

Disconnect

Disconnect Enclosures

Disconnect



1447S Single Door Disconnect Enclosures -
NEMA 12, 13 **147**



EN4DSC Disconnect Enclosures -
NEMA 4 **151**



1447SN4 Single Door Disconnect Enclosures -
NEMA 4 **153**



EN4DSC 304 Stainless Steel
Disconnect Enclosures -
NEMA 4, 4X **155**



1447SN4SS 304 Stainless Steel
Disconnect Enclosures -
NEMA 4, 4X **157**



2UD Two Door Wallmount
Disconnect Enclosures -
NEMA 12 **161**



2UDF Two Door Floormount
Disconnect Enclosures -
NEMA 12 **163**



2UDCP Two Door Floormount
Disconnect Enclosures -
NEMA 12 **165**



UHD Heavy Duty Disconnect Enclosures -
NEMA 12 **169-175**



UHDM Modular Disconnect Enclosures -
NEMA 12 **177-182**

Modular Enclosures



Modular Freestanding Enclosures -
HFMD/HFMDT Series Disconnect Enclosure
NEMA 12 **189**

1447S Single Door Disconnect Enclosures - NEMA 12, 13

ABB Controls, Allen Bradley, Cutler Hammer, General Electric, Siemens I-T-E Max-Flex™, Square D

Disconnect



Cutout Detail



Wallmount Enclosures

Application

Designed to house the following safety disconnect equipment:

- **ABB Controls** flange-mounted variable depth operating mechanism for disconnect switches and circuit breakers. Also cable version for circuit breakers.
- **Allen Bradley** 1494V variable depth flange mounted disconnect switches and circuit breaker operators. Will not accept Allen Bradley 1494F disconnect switches, 1494D circuit breaker operators.
- **C-H Westinghouse** C361 flange mounted variable depth operating mechanism with disconnect switches and C371 flange mounted variable depth operating mechanisms for circuit breakers. Also Flex-Shaft™ handle mechanisms for circuit breakers.
- **General Electric** Type STDA flange handles and variable depth operating mechanism for disconnect switches and circuit breakers. Also SpectraFlex™ cable operators for circuit breakers.
- **Siemens I-T-E Max-Flex™** flange mounted variable depth handles for disconnect switches and circuit breakers.
- **Square D** class 9422 disconnect switches with flange mounted variable depth operating mechanisms or cable mechanisms and Class 9422 flange-mounted variable depth operating mechanisms or cable mechanisms for circuit breakers. Will not accept Square D Class 9422 bracket-mounted disconnect devices, 9422TG1 or TG2 devices.

Standards

- UL 508 Type 12, 13
- CSA Type 12, 13
- **Complies with**
 - NEMA Type 12 and 13
 - JIC EGP-1-1967
 - IEC 60529, IP54
- Appropriate components are required to maintain these standards.

Construction

- Formed 14-gauge steel.
- Continuously welded seams.
- Larger sizes include door and body stiffeners.
- Welded brackets provide for enclosure mounting.
- Formed lip on door and enclosure exclude flowing liquids and contaminants.
- Cutouts and holes are provided to suit the handle, operating mechanism and door closing mechanism.
- Continuously hinged doors may be removed by pulling the hinge pin.
- Latch pivots and cover interlock brackets are welded to the door.
- Cover latch bars for door handles are provided.
- Collar studs are provided for mounting inner panels.
- A removable 12 gauge inner panel is included.
- Oil resistant gaskets are permanently secured and mechanically retained.
- A bonding stud is provided on the door and a grounding stud is provided in the enclosure.
- A literature pocket is provided.

Note:

- Disconnects, operating mechanisms and door hardware are not provided with the enclosure, and must be ordered separately from the manufacturer.
- Enclosures with an "A" dimension under 40" require 2 point door closing hardware.
- Enclosures with an "A" dimension 40" or more require 3 point door closing hardware.

Finish

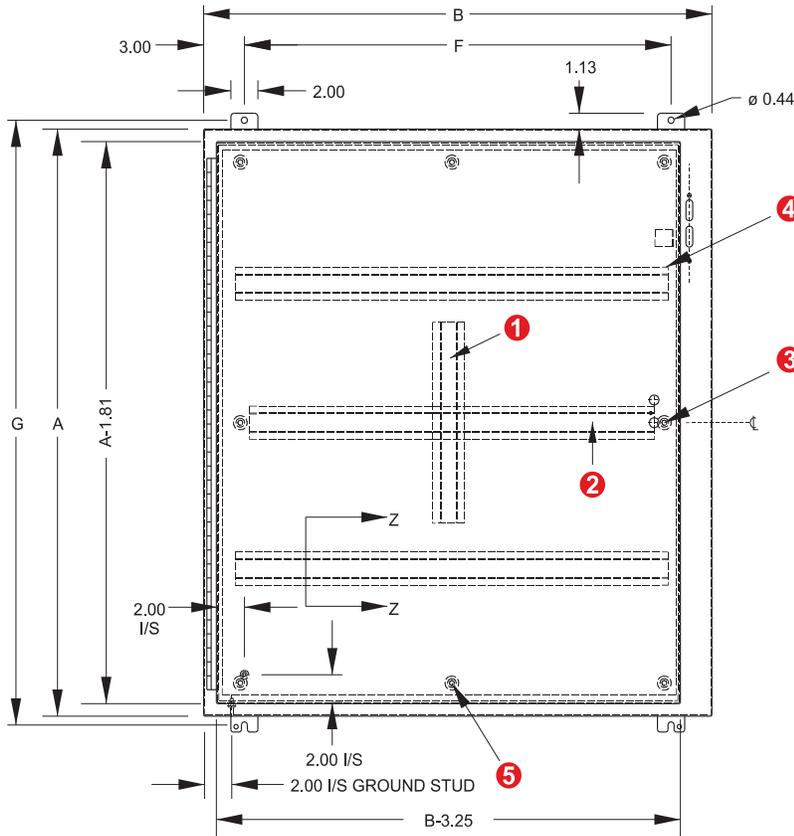
- Door and enclosure are phosphatized and finished in ANSI 61 gray recoatable powder coating on the outside.
- Enclosure interior is finished in white powder coating.
- Inner panel is finished in white powder coating.

Accessories

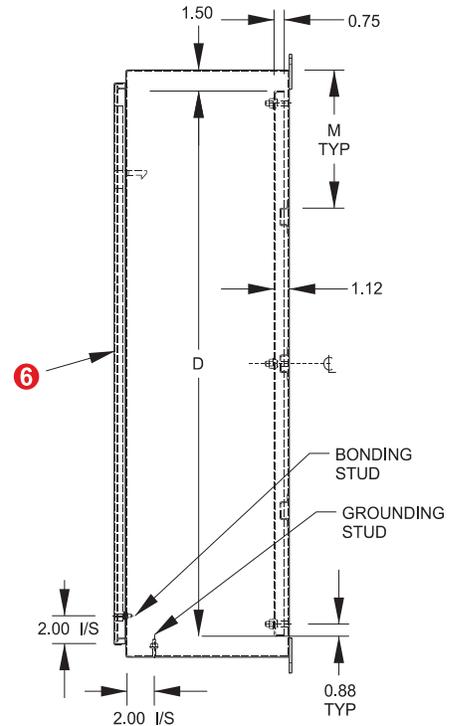
- Additional inner panels
...see page **436**
- Air conditioners...see page **349-367**
- Blowers...see page **392**
- Breather kits...see page **400-401**
- Doorstop kits...see page **453**
- Drip shield kits...see page **451**
- Enclosure stabilizers...see page **456**
- Filter fans...see page **371-384**
- Floor stand kits...see page **393-396**
- Heaters...see page **397**
- Thermostats...see page **397**
- Window kits...see page **449**

1447S Single Door Disconnect Enclosures - NEMA 12, 13

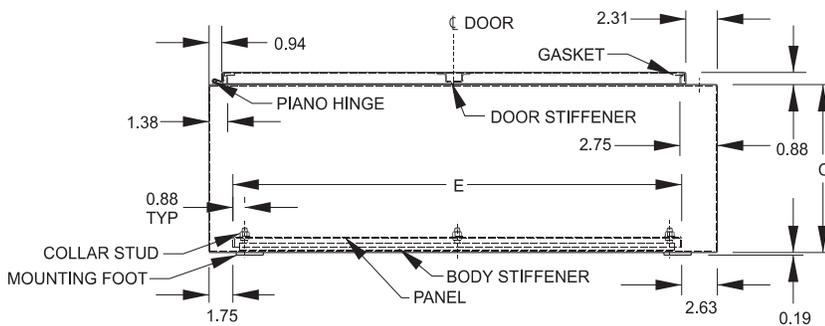
ABB Controls, Allen Bradley, Cutler Hammer, General Electric, Siemens I-T-E Max-Flex™, Square D



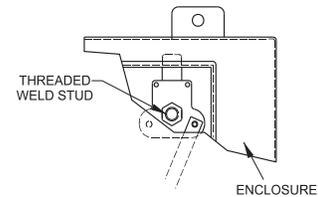
Front View



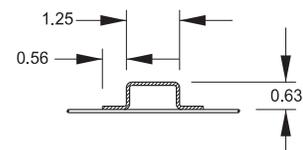
Side View



Top View



Closing Mechanism
Catches top of enclosure only



Section Z-Z

When A=	M=
36	9.00
42	9.88
48	11.38
60	14.38

- 1 Vertical body stiffener req'd on 1447SG only.
- 2 Omit center body stiffener if A is less than 41".
- 3 Omit 2 middle studs if A is less than 31".
- 4 Omit body stiffeners if B is 28" or less.
- 5 Omit 2 middle studs if B is less than 32".
- 6 Omit door stiffener if B is 32" or less except if AxB is 42"x31.38".

1447S Single Door Disconnect Enclosures - NEMA 12, 13

ABB Controls, Allen Bradley, Cutler Hammer, General Electric, Siemens I-T-E Max-Flex™, Square D

Disconnect
Wallmount Enclosures

Part No.	Panel Size					Mounting Center		Ship Wt. lbs	Center Stiffener ²
	A	B	C	D	E	F	G		
1447SA8	20	21.38	8	17	17	15.38	21.25	51	N
1447SB8	24	21.38	8	21	17	15.38	25.25	60	N
1447SC8	24	25.38	8	21	21	19.38	25.25	71	N
1447SD8	30	21.38	8	27	17	15.38	31.25	74	N
1447SE8	30	25.38	8	27	21	19.38	31.25	87	N
1447SF8	36	25.38	8	33	21	19.38	37.25	98	N
1447SG8	36	31.38	8	33	27	25.38	37.25	121	N
1447SH8	42	31.38	8	39	27	25.38	43.25	135	I
1447SJ8	42	37.38	8	39	33	31.38	43.25	154	I
1447SK8	48	37.38	8	45	33	31.38	49.25	172	I
1447SL8	60	37.38	8	57	33	31.38	61.25	248	I
1447SA10	20	21.38	10	17	17	15.38	21.25	52	N
1447SB10	24	21.38	10	21	17	15.38	25.25	63	N
1447SC10	24	25.38	10	21	21	19.38	25.25	71	N
1447SD10	30	21.38	10	27	17	15.38	31.25	80	N
1447SE10	30	25.38	10	27	21	19.38	31.25	90	N
1447SF10	36	25.38	10	33	21	19.38	37.25	100	N
1447SG10	36	31.38	10	33	27	25.38	37.25	126	N
1447SH10	42	31.38	10	39	27	25.38	43.25	143	I
1447SJ10	42	37.38	10	39	33	31.38	43.25	193	I
1447SK10	48	37.38	10	45	33	31.38	49.25	180	I
1447SL10	60	37.38	10	57	33	31.38	61.25	255	I
1447SE12	30	25.38	12	27	21	19.38	31.25	100	N
1447SG12	36	31.38	12	33	27	25.38	37.25	130	N
1447SH12	42	31.38	12	39	27	25.38	43.25	150	I
1447SJ12	42	37.38	12	39	33	31.38	43.25	200	I
1447SK12	48	37.38	12	45	33	31.38	49.25	220	I
1447SL12	60	37.38	12	57	33	31.38	61.25	265	I
1447S46L12	60	37.38	12	57	34.5	31.38	61.25	265	I
1447SG16	36	31.38	16	33	27	25.38	37.25	150	N
1447SK16	48	37.38	16	45	33	31.38	49.25	200	I
1447SL16	60	37.38	16	57	33	31.38	61.25	265	I

² Center stiffener; N = Not Included I = Included

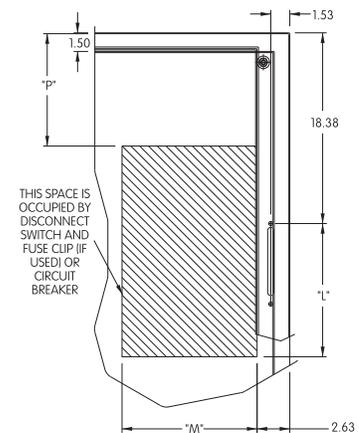
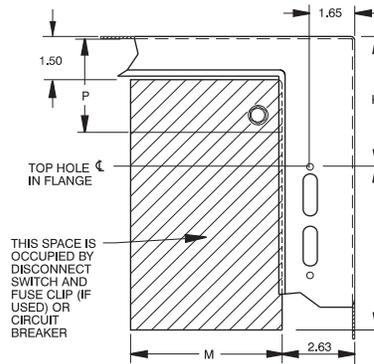
Space Occupied by Disconnect

Note: "K" = 4.75 when "C" = 8.00
 "K" = 7.09 when "C" = 10.00
 "K" = 11.62 when "C" = 12.00
 "K" = 11.62 when "C" = 16.00
 "K" = 18.38 for 1447S46L12
 "P" = Wiring Space

Disconnects will occupy space on panel shown by dimensions "K", "L" and "M".

Wiring space "P" is available when disconnect is installed in the enclosure.

*The disconnect information and space occupied tables based on data supplied by disconnect manufacturer's bulletins. Hammond Manufacturing not responsible for dimensional accuracy.



1447S46L12 only
1494V-H2 and ITE PHOHN
Operating Handle

1447S Single Door Disconnect Enclosures - NEMA 12, 13

Selection Guide

Disconnect
Walmount Enclosures

Hammond Series		1447S
ABB Controls	Disconnect Switch	Flange operated switch (fusible or non-fusible) Shaft: 8-12" dp enclosures, use DSFHS-12; 16" dp enclosures, use DSFHS-17 Handle: DSFHN-HS12 Door Hardware: 2 pt. Latching, use KDH2R; 3 pt. Latching, use KDH3R and FH-3RL
	Circuit Breaker	Circuit breaker: ABB Operating Mechanism: see ABB chart Shaft: 8-12" dp enclosures, use K7FHD-S12; 16" dp enclosures, use K7FHD-S17 Handle: K7FHD-HS12 Door Hardware: 2 pt. Latching, use FH-DHK; 3 pt. Latching, use FH-DHK and FH-3RL
Allen Bradley	1494V Flange Disconnect Switch	Disconnect switch and operating mechanism: Bulletin 1494V Handle: Bulletin 1494V-H1 (except for Hammond part # 1447S46L12, use 1494V-H2) Connecting rod: 8-10" dp enclosures, use 1494V-RA1; 12-16" dp enclosures, use 1494V-RA2 (except for Hammond part # 1447S46L12, use 1494V-RB2 (2)) Trailer fuse block kit (if required): Bulletin 1494V Fuse kit (if required) Line and load connectors (if required) Door Hardware: 2 pt. Latching, use 1494V-L1; 3 pt. Latching, use 1494VL2
	1494V Flange Circuit Breaker	Circuit breaker: C-H Westinghouse Operating mechanism: Bulletin 1494V Handle: Bulletin 1494V-H11 Connecting rod: 8-10" dp enclosures, use 1494V-RA1; 12-16" dp enclosures, use 1494V-RA2 Door Hardware: 2 pt. Latching, use 1494V-L1; 3 pt. Latching, use 1494VL2 and 1494VL1
Cutler Hammer	Type C361 Disconnect Switch	Disconnect switch and operating mechanism Handle: C361-H1 or H3 Door Hardware: 2 pt. Latching, use C361KJ4 or KJ6; 3 pt. Latching, use C361KJ4 or KJ6, and C361KR
	Type C371 Circuit Breaker	Circuit breaker: C-H Westinghouse Operating mechanism Handle: 150 amp, use C371H1 or H3; 250-600 amp, use C371H5 or H7 Door Hardware: 2 pt. Latching, use C361KJ4 or KJ6; 3 pt. Latching, use C361KJ4 or KJ6, and C361KR
	C-H Westinghouse Circuit Breaker w/FlexShaft	Circuit breaker Complete Flex-Shaft handle mechanism Door Hardware: 2 pt. Latching, use C361KJ4 or KJ6; 3 pt. Latching, use C361KJ4 or KJ6, and C361KR
General Electric	Type STDA Flange Disconnect Switch	Disconnect switch Type QMR or QMW Handle: STDA1 or STDA2 Fuse kit (if required) Variable depth operating mechanism Door Hardware: 2 pt. Latching, use TDV-1; 3 pt. Latching, use TDV-1 and TDV-3
	Type STDA Flange Circuit Breaker	Circuit breaker Handle: STDA1 or STDA2 Variable depth operating mechanism Door Hardware: 2 pt. Latching, use TDV-1; 3 pt. Latching, use TDV-1 and TDV-3
	Circuit Breaker w/SpectraFlex	Circuit breaker Flange Mt. Handle: 150-600 amp, use STDA1; SK1200, use STDA3 Breaker mounted mechanism. Operating cable Door Hardware: 2 pt. Latching, use TDV-1; 3 pt. Latching, use TDV-1 and TDV-3
I-T-E Siemens	Max-Flex Flange Disconnect Switch	Disconnect switch: MCS Fuse Kit (if required) Handle: Flange mount FHOHS Switch operator mechanism Operating cable (standard 36.0") Door Hardware: 2 pt. Latching, use DKR2; 3 pt. Latching, use DKR3
	Max-Flex Flange Circuit Breaker	Circuit breaker Pressure wire connectors Handle: Flange mount FHOH (except for Hammond part # 1447S46L12, use FHOHN) Circuit breaker operator mechanism Operating cable: 125-600 amp, use 36"; 800 amp, use 48" Door Hardware: 2 pt. Latching, use DKR2; 3 pt. Latching, use DKR3
Square D	Class 9422 Disconnect Switch	Disconnect switch and operating mechanism 9422 Handle: Type A-1 Door Hardware: 2 pt. Latching, use 9423-M4 or M9; 3 pt. Latching, use 9423-M4 or M9, and 9423-M3
	Class 9422 Circuit Breaker	Circuit breaker Operating mechanism: Class 9422 Handle: Type A-1 Door Hardware: 2 pt. Latching, use 9423-M4 or M9; 3 pt. Latching, use 9423-M4 or M9, and 9423-M3
	Class 9422 "T" Disconnect Switch w/ cable mechanism	Disconnect switch and operating mechanism 9422, Type T Handle: Type A-1 Cable mechanism: Class 9422 CFT_O - 3, 5, or 10 foot Door Hardware: 2 pt. Latching, use 9423-M4; 3 pt. Latching, use 9423-M4 or M9, and 9423-M3
	Circuit Breaker w/cable mechanism	Circuit breaker: Square D Handle: Type A-1 Door Hardware: 2 pt. Latching, use 9423-M4; 3 pt. Latching, use 9423-M4 or M9, and 9423-M3

 Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

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EN4DSC Disconnect Enclosures - NEMA 4

ABB Controls, Allen Bradley, Cutler Hammer, General Electric, Siemens I-T-E Max-Flex™, Square D

Disconnect



Cutout Detail



Application

Designed to house the following safety disconnect equipment:

- **ABB Controls** flange mounted variable depth operating mechanisms for disconnect switches and circuit breakers. Cable version for circuit breakers also available.
- **Allen Bradley** 1494V variable depth flange mounted disconnect switches and circuit breaker operators NEMA 4 rated. Will not accept Allen Bradley 1494F disconnect switches, 1494D circuit breaker operators or 1494V-R1, -R2, or -W2 operating handles).
- **Cutler Hammer** C361 variable depth flange mounted disconnect switches and C371 circuit breaker operators. Also Flex-Shaft™ handle mechanisms for circuit breakers. Use Cutler Hammer NEMA 4X rated operating handles to maintain NEMA 4X integrity.
- **Siemens I-T-E Max-Flex™** flange mounted variable depth handles for disconnect switch and circuit breakers. Use handle for NEMA 4 rating.
- **General Electric** Type STDA flange handles and variable depth operating mechanisms for disconnect switches and circuit breakers. Also SpectraFlex™ cable operators for circuit breakers.
- **Square D** Class 9422 disconnect switches with flange mounted variable depth operating mechanisms or cable mechanisms and Class 9422 flange mounted variable depth operating mechanism or cable mechanisms for circuit breakers. SN4SS enclosures will not accept Square D Class 9422 bracket-mounted disconnect devices, 9422TG1 or TG2 devices.

Standards

- UL 508 Type 3R, 4
- CSA Type 3R, 4
- **Complies with**
 - NEMA Type 3R, 4, 12 and 13
 - JIC EGP-1-1967
 - IEC 60529, IP66
- Appropriate components are required to maintain these standards.

Construction

- Formed 14 or 16 gauge steel.
- Continuously welded seams.
- Larger sizes include door stiffeners.
- Formed lip on door and enclosure exclude flowing liquids and contaminants.
- Cutouts and holes are provided to suit the flange handle operating mechanism.
- Doors may be easily removed for modifications and are interchangeable.
- Door is secured with easily operated 2 or 3-point handle.
- Cover interlock bracket is welded to the door.
- Collar studs are provided for mounting inner panels.
- Removable inner panel is sold separately.
- Seamless poured-in place gasket.
- A bonding stud is provided on the door and a grounding stud is provided in the enclosure.
- Includes hardware kit with panel mounting nuts and sealing washers for wall mounting holes.

Note:

- Disconnects and operating mechanisms are not provided with the enclosure, and must be ordered separately from the manufacturer.

Finish

- Door and enclosure are finished in recoatable smooth ANSI 61 grey powder coating.

Accessories

- Additional inner panels...see page 437
- Air conditioners...see page 349-367
- Blowers...see page 392
- Breather kits...see page 400-401
- Doorstop kits...see page 453
- Filter fans...see page 371-384
- Heaters...see page 393-396
- Mounting foot kit...see page 31
- Thermostats...see page 397
- Window kits...see page 449

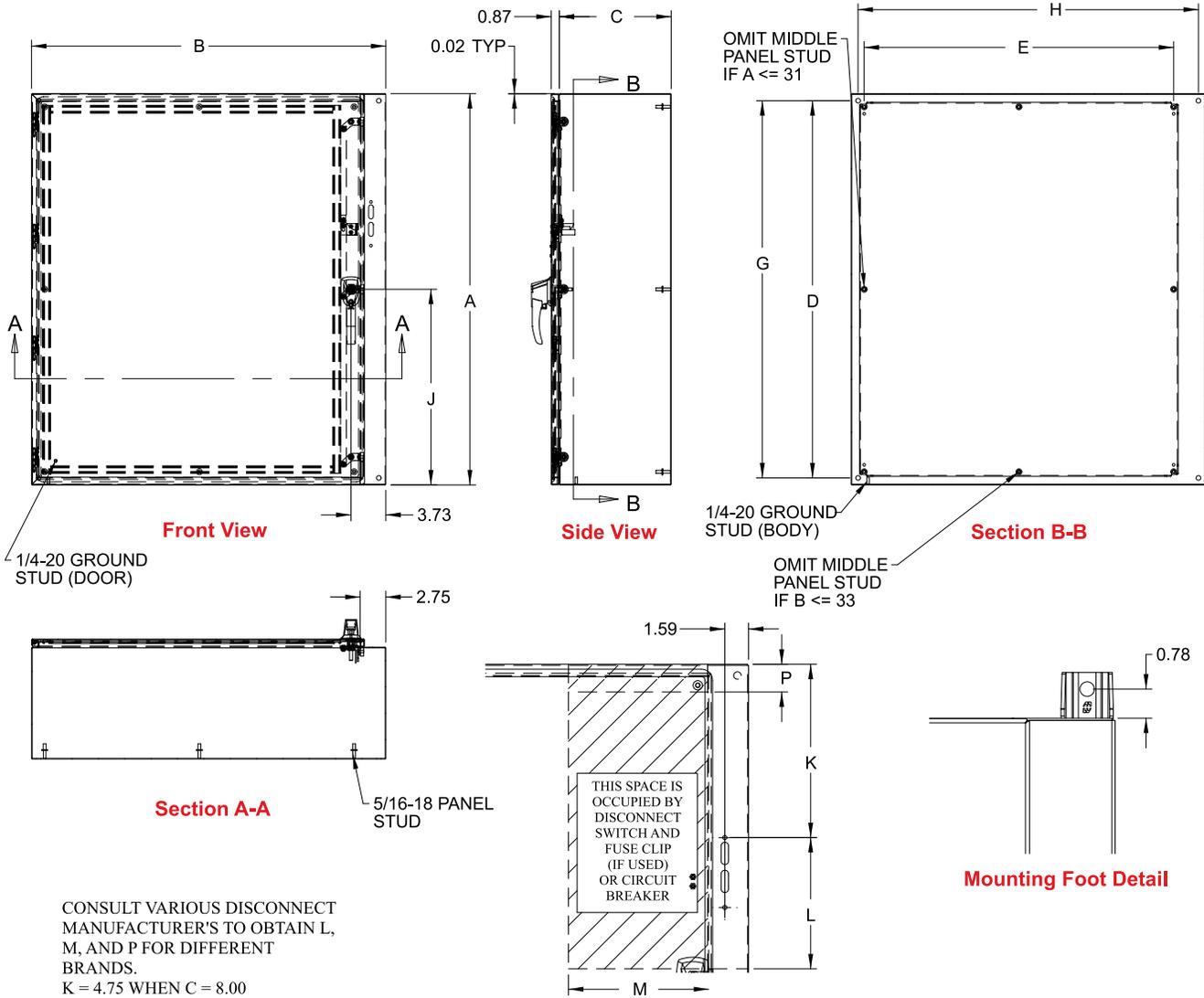
Wallmount Enclosures

EN4DSC Disconnect Enclosures - NEMA 4

ABB Controls, Allen Bradley, Cutler Hammer, General Electric, Siemens I-T-E Max-Flex™, Square D

Disconnect

Walmount Enclosures



CONSULT VARIOUS DISCONNECT MANUFACTURER'S TO OBTAIN L, M, AND P FOR DIFFERENT BRANDS.
 K = 4.75 WHEN C = 8.00
 K = 11.62 WHEN C = 12.00
 P = WIRING BEND SPACE WHEN DISCONNECT IS INSTALLED IN ENCLOSURE

ORDER PANELS SEPERATELY
 ALL PANELS ARE 12 GA.

Part No.	Enclosure Size A x B x C	Door Gauge	Body Gauge	Optional Panel Part No.	Panel Size D x E	Mounting G x H	Latches Qty	Latches Style	# Panel Studs	J
EN4DSC20228GY	20.00 x 22.00 x 8.00	14	16	EP2020	18.17 x 18.17	18.50 x 20.50	1	2-pt	4	5.00
EN4DSC24228GY	24.00 x 22.00 x 8.00	14	16	EP2420	22.17 x 18.17	22.50 x 20.50	1	2-pt	4	6.00
EN4DSC24268GY	24.00 x 26.00 x 8.00	14	16	EP2424	22.17 x 22.17	22.50 x 24.50	1	2-pt	4	6.00
EN4DSC30268GY	30.00 x 26.00 x 8.00	14	16	EP3024	28.17 x 22.17	28.50 x 24.50	1	2-pt	4	6.00
EN4DSC36268GY	36.00 x 26.00 x 8.00	14	16	EP3624	34.17 x 22.17	34.50 x 24.50	1	2-pt	6	6.00
EN4DSC36328GY	36.00 x 32.00 x 8.00	14	14	EP3630	34.17 x 28.17	34.50 x 30.50	1	2-pt	6	6.00
EN4DSC423212GY	42.00 x 32.00 x 12.00	14	14	EP4230	40.17 x 28.17	40.50 x 30.50	1	3-pt	6	21.00
EN4DSC423812GY	42.00 x 38.00 x 12.00	14	14	EP4236	40.17 x 34.17	40.50 x 36.50	1	3-pt	8	21.00
EN4DSC483812GY	48.00 x 38.00 x 12.00	14	14	EP4836	46.17 x 34.17	46.50 x 36.50	1	3-pt	8	24.00
EN4DSC603812GY	60.00 x 38.00 x 12.00	14	14	EP6036	58.17 x 34.17	58.50 x 36.50	1	3-pt	8	30.00

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

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1447SN4 Single Door Disconnect Enclosures - NEMA 4

ABB Controls, Allen Bradley, Cutler Hammer, General Electric, Siemens I-T-E Max-Flex™, Square D

Disconnect



Cutout Detail



Wallmount Enclosures

Application

Designed to house the following safety disconnect equipment:

- **ABB Controls** flange-mounted variable depth operating mechanism for disconnect switches and circuit breakers. Cable version for circuit breakers also available.
- **Allen Bradley** 1494V variable depth flange mounted disconnect switches and circuit breaker operators NEMA 4 rated. Will not accept Allen Bradley 1494F disconnect switches, 1494D circuit breaker operators or 1494V-R1, -R2, or -W2 operating handles.
- **C-H Westinghouse** C361 variable depth flange mounted disconnect switches and C371 circuit breaker operators, and also Flex-Shaft™ handle mechanism for circuit breakers. Use Cutler Hammer NEMA 4 rated operating handles to maintain NEMA 4 integrity.
- **General Electric** Type STDA flange handles and variable depth operating mechanism for disconnect switches and circuit breakers. Also Spectra-Flex™ cable operators for circuit breakers.
- **Siemens I-T-E Max-Flex™** flange mounted variable depth handles for disconnect switches and circuit breakers. Use handle for NEMA 4.
- **Square D** class 9422 disconnect switches with flange-mounted variable depth operating mechanisms or cable mechanisms and Class 9422 flange-mounted variable depth operating mechanisms or cable mechanisms for circuit breakers. SN4 enclosures will not accept Square D Class 9422 bracket-mounted disconnect devices, 9422TG1 or TG2 devices.

Standards

- UL 508 Type 3R, 4
- CSA Type 3R, 4
- **Complies with**
 - NEMA Type 3R, 4, 12
 - JIC EGP-1-1967
 - IEC 60529, IP66
- Appropriate components are required to maintain these standards.

Construction

- Formed 14-gauge steel.
- Continuously welded seams.
- Larger sizes include door and body stiffeners.
- Welded brackets provide for enclosure mounting.
- Formed lip on door and enclosure exclude flowing liquids and contaminants.
- Cutouts and holes are provided to suit the flange handle operating mechanism.
- Continuously hinged doors may be removed by pulling the stainless steel hinge pin.
- Door is secured with easily operated stainless steel clamps.
- Cover interlock bracket is welded to the door.
- Collar studs are provided for mounting inner panels.
- A removable 12 gauge inner panel is included.
- Seamless poured-in place gasket.
- A bonding stud is provided on the door and a grounding stud is provided in the enclosure.
- A literature pocket is provided for the inside of the door.

Note:

- Disconnects and operating mechanisms are not provided with the enclosure, and must be ordered separately from the manufacturer.

Finish

- Door and enclosure are phosphatized and finished in ANSI 61 gray powder coating.
- Inner panel is finished in white powder coating.

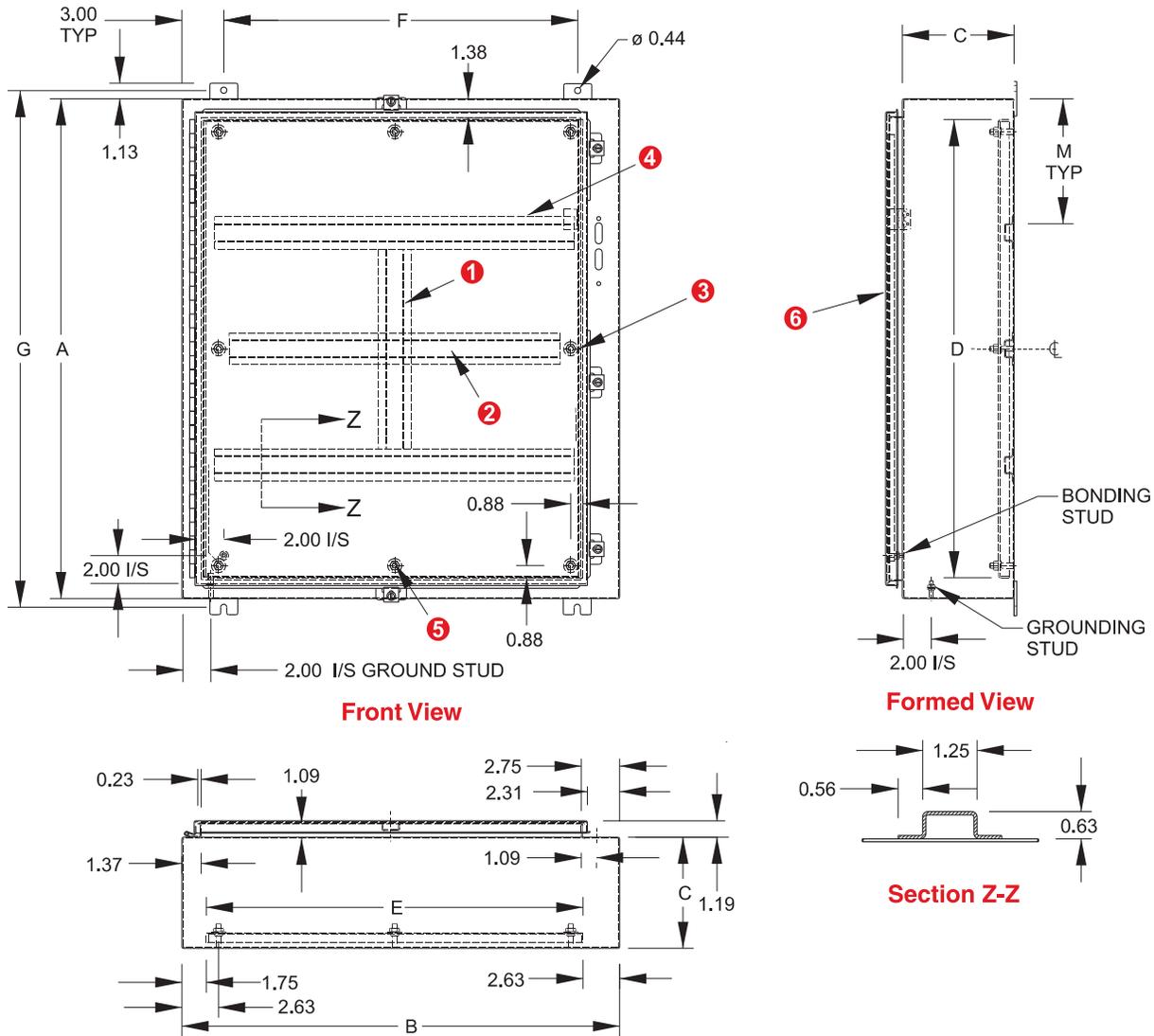
Accessories

- Additional inner panels...[see page 436](#)
- Air conditioners...[see page 349-367](#)
- Blowers...[see page 392](#)
- Breather kits...[see page 400-401](#)
- Doorstop kits...[see page 453](#)
- Filter fans...[see page 371-384](#)
- Heaters...[see page 393-396](#)
- Thermostats...[see page 397](#)
- Window kits...[see page 449](#)



1447SN4 Single Door Disconnect Enclosures - NEMA 4

ABB Controls, Allen Bradley, Cutler Hammer, General Electric, Siemens I-T-E Max-Flex™, Square D



Front View

Formed View

Top View

Section Z-Z

When A=	M=
36	9.00
42	9.88
48	11.38
60	14.38

- 1 Vertical body stiffener req'd on 1447SN4G8 only.
- 2 Omit center body stiffener if A is less than 41".
- 3 Omit 2 middle studs if A is less than 31".
- 4 Omit body stiffeners if B is 28" or less
- 5 Omit 2 middle studs if B is less than 32".
- 6 Omit door stiffener if B is 32" or less except if AxB is 42"x31.38".

Note: Number of door clamps varies to enclosure size.

Part No.	Panel Size					Mounting Centers		Ship Wt. lbs.
	A	B	C	D	E	F	G	
1447SN4B8	24	21.38	8	21	17	15.38	25.25	60
1447SN4C8	24	25.38	8	21	21	19.38	25.25	73
1447SN4E8	30	25.38	8	27	21	19.38	31.25	90
1447SN4F8	36	25.38	8	33	21	19.38	37.25	100
1447SN4G8	36	31.38	8	33	27	25.38	37.25	123
1447SN4H12	42	31.38	12	39	27	25.38	43.25	152
1447SN4J12	42	37.38	12	39	33	31.38	43.25	200
1447SN4K12	48	37.38	12	45	33	31.38	49.25	220
1447SN4L12	60	37.38	12	57	33	31.38	61.25	265

Technical references and CAD downloads available at www.hammondmfg.com

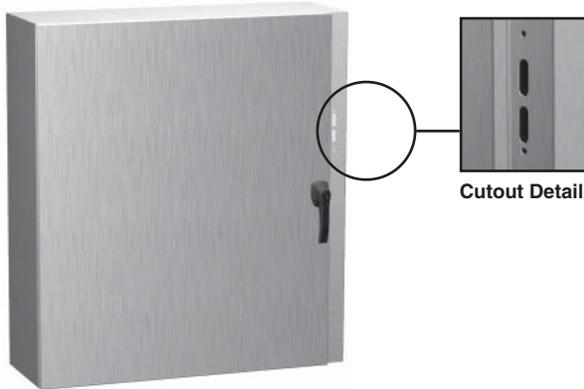
All dimensions in inches unless specified otherwise

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EN4DSC 304 Stainless Steel Disconnect Enclosures - NEMA 4, 4X

ABB Controls, Allen Bradley, Cutler Hammer, General Electric, Siemens I-T-E Max-Flex™, Square D

Disconnect



Application

Designed to house the following safety disconnect equipment:

- **ABB Controls** flange mounted variable depth operating mechanisms for disconnect switches and circuit breakers. Cable version for circuit breakers also available.
- **Allen Bradley** 1494V variable depth flange mounted disconnect switches and circuit breaker operators NEMA 4 rated. Will not accept Allen Bradley 1494F disconnect switches, 1494D circuit breaker operators or 1494V-R1, -R2, or -W2 operating handles).
- **Cutler Hammer** C361 variable depth flange mounted disconnect switches and C371 circuit breaker operators. Also Flex-Shaft™ handle mechanisms for circuit breakers. Use Cutler Hammer NEMA 4X rated operating handles to maintain NEMA 4X integrity.
- **Siemens I-T-E Max-Flex™** flange mounted variable depth handles for disconnect switch and circuit breakers. Use handle for NEMA 4 rating.
- **General Electric** Type STDA flange handles and variable depth operating mechanisms for disconnect switches and circuit breakers. Also Spectra-Flex™ cable operators for circuit breakers.
- **Square D** Class 9422 disconnect switches with flange mounted variable depth operating mechanisms or cable mechanisms and Class 9422 flange mounted variable depth operating mechanism or cable mechanisms for circuit breakers. SN4SS enclosures will not accept Square D Class 9422 bracket-mounted disconnect devices, 9422TG1 or TG2 devices.

Standards

- UL 508 Type 3R, 4 and 4X
- CSA Type 3R, 4 and 4X
- **Complies with**
 - NEMA Type 3R, 4, 4X, 12 and 13
 - JIC EGP-1-1967
 - IEC 60529, IP66
- Appropriate components are required to maintain these standards.

Construction

- Formed 14 or 16 gauge type 304 stainless steel.
- Continuously welded seams.
- Larger sizes include door stiffeners.
- Formed lip on door and enclosure exclude flowing liquids and contaminants.
- Cutouts and holes are provided to suit the flange handle operating mechanism.
- Doors may be easily removed for modifications and are interchangeable.
- Door is secured with easily operated 2 or 3 point padlockable handle.
- Cover interlock bracket is welded to the door.
- Collar studs are provided for mounting inner panels.
- Removable inner panel is sold separately.
- Seamless poured-in place gasket.
- A bonding stud is provided on the door and a grounding stud is provided in the enclosure.
- Includes hardware kit with panel mounting nuts and sealing washers for wall mounting holes.

Note:

- Disconnects and operating mechanisms are not provided with the enclosure, and must be ordered separately from the manufacturer.

Finish

- Door and enclosure are natural, brushed stainless steel.

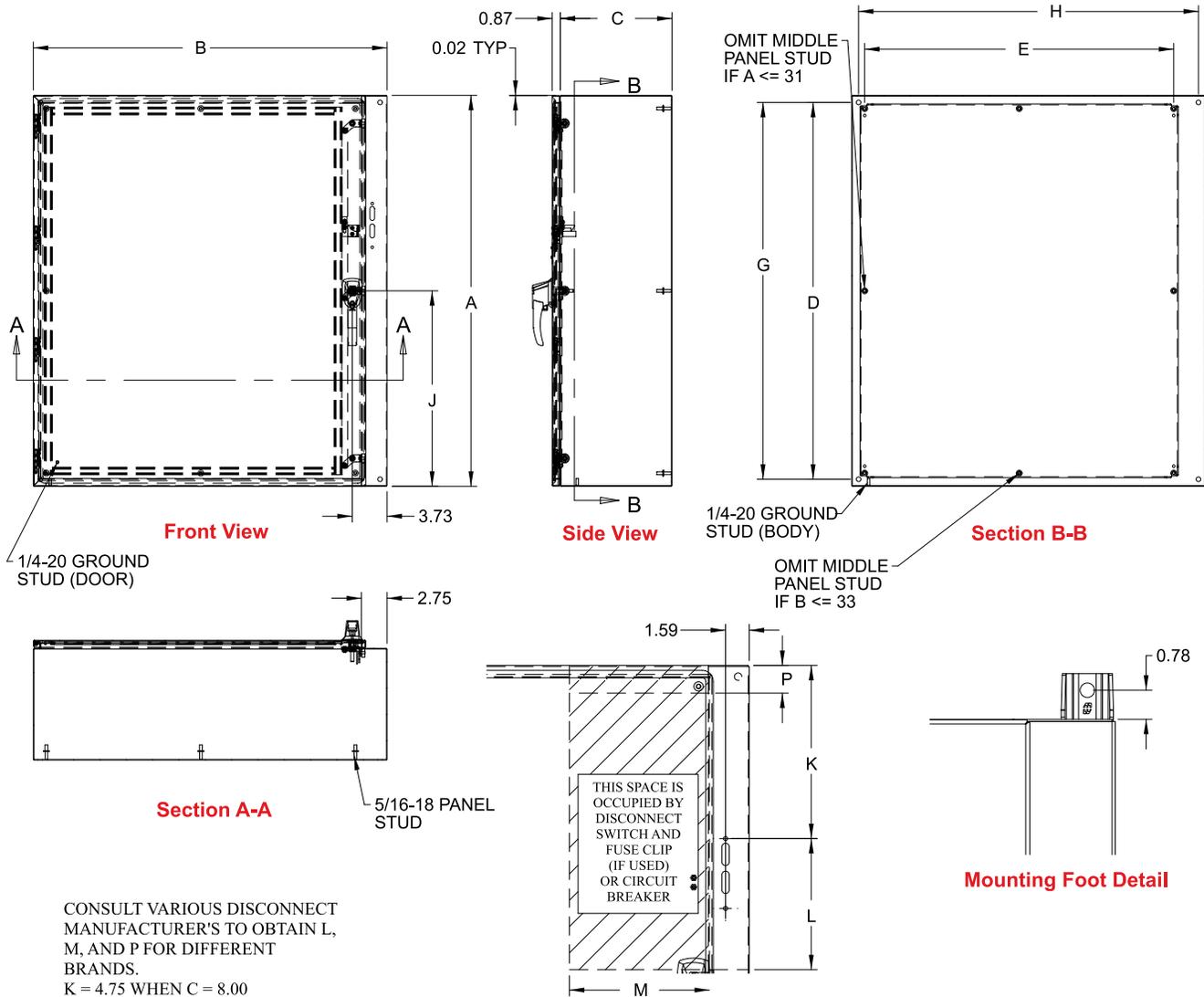
Accessories

- Additional inner panels...see page **437**
- Air conditioners...see page **349-367**
- Blowers...see page **392**
- Breather kits...see page **400-401**
- Doorstop kits...see page **453**
- Filter fans...see page **371-384**
- Heaters...see page **393-396**
- Mounting foot kit...see page **31**
- Thermostats...see page **397**
- Window kits...see page **449**

Wallmount Enclosures

EN4DSC 304 Stainless Steel Disconnect Enclosures - NEMA 4, 4X

ABB Controls, Allen Bradley, Cutler Hammer, General Electric, Siemens I-T-E Max-Flex™, Square D



CONSULT VARIOUS DISCONNECT MANUFACTURER'S TO OBTAIN L, M, AND P FOR DIFFERENT BRANDS.

K = 4.75 WHEN C = 8.00

K = 11.62 WHEN C = 12.00

P = WIRING BEND SPACE WHEN DISCONNECT IS INSTALLED IN ENCLOSURE

ORDER PANELS SEPERATELY
ALL PANELS ARE 12 GA.

Part No.	Enclosure Size A x B x C	Door Gauge	Body Gauge	Optional Panel Part No.	Panel Size D x E	Mounting G x H	Latches qty	style	# Panel Studs	J
EN4DSC20228SS	20.00 x 22.00 x 8.00	14	16	EP2020	18.17 x 18.17	18.50 x 20.50	1	2-pt	4	5.00
EN4DSC24228SS	24.00 x 22.00 x 8.00	14	16	EP2420	22.17 x 18.17	22.50 x 20.50	1	2-pt	4	6.00
EN4DSC24268SS	24.00 x 26.00 x 8.00	14	16	EP2424	22.17 x 22.17	22.50 x 24.50	1	2-pt	4	6.00
EN4DSC30268SS	30.00 x 26.00 x 8.00	14	16	EP3024	28.17 x 22.17	28.50 x 24.50	1	2-pt	4	6.00
EN4DSC36268SS	36.00 x 26.00 x 8.00	14	16	EP3624	34.17 x 22.17	34.50 x 24.50	1	2-pt	6	6.00
EN4DSC36328SS	36.00 x 32.00 x 8.00	14	14	EP3630	34.17 x 28.17	34.50 x 30.50	1	2-pt	6	6.00
EN4DSC423212SS	42.00 x 32.00 x 12.00	14	14	EP4230	40.17 x 28.17	40.50 x 30.50	1	3-pt	6	21.00
EN4DSC423812SS	42.00 x 38.00 x 12.00	14	14	EP4236	40.17 x 34.17	40.50 x 36.50	1	3-pt	8	21.00
EN4DSC483812SS	48.00 x 38.00 x 12.00	14	14	EP4836	46.17 x 34.17	46.50 x 36.50	1	3-pt	8	24.00
EN4DSC603812SS	60.00 x 38.00 x 12.00	14	14	EP6036	58.17 x 34.17	58.50 x 36.50	1	3-pt	8	30.00

Technical references and CAD downloads available at www.hammondmfg.com

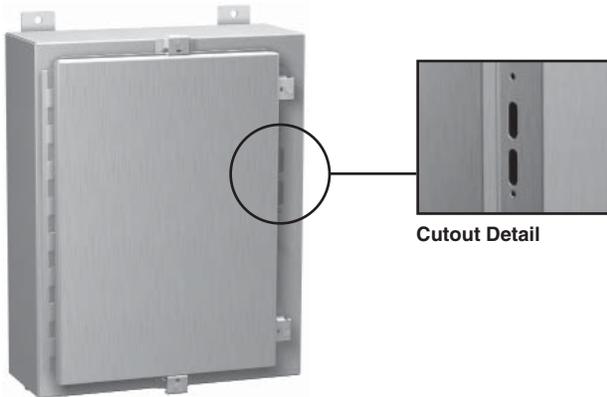
All dimensions in inches unless specified otherwise

Quality Products. Service Excellence.

1447SN4SS 304 Stainless Steel Disconnect Enclosures - NEMA 4, 4X

ABB Controls, Allen Bradley, Cutler Hammer, General Electric, Siemens I-T-E Max-Flex™, Square D

Disconnect



Cutout Detail



Wallmount Enclosures

Application

Designed to house the following safety disconnect equipment:

- **ABB Controls** flange mounted variable depth operating mechanisms for disconnect switches and circuit breakers. Cable version for circuit breakers also available.
- **Allen Bradley** 1494V variable depth flange mounted disconnect switches and circuit breaker operators NEMA 4 rated. Will not accept Allen Bradley 1494F disconnect switches, 1494D circuit breaker operators or 1494V-R1, -R2, or -W2 operating handles).
- **Cutler Hammer** C361 variable depth flange mounted disconnect switches and C371 circuit breaker operators. Also Flex-Shaft™ handle mechanisms for circuit breakers. Use Cutler Hammer NEMA 4X rated operating handles to maintain NEMA 4X integrity.
- **Siemens I-T-E Max-Flex™** flange mounted variable depth handles for disconnect switch and circuit breakers. Use handle for NEMA 4 rating.
- **General Electric** Type STDA flange handles and variable depth operating mechanisms for disconnect switches and circuit breakers. Also SpectraFlex™ cable operators for circuit breakers.
- **Square D** Class 9422 disconnect switches with flange mounted variable depth operating mechanisms or cable mechanisms and Class 9422 flange mounted variable depth operating mechanism or cable mechanisms for circuit breakers. SN4SS enclosures will not accept Square D Class 9422 bracket-mounted disconnect devices, 9422TG1 or TG2 devices.

Standards

- UL 508 Type 3R, 4 and 4X
- CSA Type 3R, 4 and 4X
- **Complies with**
 - NEMA Type 3R, 4, 4X, 12 and 13
 - JIC EGP-1-1967
 - IEC 60529, IP66
- Appropriate components are required to maintain these standards.

Construction

- Formed 14 gauge type 304 stainless steel.
- Continuously welded seams.
- Larger sizes include door and body stiffeners.
- Formed lip on door and enclosure exclude flowing liquids and contaminants.
- Cutouts and holes are provided to suit the flange handle operating mechanism.
- Continuously hinged doors may be removed by pulling the stainless steel hinge pin.
- Door is secured with easily operated stainless steel clamps.
- Cover interlock bracket is welded to the door.
- Collar studs are provided for mounting inner panels.
- A removable 12 gauge inner panel is included.
- Seamless poured-in place gasket.
- A bonding stud is provided on the door and a grounding stud is provided in the enclosure.
- A literature pocket is provided for the inside of the door.

Note:

- Disconnects and operating mechanisms are not provided with the enclosure, and must be ordered separately from the manufacturer.

Finish

- Door and enclosure are natural, brushed stainless steel.
- Inner panel is finished in white powder coating.

Accessories

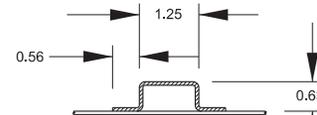
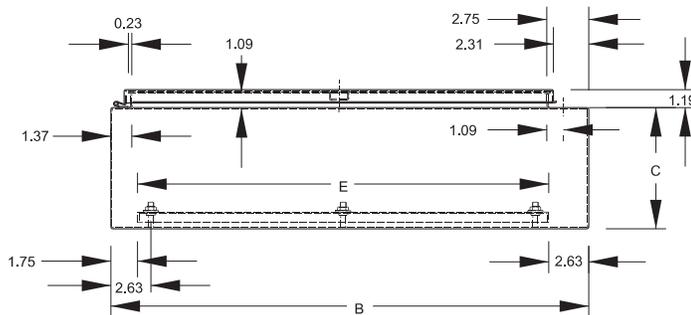
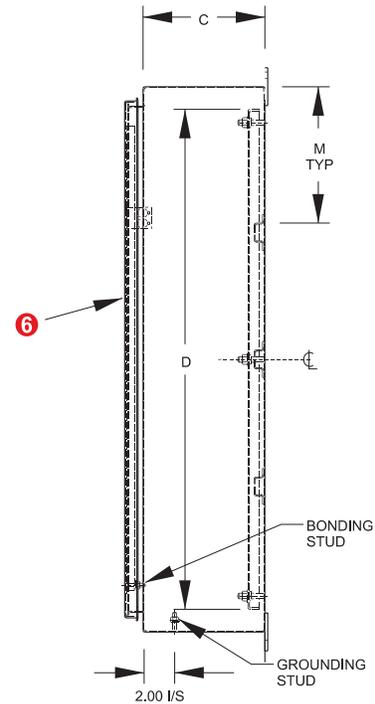
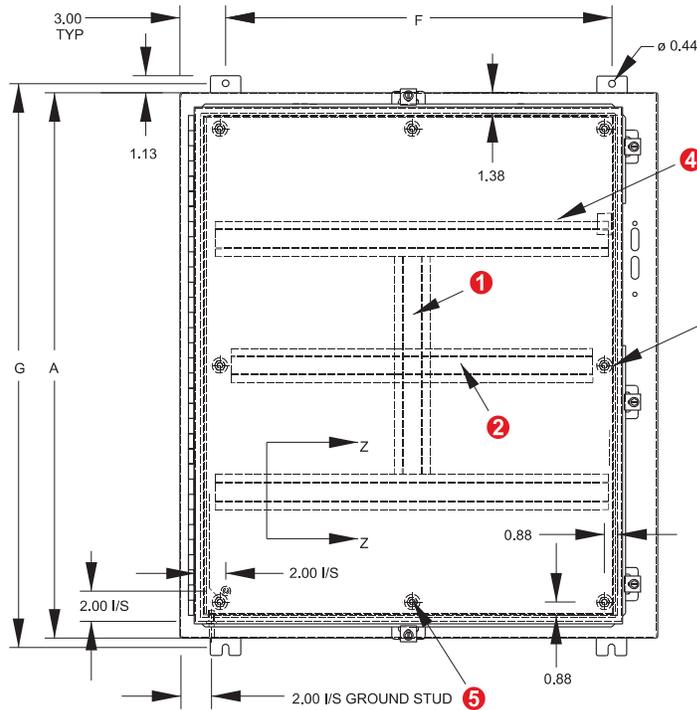
- Additional inner panels...*see page 436*
- Air conditioners...*see page 349-367*
- Blowers...*see page 392*
- Breather kits...*see page 400-401*
- Doorstop kits...*see page 453*
- Filter fans...*see page 371-384*
- Heaters...*see page 393-396*
- Thermostats...*see page 397*
- Window kits...*see page 449*

1447SN4SS 304 Stainless Steel Disconnect Enclosures - NEMA 4, 4X

ABB Controls, Allen Bradley, Cutler Hammer, General Electric, Siemens I-T-E Max-Flex™, Square D

Disconnect

Wallmount Enclosures



When A=	M=
36	9.00
42	9.88
48	11.38
60	14.38

- ① Vertical body stiffener req'd on 1447SN4SSG8 only.
- ② Omit center body stiffener if A is less than 41".
- ③ Omit 2 middle studs if A is less than 31".
- ④ Omit body stiffeners if B is 28" or less
- ⑤ Omit 2 middle studs if B is less than 32".
- ⑥ Omit door stiffener if B is 32" or less except if AxB is 42"x31.38".

Note: Number of door clamps varies to enclosure size.

Part No.	Panel Size					Mounting Centers		Ship Wt. lbs.
	A	B	C	D	E	F	G	
1447SN4SSB8	24	21.38	8	21	17	15.38	25.25	60
1447SN4SSC8	24	25.38	8	21	21	19.38	25.25	73
1447SN4SSE8	30	25.38	8	27	21	19.38	31.25	90
1447SN4SSF8	36	25.38	8	33	21	19.38	37.25	100
1447SN4SSG8	36	31.38	8	33	27	25.38	37.25	123
1447SN4SSH12	42	31.38	12	39	27	25.38	43.25	152
1447SN4SSJ12	42	37.38	12	39	33	31.38	43.25	200
1447SN4SSK12	48	37.38	12	45	33	31.38	49.25	220
1447SN4SSL12	60	37.38	12	57	33	31.38	61.25	265

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

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Single Door Disconnect Enclosures - NEMA 4, 4X

Selection Guide

Disconnect
Wallmount Enclosures

Hammond Series		1447SN4 & 1447SN4SS	EN4DCS all versions
ABB Controls	Disconnect Switch	Flange operated switch (fusible or non-fusible)	
		Shaft: 8-12" dp enclosures, use DSFHS-12; 16" dp enclosures, use DSFHS-17	
		Handle: DSFHN-HS4	Handle: n/a
	Circuit Breaker	Door Hardware: n/a	
		Circuit breaker: ABB	
		Operating Mechanism: see ABB chart	
Shaft: 8-12" dp enclosures, use K7FHD-S12; 16" dp enclosures, use K7FHD-S17			
		Handle: K7FHD-HS4	Handle: n/a
		Door Hardware: n/a	
Allen Bradley	1494V Flange Disconnect Switch	Disconnect switch and operating mechanism: Bulletin 1494V	
		Handle: Bulletin 1494V-W1	
		Connecting rod: 8-10" dp enclosures, use 1494V-RA1; 12-16" dp enclosures, use 1494V-RA2 (except for Hammond part # 1447S46L12, use 1494V-RB2 (2))	
		Trailer fuse block kit (if required): Bulletin 1494V	
		Fuse kit (if required)	
		Line and load connectors (if required)	
	1494V Flange Circuit Breaker	Door Hardware: n/a	
		Circuit breaker: C-H Westinghouse	
		Operating mechanism: Bulletin 1494V	
		Handle: Bulletin 1494V-W11	Handle: n/a
		Connecting rod: 8-10" dp enclosures, use 1494V-RA1; 12-16" dp enclosures, use 1494V-RA2	
		Door Hardware: n/a	
Cutler Hammer	Type C361 Disconnect Switch	Disconnect switch and operating mechanism	
		Handle: C361-H2 or H4	
		Door Hardware: n/a	
	Type C371 Circuit Breaker	Circuit breaker: C-H Westinghouse	
		Operating mechanism	
		Handle: 150 amp, use C371H2 or H4; 250-600 amp, use C371H6 or H8	Handle: n/a
C-H Westinghouse Circuit Breaker w/FlexShaft	Door Hardware: n/a		
	Circuit breaker		
	Complete Flex-Shaft handle mechanism		
		Door Hardware: n/a	
General Electric	Type STDA Flange Disconnect Switch	Disconnect switch Type QMR or QMW	
		Handle: STDA1X	
		Fuse kit (if required)	
		Variable depth operating mechanism	
	Type STDA Flange Circuit Breaker	Door Hardware: n/a	
		Circuit breaker	
		Handle: STDA1X	Handle: n/a
		Variable depth operating mechanism	
	Circuit Breaker w/ SpectraFlex	Door Hardware: n/a	
		Circuit breaker	
Flange Mt. Handle: 150-600 amp, use STDA1X; SK1200, use STDA3X		Handle: n/a	
Breaker mounted mechanism.			
		Operating cable	
		Door Hardware: n/a	
I-T-E Siemens	Max-Flex Flange Disconnect Switch	Disconnect switch: MCS	
		Fuse Kit (if required)	
		Handle: Flange mount FHOHS4	
		Switch operator mechanism	
		Operating cable (standard 36.0")	
	Max-Flex Flange Circuit Breaker	Door Hardware: n/a	
		Circuit breaker	
		Pressure wire connectors	
		Handle: Flange mount FHOH4	Handle: n/a
		Circuit breaker operator mechanism	
		Operating cable: standard 36"	
		Door Hardware: n/a	
Square D	Class 9422 Disconnect Switch	Disconnect switch and operating mechanism 9422	
		Handle: 1447SN4 use A-1 or A-2; 1447SN4SS use A-2	
		Door Hardware: n/a	
	Class 9422 Circuit Breaker	Circuit breaker	
		Operating mechanism: Class 9422	
		Handle: 1447SN4 use A-1 or A-2; 1447SN4SS use A-2	Handle: n/a
	Class 9422 "T" Disconnect Switch w/ cable mechanism	Door Hardware: n/a	
		Disconnect switch and operating mechanism 9422, Type T	
Handle: 1447SN4 use A-1 or A-2; 1447SN4SS use A-2		Handle: n/a	
		Cable mechanism: Class 9422 CFT O - 3, 5, or 10 foot	
Circuit Breaker w/cable mechanism	Door Hardware: n/a		
	Circuit breaker: Square D		
	Handle: 1447SN4 use A-1 or A-2; 1447SN4SS use A-2	Handle: n/a	
		Door Hardware: n/a	

 Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

Disconnect

Wallmount Enclosures

2UD Two Door Wallmount Disconnect Enclosures - NEMA 12

ABB Controls, Allen Bradley, Cutler Hammer, General Electric, Siemens I-T-E Max-Flex™, Square D

Disconnect



Wallmount Enclosures

Application

Designed to accept the following disconnect switches and circuit breakers:

- **ABB Controls** flange mounted variable depth operating mechanisms for disconnect switches and circuit breakers.
- **Allen Bradley** 1494F flange mounted disconnect switches and 1494D flange mounted operators for circuit breakers. Allen Bradley 1494V variable depth flange mounted disconnect switches and circuit breaker mechanisms.
- **C-H Westinghouse** Type C361 disconnect switches and operator mechanisms, and type C371 circuit breakers and circuit breaker operating mechanisms. Flex Shaft™ handle operators for circuit breakers.
- **General Electric** Type STDA flange handles and variable depth operating mechanisms for disconnect switches and circuit breakers. Also Spectra-Flex™ cable operators for circuit breakers.
- **Siemens I-T-E Max-Flex™** flange mounted variable depth operating handles for disconnect switches and circuit breakers.
- **Square D** disconnect switches and circuit breakers used with Class 9422 flange mounted variable depth operating mechanisms or cable mechanisms. These enclosures will not receive Class 9422 bracket mounted disconnect devices, Class 9422TG1, or TG2 devices.

Operator Adaptor Kits

- All universal series enclosures require one adaptor kit (ordered separately) to adapt the type of disconnect and mechanism to be used.
- Each brand and type requires a different adaptor kit.
- Each kit contains an adaptor plate and master door interlocking mechanism.
- Fully detailed, illustrated instructions are included.

Standards

- UL 508 Type 12
- CSA Type 12
- **Complies with**
 - NEMA Type 12 and 13
 - JIC EGP-1-1967 and EMP-1-1967
 - IEC 60529, IP54
- Appropriate components are required to maintain these standards.

Construction

- Formed from 10 gauge steel with smooth, continuously welded seams.
- Body stiffeners are included in the larger enclosures for extra rigidity.
- Heavy duty lifting eyes are anchored into reinforced top corners.
- Flange trough collar (FTC) around door opening excludes liquids and contaminants.
- Removable doors are secured with heavy duty lift-off hinges.
- Formed 10 gauge steel inner panels are provided on collar studs.
- Panel supports are provided.
- Center post is removable, providing easy panel installation.
- Heavy duty three point latching mechanism with heavy duty roller ends is provided for ease of door closing.
- Oil resistant gaskets are permanently secured and mechanically retained.
- The right hand door is the master door.
- Master door handle complete with screw defeater and padlock hasp.
- Slave door handle complete with padlock hasp.

- A mechanical interlock activated by the master door prevents the auxiliary door from being opened first.
- The universal flange cutout provides mounting for disconnect operators by use of the appropriate operator adaptor kit.
- A provision for mounting fluorescent lighting is provided.
- A bonding stud is provided in the door and a grounding stud is provided in the enclosure for each door.
- A literature pocket is provided for the inside of the door.

Note:

- Disconnect switches, circuit breakers and operators are not provided with the enclosure, and must be ordered separately from the manufacturer.

Finish

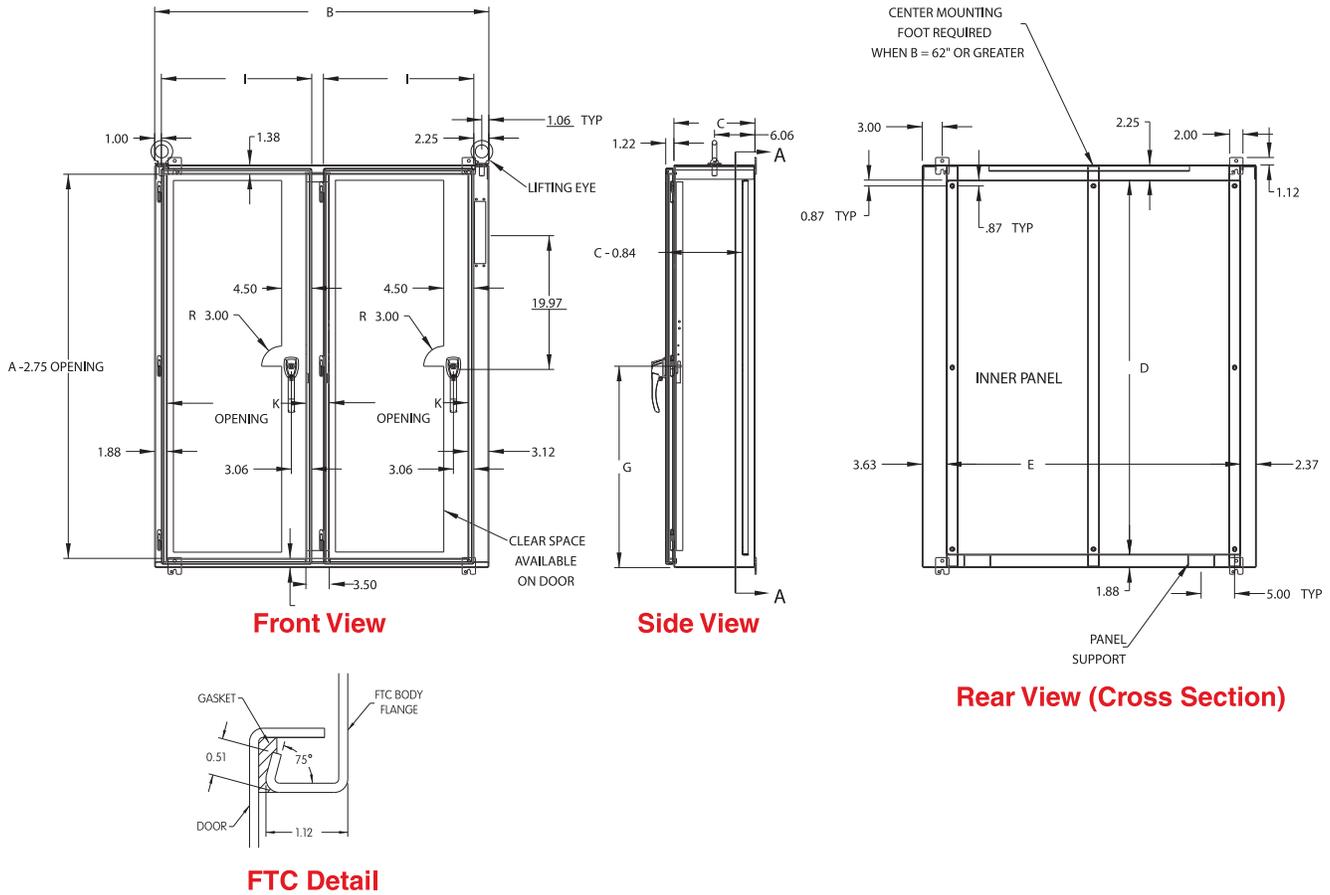
- Door and enclosure are phosphatized and finished in ANSI 61 gray recoatable powder coating on the outside.
- Enclosure interior is finished in white powder coating.
- Inner panel is finished in white powder coating.

Accessories

- Additional inner panels...see page **437**
- Air conditioners...see page **349-367**
- Blank adaptor plates...see page **182**
- Operator adaptor kits...see page **182**
- Blowers...see page **392**
- Breather kits...see page **400-401**
- Doorstop kits...see page **453**
- Filter fans...see page **371-384**
- Floor stand kits...see page **453**
- Heaters...see page **393-396**
- Light kits...see page **452**
- Thermostats...see page **397**
- Window kits...see page **449**

2UD Two Door Wallmount Disconnect Enclosures - NEMA 12

ABB Controls, Allen Bradley, Cutler Hammer, General Electric, Siemens I-T-E Max-Flex™, Square D



Disconnect

Wallmount Enclosures

Part No.	A	B	C	D	E	G	H	I	K	Ship Wt lbs.
2UD605012FTC	60.13	50.00	12.13	56	44	30.06	59.13	22.5	20.75	554
2UD606212FTC	60.13	62.00	12.13	56	56	30.06	59.13	28.5	26.75	683
2UD726212FTC	72.13	62.00	12.13	68	56	36.06	71.13	28.5	26.75	803
2UD727412FTC	72.13	74.00	12.13	68	68	36.06	71.13	34.5	32.75	937

2UDF Two Door Floormount Disconnect Enclosures - NEMA 12

ABB Controls, Allen Bradley, Cutler Hammer, General Electric, Siemens I-T-E Max-Flex™, Square D

Disconnect



Floormount Enclosures

Application

Designed to accept the following disconnect switches and circuit breakers:

- **ABB Controls** flange mounted variable depth operating mechanisms for disconnect switches and circuit breakers.
- **Allen Bradley** 1494F flange mounted disconnect switches and 1494D flange mounted operators for circuit breakers. Allen Bradley 1494V variable depth flange mounted disconnect switches and circuit breaker mechanisms.
- **C-H Westinghouse** Type C361 disconnect switches and operator mechanisms, and type C371 circuit breakers and circuit breaker operating mechanisms. Flex Shaft™ handle operators for circuit breakers.
- **General Electric** Type STDA flange handles and variable depth operating mechanisms for disconnect switches and circuit breakers. Also Spectra-Flex™ cable operators for circuit breakers.
- **Siemens I-T-E Max-Flex™** flange mounted variable depth operating handles for disconnect switches and circuit breakers.
- **Square D** disconnect switches and circuit breakers used with Class 9422 flange mounted variable depth operating mechanisms or cable mechanisms. These enclosures will not receive Class 9422 bracket mounted disconnect devices, Class 9422TG1, or TG2 devices.

Operator Adaptor Kits

- All universal series enclosures require one adaptor kit (ordered separately) to adapt the type of disconnect and mechanism to be used.
- Each brand and type requires a different adaptor kit.
- Each kit contains an adaptor plate and master door interlocking mechanism.
- Fully detailed, illustrated instructions are included.

Standards

- UL 508 Type 12
- CSA Type 12
- **Complies with**
 - NEMA Type 12
 - JIC EGP-1-1967 and EMP-1-1967
 - IEC 60529, IP54
- Appropriate components are required to maintain these standards.

Construction

- Formed from 10 gauge steel with smooth, continuously welded seams.
- Body stiffeners are included in the larger enclosures for extra rigidity.
- Flange trough collar (FTC) around door opening excludes liquids and contaminants.
- 15" floor stands are welded to the enclosure.
- Removable doors are secured with heavy duty lift-off hinges.
- Formed 10 gauge steel inner panels are provided on collar studs.
- Panel supports are provided.
- Center post is removable, providing easy panel installation.
- Heavy duty three point latching mechanism with heavy duty roller ends is provided for ease of door closing.
- Oil resistant gaskets are permanently secured and mechanically retained.
- The right hand door is the master door.
- Master door handle complete with screw deflector and padlock hasp.

- Slave door handle complete with padlock hasp.
- A mechanical interlock activated by the master door prevents the auxiliary door from being opened first.
- The universal flange cutout provides mounting for disconnect operators by use of the appropriate operator adaptor kit.
- A provision for mounting fluorescent lighting is provided.
- A bonding stud is provided in the door and a grounding stud is provided in the enclosure for each door.
- A literature pocket is provided.

Note:

- Disconnect switches, circuit breakers and operators are not provided with the enclosure, and must be ordered separately from the manufacturer.

Finish

- Door and enclosure are phosphatized and finished in ANSI 61 gray recoatable powder coating on the outside.
- Enclosure interior is finished in white powder coating.
- Inner panel is finished in white powder coating.

Accessories

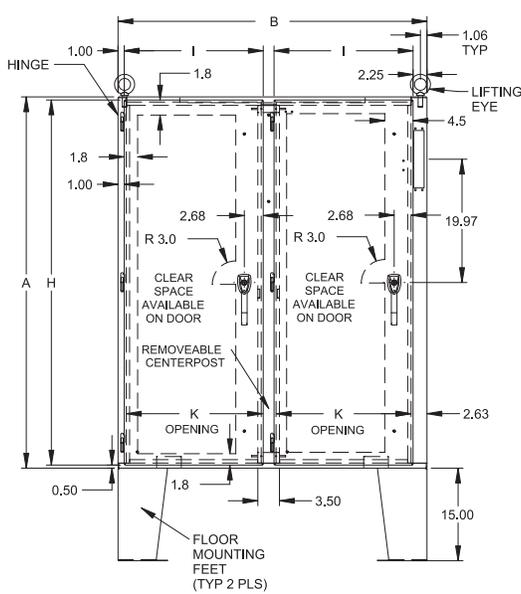
- Additional inner panels...see page **437**
- Air conditioners...see page **349-367**
- Blank adaptor plates...see page **182**
- Operator adaptor kits...see page **182**
- Blowers...see page **392**
- Breather kits...see page **400-401**
- Doorstop kits...see page **453**
- Filter fans...see page **371-384**
- Floor stand kits...see page **453**
- Heaters...see page **393-396**
- Light kits...see page **452**
- Thermostats...see page **397**
- Window kits...see page **449**

Technical references and CAD downloads available at www.hammondmfg.com

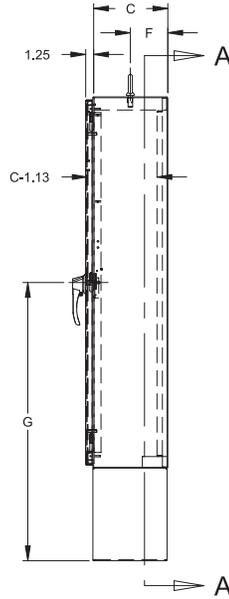
All dimensions in inches unless specified otherwise

2UDF Two Door Floormount Disconnect Enclosures - NEMA 12

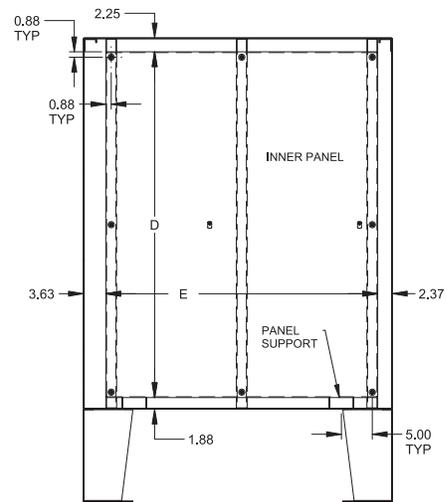
ABB Controls, Allen Bradley, Cutler Hammer, General Electric, Siemens I-T-E Max-Flex™, Square D



Front View



Side View

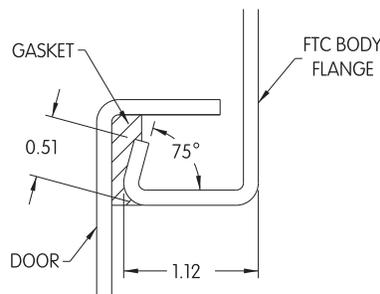


Section A-A

Disconnect

Floormount Enclosures

Part No.	A	B	C	D	E	F	G	H	I	K	Ship Wt lbs.
2UD605012FFTC	60.13	50.00	12.13	56	44	6.06	45.06	59.13	22.5	20.75	554
2UD605018FFTC	60.13	50.00	18.13	56	44	6.06	45.06	59.13	22.5	20.75	683
2UD606212FFTC	60.13	62.00	12.13	56	56	6.06	51.06	59.13	28.5	26.75	801
2UD606218FFTC	60.13	62.00	18.13	56	56	6.06	51.06	59.13	28.5	26.75	935
2UD726212FFTC	72.13	62.00	12.13	68	56	9.06	45.06	71.13	28.5	26.75	617
2UD726218FFTC	72.13	62.00	18.13	68	56	9.06	45.06	71.13	28.5	26.75	752
2UD727412FFTC	72.13	74.00	12.13	68	68	9.06	51.06	71.13	34.5	32.75	877
2UD727418FFTC	72.13	74.00	18.13	68	68	9.06	51.06	71.13	34.5	32.75	1017
2UD727424FFTC	72.13	74.00	24.13	68	68	12.06	51.06	71.13	34.5	32.75	1098



FTC Detail

2UDCP Two Door Floormount Disconnect Enclosures - NEMA 12

ABB Controls, Allen Bradley, Cutler Hammer, General Electric, Siemens I-T-E Max-Flex™, Square D

Disconnect



Floormount Enclosures

Application

Designed to accept the following disconnect switches and circuit breakers:

- **ABB Controls** flange mounted variable depth operating mechanisms for disconnect switches and circuit breakers.
- **Allen Bradley** 1494F flange mounted disconnect switches and 1494D flange mounted operators for circuit breakers. Allen Bradley 1494V variable depth flange mounted disconnect switches and circuit breaker mechanisms.
- **C-H Westinghouse** Type C361 disconnect switches and operator mechanisms, and type C371 circuit breakers and circuit breaker operating mechanisms. Flex Shaft™ handle operators for circuit breakers.
- **General Electric** Type STDA flange handles and variable depth operating mechanisms for disconnect switches and circuit breakers. Also Spectra-Flex™ cable operators for circuit breakers.
- **Siemens I-T-E Max-Flex™** flange mounted variable depth operating handles for disconnect switches and circuit breakers.
- **Square D** disconnect switches and circuit breakers used with Class 9422 flange mounted variable depth operating mechanisms or cable mechanisms. These enclosures will not receive Class 9422 bracket mounted disconnect devices, Class 9422TG1, or TG2 devices.

Standards

- UL 508 Type 12
- CSA Type 12
- **Complies with**
 - NEMA Type 12
 - JIC EGP-1-1967 and EMP-1-1967
 - IEC 60529, IP54
- Appropriate components are required to maintain these standards.

Construction

- Formed from 10 gauge steel with smooth, continuously welded seams.
- Body stiffeners are included in the larger enclosures for extra rigidity.
- 15" floor stands are welded to the enclosure.
- Flange trough Collar (FTC) around door opening excludes liquids and contaminants.
- Heavy duty lifting eyes are anchored into reinforced top corners.
- Removable doors are secured with heavy duty lift-off hinges.
- Formed 10 gauge steel inner panels are provided on collar studs.
- Panel supports are provided.
- Center post is removable, providing easy panel installation.
- Heavy duty three point latching mechanism with heavy duty roller ends is provided for ease of door closing.
- Oil resistant gaskets are permanently secured.
- The left door is the master door.
- Master door handle complete with screw defeater and padlock hasp.
- Slave door handle complete with padlock hasp.
- A mechanical interlock activated by the master door prevents the auxiliary door from being opened first.

- The universal flange cutout provides mounting for disconnect operators by use of the appropriate operator adaptor kit.
- A provision for mounting fluorescent lighting is provided.
- A bonding stud is provided in the door and a grounding stud is provided in the enclosure for each door.
- A literature pocket is provided.

Note:

- Disconnect switches, circuit breakers and operators are not provided with the enclosure, and must be ordered separately from the manufacturer.

Finish

- Door and enclosure are phosphatized and finished in ANSI 61 gray recoatable powder coating on the outside.
- Enclosure interior is finished in white powder coating.
- Inner panel is finished in white powder coating.

Accessories

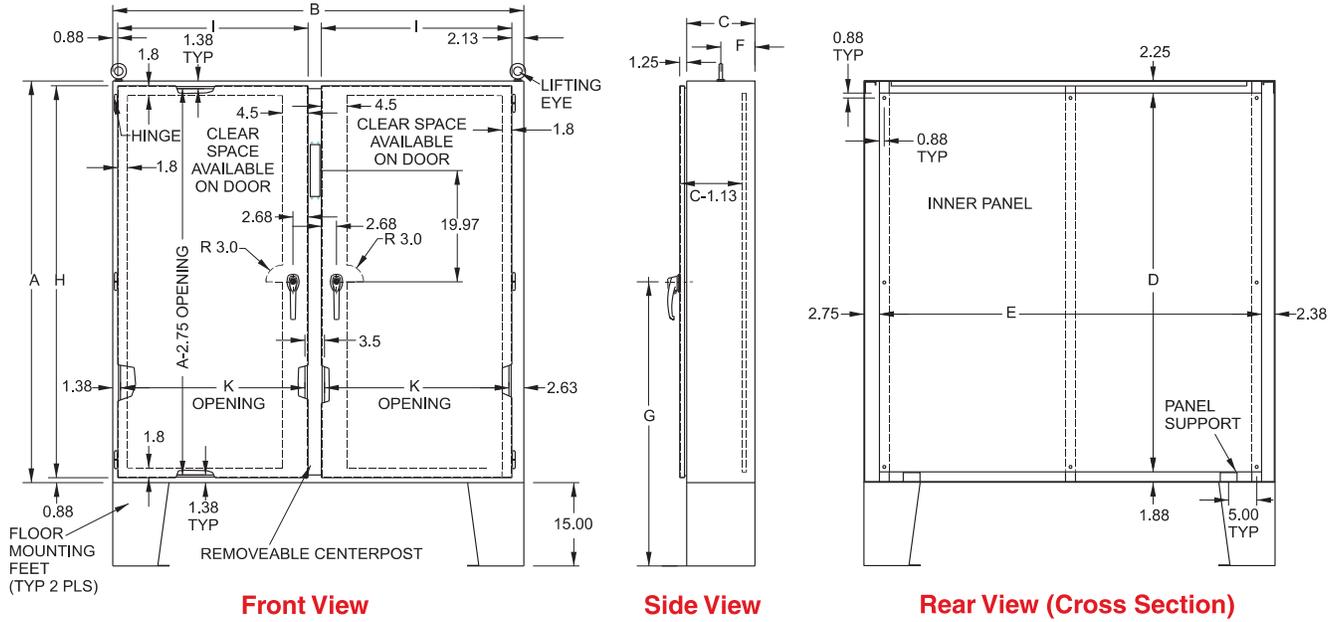
- Additional inner panels...see page **437**
- Air conditioners...see page **349-367**
- Blank adaptor plates...see page **182**
- Operator adaptor kits...see page **182**
- Blowers...see page **392**
- Breather kits...see page **400-401**
- Doorstop kits...see page **453**
- Filter fans...see page **371-384**
- Floor stand kits...see page **453**
- Heaters...see page **393-396**
- Light kits...see page **452**
- Thermostats...see page **397**
- Window kits...see page **449**

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

2UDCP Two Door Floormount Disconnect Enclosures - NEMA 12

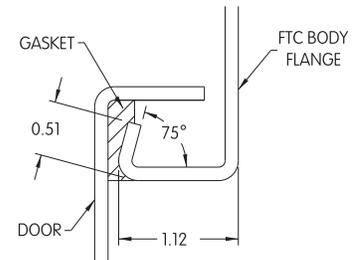
ABB Controls, Allen Bradley, Cutler Hammer, General Electric, Siemens I-T-E Max-Flex™, Square D



Disconnect

Floormount Enclosures

Part No.	Panel Size										Ship Wt lbs.
	A	B	C	D	E	F	G	H	I	K	
2UDCP604912FFTC	60.13	48.88	12.13	56	44	6.06	45.06	59.13	22.5	20.81	547
2UDCP606112FFTC	60.13	60.88	12.13	56	56	6.06	45.06	59.13	28.5	26.81	576
2UDCP726112FFTC	72.13	60.88	12.13	68	56	6.06	51.06	71.13	28.5	26.81	796
2UDCP727312FFTC	72.13	72.88	12.13	68	68	6.06	51.06	71.13	34.5	32.81	929
2UDCP727318FFTC	72.13	72.88	18.13	68	68	9.06	51.06	71.13	34.5	32.81	1009



FTC Detail

2UD, 2UDF & 2UDCP Two Door Disconnect Enclosures - NEMA 12

ABB Controls, Allen Bradley, Cutler Hammer, General Electric, Siemens I-T-E Max-Flex™, Square D

Disconnect

Floormount Enclosures

Disconnect Ordering Information

ABB Controls

Disconnect switch:

- Flange operated switch (fusible or non-fusible)
- Shaft:
 - 12.13" deep enclosures use DSFHS-12
 - 18.13" deep enclosures use DSFHS-17
 - 24.13" deep enclosures, platform must be used with shaft (not included)
- Handle: DSFHN-HS12

Circuit breaker:

- Circuit breaker: ABB
- Operating mechanism
- Shaft:
 - 12.13" deep enclosures use K7FHD-S12
 - 18.13" deep enclosures use K7FHD-S17
 - 24.13" deep enclosures, platform must be used with shaft (not included)
- Handle mechanism: K7FHD-HS12

Allen Bradley

Bulletin 1494F flange mounted disconnect switch:

- Disconnect switch
- Fuse block adaptor (if required)
- Line and load connectors (if required)

1494D flange mounted circuit breaker operating mechanism, order:

- Circuit breaker: C-H Westinghouse
- Operating mechanism
- Slide mechanism

Bulletin 1494V flange mounted disconnect switch, order:

- Disconnect switch
- Operating handle
- Connecting rod (long)
- Trailer fuse block kit (if required)
- Fuse kit (if required)
- Line and load connectors (if required)

Bulletin 1494V flange mounted circuit breaker operating mechanism, order:

- Circuit breaker: C-H Westinghouse
- Operating mechanism
- Operating handle
- Connecting rod (long)
- When Allen Bradley 1494V devices are installed in 72" high enclosures with the operating handle mounted on the center post, an optional Allen Bradley channel support kit is recommended.

C-H Westinghouse

File C361 disconnect switch:

- Disconnect switch with an operating mechanism
- Operating handle: C361H1 or C361H3
- In 24.13" deep enclosures, platform must be used with shaft (not included)

File C371 circuit breaker operating mechanism with a C-H Westinghouse circuit breaker:

- Circuit breaker
- Operating mechanism
- Long operating rod (if required)
- Operating handle
 - 150A - C371H1 or C371H3
 - 250 through 600A - C371H5 or C371H7

Flex-Shaft™ handle mechanism:

- Circuit breaker
- Complete Flex-Shaft™ handle mechanism

General Electric

Disconnect switch:

- Disconnect switch: Type QMR or QMW
- Fuse clip kit or no-fuse kit
- Flange handle: STDA1 or STDA2
- Variable depth operating mechanism
- Extended length drive rod (if required)

Circuit breaker:

- Circuit breaker
- Flange handle: STDA1 or STDA2
- Variable depth operating mechanism
- Extended length drive rod (if required)
- An optional General Electric Flange Stiffener Kit (TDSR) is recommended when General Electric Type TDA devices are installed in 72.13" high enclosures with operating handle mounted on centerpost. Use with TDOM1, TDOM2, TDOM3, S100M1A, and S100M3 operating mechanisms.

Circuit breaker with Spectra-Flex™ cable operator:

- Circuit breaker
- Flange mounted handle mechanism
- 150 to 600A - STDA1
- SK1200 - STDA3
- Breaker mounted mechanism
- Operating cable

I-T-E Siemens

Disconnect switch:

- Basic switch (right-hand)
- Fuse kit or no-fuse kit
- Flange mounted handle: FHOHS
- Switch operator
- Operating cable:
 - FHOECO36 cable for 12.13" deep
 - FHOECO48 for 18.13" and 24.13" deep enclosures

Circuit breaker:

- Circuit breaker
- Pressure wire connectors
- Flange mounted handle
 - 100 to 600 - FHOH
 - 800 to 2000 - FHOHN
- Circuit breaker operator mechanism
- Operating cable:
 - 36" cable for 12.13" or 18.13" deep
 - 48" for 24.13" deep enclosures
- These items are available as a complete mechanism with a 36" operating cable only. Order items separately when using a 48" operating cable.

Square D

Disconnect switch:

- Disconnect switch with operating mechanism
- Universal handle mechanism: Type A-1
- Long operating rod (if required)

Circuit breaker:

- Circuit breaker
- Operating mechanism
- Universal handle mechanism: Type A-1
- Long operating rod (if required)

Class 9422 Type T disconnect switch with a cable mechanism:

- Disconnect switch with operating mechanism: Class 9422, Type T
- Handle mechanism: Class 9422, type A-1
- Cable mechanism: Class 9422 CFT_O, 3, 5, or 10 foot

Circuit breaker with a cable mechanism:

- Circuit breaker: Square D
- Handle mechanism: Class 9422, type A-1
- Cable mechanism: Class 9422 CFT_O, 3, 5, or 10 foot
- An optional Square D Channel flange Support Kit (9422-C1) is recommended when some Square D devices are installed in 72.13" high enclosures with operating handle mounted on centerpost.

Disconnect

Floormount Enclosures

UHD Heavy Duty Disconnect Enclosures - NEMA 12

ABB Controls, Allen Bradley, Cutler Hammer, General Electric, Siemens I-T-E Max-Flex™, Square D

Disconnect

Freestanding Enclosures



3UHD Shown



Application

- Designed to accept the following disconnect switches and circuit breakers:
- **ABB Controls** flange mounted variable depth operating mechanisms for disconnect switches and circuit breakers.
- **Allen Bradley** 1494F flange mounted disconnect switches and 1494D flange mounted operators for circuit breakers. Allen Bradley 1494V variable depth flange mounted disconnect switches and circuit breaker mechanisms.
- **C-H Westinghouse** type C361 disconnect switches and operator mechanism. Cutler Hammer Type C371 circuit breaker operating mechanisms. Flex-Shaft™ handle operators for circuit breakers.
- **General Electric** type STDA flange handles and variable depth operating mechanisms for disconnect switches and circuit breakers. Also Spectra-Flex™ cable operators for circuit breakers.
- **Siemens I-T-E Max-Flex™** flange mounted variable depth operating handles for disconnect switches and circuit breakers.
- **Square D** disconnect switches and circuit breakers used with Class 9422 flange mounted variable depth operating mechanisms or cable mechanisms. These enclosures will not receive Class 9422 bracket mounted disconnect devices or class 9422TG1 or TG2 devices.

Standards

- UL 508 Type 12
- CSA Type 12
- **Complies with**
 - NEMA Type 12
 - JIC EGP-1-1967 and EMP-1-1967
 - IEC 60529, IP54
 - Appropriate components are required to maintain these standards.

Construction

- Formed from 10 gauge steel with smooth, continuously welded seams.
- Body stiffeners are provided in the larger enclosures for extra rigidity.
- Flange trough collar (FTC) around door opening excludes liquids and contaminants.
- Heavy duty lifting eyes are anchored into reinforced top corners.
- Removable doors are secured with heavy duty lift off hinges.
- Formed 10 gauge steel inner panels are provided on collar studs.
- Panel supports are provided.
- Center post is removable, providing easy panel installation.
- Heavy duty three point latching mechanism with heavy duty roller ends is provided for ease of door closing.
- Oil resistant gaskets are permanently secured.
- The right-hand door on all enclosures is the master door.
- Master door handle complete with screw defeater and padlock hasp.
- Slave door handle complete with padlock hasp.

- A mechanical interlock activated by the master door prevents the auxiliary door from being opened first.
- The universal flange cutout provides mounting for disconnect operators by use of the appropriate operator adaptor kit.
- A provision for mounting fluorescent lighting is provided.
- A bonding stud is provided in the door and a grounding stud is provided in the enclosure for each door.
- A literature pocket is provided for the inside of the door.

Note:

- Disconnect switches, circuit breakers and operators are not provided with the enclosure, and must be ordered separately from the manufacturer.

Finish

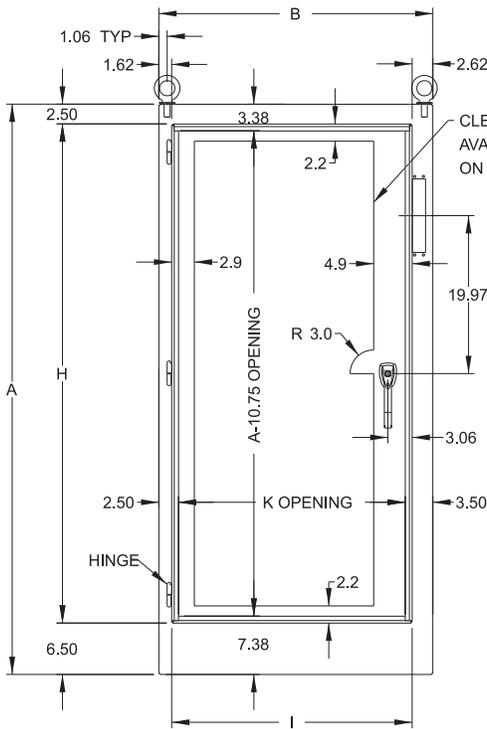
- Door and enclosure are phosphatized and finished in ANSI 61 gray recoatable powder coating on the outside.
- Interior - white powder coating.
- Inner panel is finished in white powder coating.

1UHD Heavy Duty Disconnect Enclosures - NEMA 12

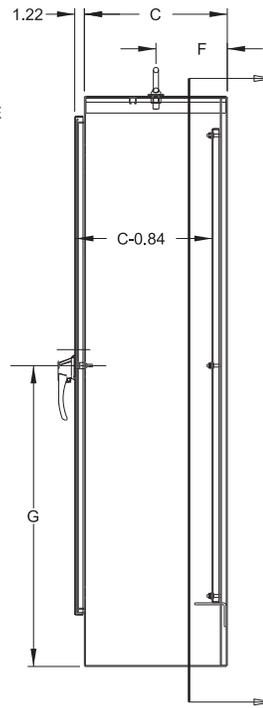
ABB Controls, Allen Bradley, Cutler Hammer, General Electric, Siemens I-T-E Max-Flex™, Square D

Disconnect

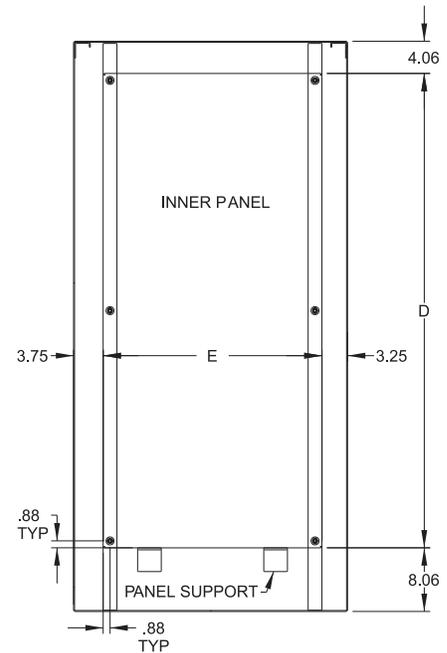
Freestanding Enclosures



Front View



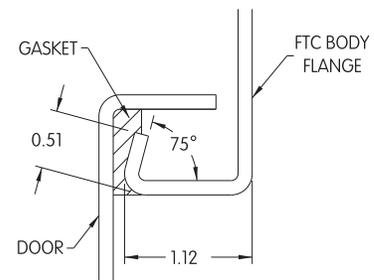
Side View



Rear View (Cross Section)

Accessories

- Additional inner panels...contact factory
- Air conditioners...see page **349-367**
- Blank adaptor plates...see page **182**
- Operator adaptor kits...see page **182**
- Blowers...see page **392**
- Breather kits...see page **400-401**
- Doorstop kits...see page **453**
- Enclosure stabilizers...see page **456**
- Filter fans...see page **371-384**
- Floor stand kits...see page **453**
- Heaters...see page **393-396**
- Light kits...see page **452**
- Thermostats...see page **397**



Part No.	Overall Dimensions			Panel Size			G	H	I	K	Ship Wt. lbs
	A	B	C	D	E	F					
1UHD722918FTC	72.13	28.75	18.13	60.00	21.75	9.06	38.06	63.13	24.50	22.75	433.00
1UHD723518FTC	72.13	34.75	18.13	60.00	27.75	9.06	38.06	63.13	30.50	28.75	499.00
1UHD724118FTC	72.13	40.75	18.13	60.00	33.75	9.06	38.06	63.13	36.50	34.75	565.00
1UHD844118FTC	84.13	40.75	18.13	72.00	33.75	9.06	44.06	75.13	36.50	34.75	650.00
1UHD844124FTC	84.13	40.75	24.13	72.00	33.75	12.06	44.06	75.13	36.50	34.75	720.00
1UHD904118FTC	90.13	40.75	18.13	78.00	33.75	9.06	47.06	81.13	36.50	34.75	670.00
1UHD904120FTC	90.13	40.75	20.13	78.00	33.75	10.06	47.06	81.13	36.50	34.75	718.00
1UHD904124FTC	90.13	40.75	24.13	78.00	33.75	12.06	47.06	81.13	36.50	34.75	766.00

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

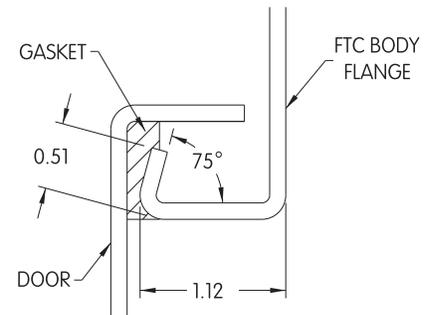
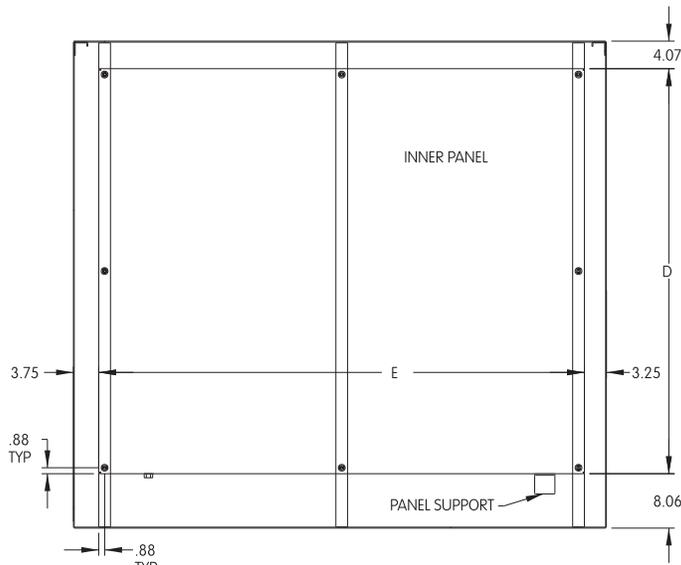
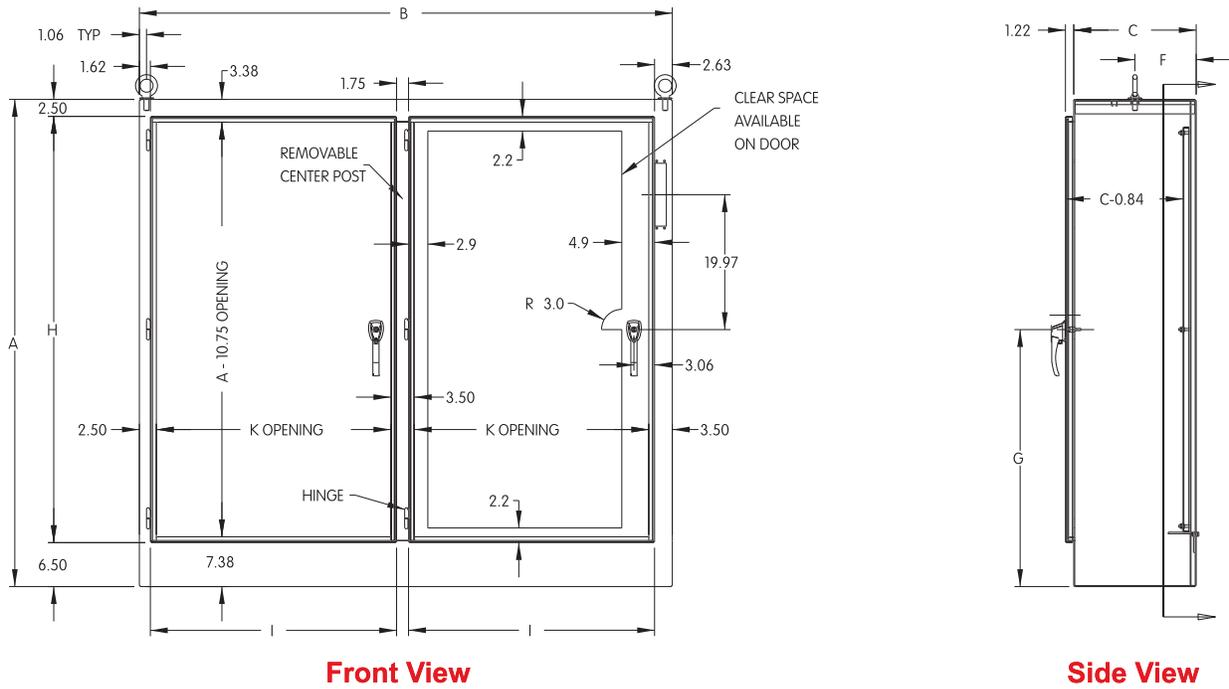
Quality Products. Service Excellence.

2UHD Two Door Heavy Duty Disconnect Enclosures - NEMA 12

ABB Controls, Allen Bradley, Cutler Hammer, General Electric, Siemens I-T-E Max-Flex™, Square D

Disconnect

Freestanding Enclosures



Rear View (Cross Section)

Part No.	Overall Dimensions			Panel Size			G	H	I	K	Ship Wt. lbs
	A	B	C	D	E	F					
2UHD725518FTC	72.13	55	18.13	60	48	9.06	38.06	63.13	24.5	22.75	751
2UHD726718FTC	72.13	67	18.13	60	60	9.06	38.06	63.13	30.5	28.75	903
2UHD727918FTC	72.13	79	18.13	60	72	9.06	38.06	63.13	36.5	34.75	1036
2UHD727924FTC	72.13	79	24.13	60	72	12.06	38.06	63.13	36.5	34.75	1199
2UHD847918FTC	84.13	79	18.13	72	72	9.06	44.06	75.13	36.5	34.75	1121
2UHD847924FTC	84.13	79	24.13	72	72	12.06	44.06	75.13	36.5	34.75	1280
2UHD907918FTC	90.13	79	18.13	78	72	9.06	47.06	81.13	36.5	34.75	1237
2UHD907920FTC	90.13	79	20.13	78	72	10.06	47.06	81.13	36.5	34.75	1297
2UHD907924FTC	90.13	79	24.13	78	72	12.06	47.06	81.13	36.5	34.75	1356

Technical references and CAD downloads available at www.hammondmfg.com

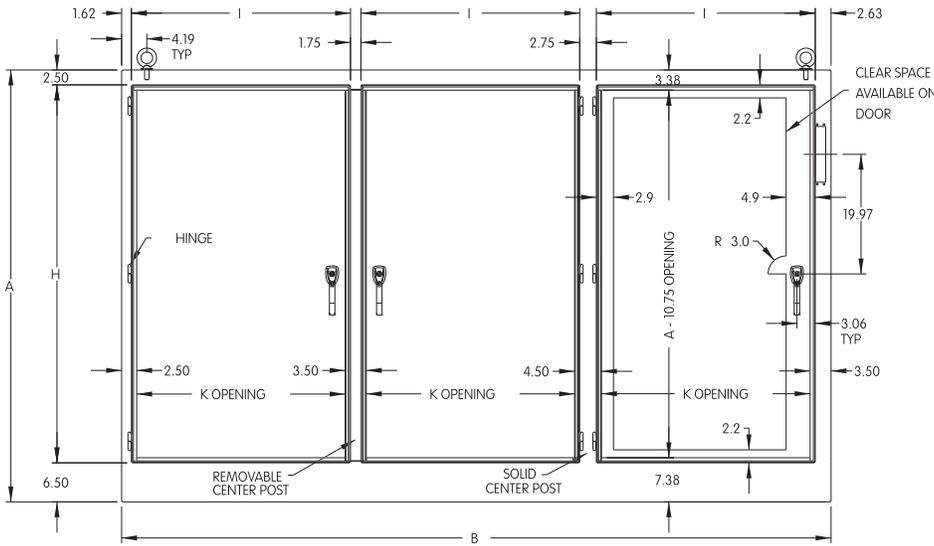
All dimensions in inches unless specified otherwise

3UHD Three Door Heavy Duty Disconnect Enclosures - NEMA 12

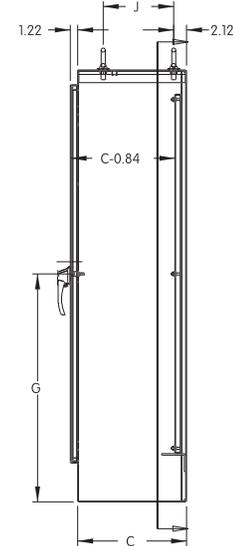
ABB Controls, Allen Bradley, Cutler Hammer, General Electric, Siemens I-T-E Max-Flex™, Square D

Disconnect

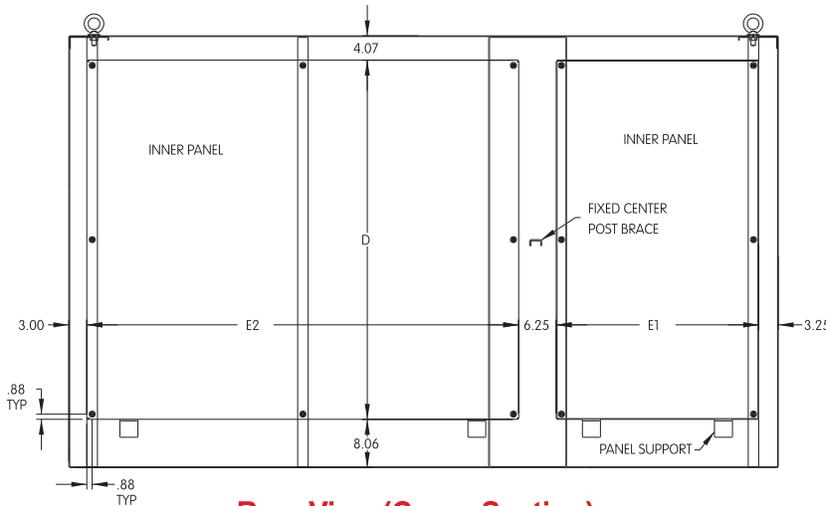
Freestanding Enclosures



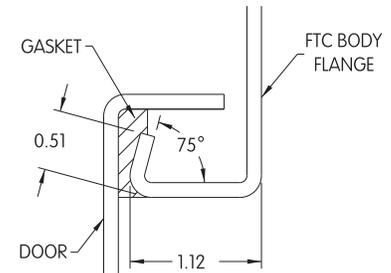
Front View



Side View



Rear View (Cross Section)



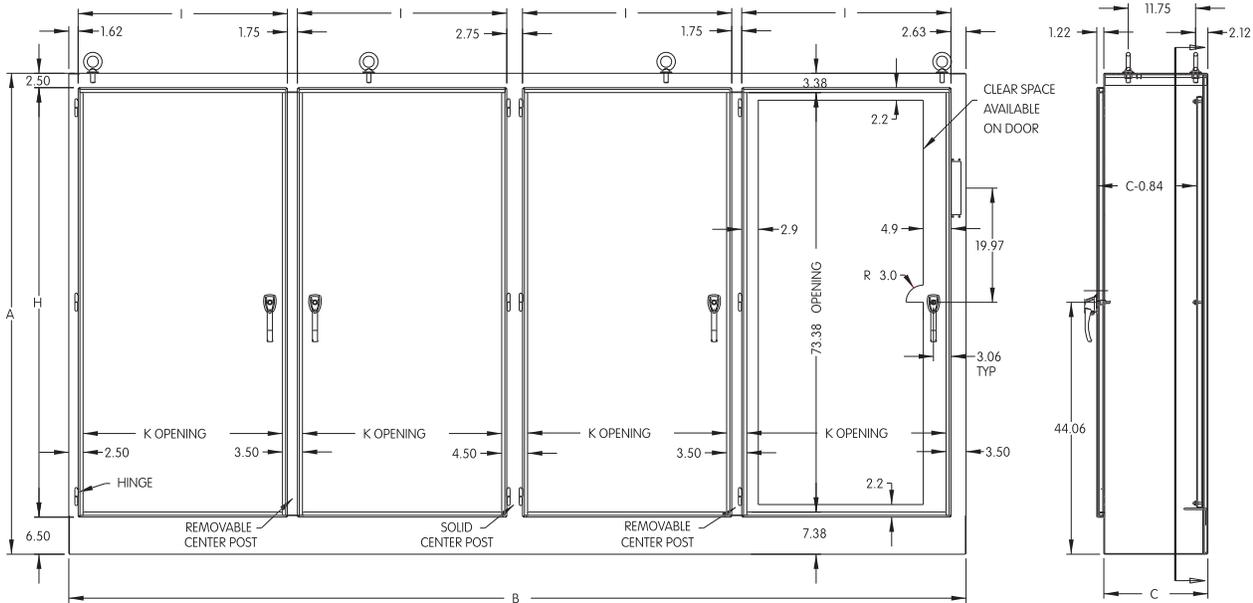
Part No.	Overall Dimensions				Panel Size			G	H	I	J	K	Ship Wt. lbs
	A	B	C	D	E ¹	E ²							
3UHD7210118FTC	72.13	100.25	18.13	60	27.75	60	38.06	63.13	30.5	11.75	28.75	1269	
3UHD7211918FTC	72.13	118.25	18.13	60	33.75	72	38.06	63.13	36.5	11.75	34.75	1497	
3UHD8411918FTC	84.13	118.25	18.13	72	33.75	72	44.06	75.13	36.5	11.75	34.75	1727	
3UHD8411924FTC	84.13	118.25	24.13	72	33.75	72	44.06	75.13	36.5	17.75	34.75	1839	
3UHD9011924FTC	90.13	118.25	24.13	78	33.75	72	47.06	81.13	36.5	17.75	34.75	1958	

4UHD Four Door Heavy Duty Disconnect Enclosures - NEMA 12

ABB Controls, Allen Bradley, Cutler Hammer, General Electric, Siemens I-T-E Max-Flex™, Square D

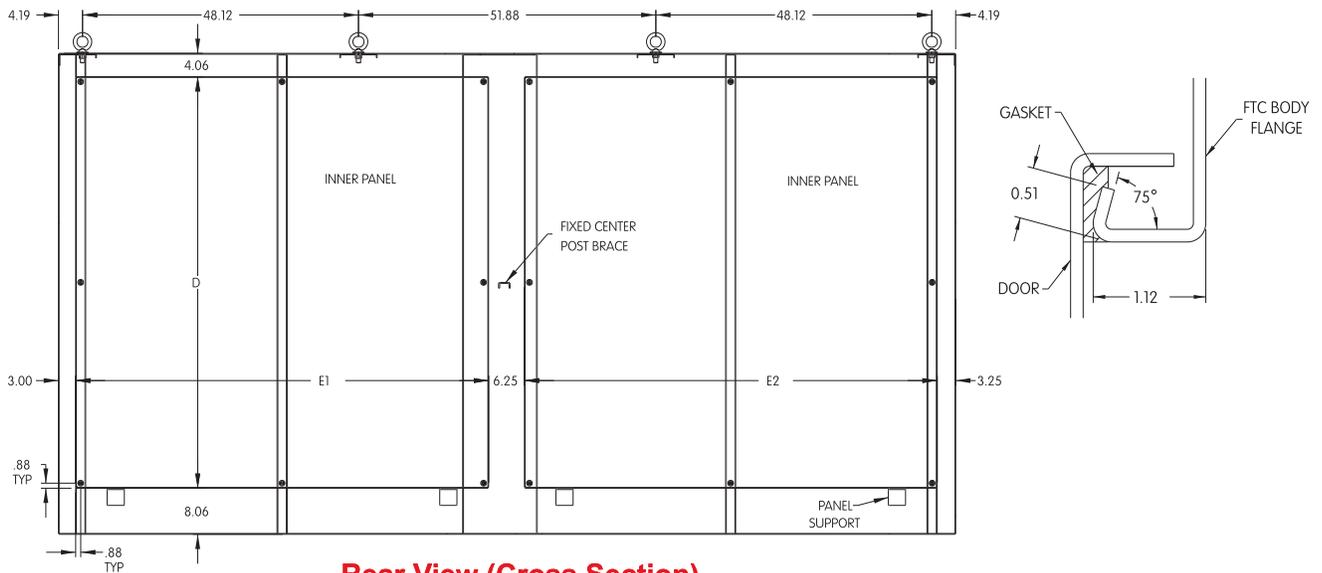
Disconnect

Freestanding Enclosures



Front View

Side View



Rear View (Cross Section)

Part No.	Overall Dimensions				Panel Size				Ship Wt. lbs	
	A	B	C	D	E ¹	E ²	H	I		K
4UHD8415718FTC	84.13	156.5	18.13	72	72	72	75.13	36.5	34.75	2271
4UHD9015718FTC	90.13	156.5	18.13	78	72	72	81.13	36.5	34.75	2361

Technical references and CAD downloads available at www.hammondmfg.com

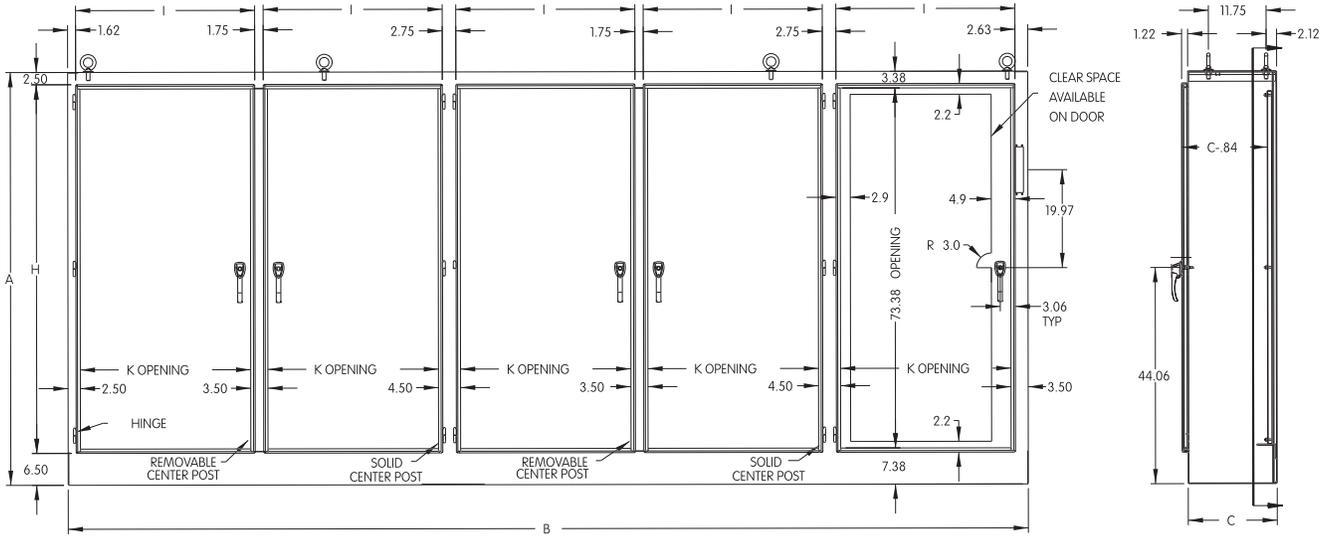
All dimensions in inches unless specified otherwise

5UHD Five Door Heavy Duty Disconnect Enclosures - NEMA 12

ABB Controls, Allen Bradley, Cutler Hammer, General Electric, Siemens I-T-E Max-Flex™, Square D

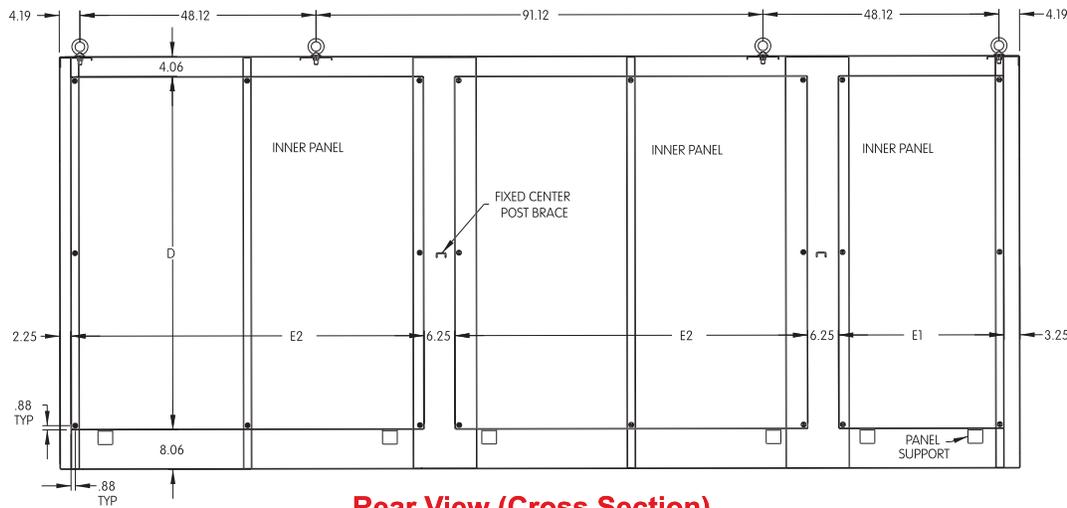
Disconnect

Freestanding Enclosures

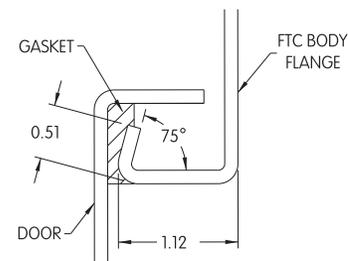


Front View

Side View



Rear View (Cross Section)



Part No.	Overall Dimensions				Panel Size			H	I	K	Ship Wt. lbs
	A	B	C	D	E ¹	E ²	K				
5UHD8419518FTC	84.13	195.75	18.13	72	33.75	72	75.13	36.5	34.75	2820	
5UHD9019518FTC	90.13	195.75	18.13	78	33.75	72	81.13	36.5	34.75	2910	

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

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UHD Heavy Duty Disconnect Enclosures - NEMA 12

ABB Controls, Allen Bradley, Cutler Hammer, General Electric, Siemens I-T-E Max-Flex™, Square D

Disconnect

Freestanding Enclosures

Disconnect Ordering Information

ABB Controls

Disconnect switch:

- Flange operated switch (fusible or non-fusible)
- Shaft:
 - 18.13" deep enclosures use DSFHS-17
 - 20.13" deep enclosures use DSFHS-22
 - 24.13" deep enclosures, platform must be used with shaft (not included)
- Hhandle: DSFHN-HS12

Circuit breaker:

- Circuit breaker: ABB
- Operating mechanism
- Shaft
 - 18.13" deep enclosures use K7FHD-S17
 - 20.13" deep enclosures use K7FHD-S22
 - 24.13" deep enclosures, platform must be used with shaft (not included)
- Handle mechanism: K7FHD-HS12

Allen Bradley

Bulletin 1494F flange mounted disconnect switch:

- Disconnect switch
- Fuse block adaptor (if required)
- Line and load connectors (if required)

1494D flange mounted circuit breaker operating mechanism:

- Circuit breaker: C-H Westinghouse
- Flange mounted operating mechanism
- Slide mechanism

Bulletin 1494V flange mounted disconnect switch:

- Disconnect switch
- Operating handle
- Connecting rod/rods (long)
- Trailer fuse block kit (if required)
- Fuse clip kit (if required)
- Line and load connectors (if required)

Bulletin 1494V flange mounted circuit breaker operating mechanism:

- Circuit breaker: C-H Westinghouse
- Operating mechanism
- Operating handle
- Connecting rod (long)

C-H Westinghouse

Type C361 disconnect switch, order:

- Disconnect switch with an operating mechanism
- Operating handle: C361H1 or C361H3
- In 24.13" deep enclosures, platform must be used with shaft (not included)

Type C371 circuit breaker operating mechanism with a C-H Westinghouse circuit breaker:

- Circuit breaker
- Operating mechanism
- Long operating rod (if required)
- Operating handle:
 - 150A - C371H1 or C371H3;
 - 250 through 1200A - C371H5 or C371H7

Flex-Shaft™ handle mechanism:

- Circuit breaker
- Complete Flex-Shaft™ handle mechanism

General Electric

Disconnect switch:

- Disconnect switch: Type QMR or QMW
- Fuse clip kit or no-fuse kit
- Flange handle: STDA1 or STDA2
- Variable depth operating mechanism
- Extended length drive rod (if required)

Circuit breaker:

- Circuit breaker
- Flange handle: STDA1 or STDA2
- Variable depth operating mechanism
- Extended length drive rod (if required)

Circuit breaker with a Spectra-Flex™ cable operator:

- Circuit breaker
- Blange mounted handle mechanism:
 - 150 to 600 amps - STDA1
 - SK1200 - STDA3
- Breaker mounted mechanism
- Operating cable

I-T-E Siemens

Disconnect switch:

- Basic switch (right-hand)
- Fuse or no-fuse kit
- Flange mounted handle: FHOHS
- Switch operator
- Operating cable: FHOEC048

Circuit breaker:

- Circuit breaker
- Pressure wire connectors
- Flange mounted handle:
 - 100 to 600 - FHOH
 - 800 to 2000 - FHOHN
- Circuit breaker operator mechanism
- Operating cable:
 - 18.13" deep or 24.13" deep enclosures accept 36" or 48" cables;
 - 24.13" deep enclosures require a 48" cable
- These items are available from I-T-E as a complete mechanism with a 36" operating cable only Order items separately when using a 48" cable

Square D

Disconnect switch:

- Disconnect switch with operating mechanism
- Universal handle mechanism: Type A-1
- Long operating rod (if required)

Circuit breaker:

- Circuit breaker
- Operating mechanism
- Universal handle mechanism: Type A-1
- Long operating rod (if required)

When using a Class 9422 Type T disconnect switch with a cable mechanism, order:

- Disconnect switch with operating mechanism: Class 9422, Type T
- Handle mechanism: Class 9422, Type A-1
- Cable mechanism: Class 9422 CFT_O, 3, 5, or 10 foot

Circuit breaker with a cable mechanism:

- Circuit breaker: Square D
- Handle mechanism: Class 9422, type A-1
- Cable mechanism: Class 9422 CFT_O, 3, 5, or 10 foot

Disconnect

Freestanding Enclosures

UHDM Modular Disconnect Enclosures - NEMA 12

ABB Controls, Allen Bradley, Cutler Hammer, General Electric, Siemens I-T-E Max-Flex™, Square D

Disconnect



Freestanding Enclosures

Application

Designed to bolt together in any number of units for maximum flexibility and ease of transportation. The UHDM system consists of a Master enclosure to house the flange mounted disconnect switch and interlocking Slave enclosures which may be added or removed as required. Master enclosure units will accept the following disconnect switches and circuit breakers:

- **ABB Controls** flange mounted variable depth operating mechanism for disconnect switches and circuit breakers.
- **Allen Bradley** 1494F flange mounted disconnect switches and 1494D flange mounted operators for circuit breakers. Allen Bradley 1494V variable depth flange operated disconnect switches and circuit breaker mechanisms.
- **C-H Westinghouse** Type C361 disconnect switches and operator mechanism. Cutler Hammer Type C371 circuit breaker operating mechanisms. Flex Shaft™ handle operators for circuit breakers.
- **General Electric** Type STDA flange handles and variable depth operating mechanisms for disconnect switches and circuit breakers. Also Spectra-Flex™ cable operators for circuit breakers.
- **I-T-E Max-Flex™** flange mounted variable depth operating handles for disconnect switches and circuit breakers.
- **Square D** disconnect switches and circuit breakers used with Class 9422 flange mounted variable depth operating mechanisms or cable mechanisms. These enclosures will not receive Class 9422 bracket mounted disconnect devices or Class 9422TG1 or TG2 devices.

Standards

- UL 508 Type 12
- CSA Type 12
- **Complies with**
 - NEMA Type 12
 - JIC EGP-1-1967 and EMP-1-1967
 - IEC 60529, IP54
- Appropriate components are required to maintain these standards.

Construction

- Formed from 10 gauge steel with smooth continuously welded seams.
- Body stiffeners are provided in the larger enclosures for extra rigidity.
- Heavy duty lifting eyes are anchored into reinforced top corners.
- Removable doors are secured with heavy duty lift off hinges.
- Flange trough collar (FTC) around door excludes liquids and contaminants.
- Formed 10 gauge steel inner panels are provided on collar studs.
- Panel supports are provided.
- Center post is removable, providing easy panel installation.
- Heavy duty three point latching door mechanism.
- Side openings are reinforced to provide structural strength, smooth edges and preset gasket compression.
- Oil resistant gaskets on doors and side openings are permanently secured. No gasket kit is provided.
- Master door handle complete with

- screw defeater and padlock hasp.
- Slave door handle complete with padlock hasp.
- A mechanical interlock activated by the master door prevents the auxiliary door from being opened first.
- The universal flange cutout provides mounting for disconnect operators by use of the appropriate operator adaptor kit.
- A bonding stud is provided in the door and a grounding stud is provided in the enclosure for each door.
- A literature pocket is provided.

Note:

- Disconnect switches, circuit breakers and operators are not provided with the enclosure, and must be ordered separately from the manufacturer.

Finish

- Door and enclosure are phosphatized and finished in ANSI 61 gray recoatable powder coating on the outside.
- Interior - white powder coating.
- Inner panel is finished in white powder coating.

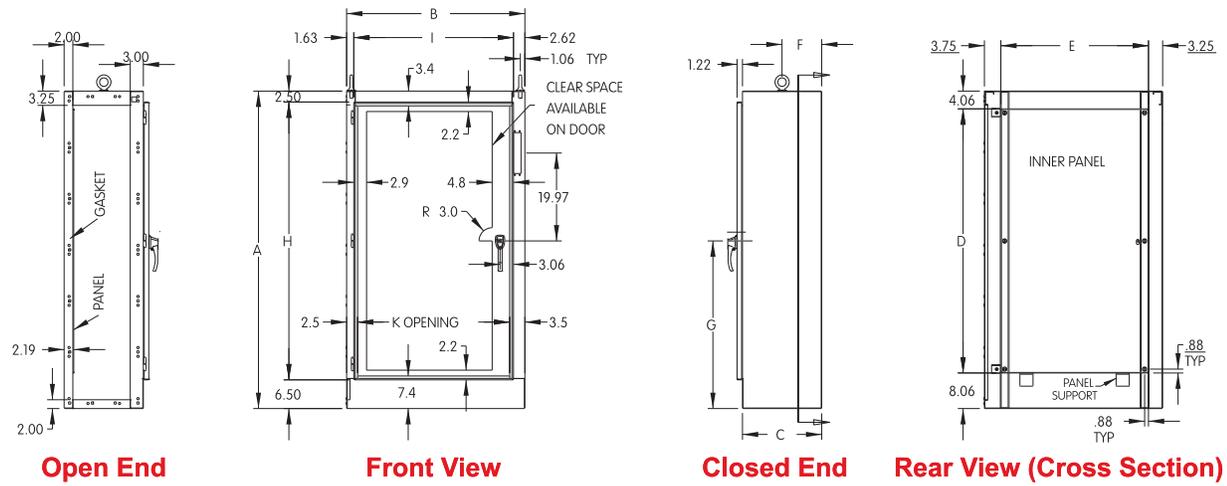
Accessories

- Additional inner panels...*contact factory*
- Air conditioners...*see page 349-367*
- Blank adaptor plates...*see page 182*
- Operator adaptor kits...*see page 182*
- Blowers...*see page 392*
- Breather kits...*see page 400-401*
- Doorstop kits...*see page 453*
- Enclosure stabilizers...*see page 456*
- Filter fans...*see page 371-384*
- Floor stand kits...*see page 453*
- Heaters...*see page 393-396*
- Light kits...*see page 452*
- Thermostats...*see page 397*
- Window kits...*see page 449*

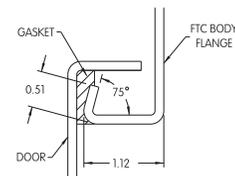
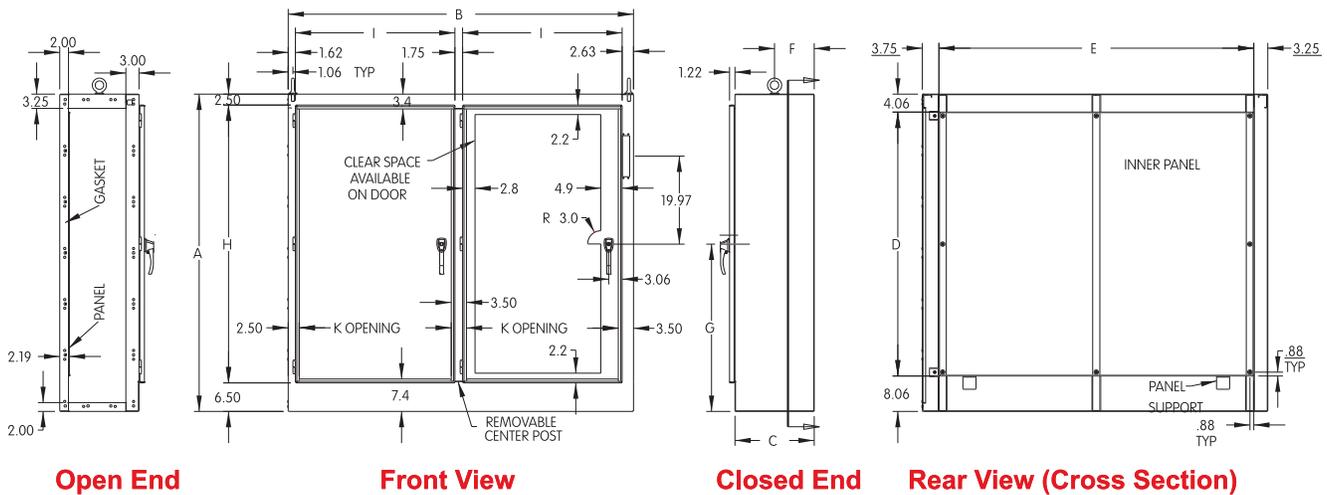
UHDM Modular Disconnect Enclosures - NEMA 12

ABB Controls, Allen Bradley, Cutler Hammer, General Electric, Siemens I-T-E Max-Flex™, Square D

Single Door Master Enclosure (Left side open)



Two Door Master Enclosure (Left side open)



Master Enclosures

Part No.	Overall Dimensions										Ship Wt. lbs.	Description
	A	B	C	D	E	F	G	H	I	K		
UHDM724118MFTC	72.13	40.75	18.13	60	33.75	9.06	38.06	63.13	36.5	34.75	506	Single Door Disconnect
UHDM844118MFTC	84.13	40.75	18.13	72	33.75	9.06	44.06	75.13	36.5	34.75	573	Left side open
UHDM844124MFTC	84.13	40.75	24.13	72	33.75	12.06	44.06	75.13	36.5	34.75	658	
UHDM727918MFTC	72.13	79.00	18.13	60	72.00	9.06	38.06	63.13	36.5	34.75	918	Two Door Disconnect
UHDM847918MFTC	84.13	79.00	18.13	72	72.00	9.06	44.06	75.13	36.5	34.75	1050	Left side open
UHDM847924MFTC	84.13	79.00	24.13	72	72.00	12.06	44.06	75.13	36.5	34.75	1150	

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

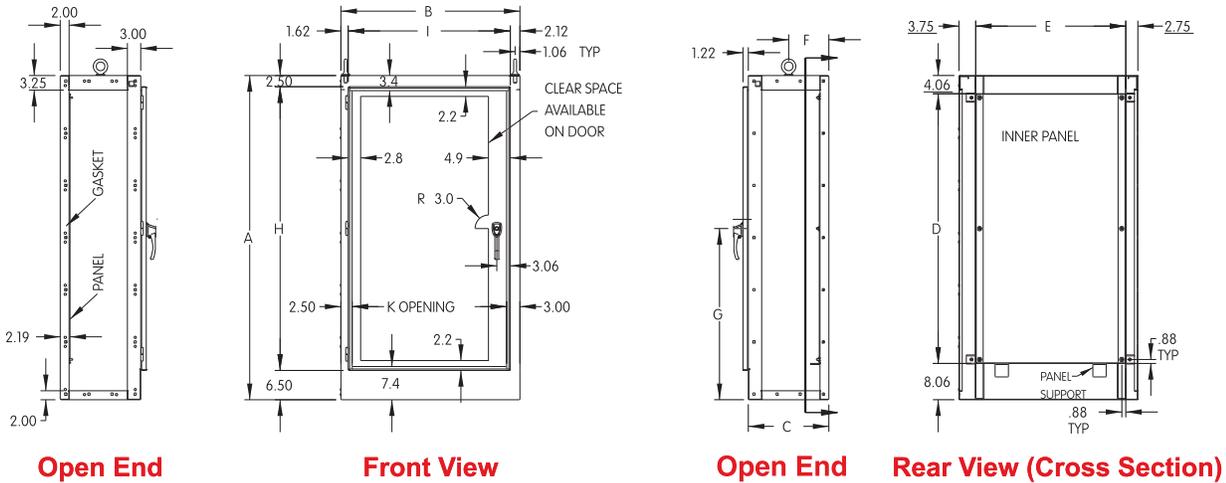
Quality Products. Service Excellence.

UHDM Modular Disconnect Enclosures - NEMA 12

ABB Controls, Allen Bradley, Cutler Hammer, General Electric, Siemens I-T-E Max-Flex™, Square D

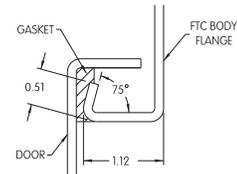
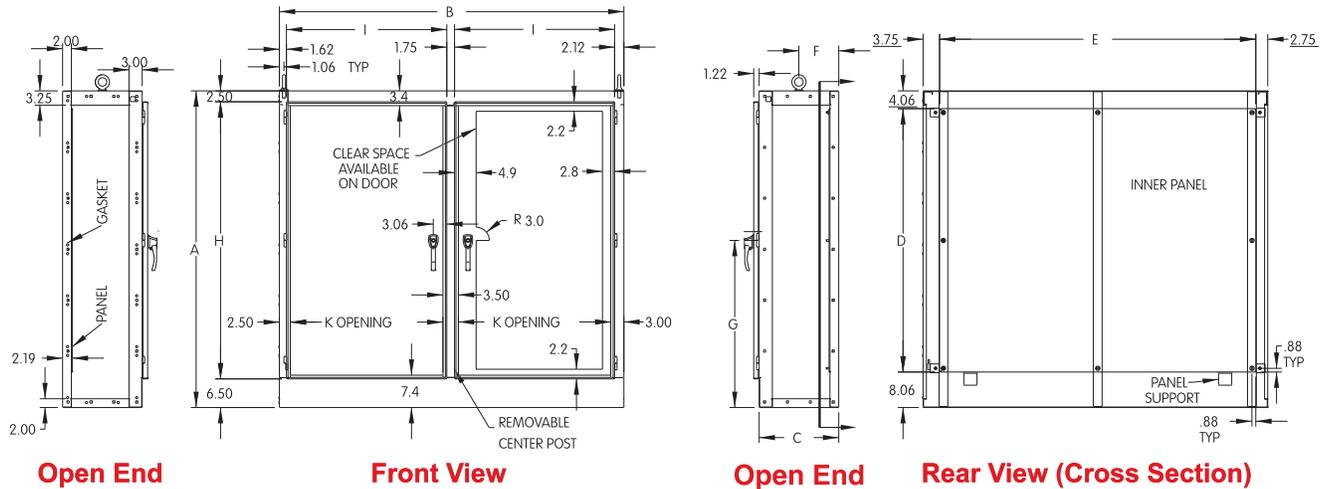
Disconnect

Single Door Slave Enclosure (Both sides open)



Freestanding Enclosures

Two Door Slave Enclosure (Both sides open)



Slave Enclosures

Part No.	Overall Dimensions										Ship Wt. lbs.	Description
	A	B	C	D	E	F	G	H	I	K		
UHDM724118SFTC	72.13	40.25	18.13	60	33.75	9.06	38.06	63.13	36.5	34.75	473	Single Door Slave
UHDM844118SFTC	84.13	40.25	18.13	72	33.75	9.06	44.06	75.13	36.5	34.75	550	Both sides open
UHDM844124SFTC	84.13	40.25	24.13	72	33.75	12.06	44.06	75.13	36.5	34.75	570	
UHDM727818SFTC	72.13	78.50	18.13	60	72.00	9.06	38.06	63.13	36.5	34.75	888	Two Door Slave
UHDM847818SFTC	84.13	78.50	18.13	72	72.00	9.06	44.06	75.13	36.5	34.75	1010	Both sides open
UHDM847824SFTC	84.13	78.50	24.13	72	72.00	12.06	44.06	75.13	36.5	34.75	1060	

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

UHDM Modular Disconnect Enclosures - NEMA 12

ABB Controls, Allen Bradley, Cutler Hammer, General Electric, Siemens I-T-E Max-Flex™, Square D

Disconnect Ordering Information

ABB Controls

Disconnect switch:

- Flange operated switch (fusible or non-fusible)
- Shaft:
 - 18.13" deep enclosures use DSFHS-17
 - 24.13" deep enclosures, platform must be used with shaft (not included)
- Handle: DSFHN-HS12

Circuit breaker:

- Circuit breaker: ABB
- Operating mechanism
- Shaft:
 - 18.13" deep enclosures use K7FHD-S17
 - 24.13" deep enclosures, platform must be used with shaft (not included)
- Handle mechanism: K7FHD-HS12

Allen Bradley

Bulletin 1494F flange mounted

disconnect switch:

- Disconnect switch
- Fuse block adaptor (if required)
- Line and load connectors (if required)

1494D flange mounted circuit breaker operating mechanism:

- Circuit breaker: C-H Westinghouse
- Flange mounted operating mechanism
- Slide mechanism

Bulletin 1494V flange mounted

disconnect switch:

- Disconnect switch
- Operating handle
- Connecting rod/rods (long)
- Trailer fuse block kit (if required)
- Fuse clip kit (if required)
- Line and load connectors (if required)

Bulletin 1494V flange mounted circuit breaker operating mechanism:

- Circuit breaker: C-H Westinghouse
- Operating mechanism
- Operating handle
- Connecting rod (long)

C-H Westinghouse

Type C361 disconnect switch:

- Disconnect switch with an operating mechanism
- Operating handle: C361H1 or C361H3
- In 24.13" deep enclosures, platform must be used with shaft (not included)

Type C371 circuit breaker operating mechanism with a C-H Westinghouse circuit breaker:

- Circuit breaker
- Operating mechanism
- Long operating rod (if required)
- Operating handle:
 - 150 amp - C371H1 or C371H3
 - 250 through 1200 amp - C371H5 or C371H7

Flex-Shaft™ handle mechanism:

- Circuit breaker
- Complete Flex-Shaft™ handle mechanism

General Electric

Disconnect switch:

- Disconnect switch: Type QMR or QMW
- Fuse clip kit or no-fuse kit
- Flange handle: STDA1 or STDA2
- Variable depth operating mechanism
- Extended length drive rod (if required)

Circuit breaker:

- Circuit breaker
- Flange handle: STDA1 or STDA2
- Variable depth operating mechanism
- Extended length drive rod (if required)

Circuit breaker with a Spectra-Flex™ cable operator:

- Circuit breaker
- Flange mounted handle mechanism:
 - 150 to 600 amps - STDA1
 - SK1200 - STDA3
- Breaker mounted mechanism
- Operating cable

I-T-E Siemens

Disconnect switch:

- Basic switch (right-hand)
- Fuse or no-fuse kit
- Flange mounted handle: FHOHS
- Switch operator
- Operating cable: FHOEC048

Circuit breaker:

- Circuit breaker
- Pressure wire connectors
- Flange mounted handle:
 - 100 to 600 - FHOH
 - 800 to 2000 - FHOHN
- Circuit breaker operator mechanism
- Operating cable:
 - 18.13" deep enclosures accept 36" or 48" cables;
 - 24.13" deep enclosures require a 48" cable
- These items are available from Siemens I-T-E as a complete mechanism with a 36" operating cable only Order items separately when using a 48" cable

Square D

Disconnect switch:

- Disconnect switch with operating mechanism
- Universal handle mechanism: Type A-1
- Long operating rod (if required)

Circuit breaker:

- Circuit breaker
- Operating mechanism
- Universal handle mechanism: Type A-1
- Long operating rod (if required)

Class 9422 Type T disconnect switch with a cable mechanism:

- Disconnect switch with operating mechanism: Class 9422, Type T
- Handle mechanism: Class 9422, Type A-1
- Cable mechanism: Class 9422 CFT_O, 3, 5, or 10 foot

Circuit breaker with a cable mechanism:

- Circuit breaker: Square D
- Handle mechanism: Class 9422, type A-1
- Cable mechanism: Class 9422 CFT_O, 3, 5, or 10 foot

UHDM Modular Disconnect Enclosures - NEMA 12

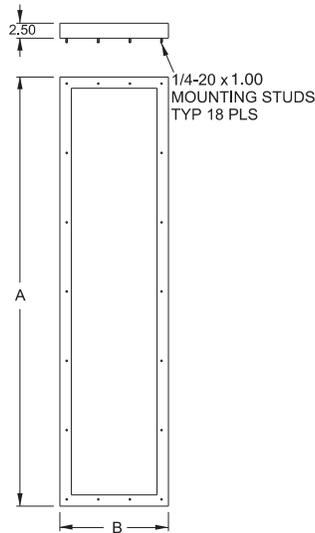
ABB Controls, Allen Bradley, Cutler Hammer, General Electric, Siemens I-T-E Max-Flex™, Square D

Disconnect

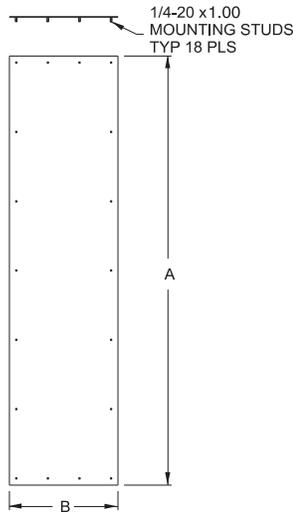
Freestanding Enclosures

Formed End Plates and Flat End Plates

- Formed from 12 gauge steel.
- Used to enclose the open end(s) of one or more modular enclosures.
- Two types are available. No separate gasket kit is required.



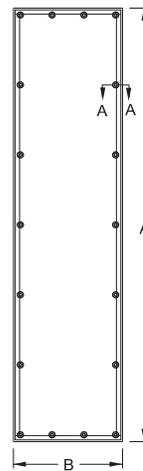
Formed End Plate



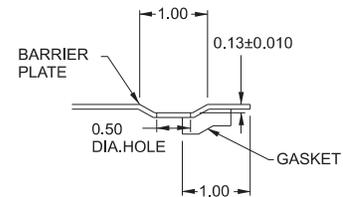
Flat End Plate

Flat Barrier Plate

- Formed from 14 gauge steel.
- May be used to provide a barrier between modular enclosures. They are supplied complete with gasket.



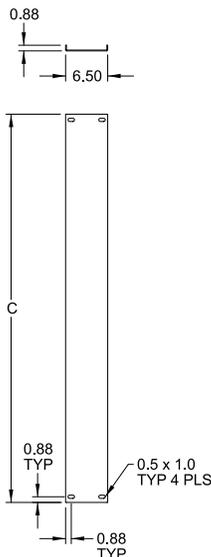
Flat Barrier Plate



Section A-A

Panel Bridge Kit

- Formed from 10 gauge steel.
- May be used to join back panels together between modular enclosures to provide a continuous panel surface.



Panel Bridge Kit

Accessories for Heavy Duty Modular NEMA 12 Enclosures for Flange Mounted Disconnects

Part No.	A	B	C	Description
UHDM7218ECA	71.86	17.87	—	Formed End Plate with
UHDM8418ECA	83.87	17.87	—	Mounting Hardware
UHDM8424ECA	83.87	23.87	—	
UHDM7218EPA	71.87	17.87	—	Flat End Plate with
UHDM8418EPA	83.87	17.87	—	Mounting Hardware
UHDM8424EPA	83.87	23.87	—	
UHDM7218BPA	71.87	17.87	—	Flat Barrier Plate with
UHDM8418BPA	83.87	17.87	—	Mounting Hardware
UHDM8424BPA	83.87	23.87	—	
UHDMFTC72BK	—	—	60	Inner Panel Bridge Kit
UHDMFTC84BK	—	—	72	

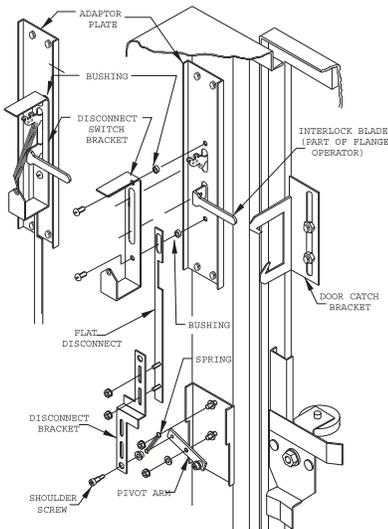
Universal Disconnect Enclosure - Operator Adaptor Kits

ABB Controls, Allen Bradley, Cutler Hammer, General Electric, Siemens I-T-E Max-Flex™, Square D

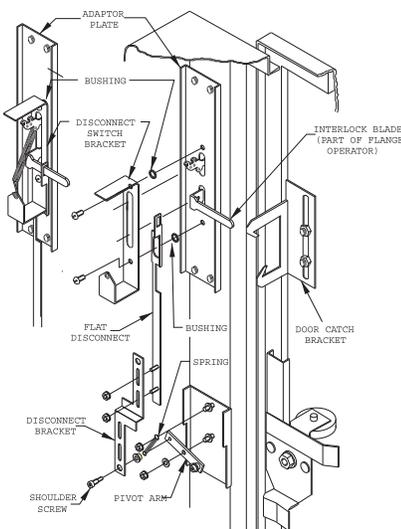
Operator Adaptor Kits

- All Universal series enclosures require one adaptor kit (ordered separately) to adapt the type of disconnect and mechanism to be used.
- Each brand and type requires a different adaptor kit.
- Each kit contains an adaptor plate and master door interlocking mechanism.
- Fully detailed, illustrated instructions included.

Version Shown
Allen Bradley - 1494V H1



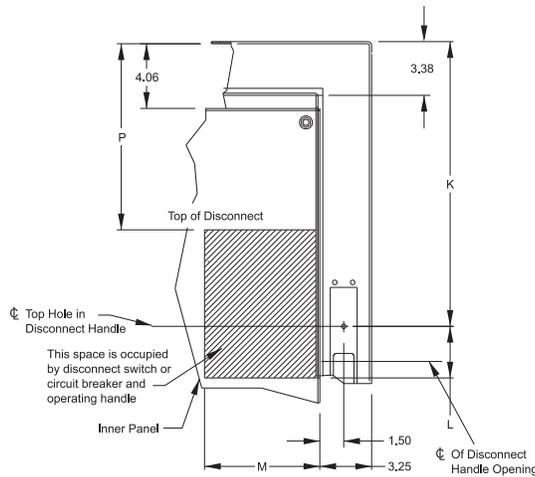
Version Shown
Allen Bradley - 1494V H2



Part No.	Operator Make	Type
AKU	ABB Controls operating handle	
	Disconnect Switch	DSFHN-HS12
	Circuit Breaker	K7FHD-HS12
	Allen Bradley variable depth operating handle	
	Disconnect Switch	1494V H1
	30-200	1494V H2
	400-600	1494V H11
	Cutler Hammer operating handle	
	Disconnect Switch	C361H1 or H3
	Circuit Breaker	
	• 150A	C371H1 or H3
	• 50 to 1200A	C371H5 or H7
	Circuit Breaker C371 Flex-Shaft™ handle mechanism.	
	General Electric operating handle	
	Disconnect Switch	STDA1or STDA2
	Circuit Breaker	STDA1or STDA2
	Circuit Breaker Spectra-Flex™ cable operators	
	• 150 to 600A	STDA1
	• K1200	STDA3
	Siemens I-T-E Max-Flex™ operating handle	
	Disconnect Switch variable depth	FHOHS
	Circuit Breaker	
	• 125 to 600	FHOH
	• 800 to 2000	FHOHN
		Square D class 9422 operating mechanism
Disconnect Switch variable depth		9422 type A1
Circuit Breaker variable depth		9422 type A1
Disconnect Switch with cable mechanism		9422 type A1
	Circuit Breaker with cable mechanism	9422 type A1
	AK1494FD	Allen Bradley
BPAK	Blank Adapter Plate	

Disconnect

Freestanding Enclosures



Space Occupied by Disconnects

Note: Disconnects will occupy space on panel shown by dimensions "K", "L", and "M". Wiring space "P" is available when disconnect is installed in the enclosure. *The disconnect information and space occupied tables based on data supplied by disconnect manufacturer's bulletins. Hammond Manufacturing not responsible for dimensional accuracy.