



REV.	DESCRIPTION	QTY.	MATL. SPEC'S
1	DIAGRAM SCHEMATIC V-200/300/MAX-20/50 SINGLE TEMP 3PH/1PH 50HZ 12V/24V		
REF.	1E21667		
DRAWING NUMBER	1E21668		
REV.	B		

ITEM	PART NUMBER	REV.	DESCRIPTION	SCALE
1	M.J.Nus	20_Nov_03	DATE	
2	LORENZO G.	02_Feb_04	CHECKED	
3	M.J.Nus	02_Feb_04	APPROVED	
THIS PRINT SUPERSEDES ANY OF EARLIER DATE. DESTROY SAME.				

IDENT.	LEGEND	AREA
CCL1	COMPRESSOR CLUTCH	7,8
CCL2	COMPRESSOR CLUTCH	8,9
CFM1	CONDENSER FAN MOTOR	8,7
DAS	DATA LOGGER	8
DK	DEFROST TEMP. THERM.	11
DSW	DOOR SWITCH	9
EFM1	EVAPORATOR FAN MOTOR	5
EFM2	EVAPORATOR FAN MOTOR	5
HT1	HEATERS 1	9,10
HT2	HEATERS 2	9,10
LIS	LIQUID INJECTION SWITCH	8
LIV	LIQUID INJECTION VALVE	8
LPCO	LOW PRESSURE CUTOUT SWITCH	10
PS1	HOST DEFROST HOT GAS SOLENOID VALVE	10,11
PS5	HEAT PILOT SOLENOID	12
SN	SENSOR	7,8
THPCO	HIGH PRESSURE TRANSDUCER	8,7
TB	TERMINAL BOARD	2

FUSES:	DESCRIPTION	AREA
F2	CONDENSER FAN	8,7
F3	EVAPORATOR FAN 1	4,5
F4	EVAPORATOR FAN 2	5,6
F5	CCL1,CCL2,LIS,LIV, PS1,CMC,PS5	8,7
F6	HT1,HT2	9,10
F20	TRANSFORMER FUSE	sheet 2
F21	GENERAL FUSE	sheet 2

RELAYS:	DESCRIPTION	AREA
RY7	EVAPORATOR FAN 1	4,5
RY8	EVAPORATOR FAN 2	5
RY9	CONDENSER FAN 1	8
RY1	CLUTCH 1, LIS,LIV	7,8
RY2	CLUTCH 2	8
RY3	HT1,HT2	9,10
RY4	PS1	10
RY5	CMC	11
RY6	PS5	12
BATR	BATTERY RELAY	sheet 2
STDR	STANDBY RELAY	sheet 2
C1R	SWITCH RELAY	sheet 2

F20: IN ELECTRIC BOX, NEAR CONTACTOR&OVERLOAD
 F21: NEAR BATTERY, IN TRUCK
 (*F2,F3,F4,F5,F6: IN ELECTRIC PC BOARD

Wire In Cab Box	Capacitor		Resistor		Fuses					
	C1	R1	Power	F20	F21	F20	F30	F40	F50	F60
TXD	68000µF	2K2	12A	5A	40A	15A	15A	15A	20A	10A
9V	40V	1W	24V			10A	10A	10A	10A	7.5A
CHH										
BAT										
O3										
X1										
X4										
HP										
5V										
CHT										
PNK										
BLK										
DL1										
DL2										
CHU										
CHW										
DSW										
CHX										
OLR										
CHV										
DK										
CHB										
RXD										
TXD										
9V										
CH										
GND										

Note (1): LIS, LIV and HT1,HT2 for MAX units.
 Note (2): EF2 will not be connected for MULTITEMPERATURE units.
 Note (3): PS5 only for HEAT OPTION.

REVISIONS	A	5/04/03/20.1.03/MLN
RELEASED	B	10/20/03/20.1.03/MLN
CHANGE VALUE OF F20 (WAS 4A)		

ELECTRONIC SYSTEM:
 UP1 CONTROLLER PLATFORM 1 4-14
 DISPLAY IN CAB BOX 15,16,17