



CENTERLINE® Motor Control Centers Stainless Steel Enclosure for NEMA Type 4 Applications

Application

Stainless steel motor control center (MCC) enclosures are designed for indoor or outdoor use, primarily to provide a degree of protection against windblown dust and rain, splashing water and hose-directed water. They are designed to remain undamaged by the formation of ice on the enclosure. The stainless steel enclosures meet hose-down, external icing, rod entry and rust-resistance design tests. This design is acceptable for NEMA Type 4 applications, per NEMA Standard 250. Two applications for these enclosures are the food processing and dairy industries.

Construction

Figure 1 Stainless Steel Construction

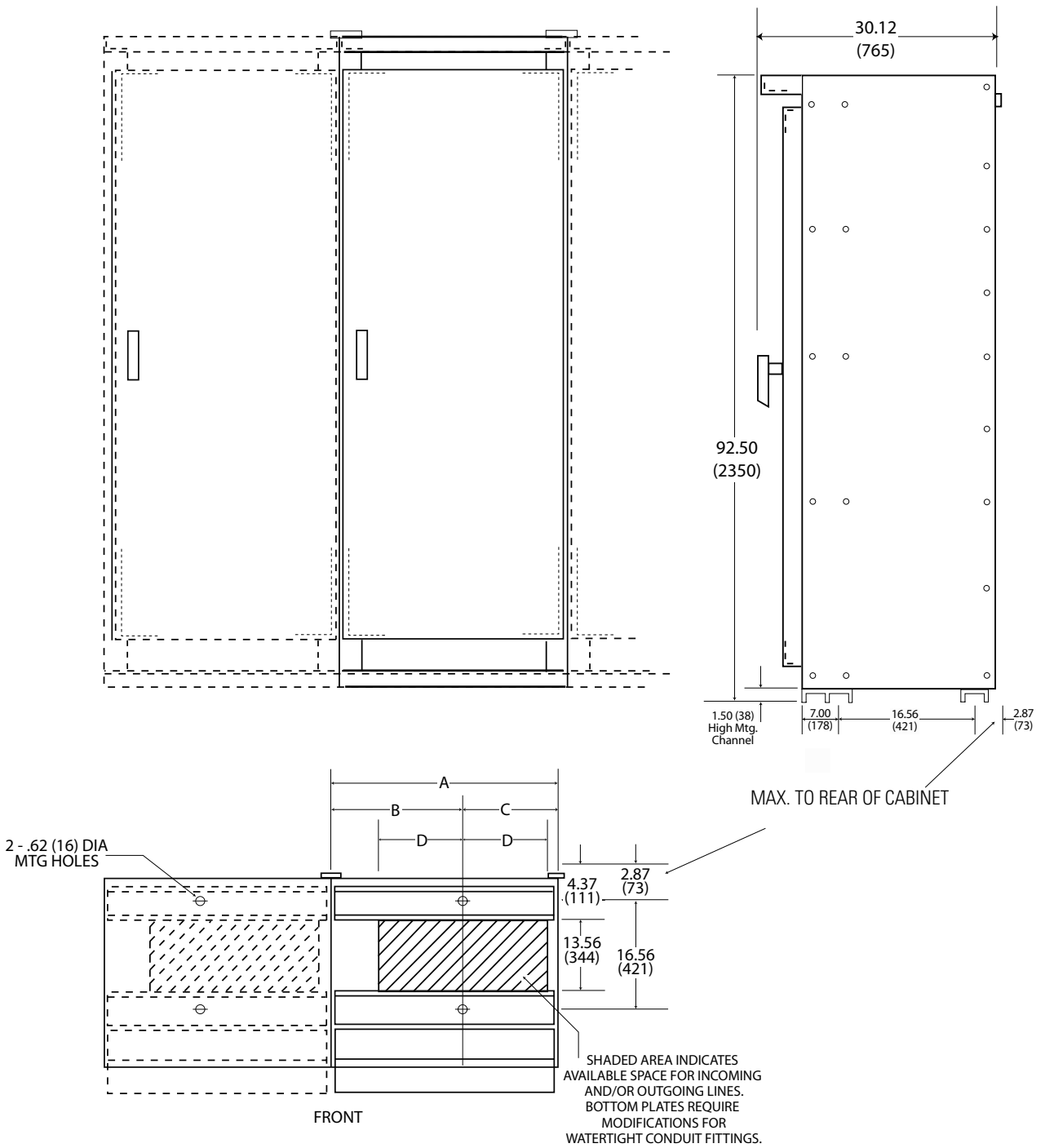


- Stainless steel outer sheeting is constructed around a 20” (508 mm) deep inner section. The outer sheeting increases the overall depth by 10” (254 mm) and the width by 5” (127 mm).
- The interior section(s) can be 20” (508 mm), 25” (635 mm) or 30” (762 mm) wide. For overall enclosure dimensions, refer to page 2.
- The outer door and the MCC unit door provide two-door protection and isolation for electrical equipment.
- Back-to-back construction is not available.
- Stainless steel external mounting channels are supplied on all enclosures.
- Removable painted steel (not stainless) lifting angles are optional.
- Optional “food-grade” polycarbonate viewing window can be supplied on the outer stainless steel door, if pilot devices must be visible. This viewing window meets the washdown requirements.
- Built to ship in groups of one, two or three sections with a maximum shipping width of 75” (1905 mm). Enclosures 30” (762 mm) or wider must be shipped individually.
- Designed for bottom entry and exit of all cables and wires (power, load, control). Top cable entry and exit are possible. Conduit fittings approved for NEMA Type 4 enclosures; must be used for bottom or top entry.

If the enclosures are subject to high humidity or condensation (can occur during washdowns), it is recommended that optional space heaters be installed in each section. This is especially necessary when starters in the MCC are not operating continuously and are de-energized for long periods of time.

All space factors and options for plug-in units remain the same as those listed in the CENTERLINE Motor Control Centers Catalog, publication number 2100-CA001x-EN-P. For more information, specific applications and availability contact your local Rockwell Automation sales engineer or Allen-Bradley distributor.

Figure 2 Floor Plan Dimensions



Interior Section Width	A		B		C		D	
	Inch	mm	Inch	mm	Inch	mm	Inch	mm
20.00	25.00	(635)	13.75	(349)	11.25	(286)	8.87	(225)
25.00	30.00	(762)	16.25	(413)	13.75	(349)	11.37	(289)
30.00	35.00	(889)	18.75	(476)	16.25	(413)	13.87	(352)

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