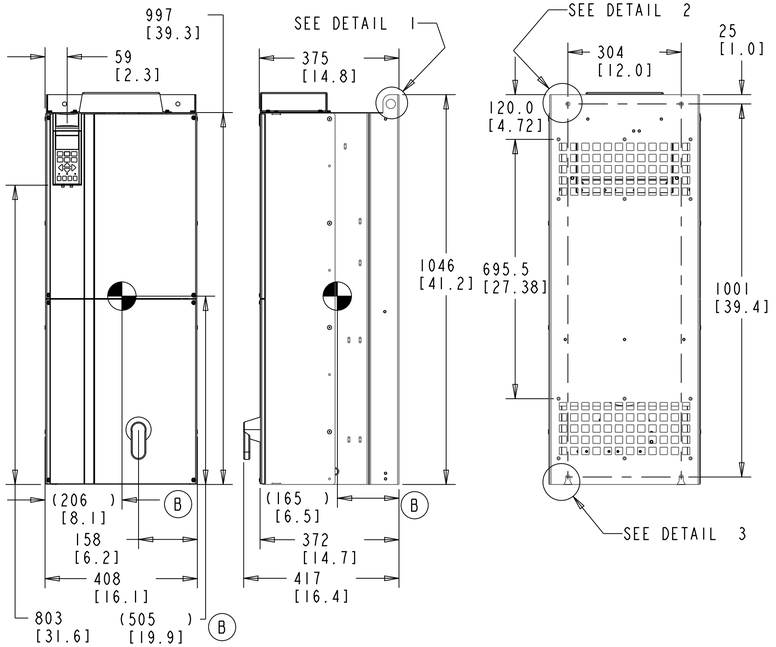
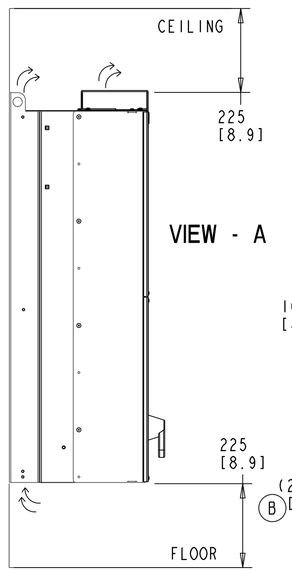
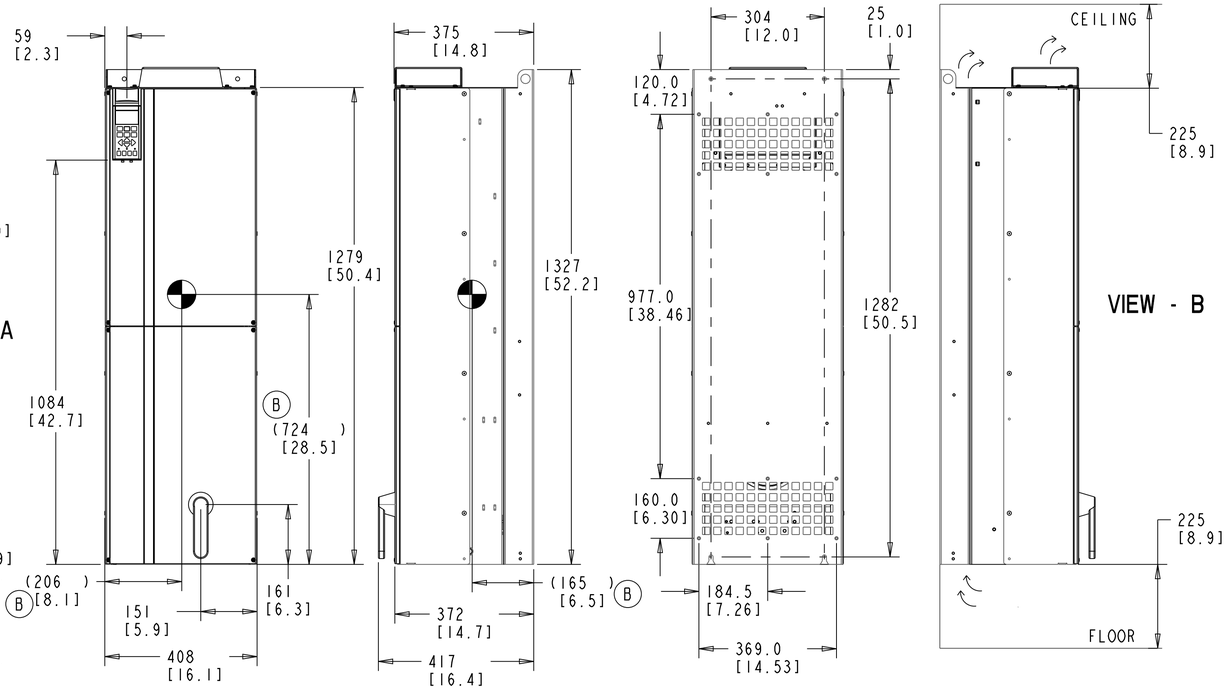
FRAME D3



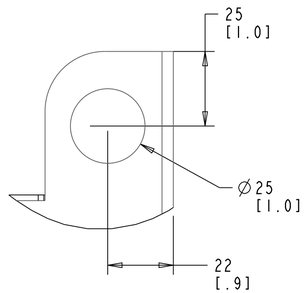
IP00 / CHASSIS



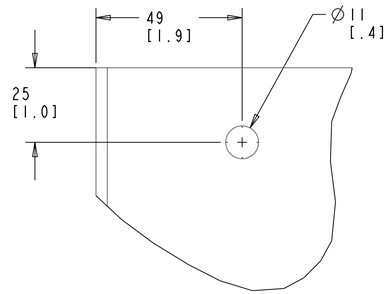
FRAME D4



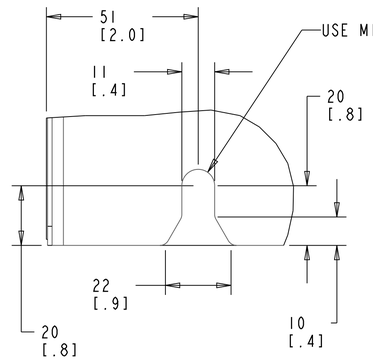
LIFTING EYE AND MOUNTING HOLE DETAILS (IP00/IP21/IP54 - ALL SIZES)



DETAIL 1
LIFTING EYE
SCALE 1.000



DETAIL 2
TOP MOUNTING HOLES
SCALE 1.000



DETAIL 3
BOTTOM MOUNTING HOLE
SCALE 1.000

VLT COOLING:

THE VLT FREQUENCY CONVERTER MUST BE INSTALLED VERTICALLY WITH THE MINIMUM FREE SPACE SHOWN IN. VIEW - A & B. ALL IP00/CHASSIS UNITS MAY BE MOUNTED SIDE BY SIDE, WITH NO MINIMUM CLEARANCE.

VLT FREQUENCY CONVERTER HAS NO REQUIREMENTS FOR REAR OPENINGS TO BE COVERED DURING NORMAL OPERATION.

(B) CENTER OF GRAVITY:
REFERENCE ONLY, CONFIGURATION MAY SHIFT CG IN ALL THREE AXISES.

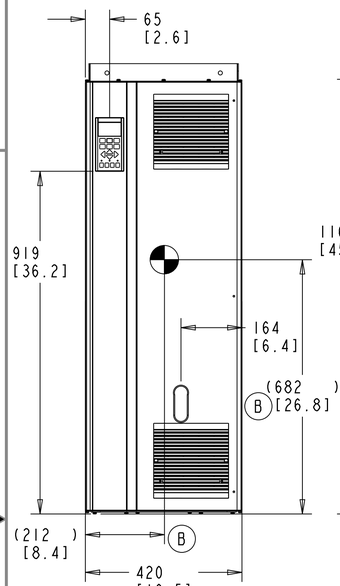
VLT WEIGHTS
(STANDARD INPUT OPTION, NO BRAKE AND NO LOADSHARE)

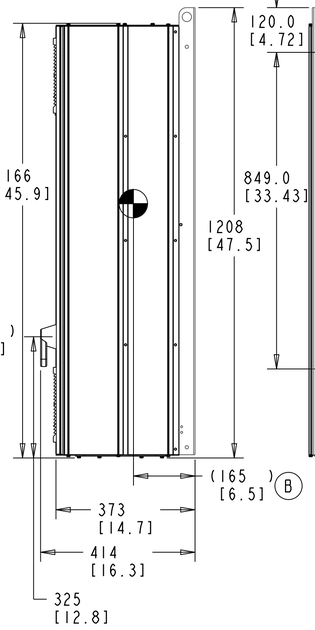
FRAME	IP00/CHASSIS	FRAME	IP21 AND IP54/UL AND NEMA TYPE 1 AND 12
D3	82 kg (181 lbs)	D1	96 kg (212 lbs)
	91 kg (201 lbs)		104 kg (229 lbs)
D4	112 kg (247 lbs)	D2	125 kg (276 lbs)
	123 kg (271 lbs)		136 kg (300 lbs)
	138 kg (304 lbs)		151 kg (333 lbs)
	151 kg (333 lbs)		165 kg (364 lbs)

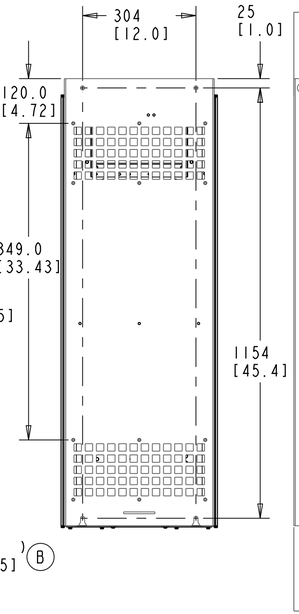
PRO-E ENTRY BY/DATE: KD 10/31/07	CHECKED BY/DATE:	DANFOSS DRIVES 4401 N. BELL SCHOOL RD. LOVES PARK, ILLINOIS 61111 USA (815) 639-8600 FAX (815) 639-8050					
DESIGNED BY/DATE: KD 10/31/07	MFG. APPROVAL BY/DATE:						
APPROVAL:	ENG. APPROVAL BY/DATE:	TITLE: DWG,REF,MTG,INSTRUCTIONS D1-D4					
LATEST E.C.N. NO.: HP09117	E.C.N. PRO-E ENTRY BY/DATE: ML 08/13/09	PLOT SCALE: NONE	PRO-E FILE: 175R5959	SHEET: 1	OF: 3	DRAWING NO.: 175R5959	REV.: B

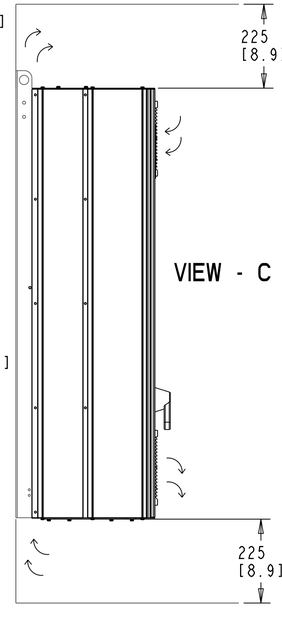
IP21 AND IP54 / UL AND NEMA TYPE 1 AND 12

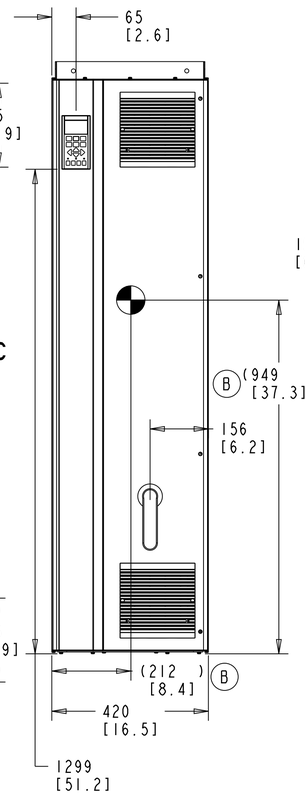
FRAME D1



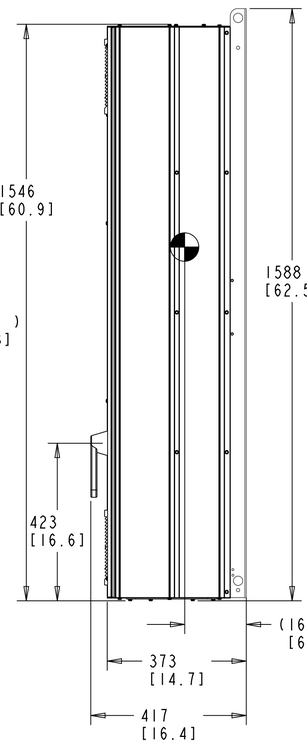


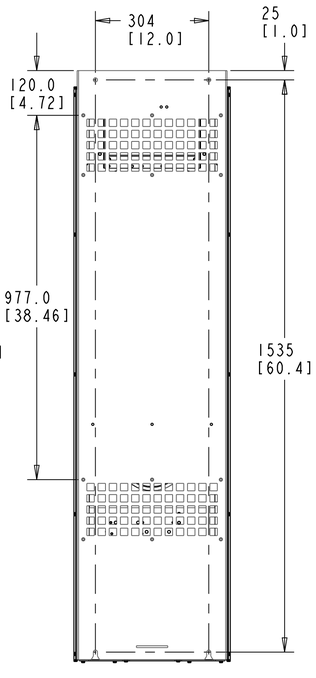


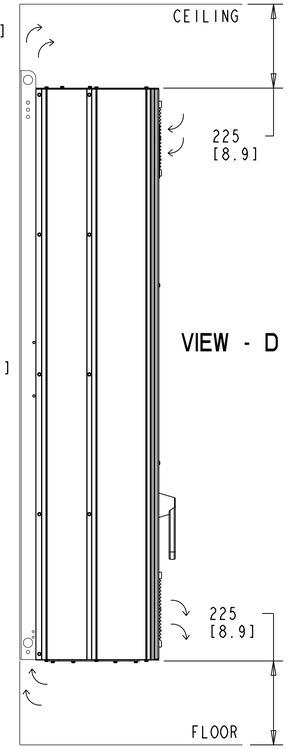


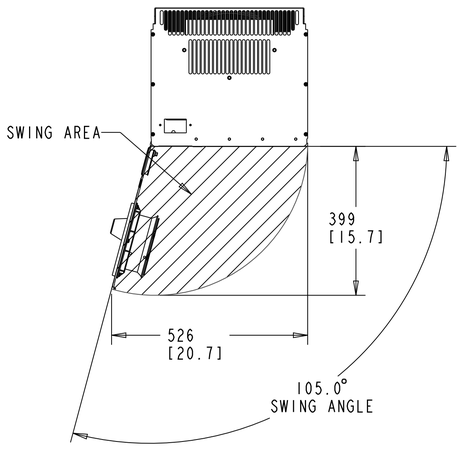


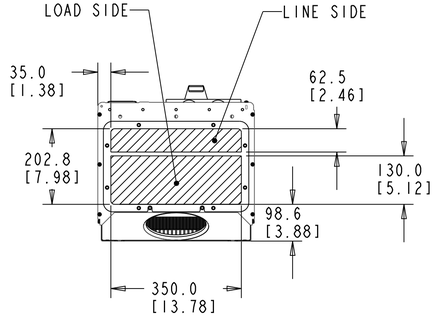
FRAME D2











PLACE CONDUITS IN MARKED AREA.

VLT COOLING:

THE VLT FREQUENCY CONVERTER MUST BE INSTALLED VERTICALLY WITH THE MINIMUM FREE SPACE SHOWN IN. VIEW - C & D. ALL IP21/UL NEMA TYPE 1 AND IP54/UL NEMA TYPE 12 UNITS MAY BE MOUNTED SIDE BY SIDE, WITH NO MINIMUM CLEARANCE.

FAILURE TO REMOUNT GLAND PLATE WILL HAVE A NEGATIVE INFLUENCE ON THE UNITS INTERNAL COOLING CAPACITY AND CAN CAUSE TRIP FAULTS.

(B) CENTER OF GRAVITY:
REFERENCE ONLY, CONFIGURATION MAY SHIFT CG IN ALL THREE AXISES.

LATEST E.C.N. NO.:	E.C.N. PRO-E ENTRY BY/DATE:	PLOT SCALE:	PRO-E FILE:	SHEET:	OF:	DRAWING NO.:	REV.:
HP09117	ML 08/13/09	NONE	175R5959	2	3	175R5959	B

TITLE: DWG,REF,MTG,INSTRUCTIONS D1-D4

kW High Overload	30	37	45	55	75	90	110	132	160	200	250	315
kW Normal Overload	37	45	55	75	90	110	132	160	200	250	315	400
400 V						D1/D3	D1/D3	D2/D4	D2/D4	D2/D4		
500 V							D1/D3	D1/D3	D2/D4	D2/D4	D2/D4	
525 V	D1/D3	D1/D3	D1/D3	D1/D3	D1/D3	D1/D3	D1/D3	D2/D4	D2/D4	D2/D4	D2/D4	
690 V		D1/D3	D1/D3	D1/D3	D1/D3	D1/D3	D1/D3	D1/D3	D2/D4	D2/D4	D2/D4	D2/D4

HP High Overload	40	50	60	75	100	125	150	200	250	300	350
HP Normal Overload	50	60	75	100	125	150	200	250	300	350	400
460V						D1/D3	D1/D3	D2/D4	D2/D4	D2/D4	
575 V 600 V	D1/D3	D1/D3	D1/D3	D1/D3	D1/D3	D1/D3	D1/D3	D2/D4	D2/D4	D2/D4	D2/D4

* LIMITED PRODUCT RANGE. SEE TECHNICAL LITERATURE FOR AVAILABILITY.

THE TABLES ABOVE ARE USED TO DETERMINE FRAME SIZE FOR A GIVEN POWER AND VOLTAGE.
FIRST IDENTIFY THE POWER IN NORMAL OVERLOAD (NO) OR HIGH OVERLOAD (HO), KILOWATTS (kW) OR HORSE POWER (HP).
THEN READ DOWN THE COLUMN TO THE ROW WITH THE CORRECT VOLTAGE TO IDENTIFY THE FRAME SIZE,(I.E. D1 OR D2)

EXAMPLE: 125 HP HO, 600V, IS D1

HP High Overload	40	50	60	75	100	125	150	200	250	300	350
HP Normal Overload	50	60	75	100	125	150	200	250	300	350	400
460V						D1	D1	D2	D2	D2	
575 V 600 V	D1*	D1*	D1*	D1	D1	D1	D1	D2	D2	D2	D2

LATEST E.C.N. NO.:	E.C.N. PRO-E ENTRY BY/DATE:	PLOT SCALE:	PRO-E FILE:	SHEET:	OF:	DRAWING NO.:	REV.:
HP09117	ML 08/13/09	NONE	175R5959	3	3	175R5959	B

TITLE: DWG,REF,MTG,INSTRUCTIONS D1-D4