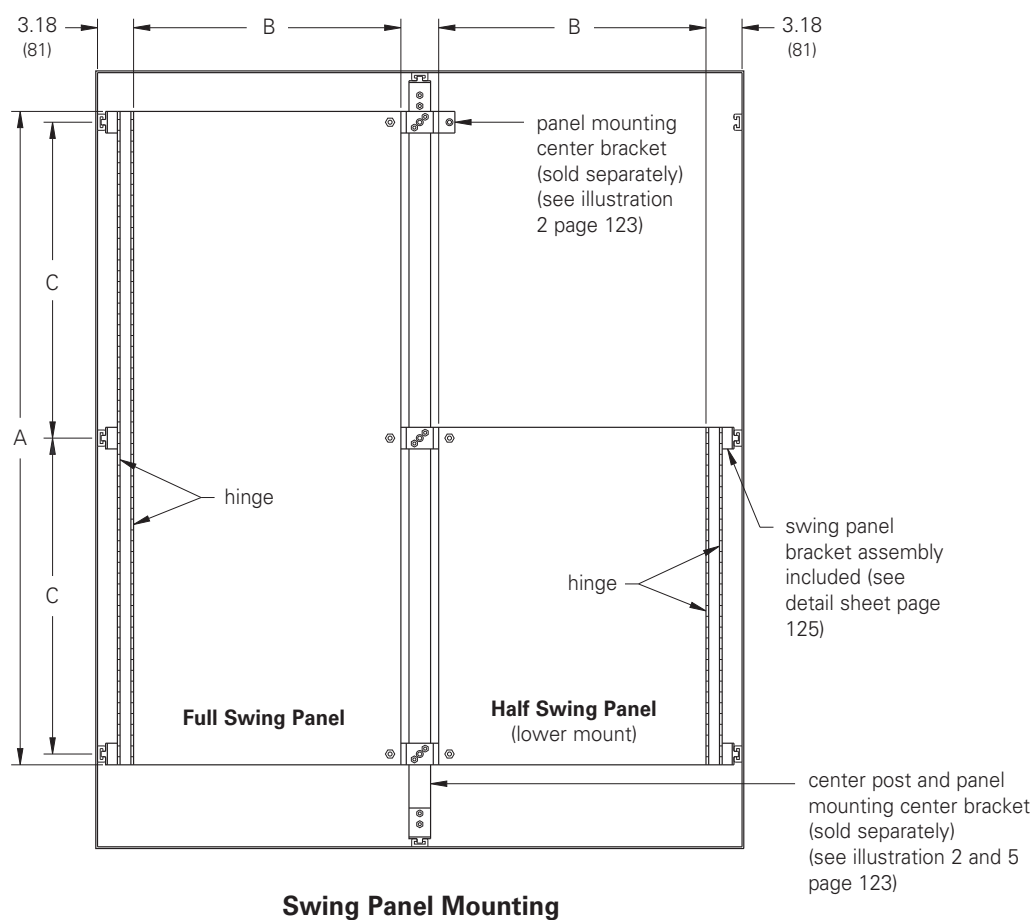
Full Swing Panel (Single-Door)

Panel Catalog Number	Panel Size		C		Fits	
	Height x Width A x B	mm			Height x Width in. mm	mm
AF6024SWP	47.87 x 18.75	1216 x 476	23.12	587	60.00 x 48.00	1524 x 1219
AF7224SWP	59.87 x 18.75	1521 x 476	29.12	740	72.00 x 48.00	1829 x 1219
AF7230SWP	59.87 x 24.75	1521 x 629	29.12	740	72.00 x 60.00	1829 x 1524
AF7236SWP	59.87 x 30.75	1521 x 781	29.12	740	72.00 x 72.00	1829 x 1829
AF9024SWP	77.87 x 18.75	1978 x 781	38.12	968	90.00 x 48.00	2286 x 1219
AF9036SWP	77.87 x 30.75	1978 x 781	38.12	968	90.00 x 72.00	2286 x 1829

Half Swing Panel (Single-Door)

Panel Catalog Number	Panel Size		C		Fits	
	Height x Width A x B	mm			Height x Width in. mm	mm
AF6024HWP	24.75 x 18.75	629 x 476	23.12	587	60.00 x 48.00	1524 x 1219
AF7224HWP	30.75 x 18.75	781 x 476	29.12	740	72.00 x 48.00	1829 x 1219
AF7230HWP	30.75 x 24.75	781 x 629	29.12	740	72.00 x 60.00	1829 x 1524
AF7236HWP	30.75 x 30.75	781 x 781	29.12	740	72.00 x 72.00	1829 x 1829
AF9024HWP	39.75 x 18.75	1010 x 476	38.12	968	90.00 x 48.00	2286 x 1219
AF9036HWP	39.75 x 30.75	1010 x 781	38.12	968	90.00 x 72.00	2286 x 1829

A Center Post assembly and Center Bracket must be ordered separately.



Note: Full Swing Panel and Half Swing Panel for double-door, single and dual-access enclosures are (12) gauge steel, have a dual hinge swing panel bracket, and furnished with hardware necessary for side channel mounting. **A Center Post assembly and Center Bracket must be ordered separately.** Panels can be installed so they hinge either on the left or right side. In addition, Half Panels can be mounted in either the upper or lower portion of the enclosure. Free-standing design permits the panel to adjust along the depth of the enclosure. The dual hinge will allow the inner panel to swing completely out of the door opening when within 5.50 inches of the front. With dual-access enclosures, Full and Half Swing Panels can be mounted back-to-back.

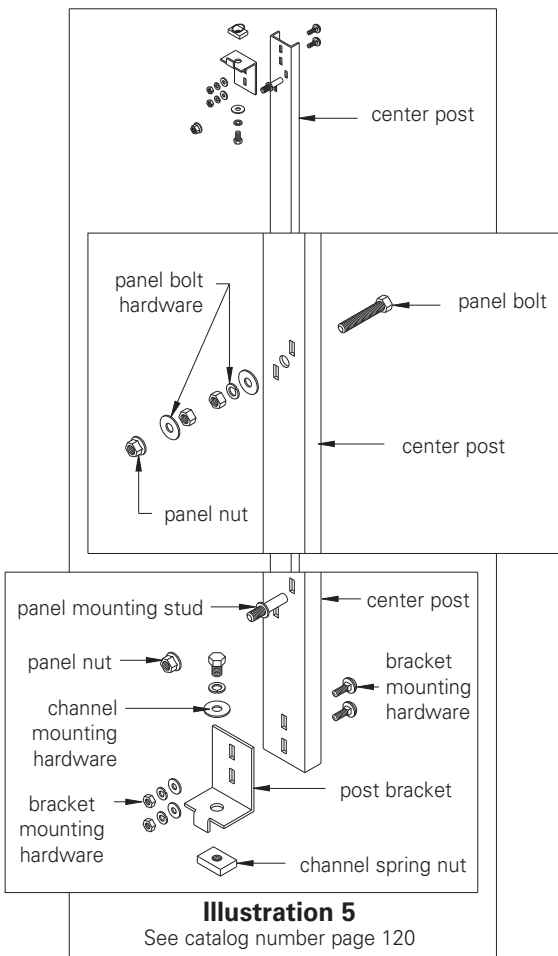
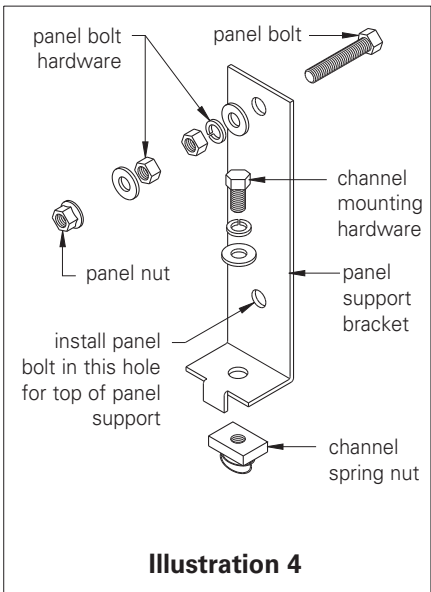
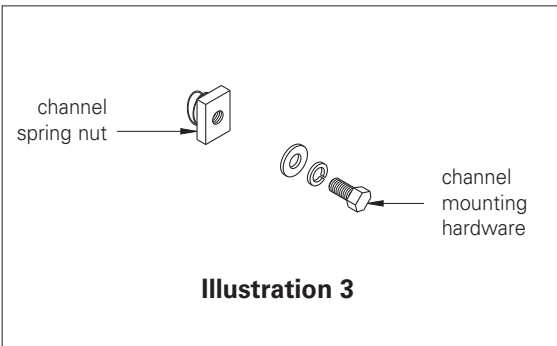
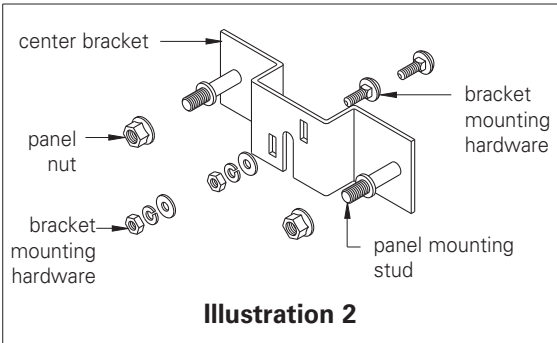
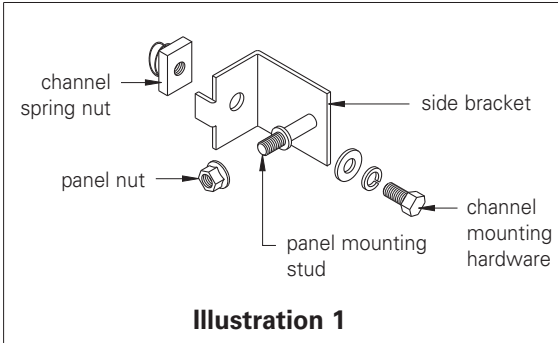
Notes: Dimensions are in inches. Millimeters shown are for reference only. Data subject to change without notice.

Free-Standing Enclosure Accessories
Type 12
Miscellaneous Accessories
Illustration Sheet and Catalog Number

Discount Schedule: C2
Subclass: DS0

Miscellaneous Accessories

Catalog Number	Description	Illustration	Quantity
AFSBRKT1	Panel mounting side bracket	1	1
AFCBRKT3	Panel mounting center bracket	2	3
AFCMH3	Channel mounting hardware	3	3
AFPSUP2	Double-door panel support bracket	4	2



Type 12/13 Panel Encl.

Notes: Dimensions are in inches. Millimeters shown are for reference only. Data subject to change without notice.

Free-Standing Enclosure Details

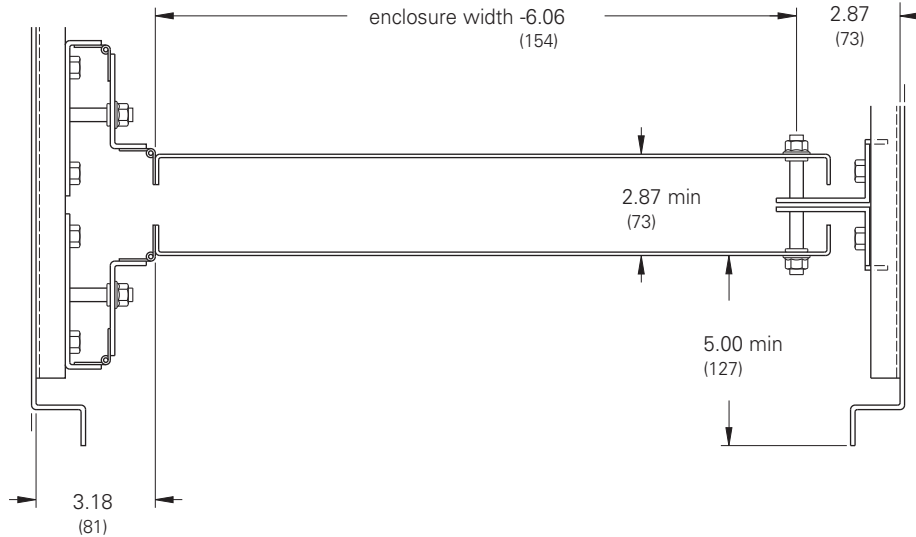
Type 12

Swing Panel and Enclosure

Detail Sheet

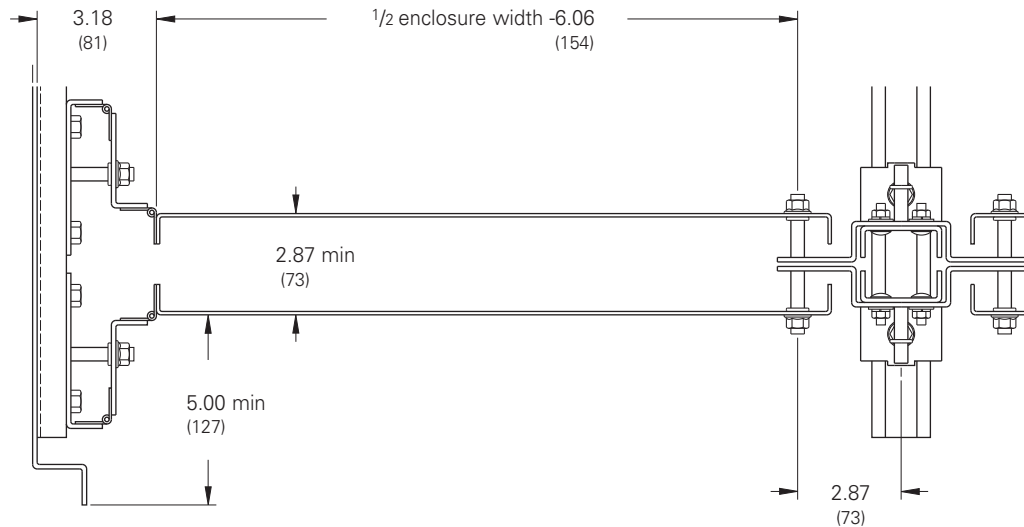
Discount Schedule: C2

Subclass: DSD



Single Door

(section view showing swing panels mounted back-to-back)



Double Door

(section view showing swing panels mounted back-to-back)

⌀
(of enclosure)

Notes: Dimensions are in inches. Millimeters shown are for reference only. Data subject to change without notice.

Type 12 / 13 Panel Enclosures

Ground-Mount Enclosures

Type 12 Modular Free-Standing with 3-Point Locking

Data Sheet

Type 12/13 Panel Encl.



Construction

- Enclosure and door are fabricated from (12) gauge steel
- All continuous welded seams are finished smooth
- Doors are secured to the body with removable concealed hinges and a center locating 3-point key-locking and padlock handle mechanism
- Modern bevel profile on hinge side of enclosure door
- Slave doors cannot open without activation of mechanical interlock but can close in any order
- Double-door units have a removable center post
- Doors have an oil-resistant gasket
- Ground stud provided on doors and body
- Print pocket provided
- Modular design and flanged side opening provide strength and a variety of mounting arrangements
- Heavy steel stiffeners welded across the back provide enclosure rigidity
- Removable panels mounted on .375-16 collar studs and panel supports are furnished
- Large lifting eyebolts are supplied

Discount Schedule: C2

Subclass: DNO

Application

- Houses electrical controls and instruments
- Protects against circulating dust, falling dirt and dripping non-corrosive liquids

Standards

- UL 508A listed, Type 12
- CSA C22.2 No.94 certified, Type 12
- Conforms to NEMA standard for Type 12

Finish

- Wash and phosphate undercoat
- ANSI 61 gray polyester powder finish
- Panels have a white polyester powder finish

Accessories

- Channel mounting hardware
- Blank adapter plates
- Operator adapters
- Touch-up paint
- Replacement handle, BD-PKHB (see page 429)
- See Accessories section

Important Note

When ordering modular enclosure systems, be sure to include all the necessary components.

1. Gasket kits and/or end plates (see page 129)

Notes: We can provide special sizes, finishes and other modifications. Consult the factory for your special requirements.

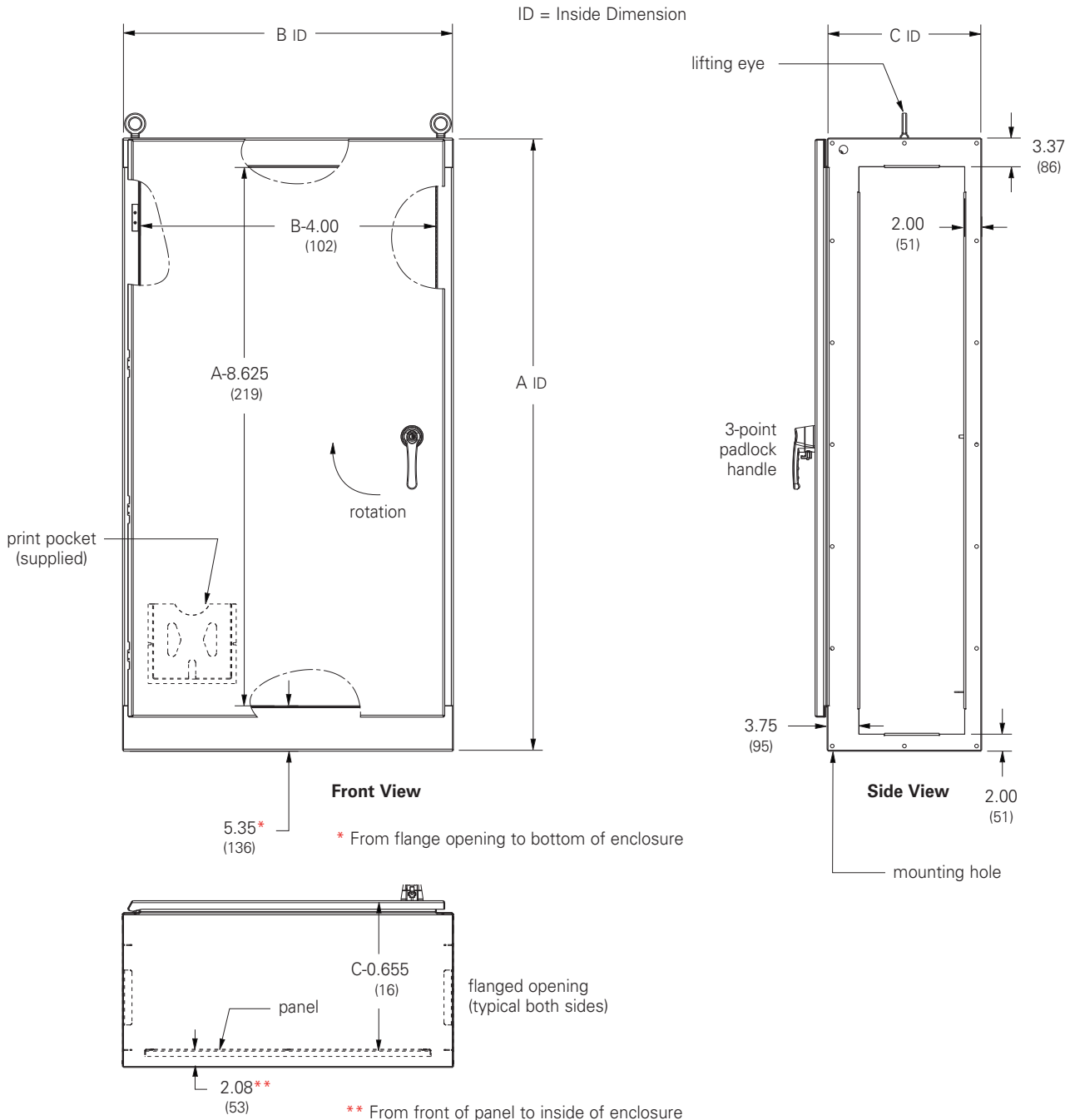
Type 12 / 13 Panel Enclosures

Ground-Mount Enclosures

Type 12 Modular Single-Door Free-Standing with 3-Point Locking

Illustration Sheet and Catalog Number

Enclosure Catalog Number	Enclosure Size Height x Width x Depth A x B x C		Panel Size Height x Width	
	in.	mm	in.	mm
M723818-12FS	72.00 x 38.75 x 18.00	1829 x 984 x 457	60.00 x 33.75	1524 x 857
M843818-12FS	84.00 x 38.75 x 18.00	2134 x 984 x 457	72.00 x 33.75	1829 x 857
M843824-12FS	84.00 x 38.75 x 24.00	2134 x 984 x 610	72.00 x 33.75	1829 x 857



Type 12/13 Panel Encl.

Notes: Four lifting eyes are furnished when C dimension is 24 (610 mm). Dimensions are in inches. Millimeters shown are for reference only. Data subject to change without notice.

Type 12 / 13 Panel Enclosures

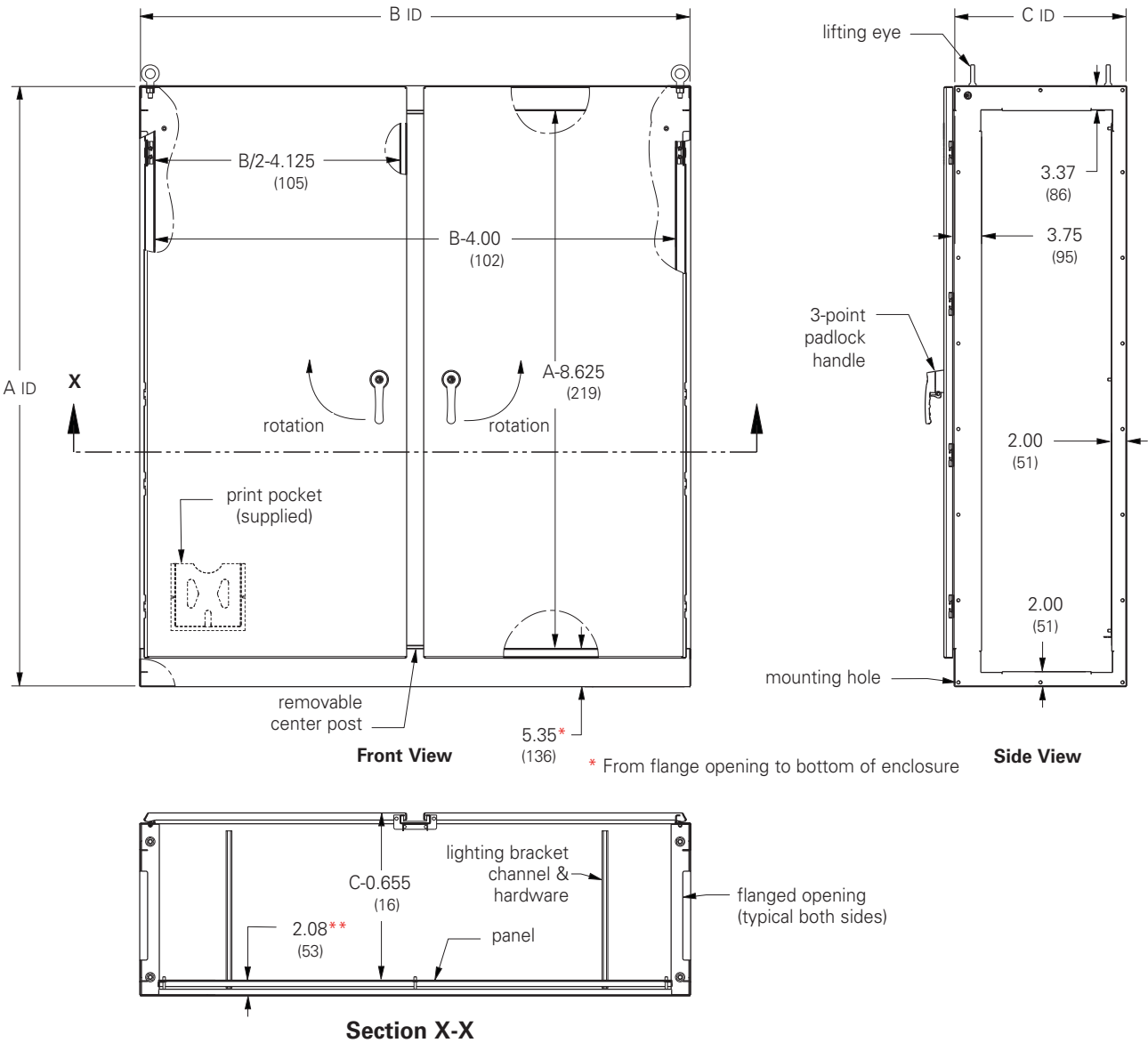
Ground-Mount Enclosures

Type 12 Double-Door Modular Free-Standing with 3-Point Locking

Illustration Sheet and Catalog Number

Enclosure Catalog Number	Enclosure Size Height x Width x Depth A x B x C		Panel Size Height x Width	
	in.	mm	in.	mm
M727718-12FS	72.00 x 77.00 x 18.00	1829 x 1956 x 457	60.00 x 72.00	1524 x 1829
M847718-12FS	84.00 x 77.00 x 18.00	2134 x 1956 x 457	72.00 x 72.00	1829 x 1829
M847724-12FS	84.00 x 77.00 x 24.00	2134 x 1956 x 457	72.00 x 72.00	1829 x 1829

ID = Inside Dimension



** From front of panel to inside of enclosure

Notes: Two lifting eyes are furnished when C dimension is 18 (457 mm). Dimensions are in inches. Millimeters shown are for reference only.
Data subject to change without notice.

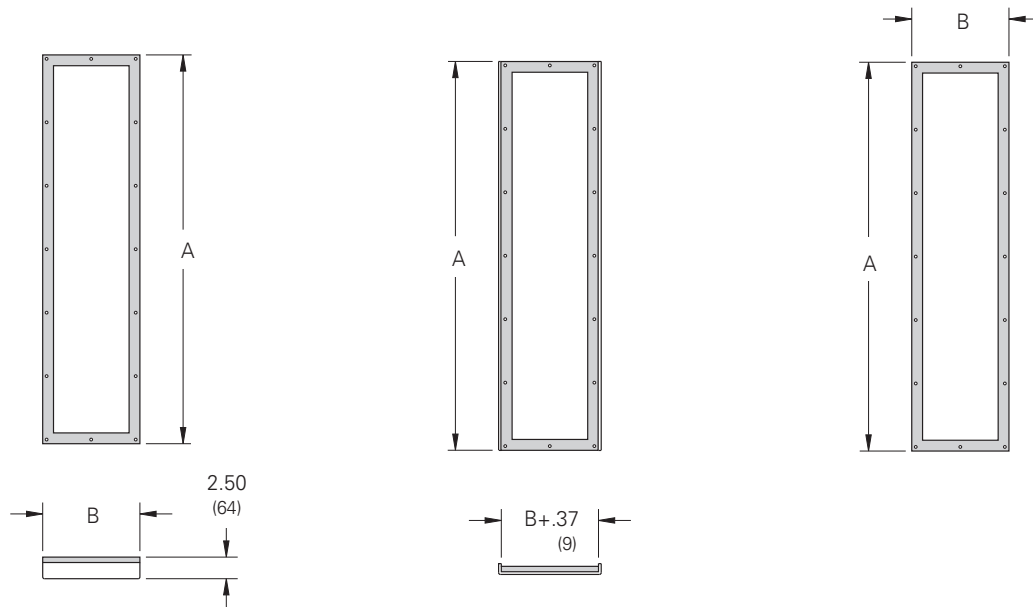
Modular Free-Standing Enclosure Accessories

Type 12

Illustration Sheet and Catalog Number

Modular Accessories

Catalog Number	Size				Fits Enclosure			
	A		B		H x D			
	in.	mm	in.	mm	in.	mm	in.	mm
End Plate								
M7218-12FEK	72.00	1829	18.00	457	72.00	1829	18.00	457
M8418-12FEK	84.00	2134	18.00	457	84.00	2134	18.00	457
M8424-12FEK	84.00	2134	24.00	610	84.00	2134	24.00	610
Flat End Plate/Barrier								
M7218-12FBK	72.00	1829	18.25	464	72.00	1829	18.00	457
M8418-12FBK	84.00	2134	18.25	464	84.00	2134	18.00	457
M8424-12FBK	84.00	2134	24.25	464	84.00	2134	24.00	610
Gasket Kit								
M7218-12FGK	72.00	1829	18.00	457	72.00	1829	18.00	457
M8418-12FGK	84.00	2134	18.00	457	84.00	2134	18.00	457
M8424-12FGK	84.00	2134	24.00	610	84.00	2134	24.00	610



End Plate

Formed end plate and gasket used to seal open end of Modular enclosure. Includes: End Plate, Gasket & Hardware.

Flat End Plate

Flat end plate and gasket used to seal open end of Modular enclosure. Also can serve as a barrier when additional gasket is used. Includes: Flat End Plate, Gasket & Hardware

Gasket Kit

Pre-cut and pre-punched high density poron gasket is required for sealing barrier to additional modular enclosures when ganging. Includes: Gasket & Hardware.

Notes: Dimensions are in inches. Millimeters shown are for reference only. Data subject to change without notice.

Type 12 / 13 Panel Enclosures

Ground-Mount Enclosures

Type 12 Multi-Door Free-Standing with 3-Point Locking

Data Sheet



Type 12/13 Panel Encl.

Application

- Houses electrical controls and instruments
- Protects against circulating dust, falling dirt and dripping non-corrosive liquids

Standards

- UL 508A listed, Type 12
- CSA C22.2 No.94 certified, Type 12
- Conforms to NEMA standard for Type 12

Accessories

- Channel mounting hardware
- Touch-up paint
- Replacement handle, BD-PKHB, (see page 429)
- See Accessories section

Finish

- Wash and phosphate undercoat
- ANSI 61 gray polyester powder finish

Construction

- Enclosure body (10) gauge and doors (12) gauge are fabricated from steel
- All continuous welded seams are finished smooth
- Doors are secured to the body with removable concealed hinges and a center locating 3-point key-locking and padlock handle mechanism
- Modern bevel profile on hinge side of enclosure doors
- Double-door sections close right over left with no center post for complete access
- Right side door provides a mechanical interlock and serves as a master door
- Slave doors cannot open without activating mechanical interlock but can close in any order
- Doors have an oil-resistant gasket
- Ground stud provided on doors and body
- Print pockets provided
- Heavy steel stiffeners welded across the back provide enclosure rigidity
- Lighting mounting channel provided
- Removable panels mounted on .375-16 collar studs and panel supports are furnished behind each door
- Large lifting eyebolts are supplied
- Three styles of enclosure construction:
 1. Three-door: single and double-door section
 2. Four-door: (2) double door sections
 3. Five-door: single and (2) double-door sections
- Panels have a white enamel finish

Discount Schedule: C2

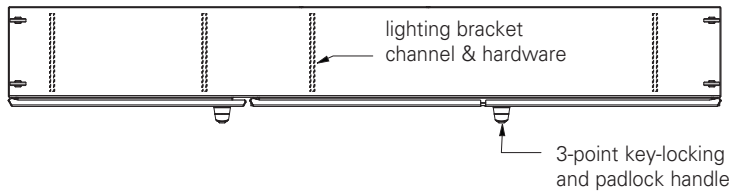
Subclass: DMM

Notes: We can provide special sizes, finishes and other modifications. Consult the factory for your special requirements.

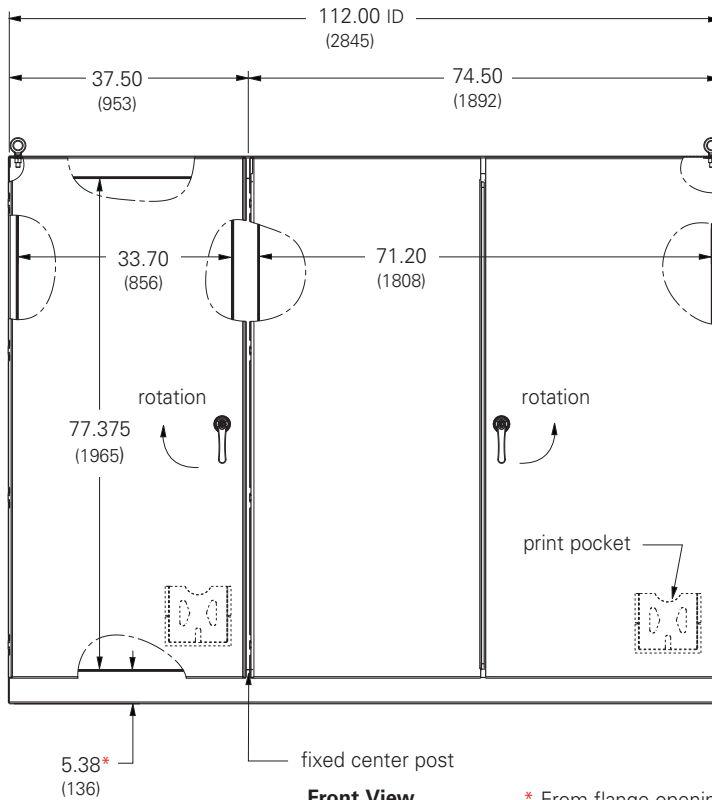
Ground-Mount Enclosures Type 12 Three-Door Free-Standing with 3-Point Locking Illustration Sheet and Catalog Number

Enclosure	Enclosure Size		Panel A Size		Panel B Size	
Catalog Number	Height	Width x Depth	Height	Width	Height	Width
	in.	mm	in.	mm	in.	mm
8611214-12FS	86.00 x 112.00 x 14.00	2184 x 2845 x 356	78.00 x 33.00	1981 x 838	78.00 x 70.00	1981 x 1778

Top View

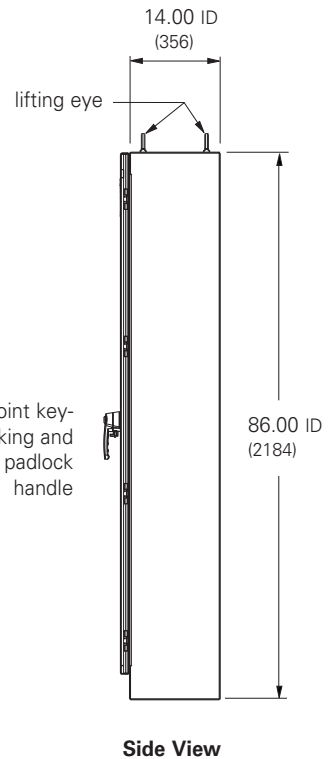


ID = Inside Dimension

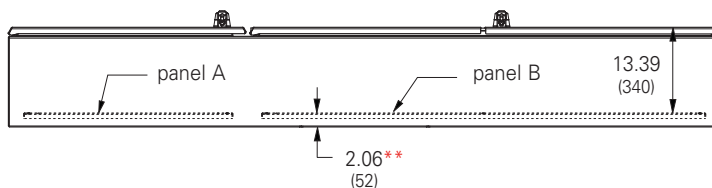


Front View

* From flange opening to bottom of enclosure



Side View



Bottom View

** From front of panel to inside of enclosure

Notes: Dimensions are in inches. Millimeters shown are for reference only. Data subject to change without notice.

Type 12 / 13 Panel Enclosures

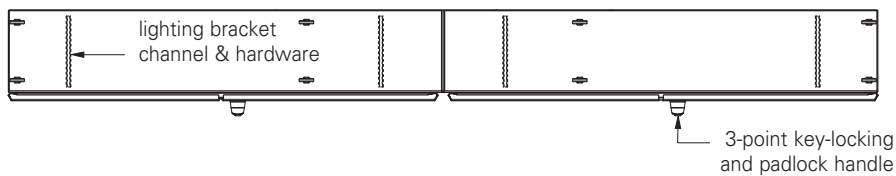
Ground-Mount Enclosures

Type 12 Four-Door Free-Standing with 3-Point Locking

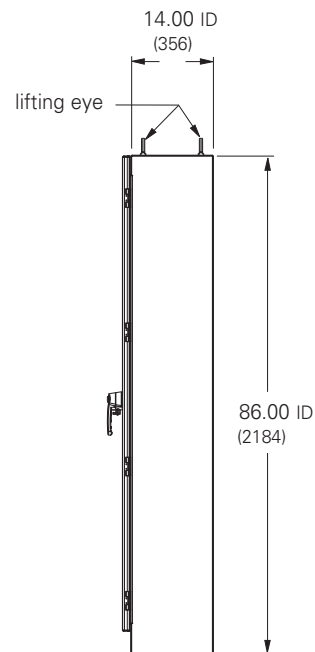
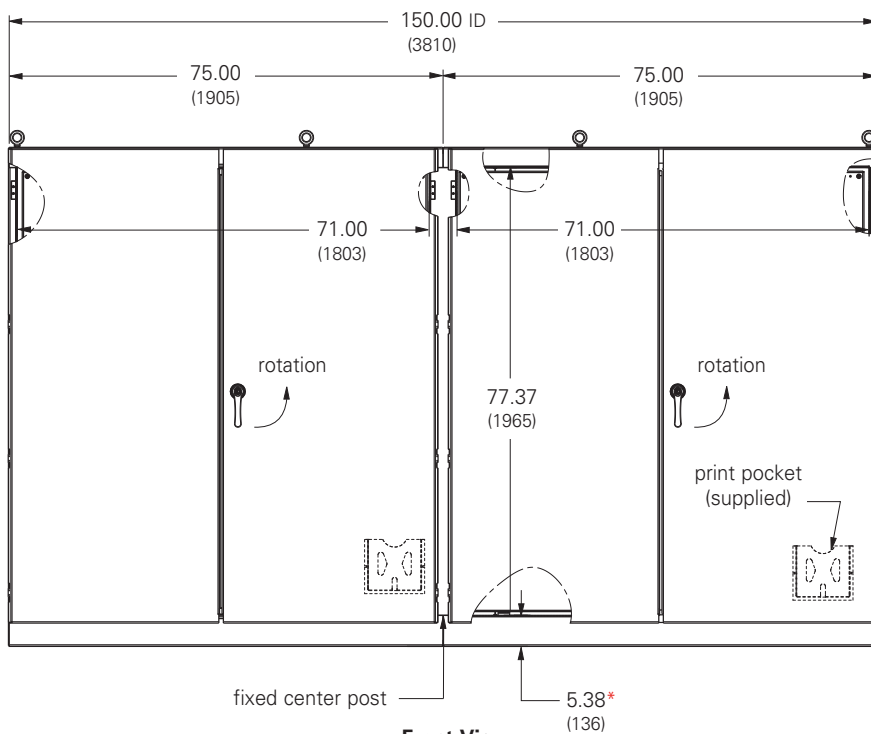
Illustration Sheet and Catalog Number

Enclosure Catalog Number	Enclosure Size		Panel Size	
	Height in.	Width x Depth mm	Height in.	Width mm
8615014-12FS	86.00 x 150.00 x 14.00	2184 x 3810 x 356	78.00 x 70.00	1981 x 1778

Top View

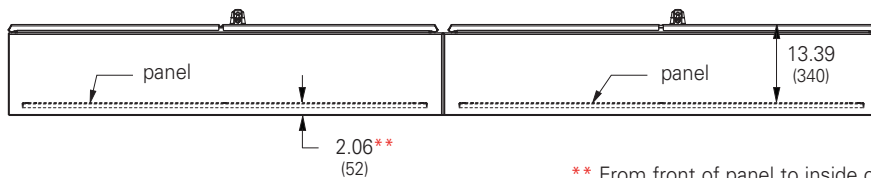


ID = Inside Dimension



Side View

* From flange opening to bottom of enclosure



** From front of panel to inside of enclosure

Bottom View

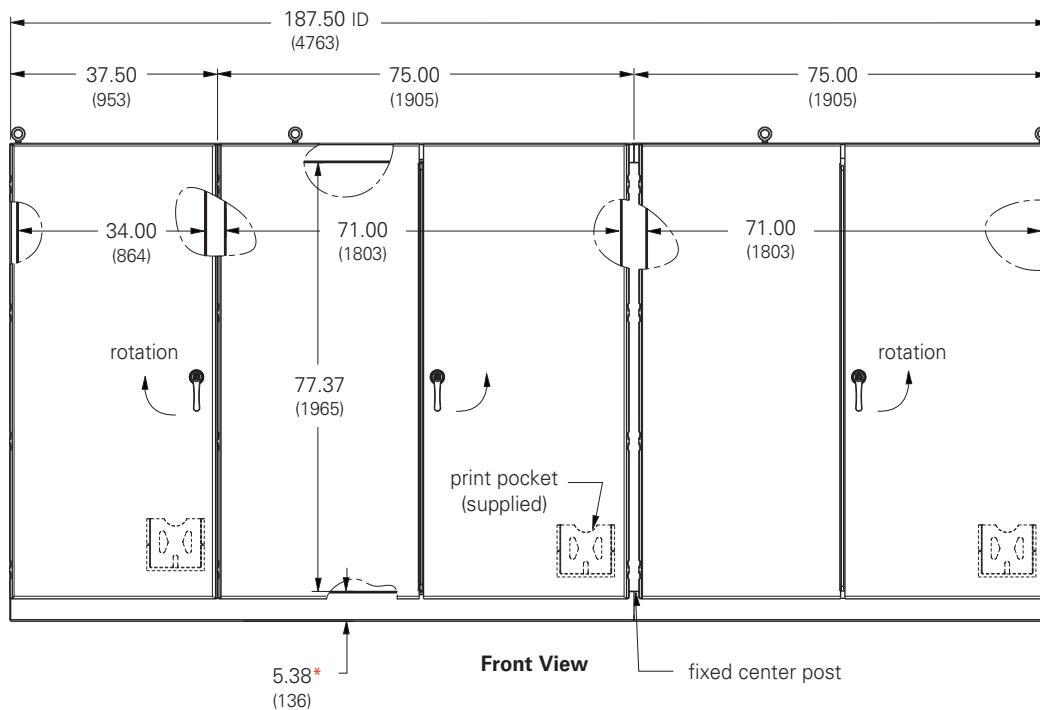
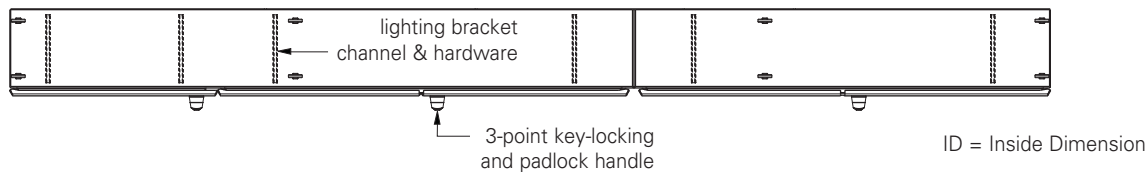
Notes: Dimensions are in inches. Millimeters shown are for reference only. Data subject to change without notice.

Type 12 / 13 Panel Enclosures

Ground-Mount Enclosures Type 12 Five-Door Free-Standing with 3-Point Locking Illustration Sheet and Catalog Number

Enclosure	Enclosure Size		Panel A Size		Panel B Size	
Catalog Number	Height	Width x Depth	Height	Width	Height	Width
	in.	mm	in.	mm	in.	mm
8618714-12FS	86.00	187.50 x 14.00 2184 x 4763 x 356	78.00	33.00 1981 x 838	78.00	70.00 1981 x 1778

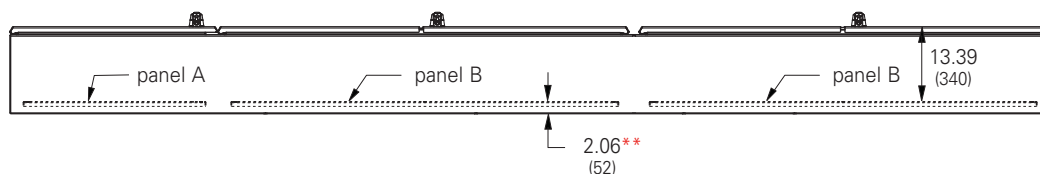
Top View



* From flange opening to bottom of enclosure



Side View



** From front of panel to inside of enclosure

Bottom View

Notes: Dimensions are in inches. Millimeters shown are for reference only. Data subject to change without notice.

Type 12 / 13 Panel Enclosures

Type 12/13 Panel Encl.