
COMPRESSED AIR FOAM DATASHEET

ICAF CABINET ASSEMBLY



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Assembly with NFS-320 Control Panel

Assembly with ARC-1 Control Panel

Description

The ICAF unit cabinet is made of sturdy 14 gauge steel, measuring 35¾" x 25" x 77" (908 x 635 x 1956 mm) or 46" x 25" x 77" (1168 x 635 x 1956 mm) depending on the configuration provided. Refer to table 1 and figure 1 for dimensions.

All surfaces are rust proof coated, inside and outside, with fire red, oven baked polyester powder on phosphate base. Cabinet is provided with two access doors to the hydraulic and electrical sections; one door is combined with the emergency release. A neoprene gasket between doors and cabinet allows to avoid vibrations.

Electrical junction boxes are integrated with the cabinet for connection of detection system, auxiliary contacts and signaling devices. Knockouts can be drilled by the installing contractor on-site but have to meet the restrictions indicated on figure 4.

Gauges to indicate air, water supply pressure and priming water pressure are all visible through clear Lexan windows.

IMPORTANT ! ICAF units are NOT designed to be installed where they will be subjected to outdoors and/or freezing conditions. Refer to ENVIRONMENTAL DATA for additional details. Subjecting the unit to conditions outside these limitations might hamper the normal operation of the system.

Cabinet doors are provided with hinges that can easily be disassembled on site to remove the door assemblies for servicing. The cabinet assembly is pre-assembled, pre-wired, and factory tested under ISO-9001 conditions.

Note: Once the left door opened, the control panel can be unlatched then rotated to give complete access to the mechanical section of the ICAF system and to the electrical junction box.

Table 1 – Cabinet dimensions (refer to figures 1 and 2)

Model	A	B	C	D	E	F	G
36"	35¾ (908)	25 (635)	77 (1956)	39¾ (1010)	15 (381)	37¾ (959)	12¾ (324)
46"	46 (1168)	25 (635)	77 (1956)	50 (1270)	15 (381)	48 (1219)	23 (584)

Dimensions are in inches (mm).



Figure 1 – Cabinet Dimensions

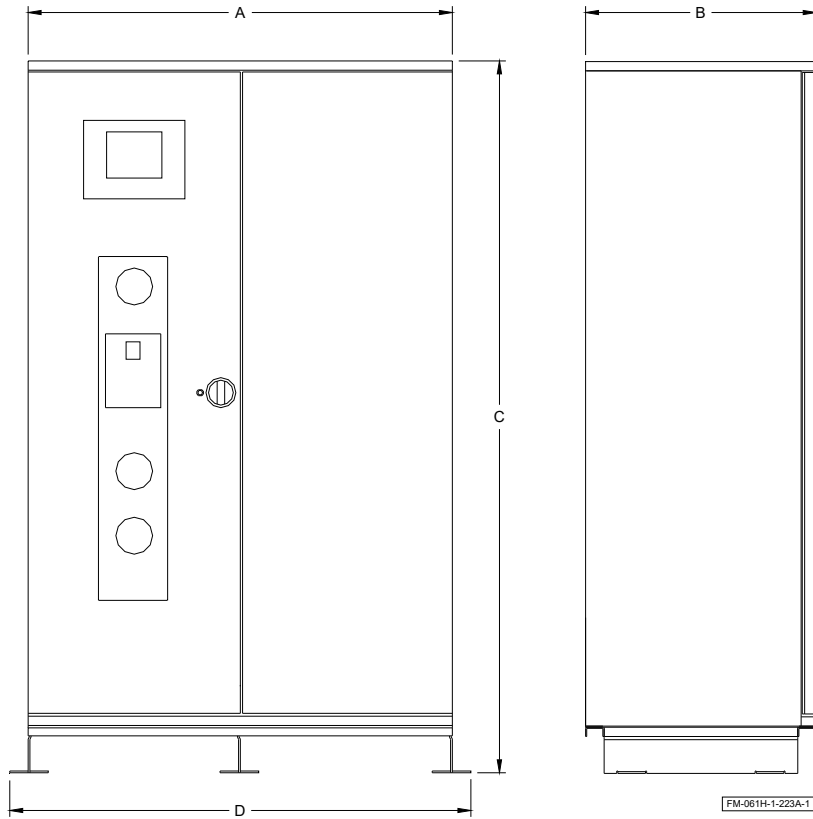


Figure 2 - Floor anchoring template

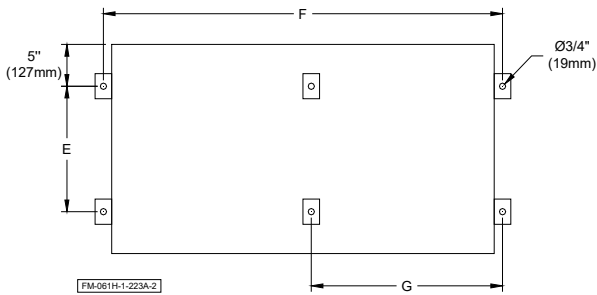
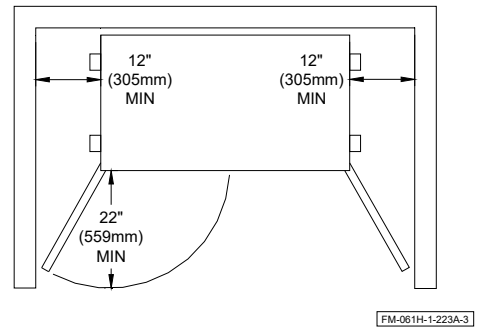


Figure 3 - Cabinet clearance



Note: Drain pipe shall be connected to an open drain.