

4

3

2

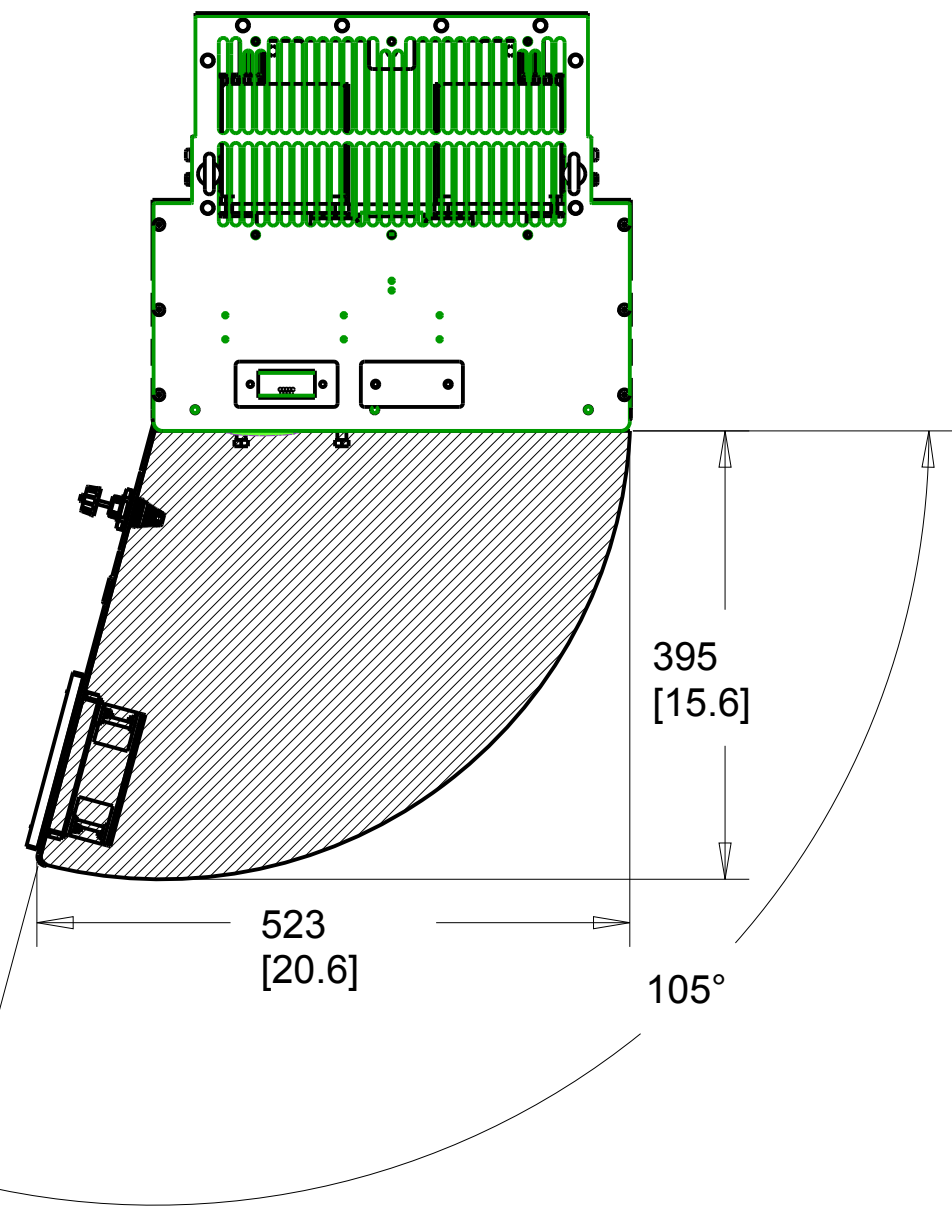
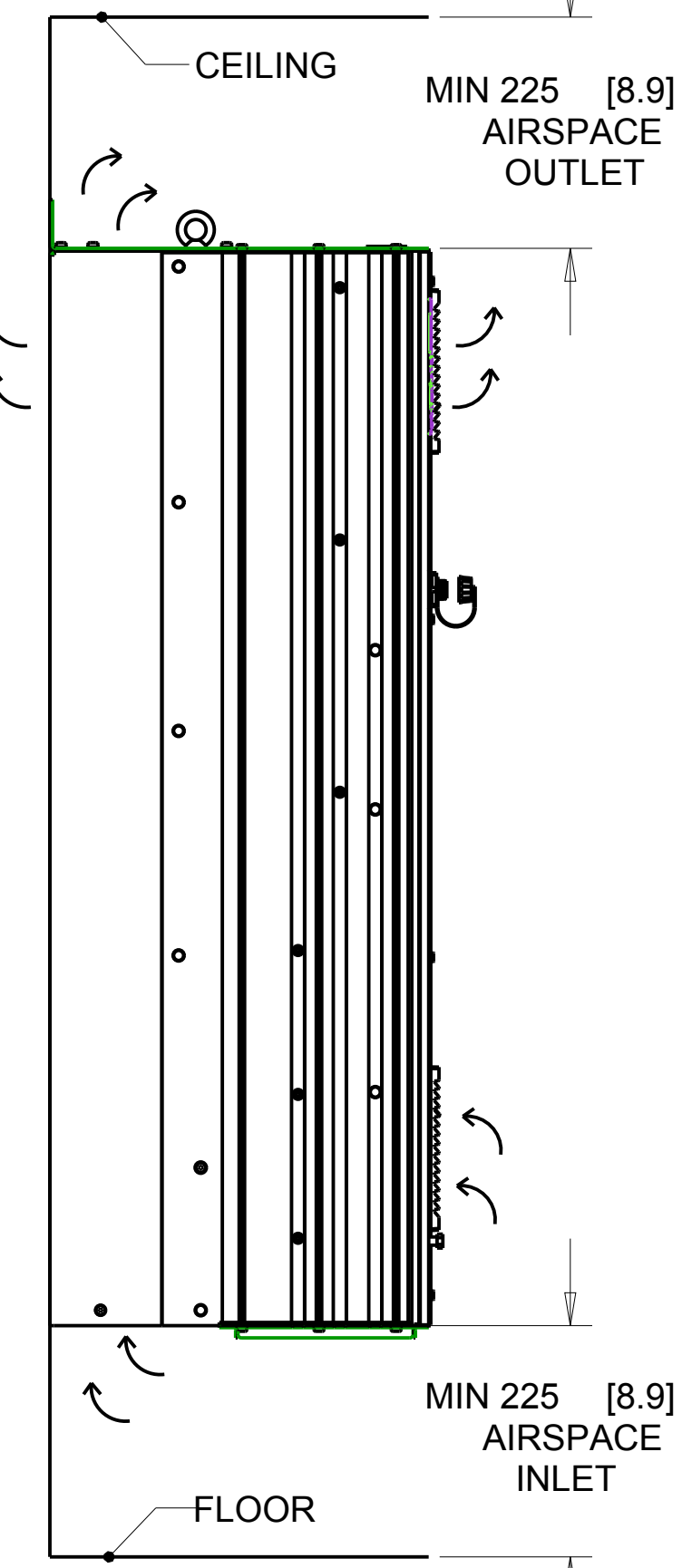
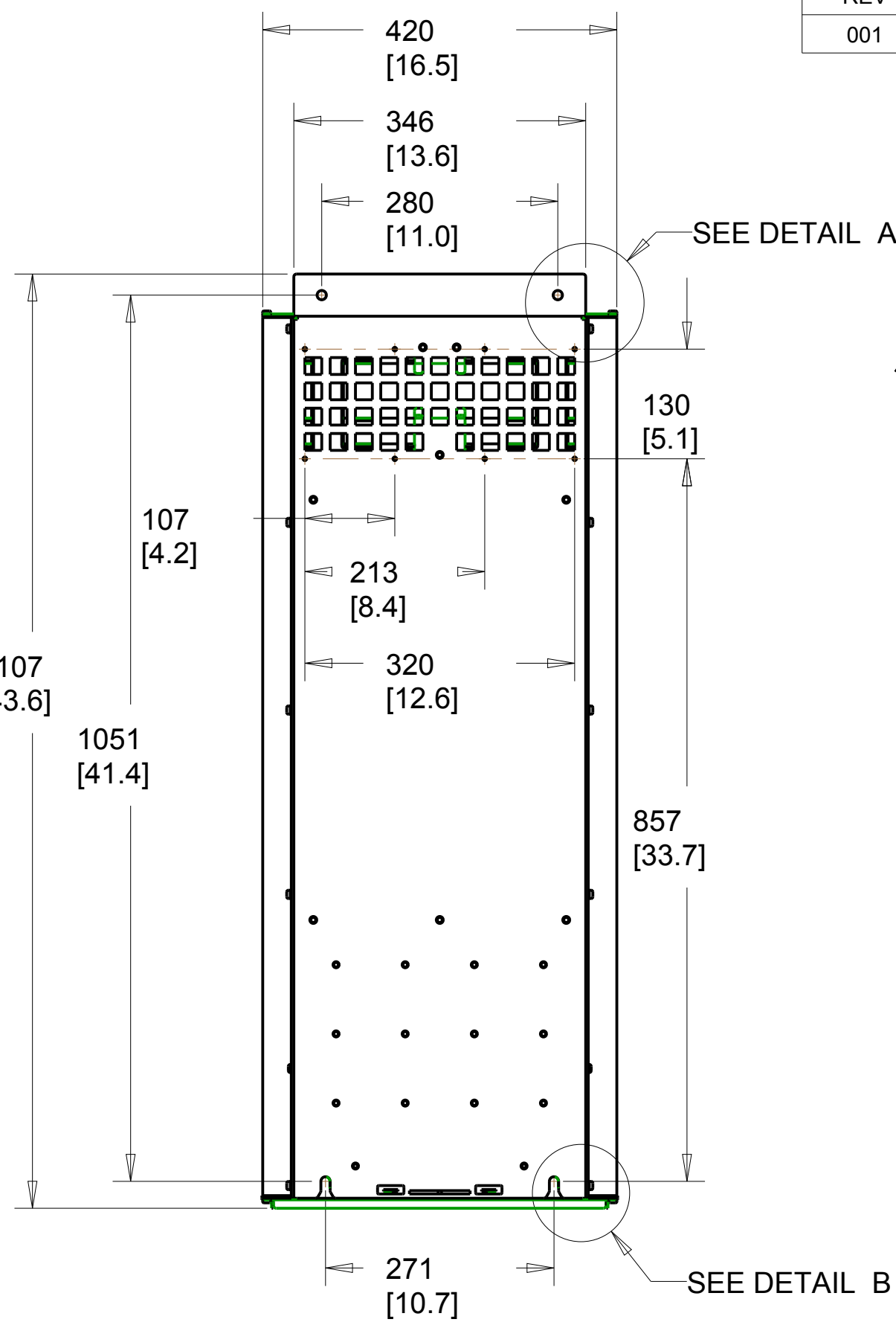
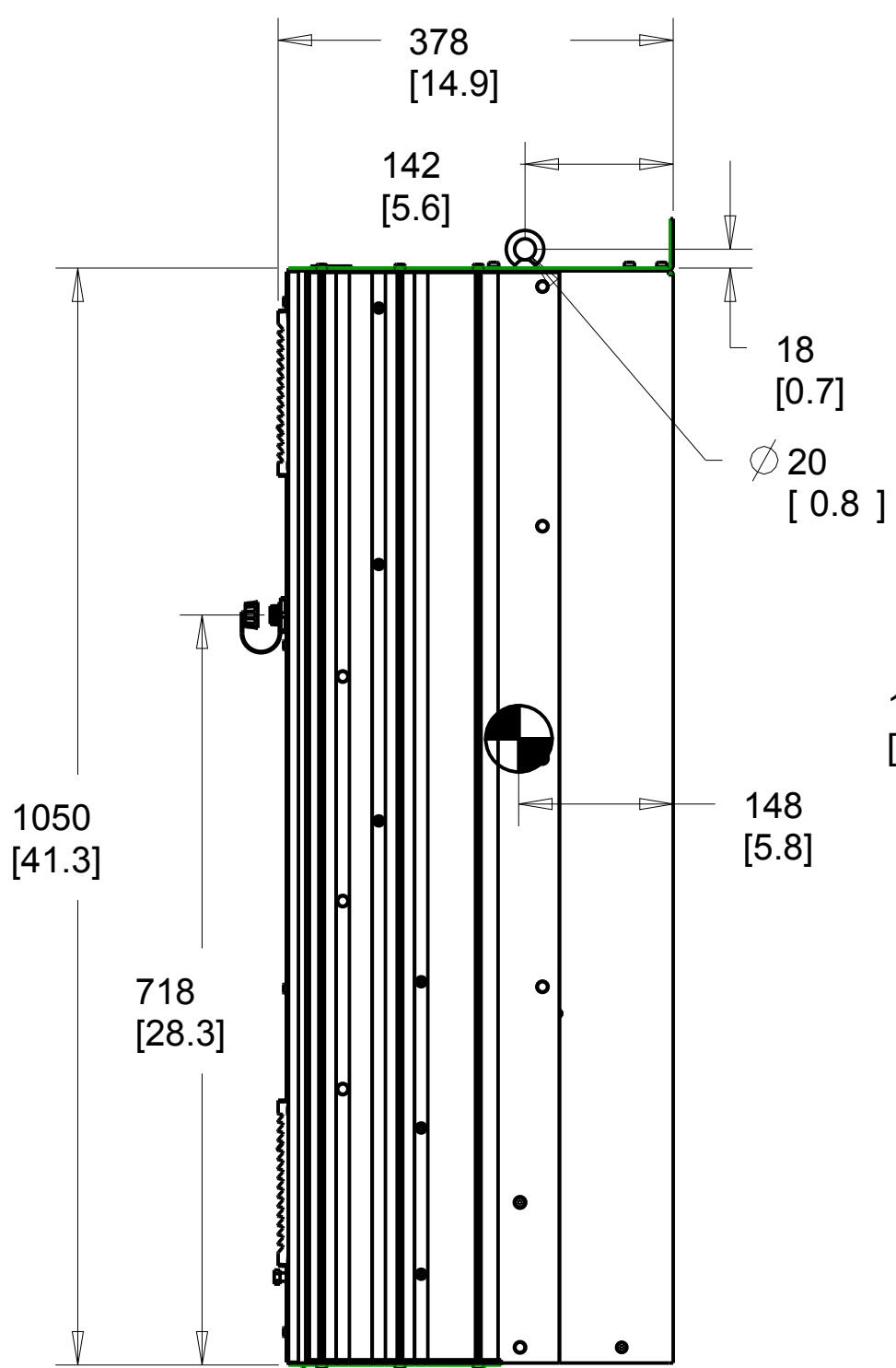
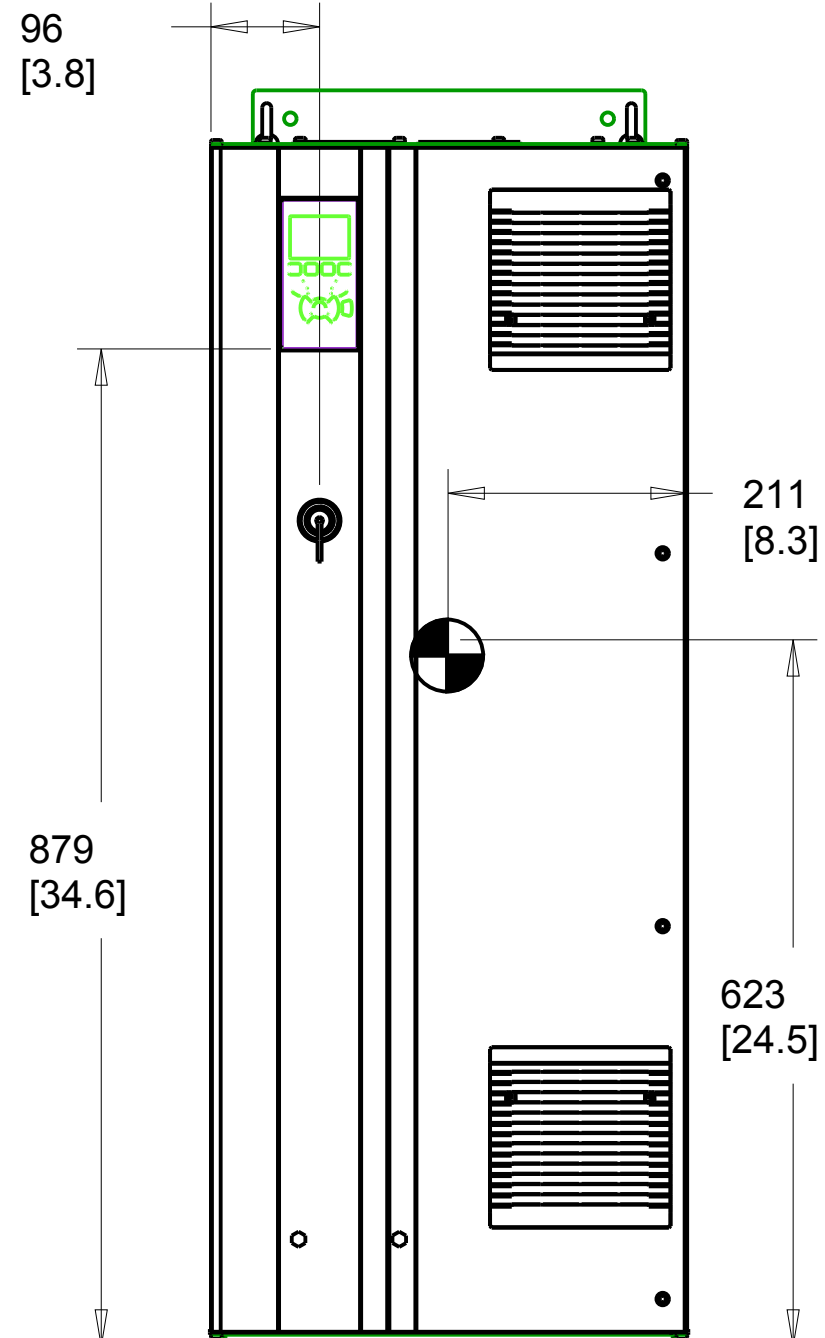
1

- NOTICE -

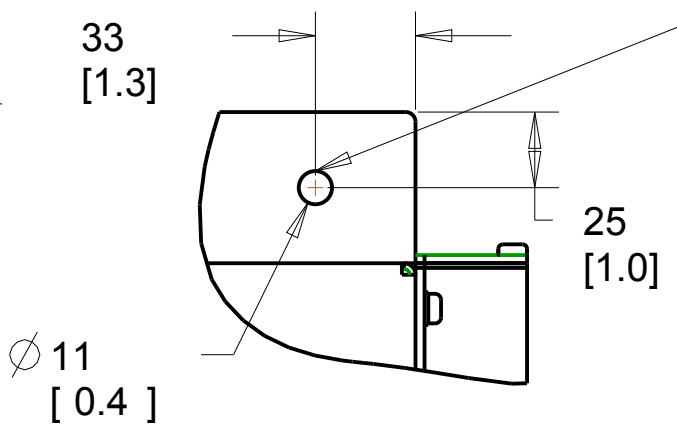
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REVISION HISTORY

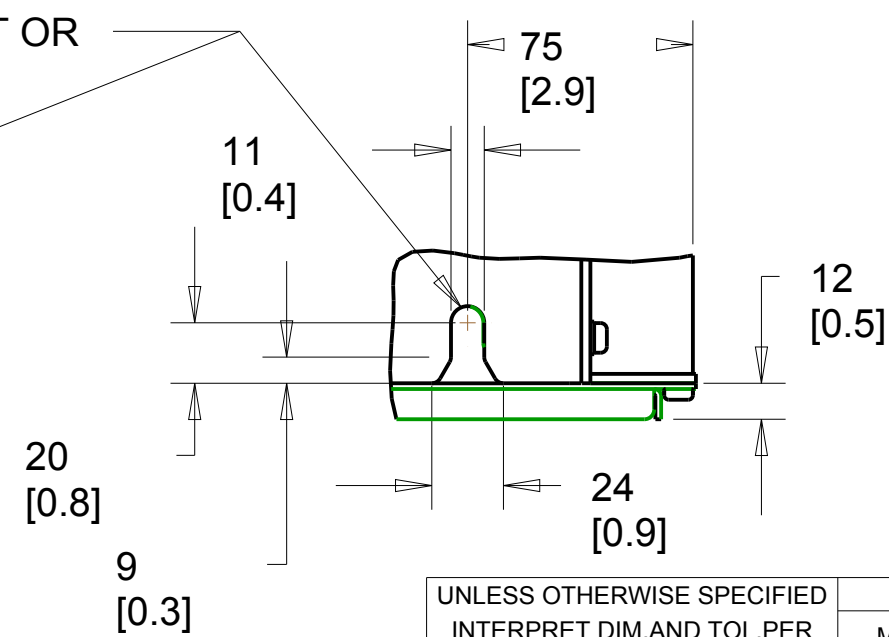
REV	ECN NUMBER	ENTRY BY	DATE
001	INITIAL RELEASE	PK	01/25/12



DETAIL A
 USE M10 MTG BOLT OR
 3/8" MTG BOLT



DETAIL B



1. MAX AIRFLOW (BACKCHANNEL) - 14 M³ / MIN (500 CFM)
2. MAX AIRFLOW (CABINET) - 3.4 M³ / MIN (120 CFM)
3. MAX WEIGHT = 125 KG (275 LBS)
4. CENTER OF GRAVITY:
APPROXIMATE LOCATION ONLY, LOCATION MAY VARY BASED ON POWER RATING AND OPTIONS ORDERED.

UNLESS OTHERWISE SPECIFIED INTERPRET DIM AND TOL.PER ASME Y14.5M-1994		PROPERTIES	
.X± 0.4 .XX± 0.2 ∠ ± 0.5		MATERIAL	N/A
DIM.ARE IN MILLIMETERS WEIGHTS ARE IN KILOGRAMS		FINISH	N/A
THIRD ANGLE PROJECTION		THICKNESS	N/A
		EST.WEIGHT	125
		APPROVALS	INITIALS DATE
		DRAWN	CCN 06/16/11
		CHECKED	
		ENGR	

Danfoss

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(815) 639-8600 FAX (815) 639-8000

TITLE: **INSTALLATION DRAWING, D2H, IP21/54**

SIZE: C	MODEL:	REV: 001
SCALE: 0.150	DRAWING NO.: 177R0375	SHEET: 1 OF 3

4

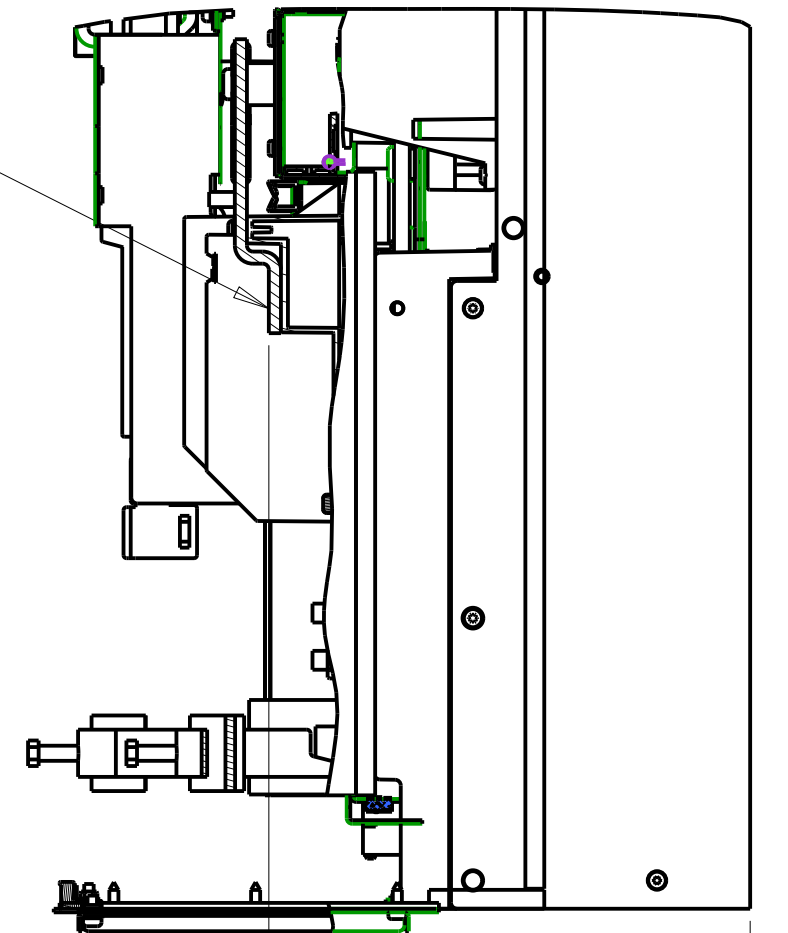
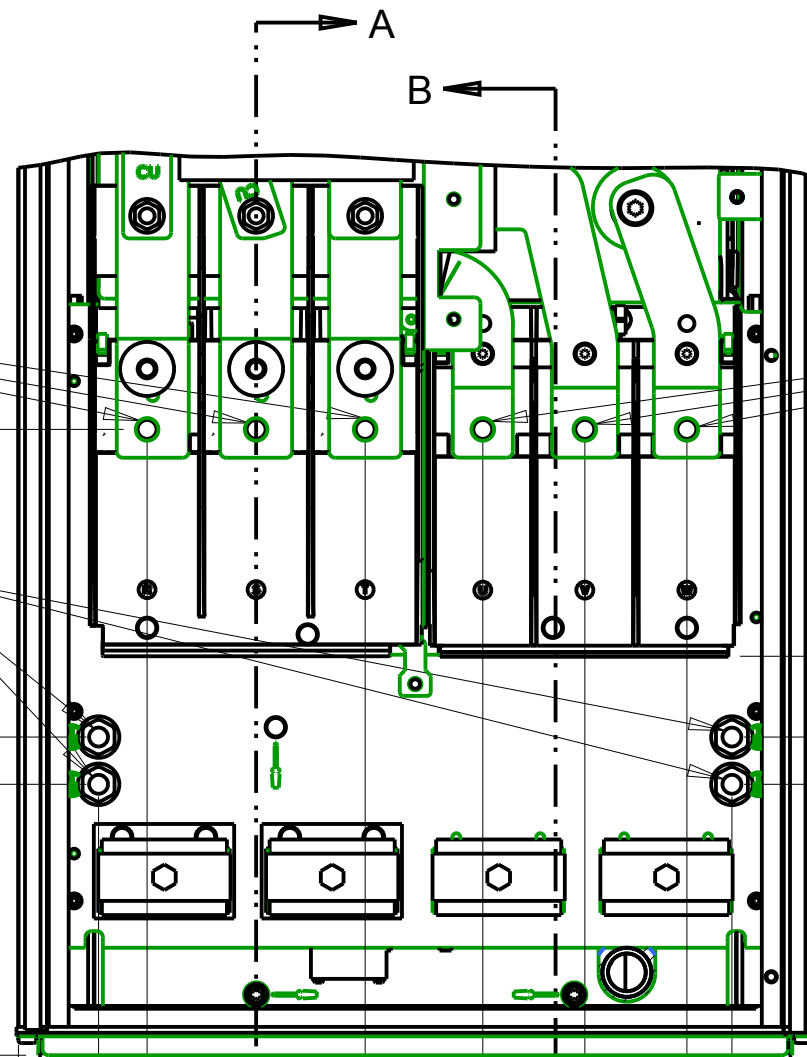
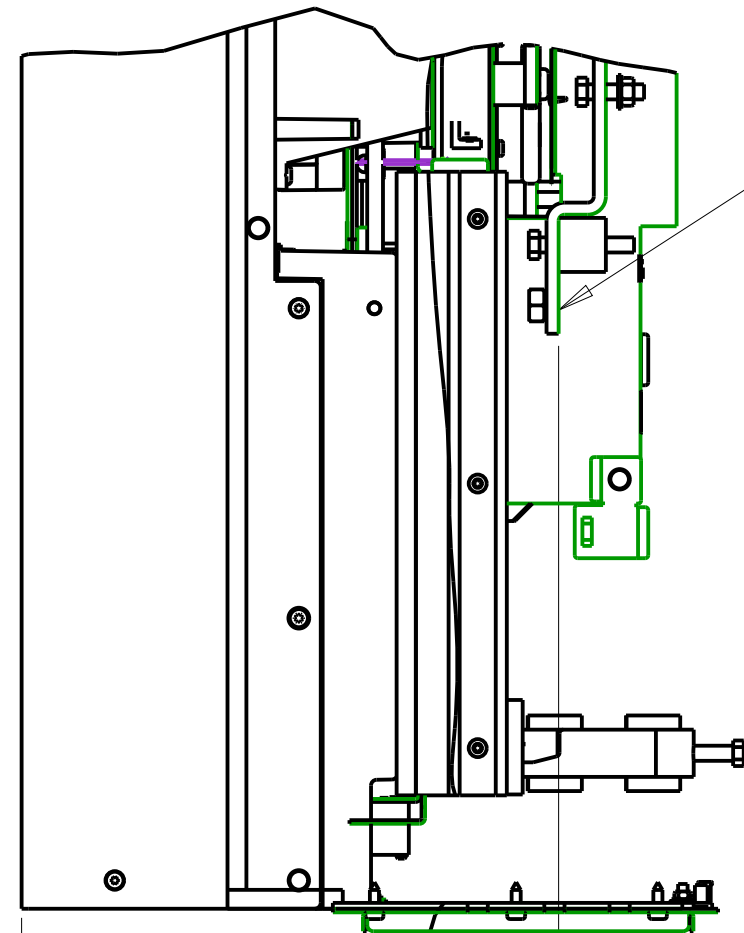
3

2

1

SECTION A-A
MAINS TERMINALS

SECTION B-B
MOTOR TERMINALS



MAINS TERMINAL

MOTOR TERMINAL

331
[13.0]

4X M10X20 STUD
WITH NUT

GROUND 168
[6.6]

GROUND 143
[5.6]

211
[8.3]

GROUND 168
[6.6]

GROUND 143
[5.6]

0
[0.0]

42
[1.7]

378
[14.9]

255
[10.0]

0
[0.0]

0
[0.0]

284
[11.2]

0
[0.0]

68
[2.7]

184
[7.2]

299.8
[12]

354
[13.9]

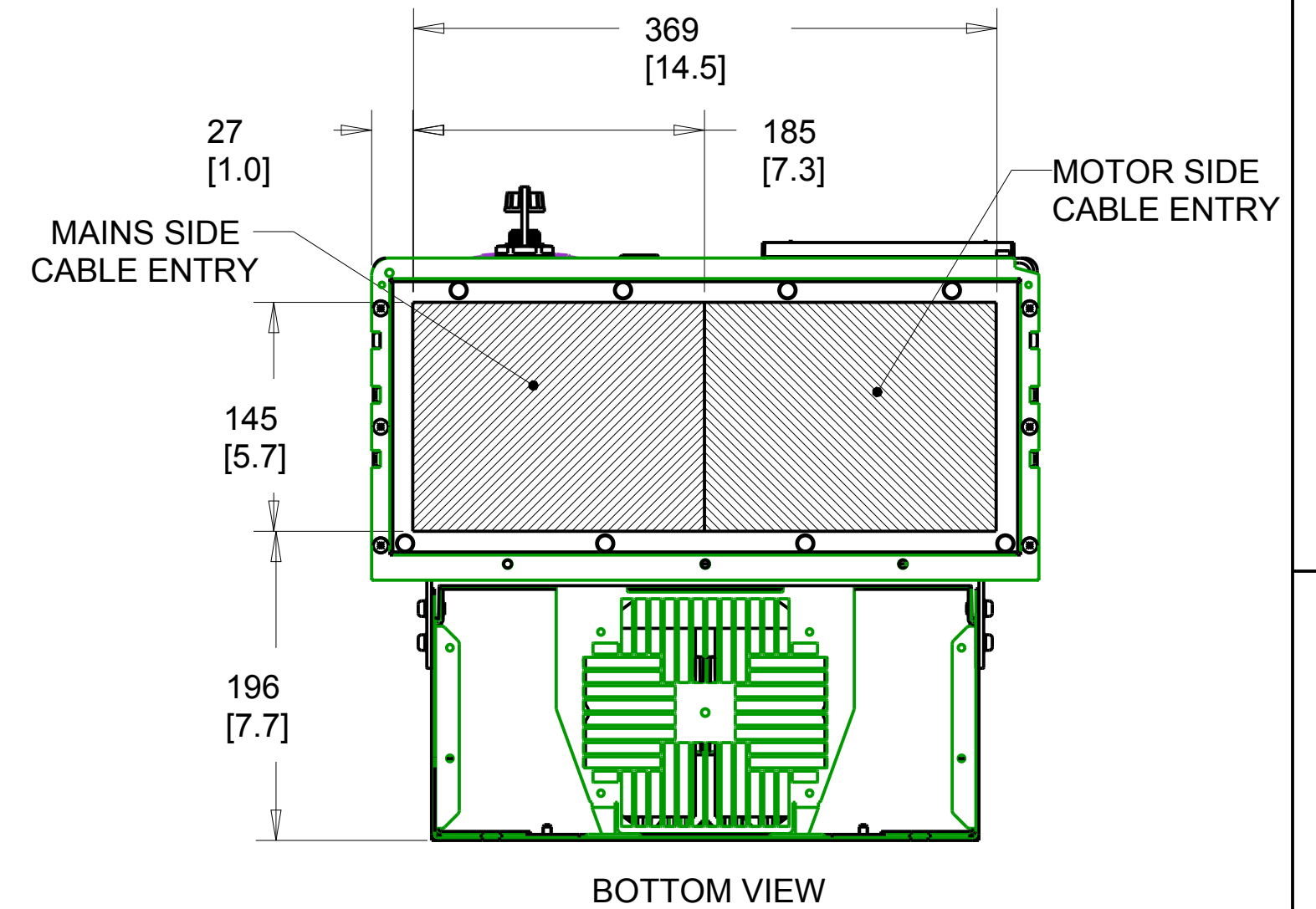
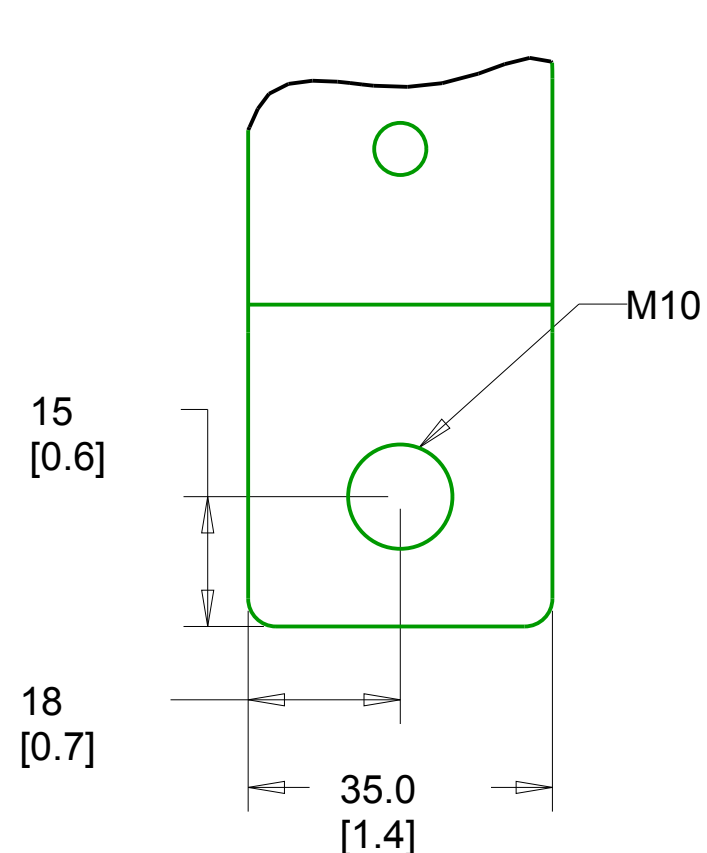
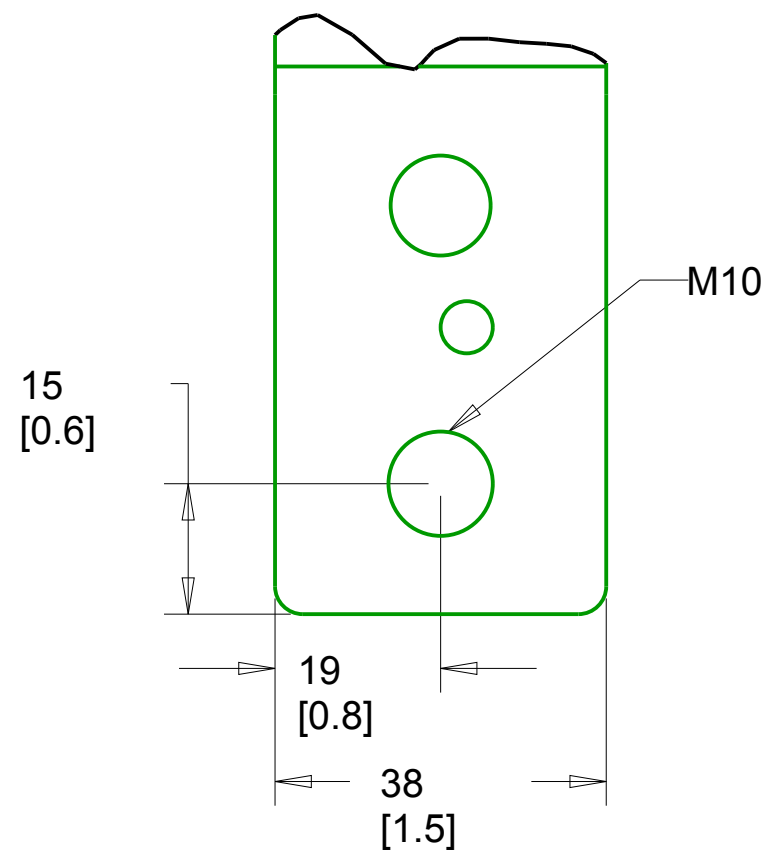
126
[5.0]

245.8
[9.7]

378
[14.9]

MAINS TERMINAL

MOTOR TERMINAL



NOTES:

- 1. PLACE CABLES THROUGH MARKED AREAS
- 2. 185MM² (400 MCM) MAX WIRE SIZE

TITLE INSTALLATION DRAWING, D2H, IP21/54		
SIZE C	MODEL	REV 001
SCALE 0.250	DRAWING NO. 177R0375	SHEET 2 OF 3

THE TABLES BELOW MAY BE USED TO CONFIRM THE CORRECT FRAME SIZE AND DRAWING FOR A SPECIFIC DRIVE RATING (POWER AND VOLTAGE). THIS DRAWING IS FOR D2H FRAMES, THE TABLES BELOW IDENTIFY WHICH DRIVES ARE REPRESENTED BY THIS DRAWING.

THE TABLE BELOW CAN BE USED TO DETERMINE THE FRAME SIZE IF THE SPECIFIC MODEL/TYPECODE IS KNOWN.

KW RATED DRIVES						
KW HIGH OVERLOAD	132	160	200	250	315	315
KW NORMAL OVERLOAD	160	200	250	315	355	400
400V		D2H	D2H	D2H		
500V			D2H	D2H	D2H	
525V	D2H	D2H	D2H	D2H		
690V		D2H	D2H	D2H		D2H

HORSEPOWER RATED DRIVES					
HP HIGH OVERLOAD	200	250	300	350	350
HP NORMAL OVERLOAD	250	300	350	400	450
460V		D2H	D2H		D2H
575V	D2H	D2H	D2H	D2H	

PLATFORM	VOLTAGE	MODEL/TYPECODE	FRAME(IP21/IP54)
HVAC	T4	FC-102N200T4	D2H
		FC-102N250T4	
		FC-102N315T4	
	T7	FC-102N200T7	
		FC-102N250T7	
		FC-102N315T7	
AQUA	T4	FC-102N400T7	
		FC-202N200T4	
		FC-202N250T4	
	T7	FC-202N315T4	
		FC-202N200T7	
		FC-202N250T7	
AUTOMATION	T5	FC-202N315T7	
		FC-202N400T7	
		FC-302N160T5	
		FC-302N200T5	
	T7	FC-302N250T5	
		FC-302N160T7	
		FC-302N200T7	
		FC-302N250T7	
		FC-302N315T7	

TITLE		
INSTALLATION DRAWING, D2H, IP21/54		
SIZE	MODEL	REV
C		001
SCALE	DRAWING NO.	SHEET
0.150	177R0375	3 OF 3