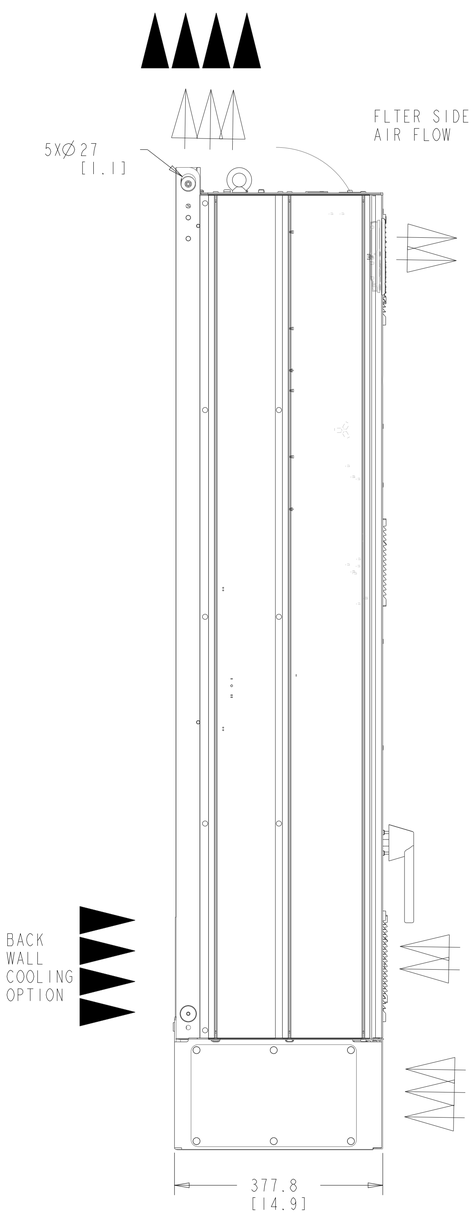
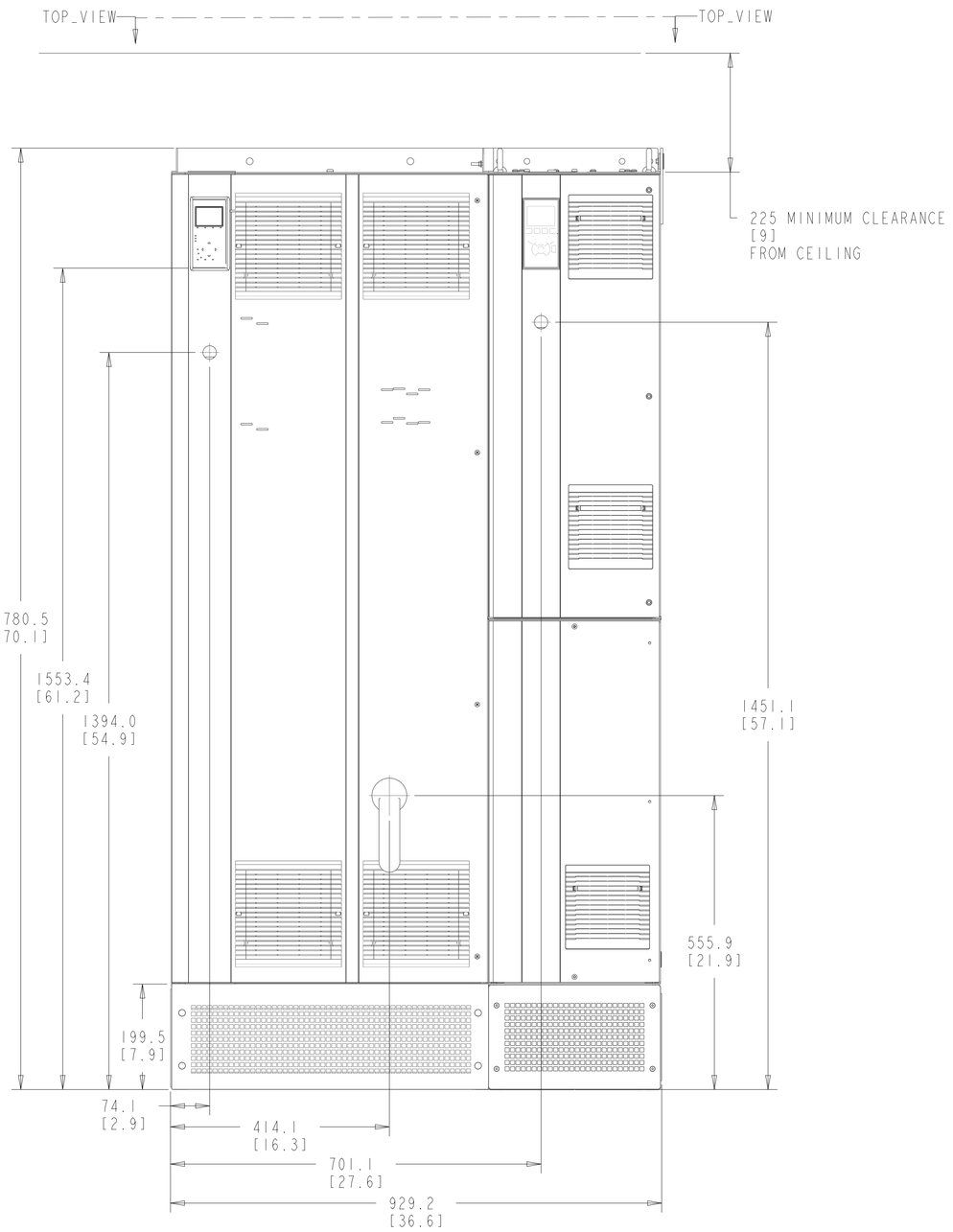
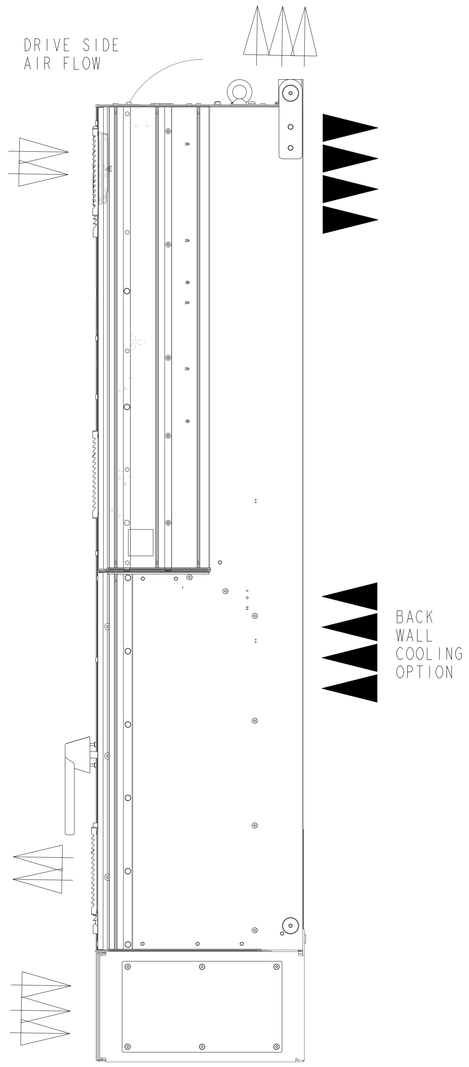




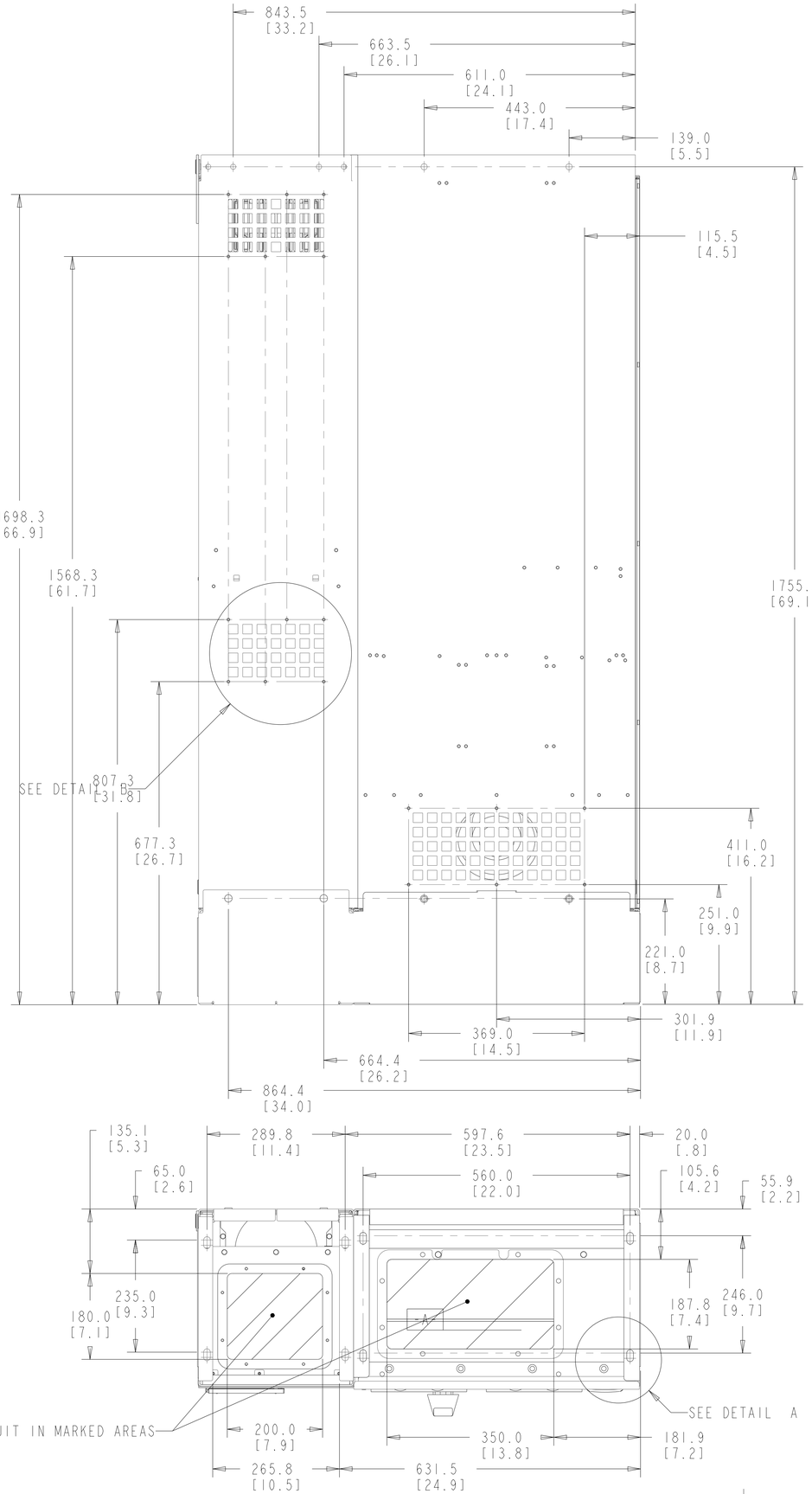


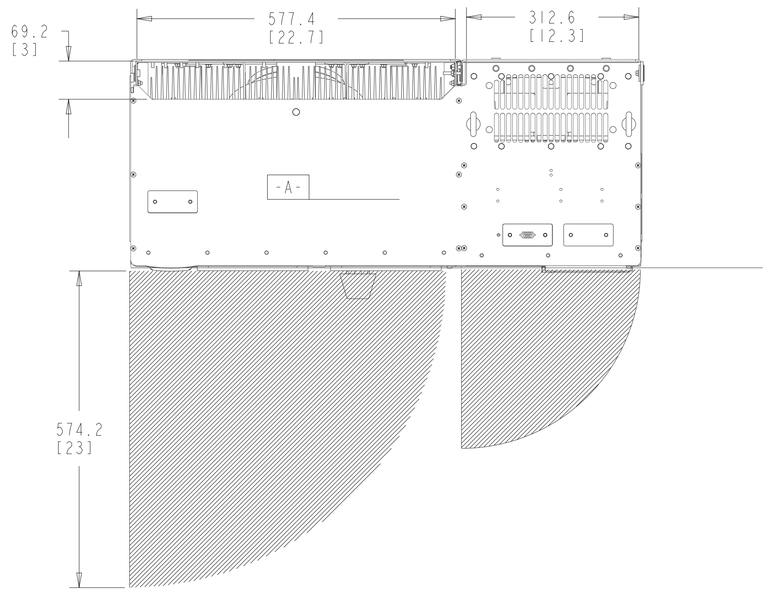
MAINS INPUT
THIS CABINET
(CONNECTED TO
THE INPUT PLATE)

MOTOR OUTPUT
THIS CABINET

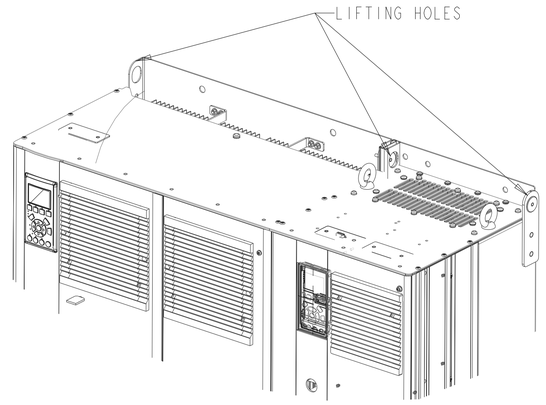
NOTE:
THIS INSTALLATION DRAWING IS APPLICABLE FOR FC102/202 160KW
AND FOR FC302 132KW OF LOW HARMONIC DRIVE.

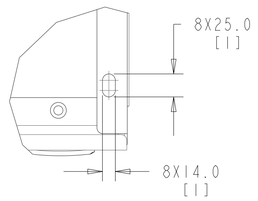
UNLESS OTHERWISE SPECIFIED INTERPRET DIM. & TOL. PER ASME Y14.5M-1994 ALL DIMENSIONS ARE IN MILLIMETERS .X±1.0 .XX±0.50 ∠±1.0	THIRD ANGLE PROJECTION	SCALE 0.180	SIZE A1	MATERIAL FINISH	
— PDM CONTROLLED DRAWING — NOT VALID WITHOUT FROZEN DATE IN ID STAMP				DESCRIPTION	INST,MTG,SERIES6,LHD120,D1,FRAME
CHANGED					
DESIGNED	SK	10/30/14			
CHECKED					
CONFIDENTIAL: PROPERTY OF DANFOSS A/S NORDBORG, DENMARK. NOT TO BE HANDED OVER TO BE COPIED OR BE USED BY A THIRD PARTY. TWO OR THREE DIMENSIONAL REPRODUCTION OF CONTENTS TO BE AUTHORIZED BY DANFOSS A/S.				DRAWING NUMBER MODEL	177R0620 LHD-ASSY-006
				REV SHEET	P1 1 OF 4



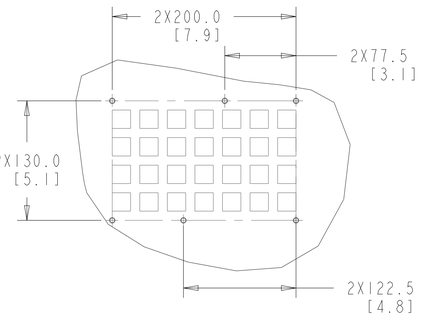


TOP VIEW





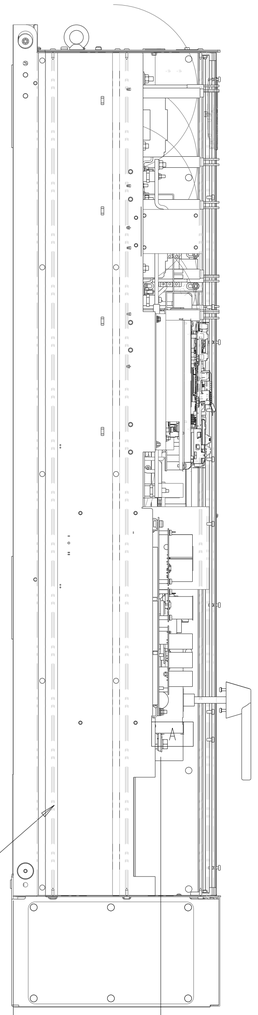
DETAIL A
SCALE 0.300

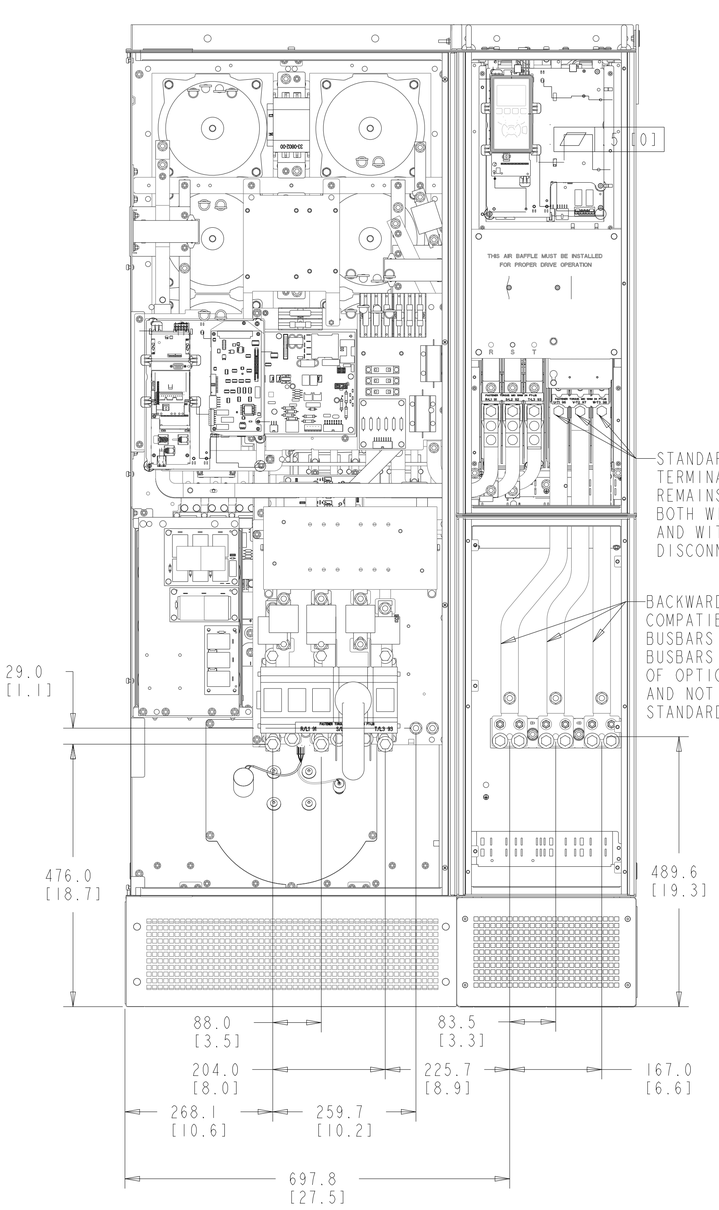


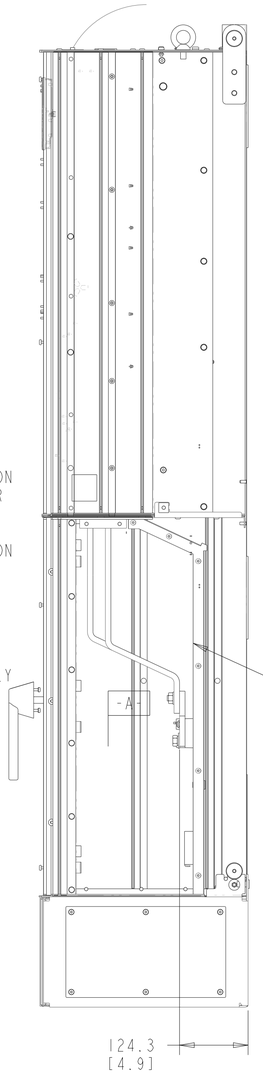
DETAIL B
SCALE 0.300

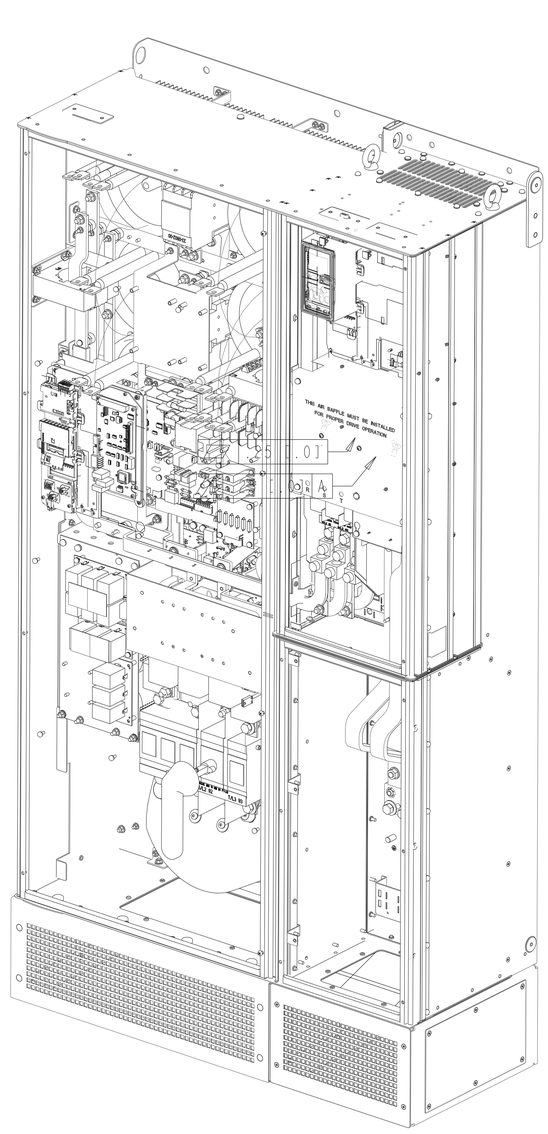
DRAWING NUMBER: 177R0620	REV: P1
MODEL: LHD-ASSY-006	SHEET: 2 OF 4

WITH DISCONNECT



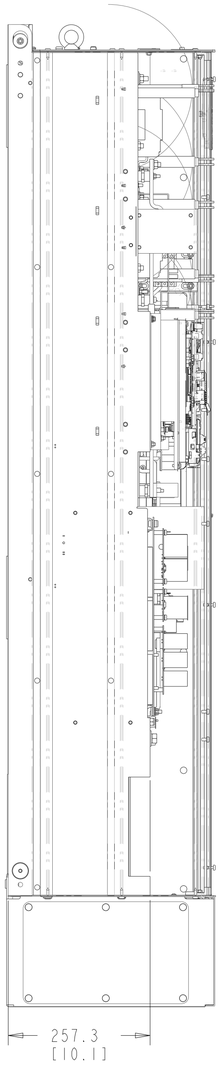






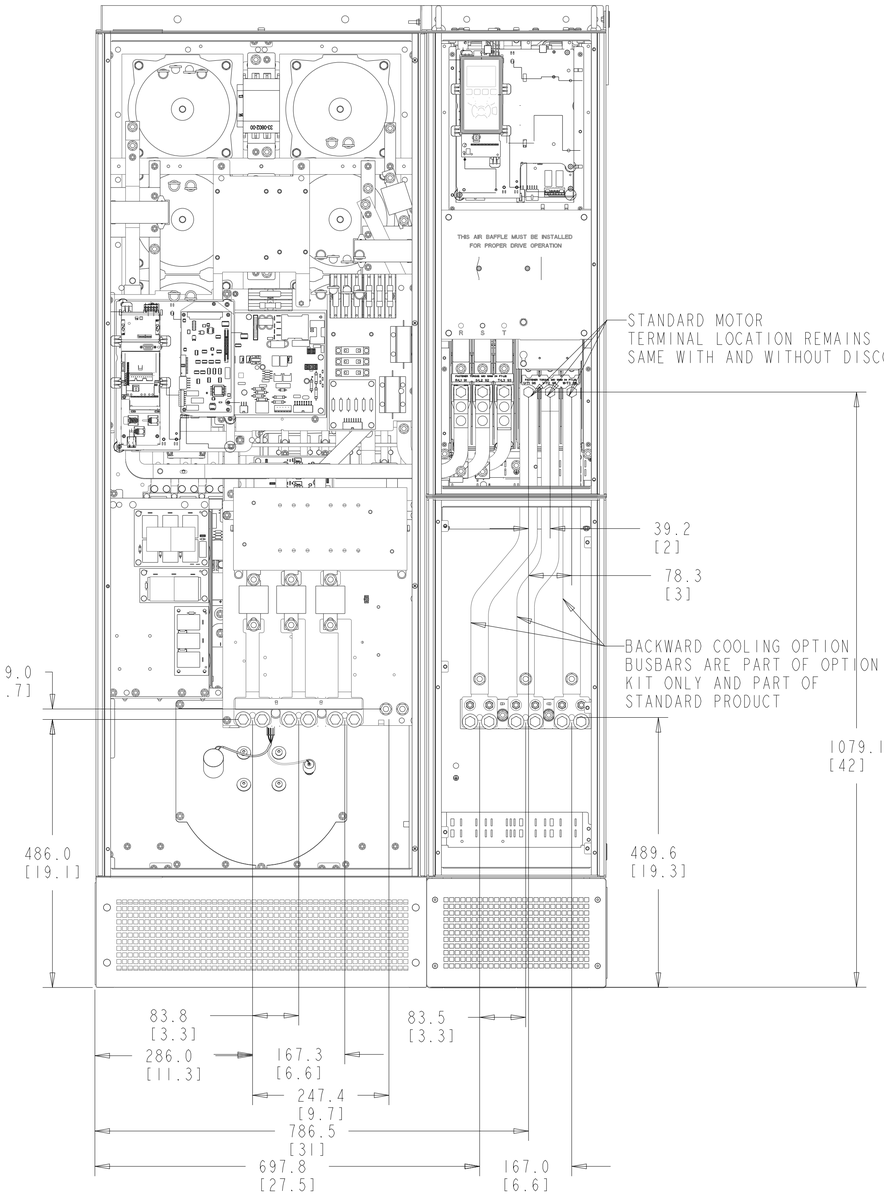
DRAWING NUMBER: 177R0620	REV: P1
MODEL: LHD120_IP54_V1	SHEET: 3 OF 4

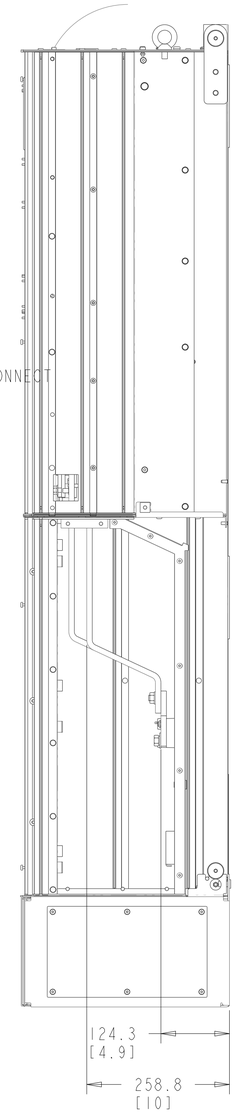
WITHOUT DISCONNECT



DEPTH OF MAINS
INPUT TERMINALS

257.3
[10.1]

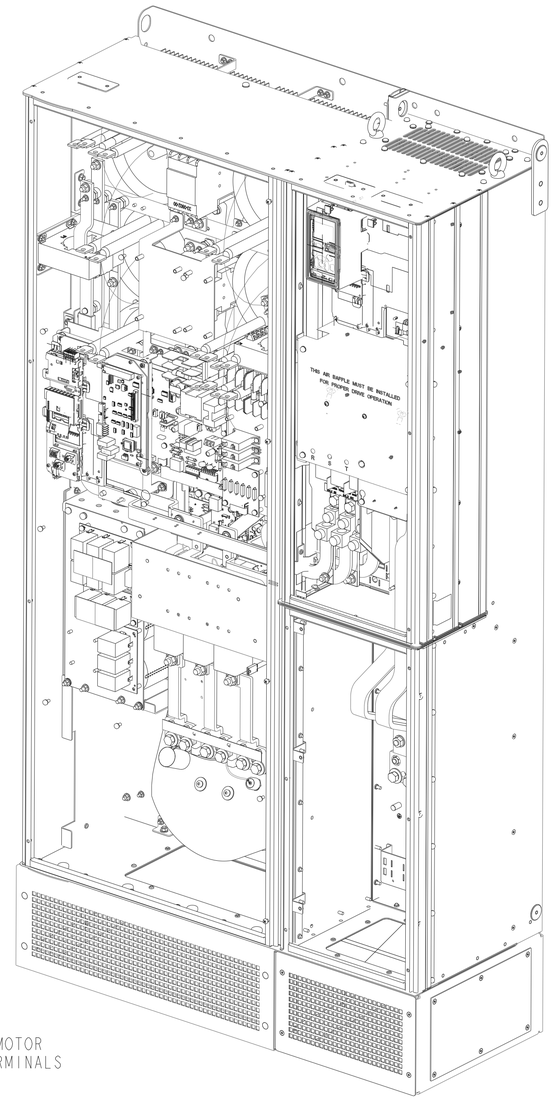


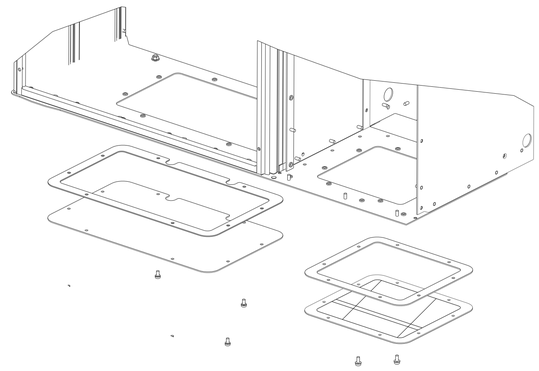


124.3
[4.9]

258.8
[10]

DEPTH OF MOTOR
OUTPUT TERMINALS





NOTES:
COOLING:
1) THE VLT FREQUENCY CONVERTER MUST BE INSTALLED VERTICALLY WITH THE MINIMUM INDICATED FREE SPACE ABOVE THE ENCLOSURE.
2) ALL IP21/UL TYPE NEMA 1 AND IP54/UL TYPE NEMA 12 UNITS MAY BE MOUNTED SIDE BY SIDE WITH NO MINIMUM CLEARANCE.
3) FAILURE TO REINSTALL THE CABINET FLOOR GLAND PLATES WILL HAVE A NEGATIVE INFLUENCE ON THE INTERNAL COOLING CAPACITY OF THE UNIT AND MAY CAUSE TRIP FAULTS.
4) STANDARD COOLING CONFIGURATION IS WITH THE INTAKE THROUGH THE BASE CABLE PLINTH AND EXHAUST OUT THE TOP OF THE ENCLOSURE. THE DOORS ARE ALSO EQUIPPED WITH FANS TO PROVIDE COOLING FOR THE CABINET.

BACK WALL COOLING:
OPTIONAL BACK WALL COOLING CONFIGURATION IS WITH THE INTAKE THROUGH THE LOWER REAR OF THE CABINET. THE EXHAUST IS EITHER OUT THE UPPER REAR FOR THE DRIVE OR OUT THE TOP OF THE ENCLOSURE FOR THE FILTER.

WALL MOUNTING:
THE DRIVE IS NOT INTENDED TO BE WALL MOUNTED. IF THE UNIT IS SECURE TO THE WALL, THE BOTTOM OF THE UNIT MUST BE SUPPORTED BY THE FLOOR USING THE ATTACHED PLINTH OR OTHER FACTORY APPROVED MEANS.

LIFTING
THE DRIVE IS INTENDED TO BE LIFTED USING THE HOLES IN THE SIDES OF THE BACKCHANNEL. THERE ARE THREE HOLES, ONE EACH ON THE OUTSIDE AND ONE AT THE CENTER WHERE THE DRIVE AND FILTER ARE CONNECTED.

RATING:
IP21/ IP54 AND NEMA 1 AND NEMA 12.

DRAWING NUMBER: 177R0620	REV: P1
MODEL: LHD120_IP54_V1	SHEET: 4 OF 4