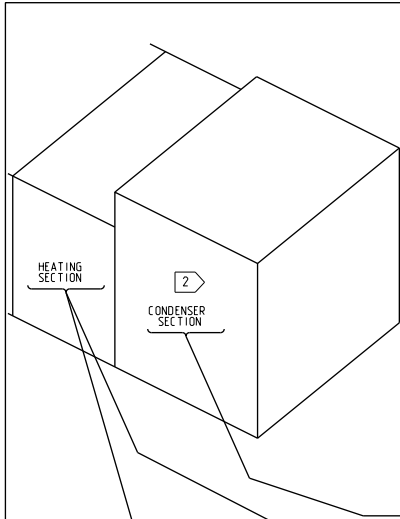




DANFOSS VARIABLE FREQUENCY DRIVE PROGRAMMING PARAMETERS			
MENU	PARAMETER	DESCRIPTION	SETTING
LOAD MOTOR	102	MOTOR POWER	SET ONLY FOR APPLICATIONS USING 3HP HIGH EFFICIENCY MOTORS
	103	MOTOR VOLTAGE	SET ONLY FOR 200/230V 60HZ 200/415 50HZ APPLICATIONS
	105	MOTOR CURRENT	SET BASED ON MOTOR NAMEPLATE
	106	RATED MOTOR SPEED	1800
	114	DC BREAKING CURRENT	0%
REFERENCE LIMITS	201	OUTPUT FREQUENCY LOW LIMIT	22HZ
	206	RAMP UP TIME	30 SECONDS
	207	RAMP UP TIME	30 SECONDS
	215	CURRENT LIMIT	1 X RATED CURRENT
INPUTS OUTPUTS	308	ANALOG INPUT VOLTAGE	REFERENCE
	323	RELAY 1 OUTPUT FUNCTION	NO ALARM
	326	RELAY 2 OUTPUT FUNCTION	RUNNING
APPLICATION FUNCTIONS	400	RESET FUNCTION	AUTOMATIC RESET X 3
	402	FLYING START	ENABLED
	407	SWITCHING FREQUENCY	4.5KHZ
	408	ASFM	ENABLED
	410	FUNCTION AT INPUT PHASE LOSS	AUTODERATE & WARNING
	411	FUNCTION AT DRIVE OVER TEMPERATURE	AUTODERATE & WARNING

FUSE REPLACEMENT TABLE												
CONDENSER FAN FUSE 1F1 THRU 1F6 CLASS RK5	UNIT VOLTAGE	200	230	380	415	460	575					
	TIME DELAY	25A	25A	15A	15A	15A	15A					
CONTROL POWER FUSE												
CONTROL (1T1) TRANSFORMER RATING 1F7 TYPE S		0.25 KVA	0.30 KVA	0.50 KVA	0.75 KVA	1.00 KVA	1.50 KVA					
	20-30 TON	6.25A	6.25A	--	10A	--	--					
	40 TON	15A	20A	--	20A	--	--					
	50-60 TON	--	--	15A	--	20A	--					
	70-130 TON	--	--	--	--	15A	20A					
ELECTRIC HEAT FUSE	4F19 THRU 4F36, 4F46, 47, 48				CLASS K5		60A					
COMPRESSOR PROTECTION FUSE	1F44 & 1F45				TYPE MTH		6A					
TRANSFORMER CIRCUIT FUSE	1F72 THRU 1F74				TYPE FLQ		15A					
STANDARD MOTORS												
OPTIONAL EXHAUST/RETURN FAN CIRCUIT FUSES 20 THRU 130 TON 1F63-1F65 (CLASS "T" FUSES)	UNIT VOLTAGE	FUSE RATING	1.5 HP	3 HP	5 HP	7.5 HP	10 HP	15 HP	20 HP	25 HP	30 HP	40 HP
	200V/60/3	600V	15A	35A	45A	70A	100A	150A	175A	225A	225A	400A
	230V/60/3	600V	15A	25A	45A	70A	80A	125A	150A	200A	225A	350A
	380V/50/3	600V	10A	15A	30A	50A	60A	90A	110A	125A	125A	N/A
	415V/50/3	600V	10A	15A	30A	45A	50A	90A	100A	125A	125A	N/A
	460V/60/3	600V	10A	15A	25A	35A	40A	70A	80A	100A	125A	175A
	575V/60/3	600V	10A	15A	15A	25A	30A	40A	50A	60A	90A	100A
HIGH EFFICIENCY MOTORS												
	UNIT VOLTAGE	FUSE RATING	1.5 HP	3 HP	5 HP	7.5 HP	10 HP	15 HP	20 HP	25 HP	30 HP	40 HP
	200V/60/3	600V	N/A	40A	45A	80A	100A	125A	175A	225A	225A	350A
	230V/60/3	600V	N/A	25A	45A	60A	90A	125A	150A	175A	225A	300A
	460V/60/3	600V	N/A	15A	25A	35A	45A	60A	90A	110A	125A	150A
	575V/60/3	600V	10A	15A	15A	25A	30A	40A	50A	60A	90A	100A
OPTIONAL CONVENIENCE OUTLET FUSE 1F55 AND 1F56 (TIME DELAY TYPE FUSE)	200V/60/3	230V/60/3	380V/50/3	415V/50/3	460V/60/3	575V/60/3						
	12A	10A	N/A	N/A	5A	4A						

CUSTOMER CONNECTION WIRE RANGE					
UNITS WITH MAIN POWER TERMINAL BLOCK (ALL VOLTAGES)			UNITS WITH MAIN POWER DISCONNECT SWITCH (ALL VOLTAGES)		
BLOCK SIZE	WIRE QTY.	CONNECTOR WIRE RANGE	DISCONNECT SIZE	WIRE QTY.	CONNECTOR WIRE RANGE
335 AMP	(1)	#6 - 350 MCM	100 AMP	(1)	#14 - 1/0
760 AMP	(2)	#4 - 500 MCM	250 AMP	(1)	#4 - 350 kcmil
840 AMP	(2)	#2 - 600 MCM	400 AMP	(1) OR (2)	#1 - 600 kcmil OR #1 - 250 kcmil
			600 AMP	(2)	250-500 MCM
			1000 AMP	(3)	3/0 - 500 kcmil

WARNING
HAZARDOUS VOLTAGE!
DISCONNECT ALL ELECTRIC POWER INCLUDING REMOTE DISCONNECTS BEFORE SERVICING.
FAILURE TO DISCONNECT POWER BEFORE SERVICING CAN CAUSE SEVERE PERSONAL INJURY OR DEATH.

AVERTISSEMENT
VOLTAGE HASARDEUX!
DECONNECTEZ TOUTES LES SOURCES ELECTRIQUES INCLUANT LES DISJONCTEURS SITUES A DISTANCE AVANT D'EFFECTUER L'ENTRETIEN.
FAUTE DE DECONNECTER LA SOURCE ELECTRIQUE AVANT D'EFFECTUER L'ENTRETIEN PEUT ENTRAÎNER DES BLESSURES CORPORELLES SEVERES OU LA MORT.

CAUTION
USE COPPER CONDUCTORS ONLY!
UNIT TERMINALS ARE NOT DESIGNED TO ACCEPT OTHER TYPES OF CONDUCTORS.
FAILURE TO DO SO MAY CAUSE DAMAGE TO THE EQUIPMENT.

DEVICE PREFIX LOCATION CODE	
AREA	LOCATION
1	INSIDE UNIT CONTROL BOX
2	CONDENSER SECTION
3	AIR HANDLER SECTION
4	HEATING SECTION
5	EXTERNAL FIELD MOUNTED DEVICE

IMPORTANT!
DO NOT ENERGIZE UNIT UNTIL CHECK-OUT AND START-UP PROCEDURE HAS BEEN COMPLETED.

