HAMMOND MANUFACTURING

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Type 12 Mild Steel Wallmount Disconnect Enclosure *1447S Series*

Continuous Hinge Door (Flange w/ multi-vendor cutout)



Inner Panel Included

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.

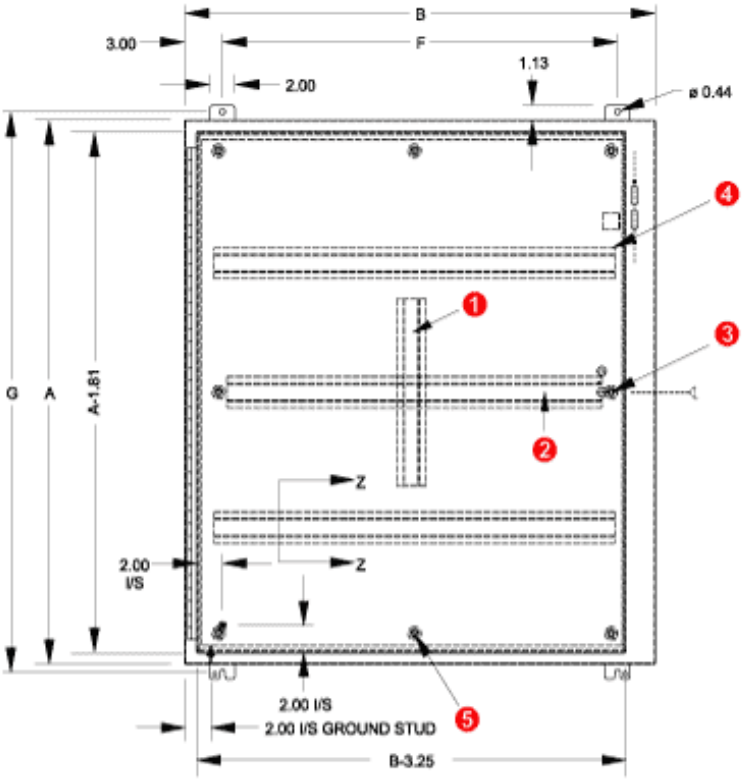
- Latch pivots and cover interlock brackets are welded to the door.
- Cover latch bars for door handles are provided.
- Collar studs are provided for mounting inner panels.
- A removable 12 gauge inner panel is included.
- Oil resistant gaskets are permanently secured and mechanically retained.
- A bonding stud is provided on the door and a grounding stud is provided in the enclosure.
- A literature pocket is provided.
- Product built after Apr 2013 will have an improved seamless poured in place gasket

Finish

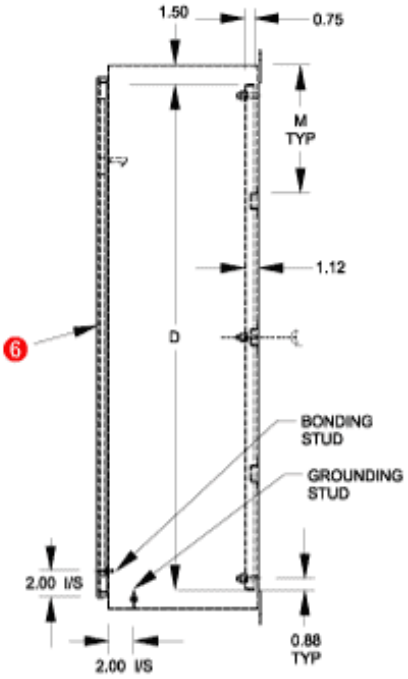
- Cover and enclosure are finished in ANSI61 gray powder coat finish inside and out.
- Inner panel finished in white powder coat finish.
- Disconnects, operating mechanisms and door hardware are not provided with the enclosure, and must be ordered separately from the manufacturer
- Enclosures with an "A" dimension under 40" require 2 point door closing hardware.
- Enclosures with an "A" dimension 40" or more require 3 point door closing hardware.

Accessories

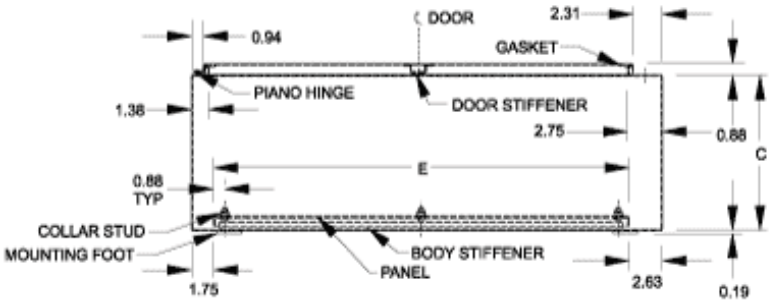
- Inner Panels
- Blowers and Fans
- Door Stop Kit
- Enclosure Stabilizers
- Floor Stand Kit
- Temperature Controls
- Cooling Products
- Ventilation
- Drip Shield Kit
- Filtered Fans
- Heaters
- Window Kits



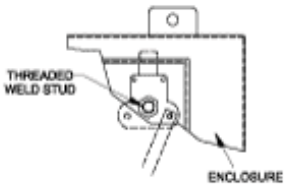
Front View



Side View

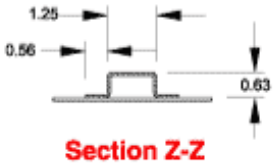


Top View



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".

Part No.	A	B	C	Panel Size D	Panel Size E	Mounting Center F	Mounting Center G	Ship Wt. (lbs)	Center Stiffener[2]
1447SA8	20.00	21.38	8.00	17.00	17.00	15.38	21.25	51	N
1447SB8	24.00	21.38	8.00	21.00	17.00	15.38	25.25	60	N
1447SC8	24.00	25.38	8.00	21.00	21.00	19.38	25.25	71	N
1447SD8	30.00	21.38	8.00	27.00	17.00	15.38	31.25	74	N
1447SE8	30.00	25.38	8.00	27.00	21.00	19.38	31.25	87	N
1447SF8	36.00	25.38	8.00	33.00	21.00	19.38	37.25	98	N
1447SG8	36.00	31.38	8.00	33.00	27.00	25.38	37.25	121	N
1447SH8	42.00	31.38	8.00	39.00	27.00	25.38	43.25	135	I
1447SJ8	42.00	37.38	8.00	39.00	33.00	31.38	43.25	154	I

				Panel Size		Mounting Center		Ship Wt.	Center
Part No.	A	B	C	D	E	F	G	(lbs)	Stiffener[2]
1447SK8	48.00	37.38	8.00	45.00	33.00	31.38	49.25	172	I
1447SL8	60.00	37.38	8.00	57.00	33.00	31.38	61.25	248	I
1447SA10	20.00	21.38	10.00	17.00	17.00	15.38	21.25	52	N
1447SB10	24.00	21.38	10.00	21.00	17.00	15.38	25.25	63	N
1447SC10	24.00	25.38	10.00	21.00	21.00	19.38	25.25	71	N
1447SD10	30.00	21.38	10.00	27.00	17.00	15.38	31.25	80	N
1447SE10	30.00	25.38	10.00	27.00	21.00	19.38	31.25	90	N
1447SF10	36.00	25.38	10.00	33.00	21.00	19.38	37.25	100	N
1447SG10	36.00	31.38	10.00	33.00	27.00	25.38	37.25	126	N
1447SH10	42.00	31.38	10.00	39.00	27.00	25.38	43.25	143	I
1447SJ10	42.00	37.38	10.00	39.00	33.00	31.38	43.25	193	I
1447SK10	48.00	37.38	10.00	45.00	33.00	31.38	49.25	180	I
1447SL10	60.00	37.38	10.00	57.00	33.00	31.38	61.25	255	I
1447SE12	30.00	25.38	12.00	27.00	21.00	19.38	31.25	100	N
1447SG12	36.00	31.38	12.00	33.00	27.00	25.38	37.25	130	N
1447SH12	42.00	31.38	12.00	39.00	27.00	25.38	43.25	150	I
1447SJ12	42.00	37.38	12.00	39.00	33.00	31.38	43.25	200	I
1447SK12	48.00	37.38	12.00	45.00	33.00	31.38	49.25	220	I
1447SL12	60.00	37.38	12.00	57.00	33.00	31.38	61.25	265	I
1447S46L12	60.00	37.38	12.00	57.00	34.50	31.38	61.25	265	1
1447SG16	36.00	31.38	16.00	33.00	27.00	25.38	37.25	150	N
1447SK16	48.00	37.38	16.00	45.00	33.00	31.38	49.25	200	I
1447SL16	60.00	37.38	16.00	57.00	33.00	31.38	61.25	265	I

[2] Center stiffener; N = not included; I = included

Data subject to change without notice

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