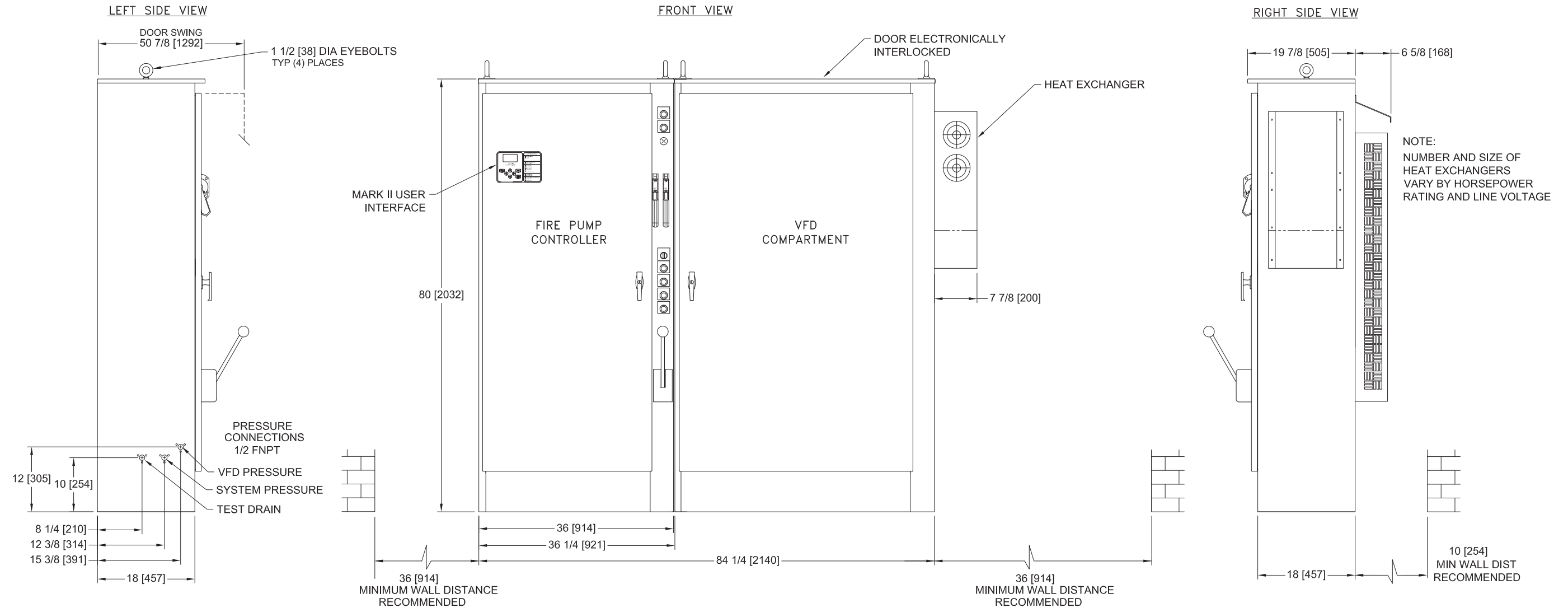


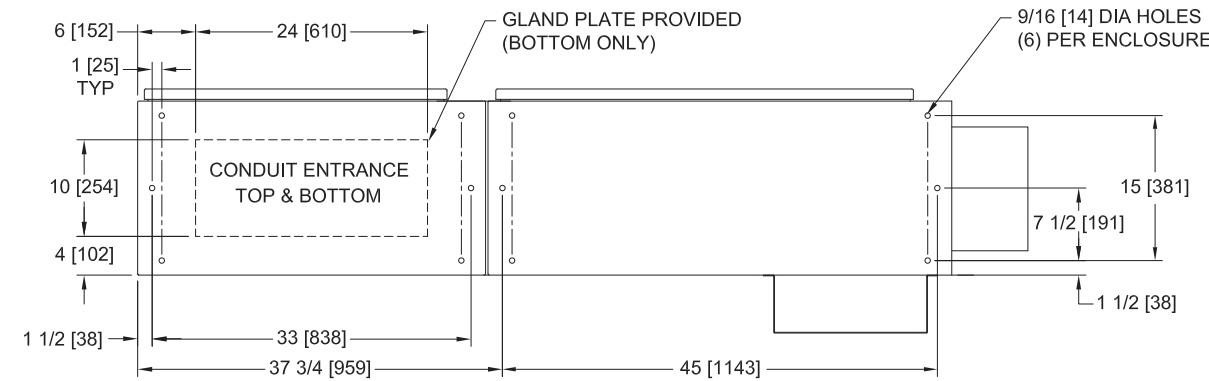
MarkIIx6 Electric Fire Pump Controllers - Variable Speed Starting with Across The Line Bypass



NOTE:  
NUMBER AND SIZE OF  
HEAT EXCHANGERS  
VARY BY HORSEPOWER  
RATING AND LINE VOLTAGE

NOTE:  
TEST DRAIN CONNECTION MUST  
BE PIPED TO WASTE DRAIN.  
FAILURE TO CONNECT TO A  
FLOOR DRAIN WILL RESULT IN  
UNSAFE CONDITIONS OF  
STANDING WATER AROUND  
CONTROLLER

- NOTES:
- DO NOT INSTALL IN AMBIENT TEMPERATURES ABOVE 40°C [104°F] OR BELOW 5°C [41°F]
  - ALL DIMENSIONS IN INCHES [MM]
  - FOR HORSEPOWER OR WITHSTAND RATINGS NOT LISTED IN THIS TABLE, REFER TO ED3100M-01
  - DRAWINGS USED FOR CONSTRUCTION PURPOSES MUST BE OBTAINED FROM FIRETROL OR THE LOCAL FIRETROL REPRESENTATIVE
  - ALL CONTROLLERS TO BE A MINIMUM NEMA TYPE 12
  - VFD COMPARTMENT SECTION IS SHIPPED SEPARATELY FROM FIRE PUMP COMPARTMENT SECTION



| STANDARD WITHSTAND RATINGS<br>200-600V - 100,000 Amps RMS Sym.     |                  |
|--|------------------|
| INTERMEDIATE WITHSTAND RATINGS<br>200-600V - 150,000 Amps RMS Sym. |                  |
| HIGH WITHSTAND RATINGS<br>200-600V - 200,000 Amps RMS Sym.         |                  |
| LINE VOLTAGE   | MOTOR HORSEPOWER |
| 200-208  | □ N/A            |
| 220-240  | □ N/A            |
| 380-415  | □ 200-250        |
| 440-480  | □ 300            |
| 550-600  | □ 200            |

BOTTOM VIEW

|  |                |     |        |  |   |                           |        |                |        |              |        |
|--|----------------|-----|--------|--|---|---------------------------|--------|----------------|--------|--------------|--------|
|  | SIZE           | B   | BY     | DATE   | <p>© Firetrol, Inc. Not for construction.<br/>Subject to change without notice.</p> | REMOVED SPACER BEFORE VFD | A      | 277014         | JMW    | CIR          | 5-1-19 |
|  | DRAWN BY       | JMW | 5-1-19 | REVISION DESCRIPTION                                       |   | REV                       | ECN NO | BY             | APP    | DATE         |        |
|  | FINAL APPROVAL | CIR | 5-1-19 | ENCLOSURE DIMENSIONS                                       |   | FTA3100M                  |        | DRAWING NUMBER |        | DD3100M-06   |        |
|  |                |     |        | VFD ELECTRIC FIRE PUMP CONTROLLER WITH FULL VOLTAGE BYPASS |   | DWG REV                   | A      | ECN NO         | 277014 | SHEET 1 OF 1 |        |

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