



1. MAX AIRFLOW (BACKCHANNEL) - 7 M<sup>3</sup> / MIN (250 CFM)
2. MAX AIRFLOW (CABINET) - 1.7 M<sup>3</sup> / MIN (60 CFM)
3. MAX WEIGHT = 62 KG (135 LBS)
4. CENTER OF GRAVITY:  
APPROXIMATE LOCATION ONLY, LOCATION MAY VARY BASED ON POWER RATING AND OPTIONS ORDERED.

INTERPRET DIM. & TOL. PER ASME Y14.5M-1994 ALL DIMENSIONS ARE IN MILLIMETERS TOLERANCES UNLESS OTHERWISE SPECIFIED .X±0.4 .XX±0.2 ≤0.5		THIRD ANGLE PROJECTION	SCALE 0.250	SIZE A2	MATERIAL N/A	
— PDM CONTROLLED DRAWING — NOT VALID WITHOUT FROZEN DATE IN ID STAMP				FINISH N/A		
CHANGED	BC			04/25/19	DESCRIPTION INSTALLATION DRAWING, DIH, IP21/54	
DESIGNED	CCN			06/17/11		
CHECKED			DRAWING NUMBER 177R0374	REV 005		
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.			MODEL P454_DI_PRODUCTION	SHEET 1 OF 3		

Ⓞ CRITICAL CHARACTERISTICS  
 ▽ KEY CHARACTERISTICS  
 ○ INSPECTION  
 MUST COMPLY TO ROHS DIRECTIVE 2011/65/EU



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 DIH FRAMES, THE TABLES BELOW IDENTIFY WHICH DRIVES ARE REPRESENTED BY THIS DRAWING.

**KW RATED DRIVES**

KW HIGH OVERLOAD	45	55	75	90	110	132	160
KW NORMAL OVERLOAD	55	75	90	110	132	160	200
230V	DIH	DIH					
400V				DIH	DIH	DIH	
500V					DIH	DIH	DIH
525V	DIH		DIH	DIH	DIH		
690V		DIH	DIH	DIH	DIH	DIH	

**HORSEPOWER RATED DRIVES**

HP HIGH OVERLOAD	60	75	75	100	125	150	200
HP NORMAL OVERLOAD	75	100	110	125	150	200	250
230V	DIH	DIH					
460V					DIH	DIH	DIH
575V	DIH		DIH	DIH	DIH	DIH	

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

PLATFORM	VOLTAGE	MODEL/TYPECODE	FRAME(IP21/IP54)	
HVAC	005 T2	FC-102N55KT2	DIH	
		FC-102N75KT2		
		FC-102N110T4		
	T4	FC-102N132T4		
		FC-102N160T4		
		FC-102N75KT7		
	T7	FC-102N90KT7		
		FC-102N110T7		
		FC-102N132T7		
		FC-102N160T7		
		005 T2		FC-202N55KT2
				FC-202N75KT2
FC-202N110T4				
T4	FC-202N132T4			
	FC-202N160T4			
	FC-202N75KT7			
T7	FC-202N90KT7			
	FC-202N110T7			
	FC-202N132T7			
	FC-202N160T7			
	005 T2	FC-302N45KT2		
		FC-302N55KT2		
T5	FC-302N90KT5			
	FC-302N110T5			
	FC-302N132T5			
T7	FC-302N55KT7			
	FC-302N75KT7			
	FC-302N90KT7			
	FC-302N110T7			
	FC-302N132T7			