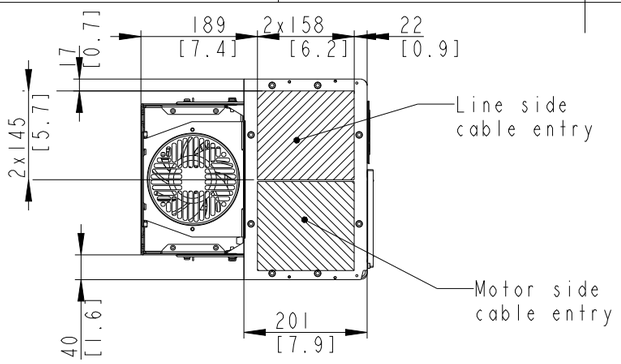
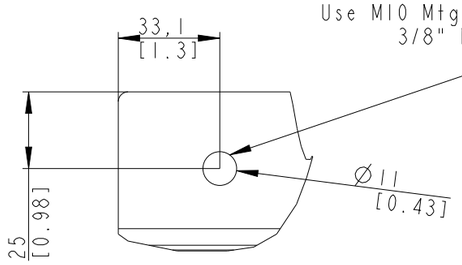
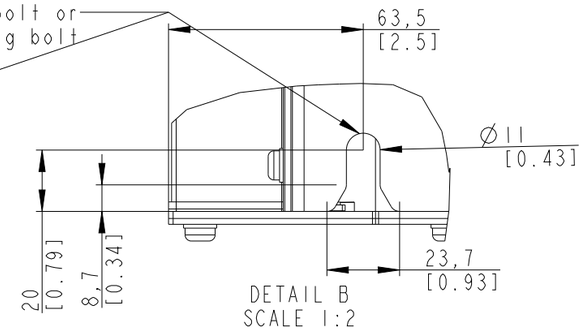
Type	Value
Max Weight	89kg/196lb
IP Class	IP54
UL Type	Type 12

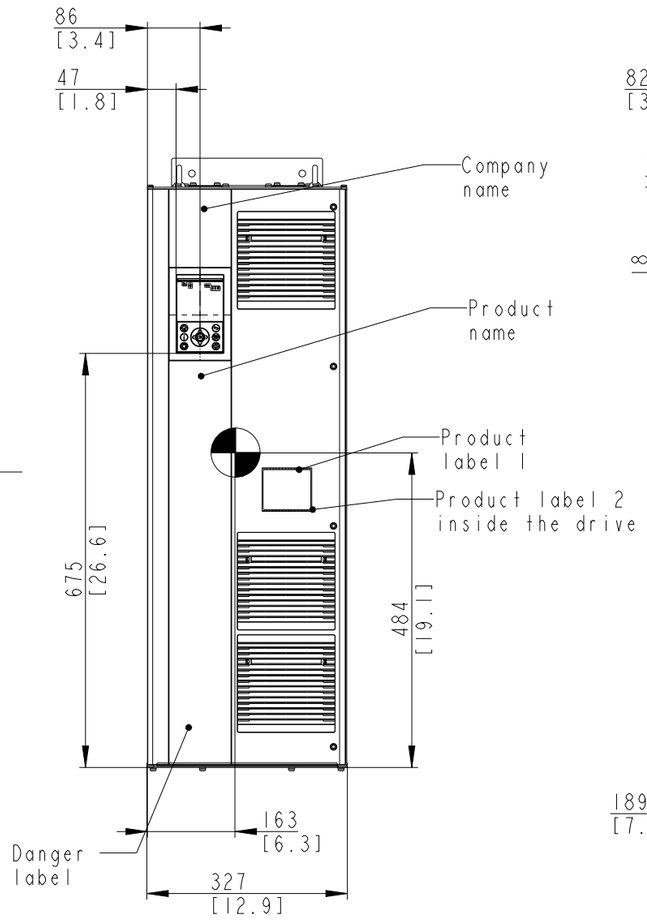


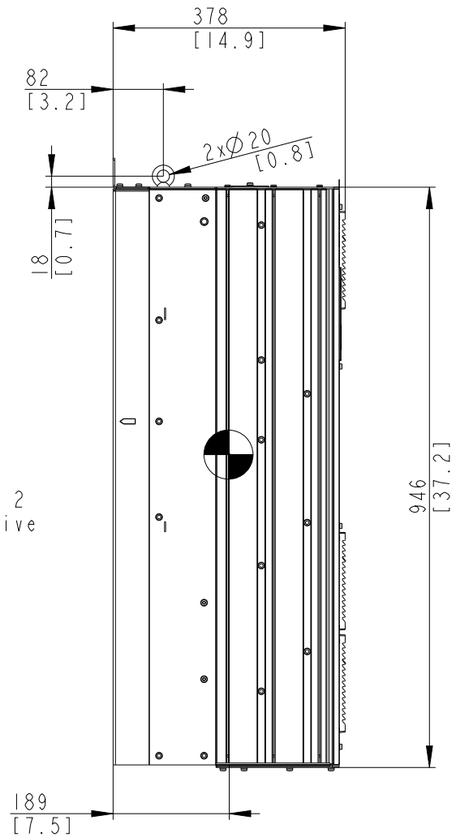


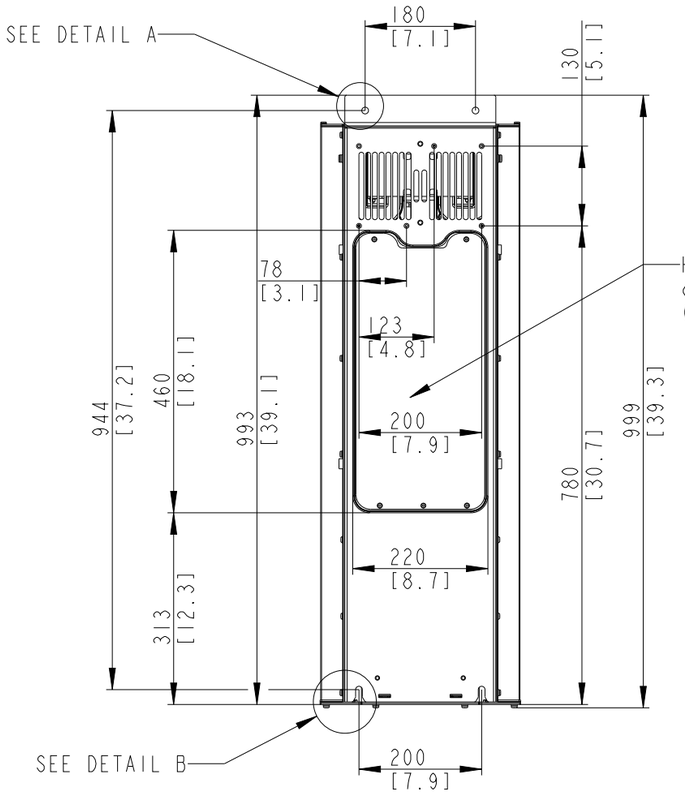
DETAIL A
SCALE 1:2

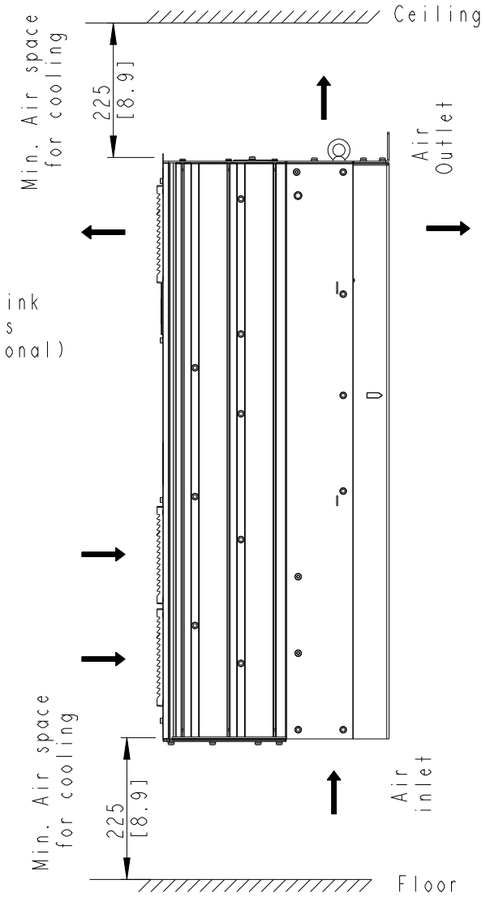


DETAIL B
SCALE 1:2

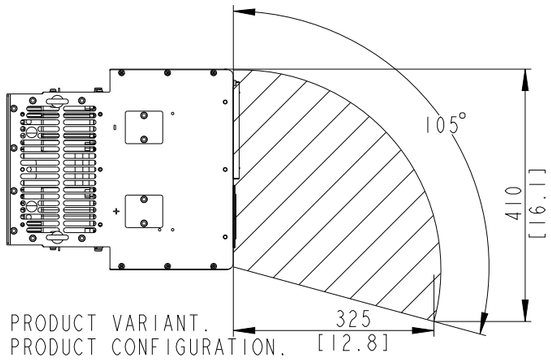








Position of connectors	
A	Line
B	Motor
C	Interface X0
D	Interface X1/X2 or X4



1. MAX AIRFLOW (BACKCHANNEL) - 638m³/hr(375CFM)
2. MAX AIRFLOW (CABINET) - 144m³/hr(85CFM)

THIS DRAWING SHOWS THE MOST COMMON VERSION OF THIS PRODUCT VARIANT.
SMALL DIFFERENCES MAY OCCUR DEPENDING ON THE FINAL PRODUCT CONFIGURATION.

CENTER OF GRAVITY:
FOR REFERENCE ONLY, THE PRODUCT CONFIGURATION MAY INFLUENCE THE CG IN ALL THREE AXES.

UNLESS OTHERWISE SPECIFIED THE TOLERANCE IS ±1MM [0.4 INCH]. ALL DIMENSIONS ARE IN MILLIMETERS [INCH]	FIRST ANGLE PROJECTION	SCALE 1:10
		DRAWING SIZE A3
		MATERIAL -
		FINISH -

CHANGED		
DESIGNED	Danfoss	2026-05-06
CHECKED		

DESCRIPTION: MCAD-FB09a-IP54

PROPERTY OF DANFOSS A/S NORDBORG, DENMARK. TWO OR THREE DIMENSIONAL REPRODUCTION OF CONTENTS TO BE AUTHORIZED BY DANFOSS A/S.

DRAWING NUMBER	178r0016
REV	002
MODEL	MCAD-FB09a-IP54
SHEET	1 OF 3

SECTION A-A
LINE TERMINALS

SECTION B-B
MOTOR TERMINALS

Grounding information
M8x20 Stud
with nut (4X)

0 [0]
192 [7.6]
257 [10.1]
666 [26.2]
392 [15.4]
288 [11.3]
189 [7.4]
158 [6.2]
118 [4.6]
0 [0]

0 [0]
217 [8.6]
272 [10.7]

290 [11.4]
244 [9.6]
0 [0]

0 [0]
63 [2.5]
102 [4]
141 [5.6]
186 [7.3]
225 [8.8]
264 [10.4]

L1 L2 L3 U V W

60 [2.3]
215 [8.5]
80 [3.2]
254 [10]
Interface X4
Interface X1,X2

118 [4.6]
67 [2.6]

LINE TERMINAL

L1,L2,L3

M10
10 [0.4]
32 [1.3]

MOTOR TERMINAL

U,V,W

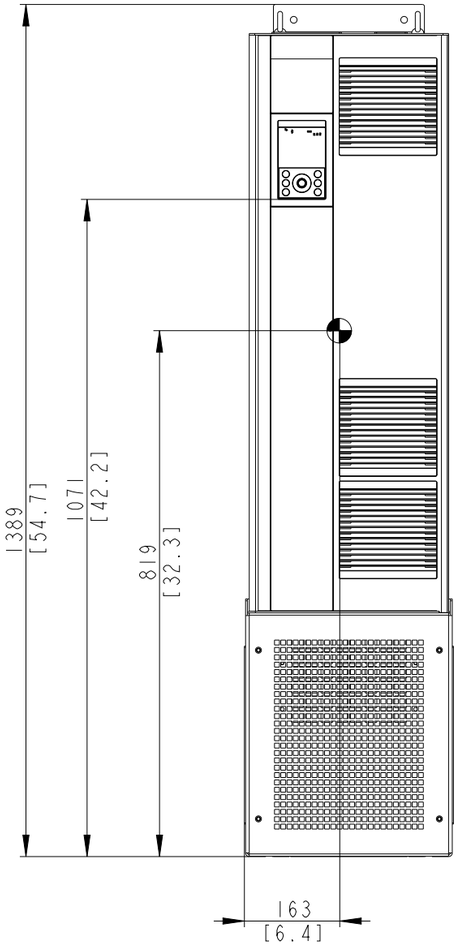
M10
CU
10 [0.4]
32 [1.3]

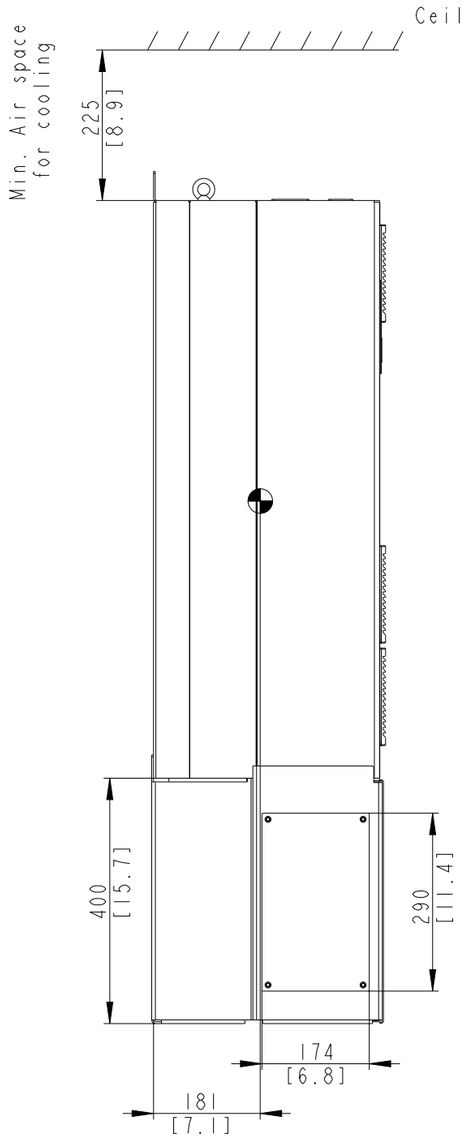
THIS DRAWING SHOWS THE MOST COMMON VERSION OF THIS PRODUCT VARIANT.
SMALL DIFFERENCES MAY OCCUR DEPENDING ON THE FINAL PRODUCT CONFIGURATION.

PROPERTY OF DANFOSS A/S NORDBORG, DENMARK. TWO OR THREE DIMENSIONAL REPRODUCTION OF CONTENTS TO BE AUTHORIZED BY DANFOSS A/S.

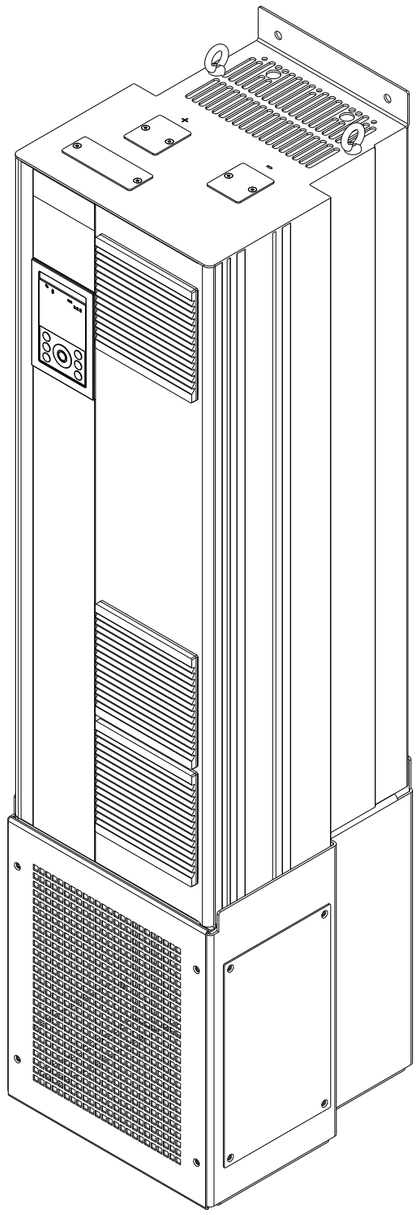
DRAWING NUMBER	REV
178r0016	002
MODEL	SHEET
MCAD-FB09a-IP54	2 OF 3

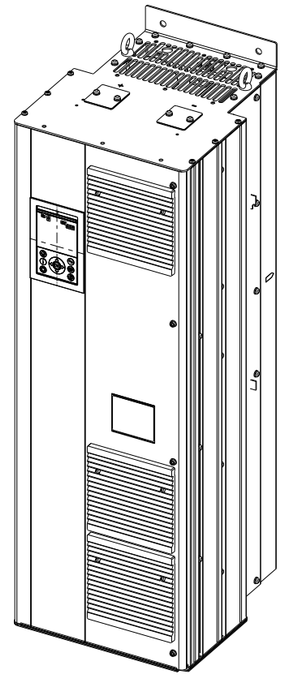
Optional Floor mounting with Pedestal





Standard
(without Pedestal option)





THIS DRAWING SHOWS THE MOST COMMON VERSION OF THIS PRODUCT VARIANT.
SMALL DIFFERENCES MAY OCCUR DEPENDING ON THE FINAL PRODUCT CONFIGURATION.

PROPERTY OF DANFOSS A/S NORDBORG, DENMARK. TWO OR THREE DIMENSIONAL REPRODUCTION OF CONTENTS TO BE AUTHORIZED BY DANFOSS A/S.

DRAWING NUMBER	REV
178r0016	002
MODEL	SHEET
MCAD-FB09a-IP54	3 OF 3