



WA72XM2718U

Industry Standards

UL 508, Type 12
CSA Certified, Type 12
NEMA/EEMAC Type 12
JIC EL-1-71



UL File E64791



CSA File LL66078

FEATURES-SPECIFICATIONS
Applications

Designed to house the following:

- **Allen-Bradley** Bulletin 1494F flange-mounted disconnect switches and Bulletin 1494D flange-mounted operators for circuit breaker. Allen-Bradley Bulletin 1494V variable depth flange-operated disconnect switches and circuit breakers mechanisms
- **ABB Controls** flange-mounted variable depth operating mechanisms for disconnect switches and circuit breakers
- **Cutler-Hammer/Westinghouse** Type C361 disconnect switches and operator mechanisms. Cutler-Hammer Type C371 circuit breaker operating mechanisms. Also Type SM safety handle mechanisms and 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 mechanism

These enclosures will not receive Class 9422 bracket-mounted disconnect devices or Class 9422TG1 or TG2 devices

Construction

- Bodies and doors fabricated from 10 gauge steel.
- Removable 10 gauge steel **back panels are included** and mounted on collar studs
- Continuously welded seams ground smooth
- Body stiffeners provided for extra rigidity
- Heavy duty lifting eyes and provisions for fluorescent lighting are provided
- Heavy gauge lift off hinges
- 3-point padlocking handles on all doors
- Panel supports
- Center posts are removable to permit easy panel installation.
- Print pocket is provided
- Grounding provisions provided
- Doors are supplied with closed cell neoprene gasket
- Unless specified, the far right door is considered to be the "Master" door. All other doors are considered slave doors
- The mechanical interlock is activated by the master door which prevents the slave doors from being opened first. Doors can be closed in any order
- Disconnects come with a universal cutout which provides mounting for most disconnect operators by using operator adapters
- FTC rolled lip around all sides of enclosure opening excludes liquids and contaminants

Finish

- ANSI 61 gray polyester powder inside and out over phosphatized surfaces
- Included back panels are white polyester powder over phosphatized surfaces

Accessories

- See pages J1-J20
- Blank adapter plates on pages F57 and J12

IMPORTANT

- Disconnect switch or circuit breakers, operating handle and operating mechanism are not furnished with enclosure and must be ordered separately from the disconnect manufacturer
- **Operator adapter plates are required** with this enclosure and must be purchased separately. See pages F57 and K12 to select the proper operator adapter for the brand and type of disconnect being used
- Disconnect ordering information is located on page F41
- Review space occupied by disconnect drawings on page F40 and disconnect tables on pages F47-F56 to determine if the disconnect device you are using will fit the enclosure size you have selected

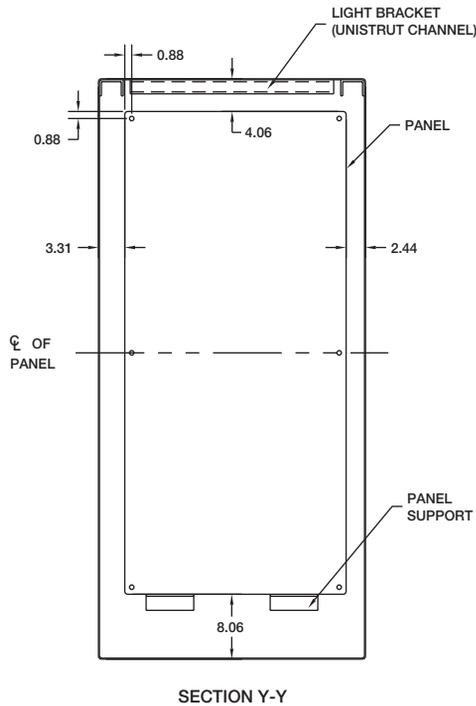
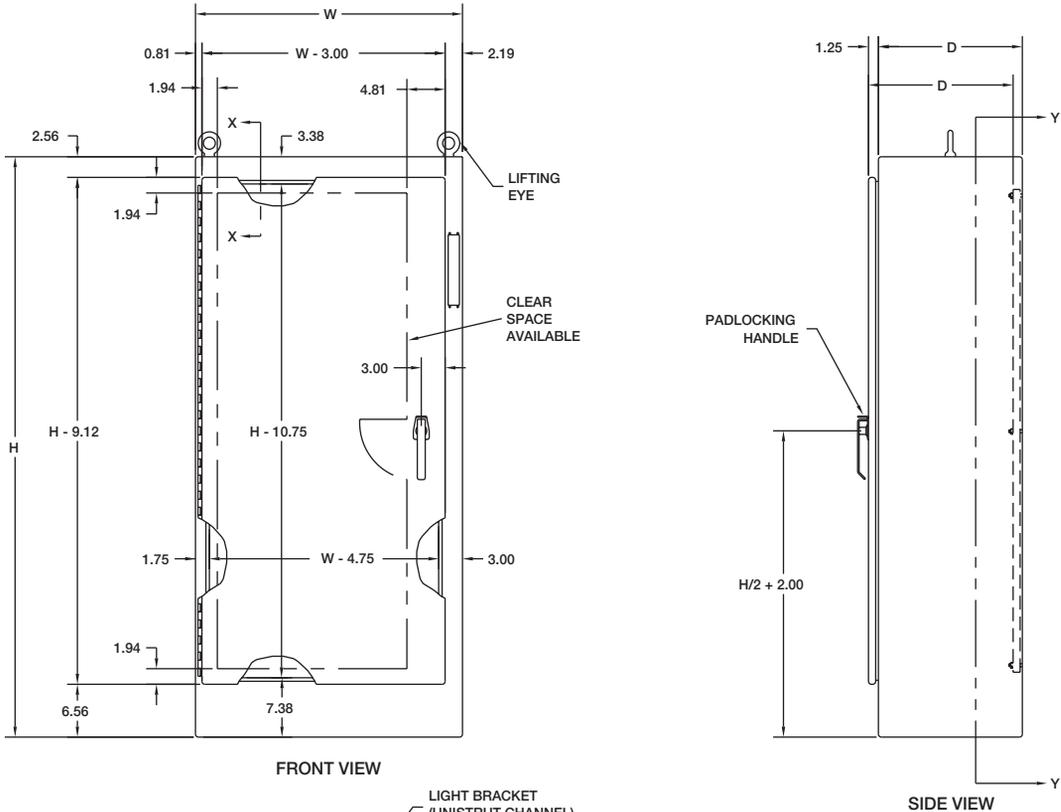


**WAXM-U SERIES ENCLOSURES
NEMA 12 HEAVY DUTY FREESTANDING DISCONNECT**

F35

WAXM-U SERIES HEAVY DUTY SINGLE DOOR DISCONNECTS			
CATALOG NUMBER	BODY/DOOR STEEL GAUGE	ENCLOSURE SIZE H X W X D	BACK PANEL SIZE A X B*
WA72XM2718U	10/10	72.13x27.50x18.13 (1832x699x460)	60.00x21.75 (1524x552)
WA72XM3318U	10/10	72.13x33.50x18.13 (1832x851x460)	60.00x27.75 (1524x705)
WA72XM3918U	10/10	72.13x39.50x18.13 (1832x1003x460)	60.00x33.75 (1524x857)
WA84XM3918U	10/10	84.13x39.50x18.13 (2137x1003x460)	72.00x33.75 (1829x857)
WA90XM3920U	10/10	90.13x39.50x20.13 (2289x1003x511)	78.00x33.75 (1981x857)
WA90XM3924U	10/10	90.13x39.50x24.13 (2289x1003x613)	78.00x33.75 (1981x857)

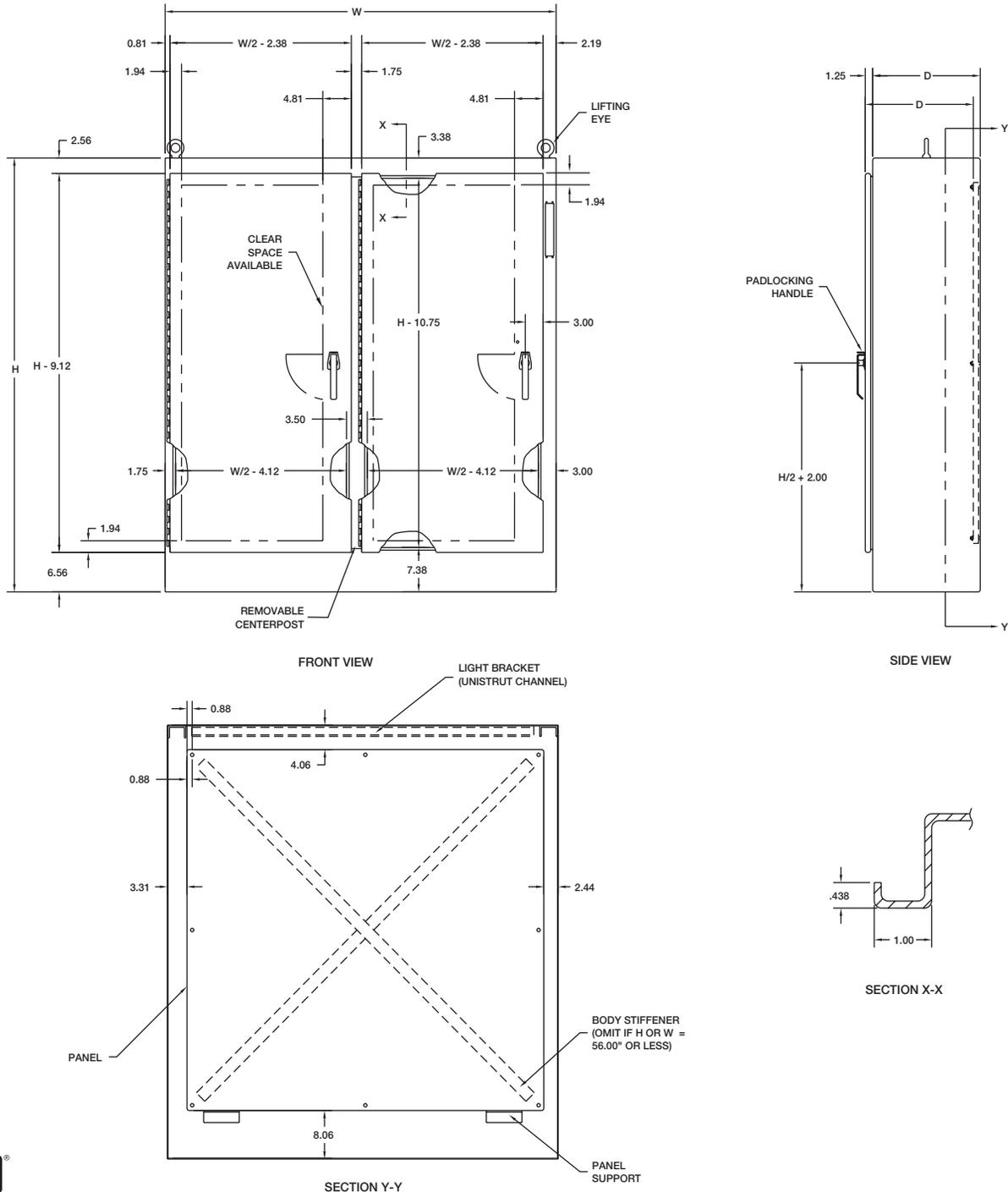
*Back panels are furnished with enclosures.



WAXM-U SERIES ENCLOSURES NEMA 12 HEAVY DUTY FREESTANDING DISCONNECT

WAXM-U SERIES HEAVY DUTY TWO DOOR DISCONNECTS			
CATALOG NUMBER	BODY/DOOR STEEL GAUGE	ENCLOSURE SIZE H X W X D	BACK PANEL SIZE A X B*
WA72XM5318U	10/10	72.13x53.75x18.13 (1832x1365x460)	60.00x48.00 (1524x1219)
WA72XM6518U	10/10	72.13x65.75x18.13 (1832x1670x460)	60.00x60.00 (1524x1524)
WA72XM7718U	10/10	72.13x77.75x18.13 (1832x1975x460)	60.00x72.00 (1524x1829)
WA72XM7724U	10/10	72.13x77.75x24.13 (1832x1975x613)	60.00x72.00 (1524x1829)
WA84XM7718U	10/10	84.13x77.75x18.13 (2137x1975x461)	72.00x72.00 (1829x1829)
WA90XM7720U	10/10	90.13x77.75x20.13 (2289x1975x511)	78.00x72.00 (1981x1829)
WA90XM7724U	10/10	90.13x77.75x24.13 (2289x1975x613)	78.00x72.00 (1981x1829)

*Back panels are furnished with enclosures.

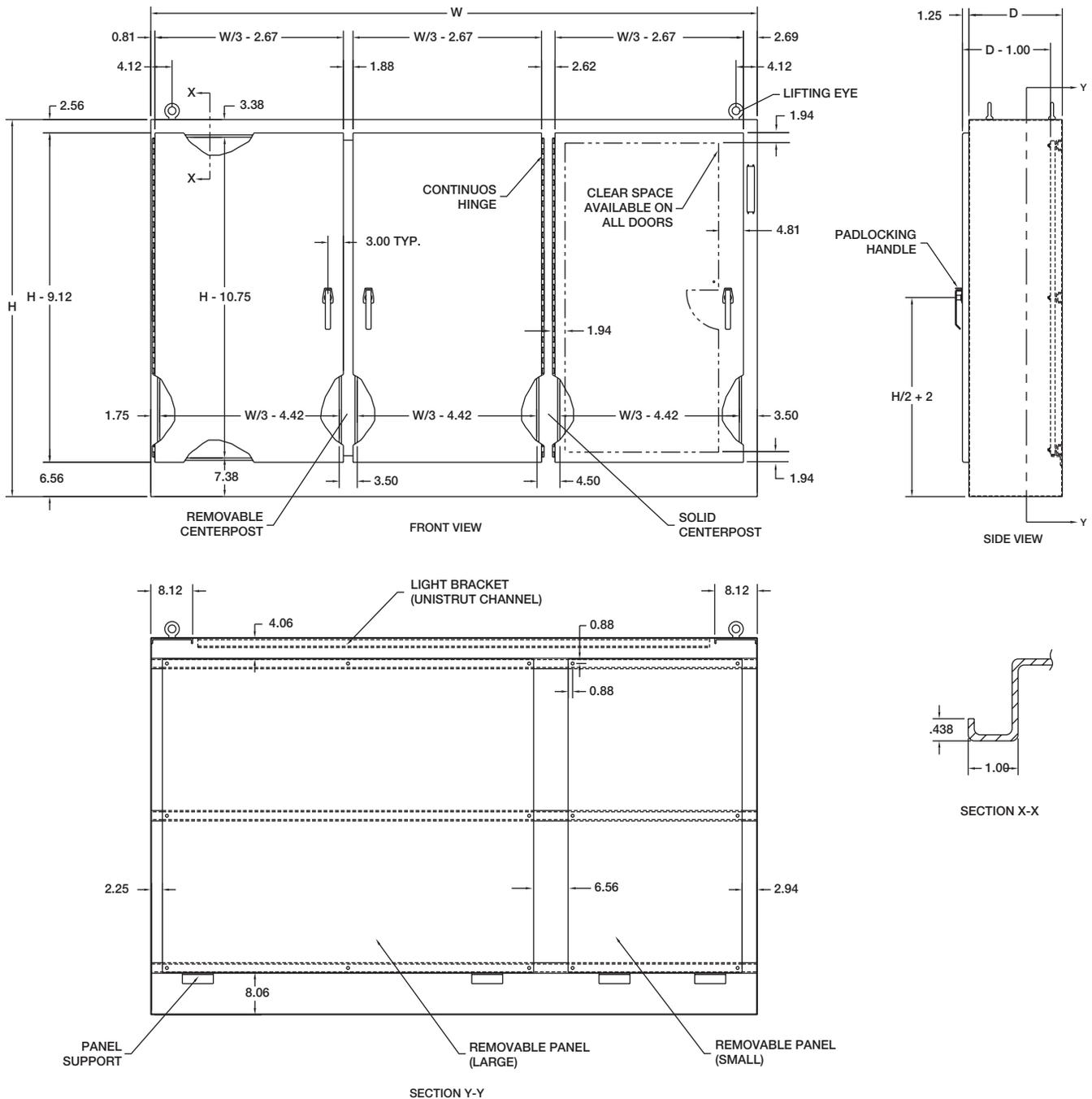


**WAXM-U SERIES ENCLOSURES
NEMA 12 HEAVY DUTY FREESTANDING DISCONNECT**

F37

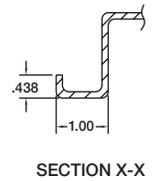
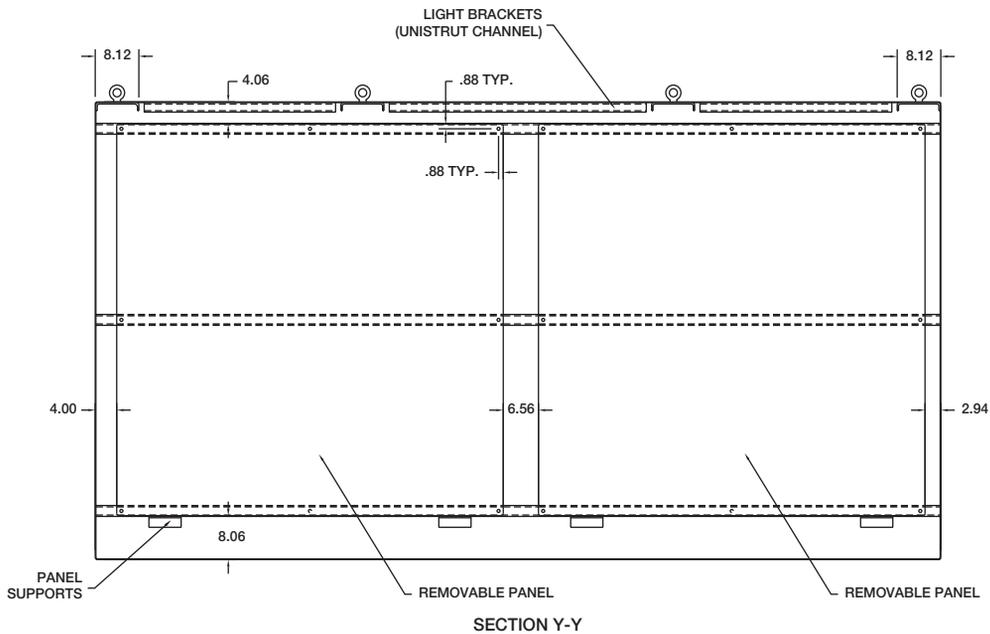
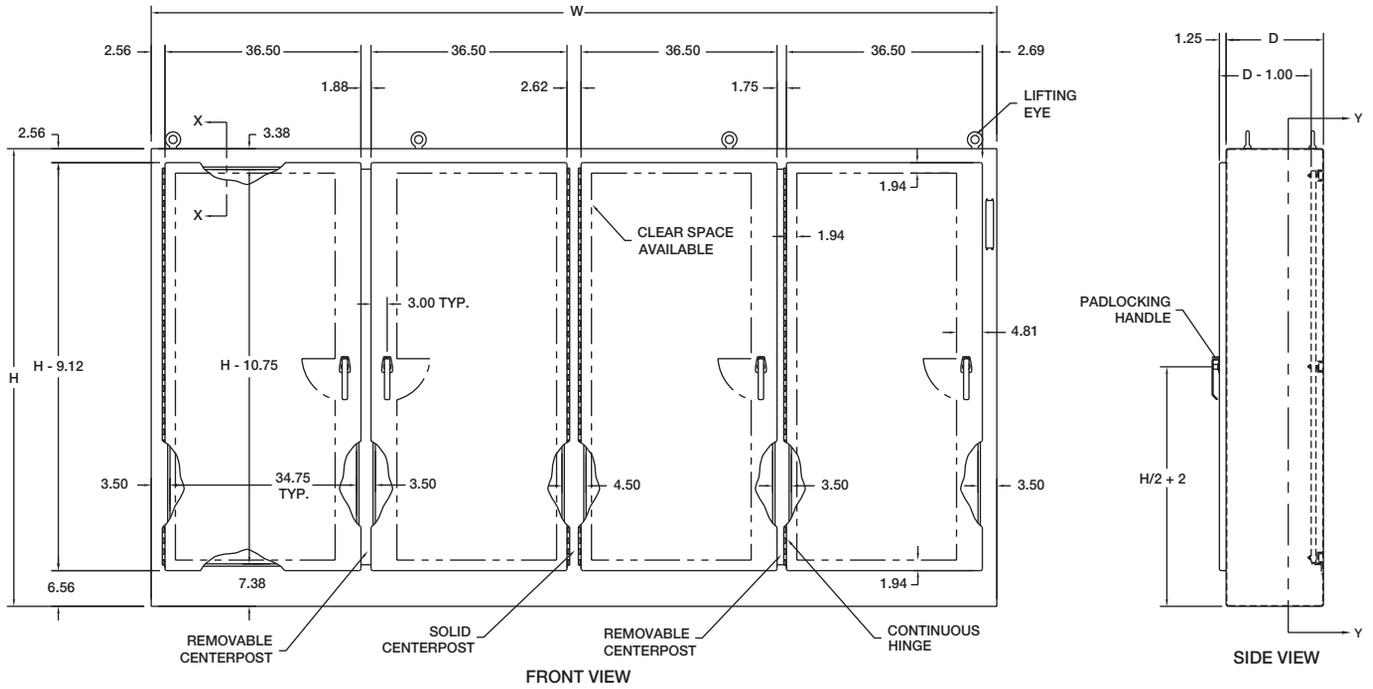
WAXM-U SERIES HEAVY DUTY THREE DOOR DISCONNECTS				
CATALOG NUMBER	BODY/DOOR STEEL GAUGE	ENCLOSURE SIZE H X W X D	NO. OF PANELS	BACK PANEL SIZE A X B*
WA72XM3EQ18U	10/10	72.13x99.50x18.13 (1832x2527x460)	1 1	60.00x60.00 (1524x1524) 60.00x27.75 (1524x705)
WA72XM3EW18U	10/10	72.13x117.50x18.13 (1832x2985x460)	1 1	60.00x72.00 (1524x1829) 60.00x33.75 (1524x857)
WA84XM3EW18U	10/10	84.13x117.50x18.13 (2137x2985x460)	1 1	72.00x72.00 (1829x1829) 72.00x33.75 (1829x857)
WA90XM3EW24U	10/10	90.13x117.50x24.13 (2289x2985x613)	1 1	78.00x72.00 (1981x1829) 78.00x33.75 (1981x857)

*Back panels are furnished with enclosures.



WAXM-U SERIES HEAVY DUTY FOUR DOOR DISCONNECTS				
CATALOG NUMBER	BODY/DOOR STEEL GAUGE	ENCLOSURE SIZE H X W X D	NO. OF PANELS	BACK PANEL SIZE A X B*
WA84XM4EW18U	10/10	84.13x157.50x18.13 (2137x4001x461)	2	72.00x72.00 (1829x1829)

*Back panels are furnished with enclosures.

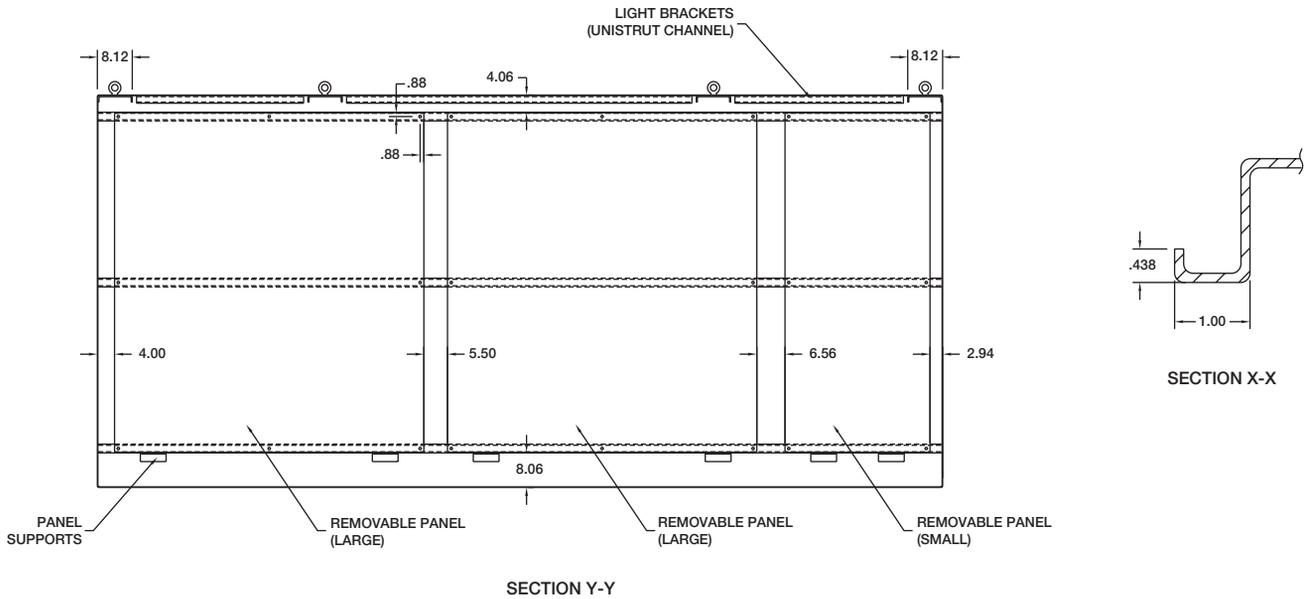
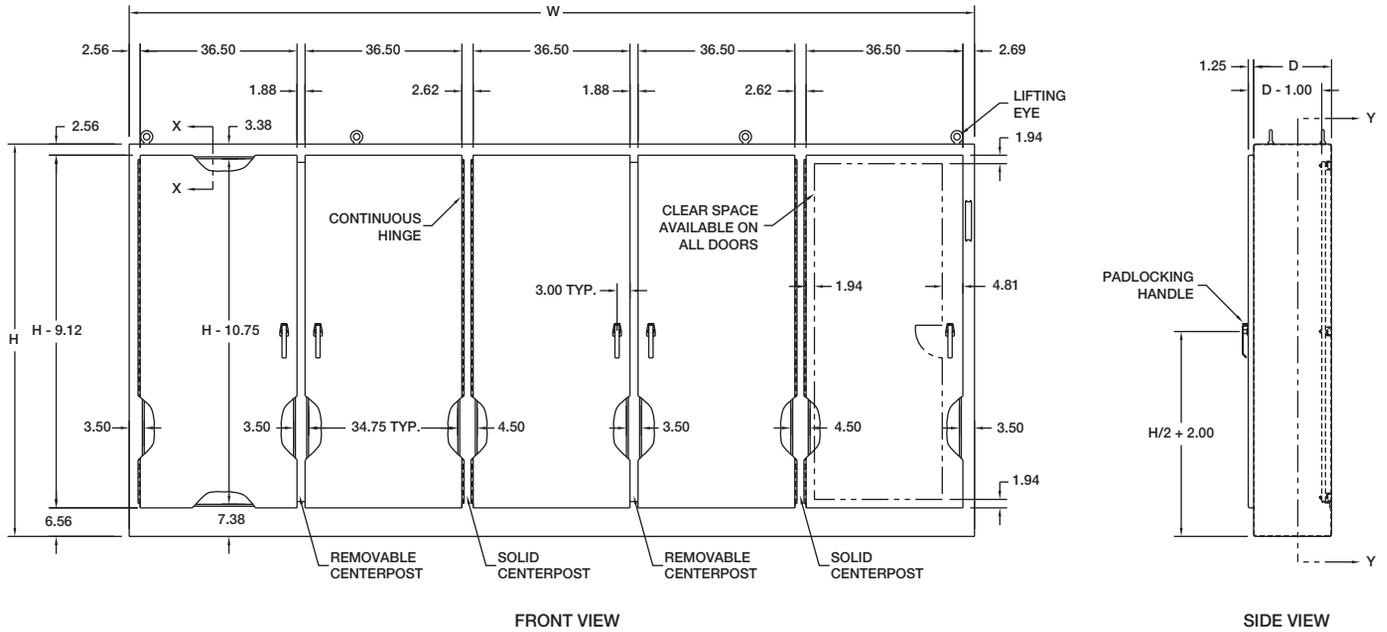


**WAXM-U SERIES ENCLOSURES
NEMA 12 HEAVY DUTY FREESTANDING DISCONNECT**

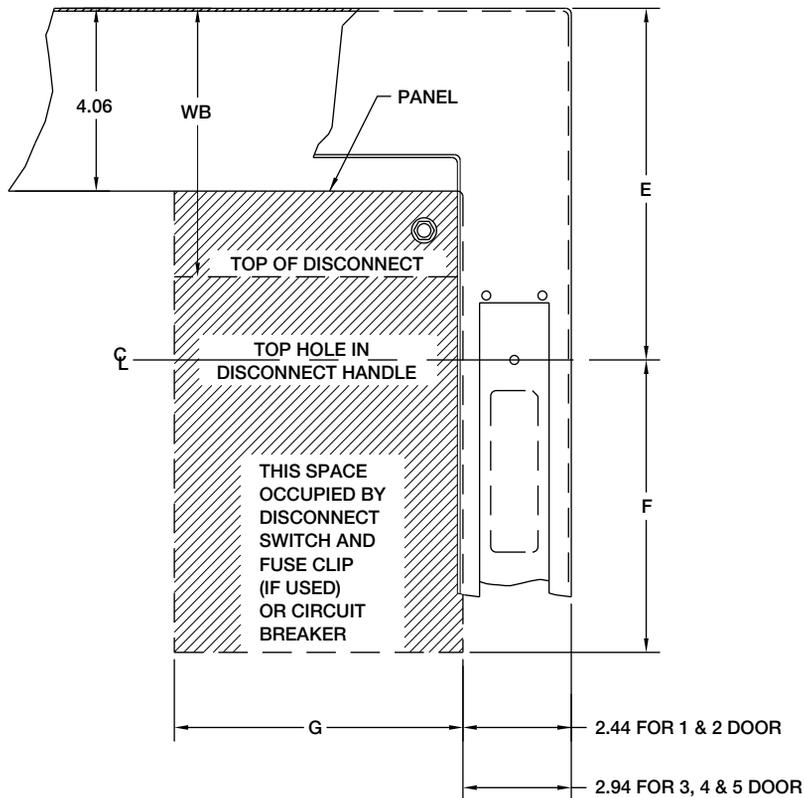
F39

WAXM-U SERIES HEAVY DUTY FIVE DOOR DISCONNECTS				
CATALOG NUMBER	BODY/DOOR STEEL GAUGE	ENCLOSURE SIZE H X W X D	NO. OF PANELS	BACK PANEL SIZE A X B*
WA84XM5EW18U	10/10	84.13x196.75x18.13 (2137x4997x460)	2 1	72.00x72.00 (1829x1829) 72.00x33.75 (1829x857)

*Back panels are furnished with enclosures.



Space Occupied by Disconnect



Note:

1. See pages F47-F56 for various brands of disconnects for "E", "F", "G" and "WB" dimensions.
2. Disconnects will occupy space on panel shown by dimensions "E", "F" and "G". Wiring space "WB" is available when disconnect is installed in the enclosure.
3. When ordering 24.13 (613mm) deep enclosures, long connecting rods must be ordered. Long connecting rods are available from disconnect manufacturers.
 - ABB Controls flange-operated devices
 - Cutter-Hammer C361 devices
 - Cutler-Hammer C371 operating mechanisms C371E and C371F, order catalog number C371CS1 connecting rod. For C371G and C371K, order catalog number C371CS2 connecting rod.
 - General Electric TDA devices, order catalog number TDSR extended length drive rod
 - For Square D 9422 devices, order catalog number 9422-R2 extra long operating rod(s). Some devices require two rods.

Refer to *National Electrical Code*® 1996 article 430-10(b) for wiring space required for line side conductors to be connected to disconnect. Verify your application to determine if wiring space is adequate.



DISCONNECT ORDERING INFORMATION

When ordering wall-mounted disconnects from the various manufacturers, be sure to order all of the necessary items. Each company has a different system, so care is required. Order the following items from the disconnect manufacturer.

Allen-Bradley

When using a Bulletin 1494F flange-mounted disconnect switch, order:

1. A disconnect switch
2. A fuse block adapter, if required
3. Line and load connectors, if required

When using a Bulletin 1494D flange-mounted operator for a circuit breaker, order:

1. A circuit breaker (C-H/Westinghouse)
2. A flange-mounted operating mechanism
3. A slide mechanism

When using a Bulletin 1494V disconnect switch, order:

- *1. A disconnect switch
- *2. An operating handle
- *3. A connecting rod (long)
- *4. A trailer fuse block kit, if required
- *5. A fuse clip kit, if required
6. Line and load connectors, if required

When using a Bulletin 1494V circuit breaker operating mechanism, order:

1. A circuit breaker (C-H/Westinghouse)
2. A circuit breaker operating mechanism
3. An operating handle
4. A connecting rod (long)

ABB Controls

When using a disconnect switch, order:

1. A flange operated switch (fusible or non-fusible)
2. A shaft [DSFHS-17 for 18.12" (460mm) deep or DSFHS-22 for 20.12" (511mm) deep enclosures; in 24.12" (613mm) deep enclosures a platform must be used with shaft]
3. A handle (DSFHN-HS12)

When using a circuit breaker, order:

1. A circuit breaker (ABB)
- *2. An operating mechanism
- *3. A shaft [FHS-17 for 18.12" (460mm) deep or FHS-22 for 20.12" (511mm) deep enclosures; in 24.12" (613mm) deep enclosures a platform must be used with shaft]
- *4. Handle mechanism (FHN-HS12)

PLEASE NOTE:

1. Various other switch accessories and circuit breaker accessories are available from disconnect manufacturers. The above information is subject to change without notice. Please contact Hubbell-Wiegmann or the disconnect manufacturer if there are further questions.
2. The "Space Occupied" tables (pages F47-F56) are based upon information supplied by disconnect manufacturers. Hubbell-Wiegmann does not assume responsibility for the accuracy of these dimensions.

* Items available from disconnect manufacturer as complete kits.

Cutler-Hammer/Westinghouse

When using a Type C361 disconnect switch, order:

- *1. A disconnect switch with an operating mechanism
- *2. An operating handle (C361H1 or C361H3)

When using a Type C371 circuit breaker operating mechanism with a C-H/Westinghouse, order:

1. A circuit breaker
- *2. An operating mechanism
- *3. An operating handle

When using a Type SM handle mechanism, order:

1. A circuit breaker
2. A type SM handle mechanism

When using a Flex Shaft™ handle mechanism, order:

1. A circuit breaker
2. A complete Flex Shaft™ handle mechanism

General Electric

When using a disconnect switch, order:

1. A disconnect switch (Type QMR or QMW)
2. A fuse clip kit or no-fuse kit
3. A flange handle (STDA1 or STDA2)
4. A variable depth operating mechanism
5. An extended length drive rod (if required)

When using a circuit breaker, order:

1. A circuit breaker
2. A flange handle (STDA1 or STDA2)
3. A variable depth operating mechanism
4. An extended length drive rod (if required)

When using a circuit breaker with a Spectra Flex™ cable operator, order:

1. A circuit breaker
2. A flange-mounted handle mechanism
3. A breaker-mounted mechanism
4. An operating cable

I-T-E Siemens

When using a disconnect switch, order:

1. A basic switch (right-hand)
2. A fuse or no-fuse kit
- *3. FHOHS flange-mounted handle
- *4. Switch operator
- *5. FHOECO48 cable

When using a circuit breaker, order:

1. A circuit breaker
2. Pressure wire connectors
- *3. A flange-mounted handle
- *4. A circuit breaker operator mechanism
- *5. An operating cable [18.12" (460mm) deep or 20.12" (511mm) deep enclosures accept 36.00" (914mm) or 48.00" (1219mm) cables; 24.12" (613mm) deep enclosures require a 48.00" (1219mm) cable]

* These items are available from I-T-E as a complete mechanism with a 36.00" (914mm) operating cable only. Order items separately when using a 48.00" (1219mm) operating cable.

Square D

When using a disconnect switch, order:

1. A disconnect switch with operating mechanism
2. A universal handle mechanism
3. A long operating rod, if required

When using a circuit breaker, order:

1. A circuit breaker
2. An operating mechanism
3. A universal handle mechanism
4. A long operating rod, if required

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

1. A disconnect switch with operating mechanism (Class 9422 Type T)
2. A handle mechanism (Class 9422 Type A-1)
3. A cable mechanism (Class 9422 CFT_O) 3-, 5-, or 10-foot

When using a circuit breaker with a cable mechanism, order:

1. A circuit breaker (Square D)
2. A handle mechanism (Class 9422 Type A-1)
3. A cable mechanism (Class 9422 CFT_O) 3-, 5-, or 10-foot

