HAMMOND MANUFACTURING

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Type 12 Mild Steel Multi-Door Freestanding Disconnect Enclosure *UHD Series*

Hinge Door with Handle (Flange w/ multi-vendor cutout)



Inner Panel Included

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

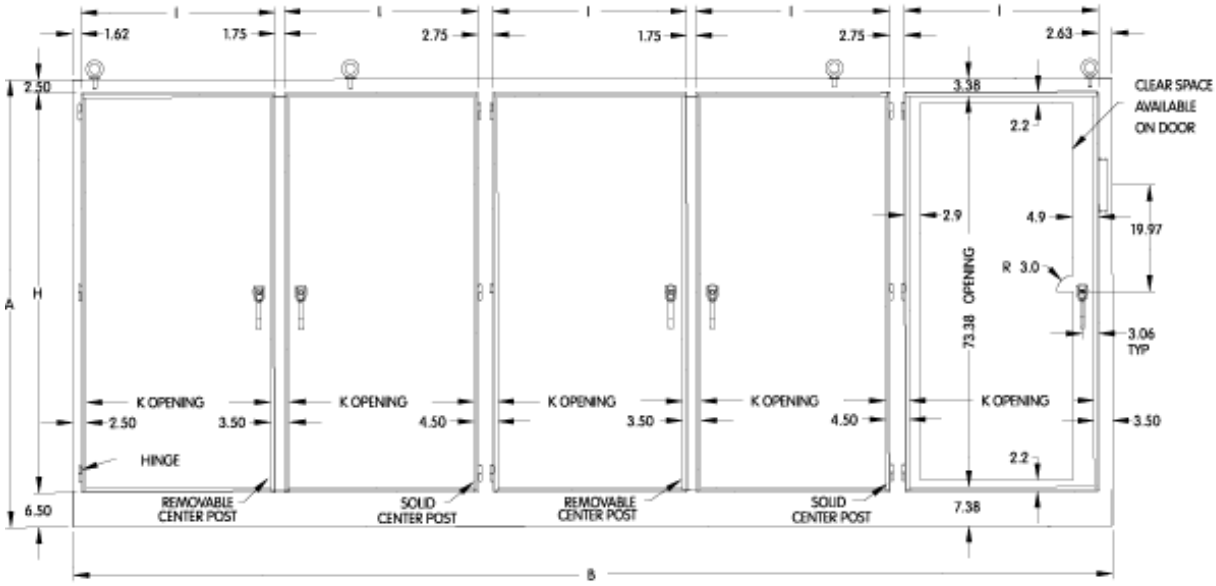
- Disconnect switches, circuit breakers and operators are not provided with the enclosure, and must be ordered separetely from the manufacturer.

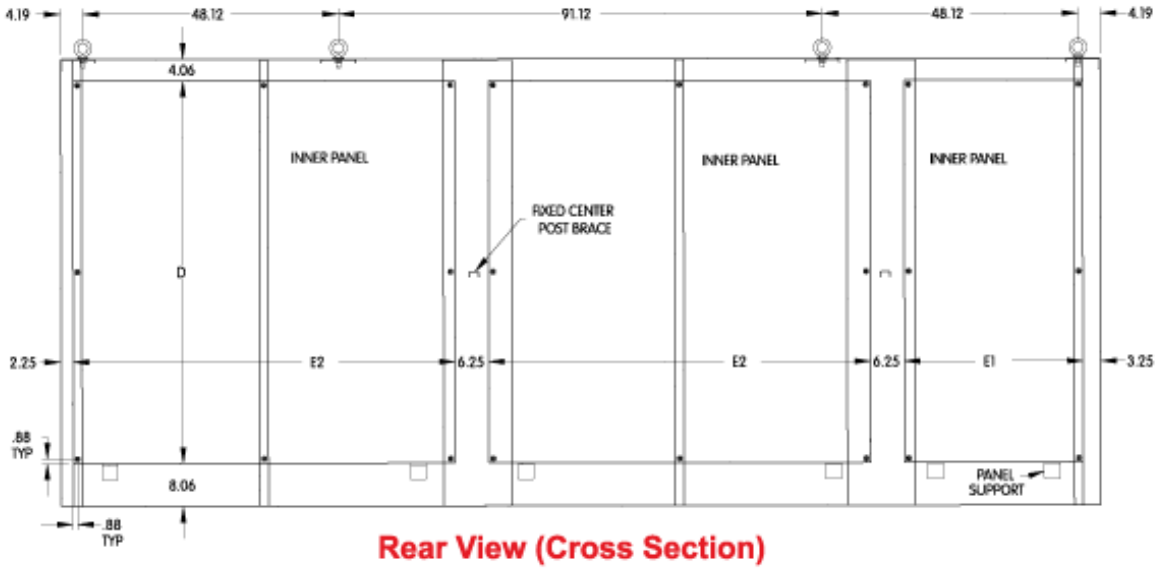
Finish

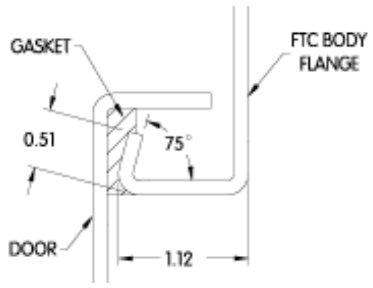
- Door and enclosure are phosphatized and finished in ANSI 61 gray recoatable powder coating on the outside.
- Interior - white powder coating.
- Inner panel is finished in white powder coating.

Accessories

Cooling Products
Ventilation
Enclosure Stabilizers
Flange Disconnect Operator Adaptor Kits
Floor Stand Kit
Type 1 Louvered Ventilating Plates
Blowers and Fans
Door Stop Kit
Filtered Fans
Heaters
Lighting
Temperature Controls







Single Door

	Overall Dimensions			Panel Size							Ship Wt.
Part No.	A	B	C	D	E	F	G	H	I	K	(lbs)
1UHD722918FTC	72.13	28.75	18.13	60.00	21.75	9.06	38.06	63.13	24.50	22.75	433
1UHD723518FTC	72.13	34.75	18.13	60.00	27.75	9.06	38.06	63.13	30.50	28.75	499
1UHD724118FTC	72.13	40.75	18.13	60.00	33.75	9.06	38.06	63.13	36.50	34.75	565
1UHD844118FTC	84.13	40.75	18.13	72.00	33.75	9.06	44.06	75.13	36.50	34.75	650
1UHD844124FTC	84.13	40.75	24.13	72.00	33.75	12.06	44.06	75.13	36.50	34.75	720
1UHD904118FTC	90.13	40.75	18.13	78.00	33.75	9.06	47.06	81.13	36.50	34.75	670

	Overall Dimensions			Panel Size							Ship Wt.
Part No.	A	B	C	D	E	F	G	H	I	K	(lbs)
1UHD904120FTC	90.13	40.75	20.13	78.00	33.75	10.06	47.06	81.13	36.50	34.75	718
1UHD904124FTC	90.13	40.75	24.13	78.00	33.75	12.06	47.06	81.13	36.50	34.75	766

2 Door

	Overall Dimensions			Panel Size							Ship Wt.
Part No.	A	B	C	D	E	F	G	H	I	K	(lbs)
2UHD725518FTC	72.13	55.00	18.13	60.00	48.00	9.06	38.06	63.13	24.50	22.75	751
2UHD726718FTC	72.13	67.00	18.13	60.00	60.00	9.06	38.06	63.13	30.50	28.75	903
2UHD727918FTC	72.13	79.00	18.13	60.00	72.00	9.06	38.06	63.13	36.50	34.75	1036
2UHD727924FTC	72.13	79.00	24.13	60.00	72.00	12.06	38.06	63.13	36.50	34.75	1199
2UHD847918FTC	84.13	79.00	18.13	72.00	72.00	9.06	44.06	75.13	36.50	34.75	1121
2UHD847924FTC	84.13	79.00	24.13	72.00	72.00	12.06	44.06	75.13	36.50	34.75	1280
2UHD907918FTC	90.13	79.00	18.13	78.00	72.00	9.06	47.06	81.13	36.50	34.75	1237
2UHD907920FTC	90.13	79.00	20.13	78.00	72.00	10.06	47.06	81.13	36.50	34.75	1297
2UHD907924FTC	90.13	79.00	24.13	78.00	72.00	12.06	47.06	81.13	36.50	34.75	1356

3 Door

	Overall Dimensions			Panel Size								Ship Wt.
Part No.	A	B	C	D	E1	E2	G	H	I	J	K	(lbs)
3UHD7210118FTC	72.13	100.25	18.13	60.00	27.75	60.00	38.06	63.13	30.50	11.75	28.75	1269
3UHD7211918FTC	72.13	118.25	18.13	60.00	33.75	72.00	38.06	63.13	36.50	11.75	34.75	1497
3UHD8411918FTC	84.13	118.25	18.13	72.00	33.75	72.00	44.06	75.13	36.50	11.75	34.75	1727
3UHD8411924FTC	84.13	118.25	24.13	72.00	33.75	72.00	44.06	75.13	36.50	17.75	34.75	1839
3UHD9011924FTC	90.13	118.25	24.13	78.00	33.75	72.00	47.06	81.13	36.50	17.75	34.75	1958

4 Door

	Overall Dimensions			Panel Size						Ship Wt.
Part No.	A	B	C	D	E1	E2	H	I	K	(lbs)
4UHD8415718FTC	84.13	156.50	18.13	72.00	72.00	72.00	75.13	36.50	34.75	2271
4UHD9015718FTC	90.13	156.50	18.13	78.00	72.00	72.00	81.13	36.50	34.75	2361

5 Door

	Overall Dimensions			Panel Size						Ship Wt.
Part No.	A	B	C	D	E1	E2	H	I	K	(lbs)
5UHD8419518FTC	84.13	195.75	18.13	72.00	33.75	72.00	75.13	36.50	34.75	2820
5UHD9019518FTC	90.13	195.75	18.13	78.00	33.75	72.00	81.13	36.50	34.75	2910

Data subject to change without notice

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