

ATTENZIONE: Tagliare l'alimentazione prima di accedere alle parti elettriche.

ATTENTION: Avant d'accéder aux parties électriques, il faut couper le courant.

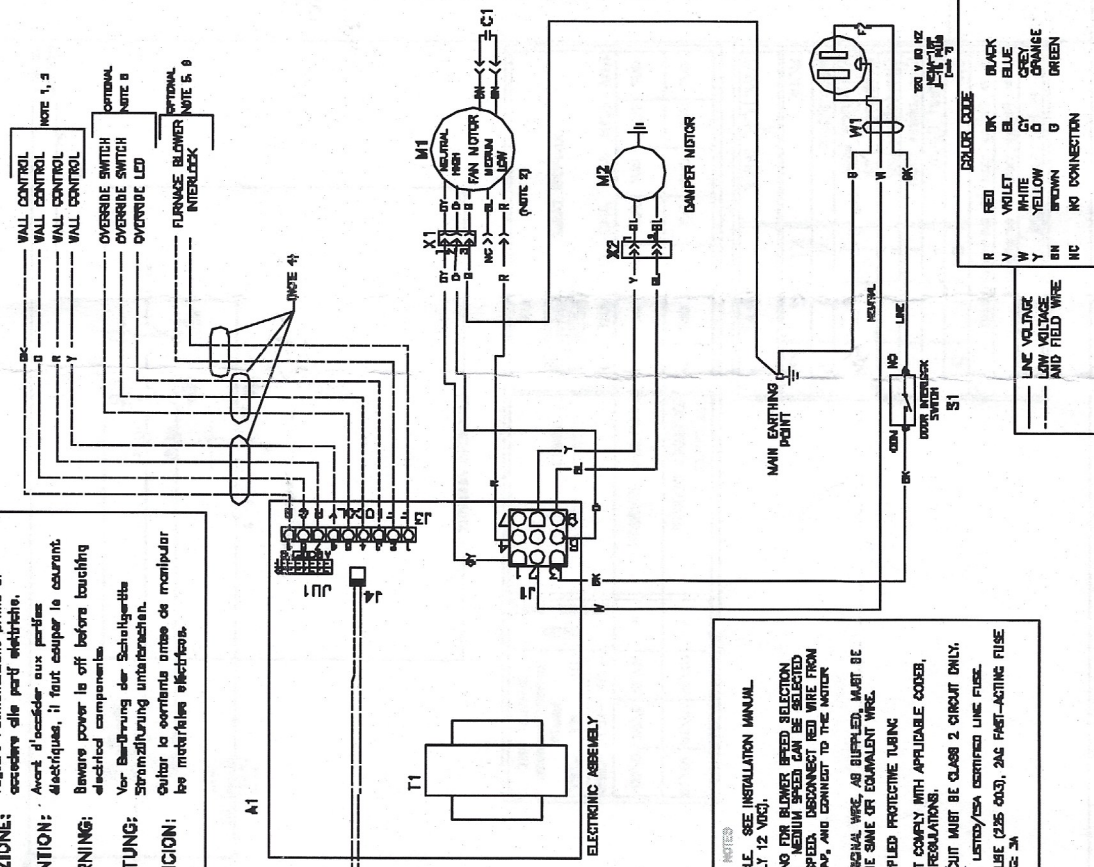
WARNING: Before power is off before touching electrical components.

ACHTUNG: Vor Berührung der Schaltgeräte Stromzuführung unterbrechen.

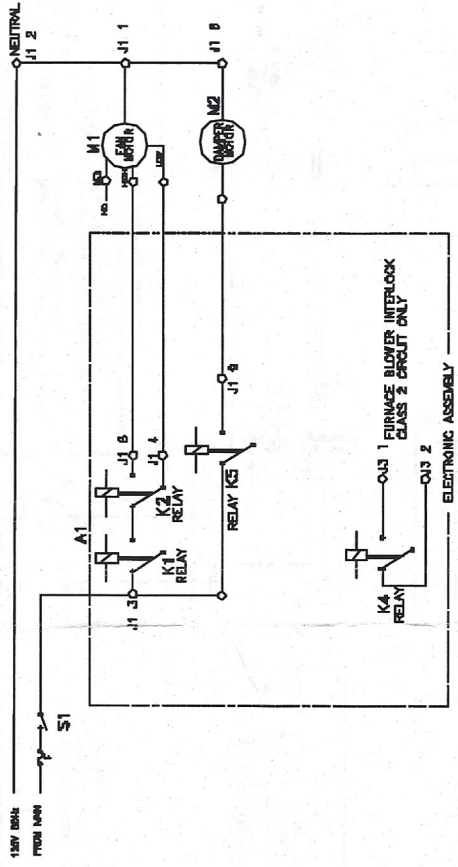
ATENCIÓN: Cuitar la corriente antes de manipular los materiales eléctricos.



CONNECTION DIAGRAM



LOGIC DIAGRAM



JUMPER TABLE		MODEL TYPE		FUNCTION TABLE		DEFROST TIME (average/maximum) MINUTES	
JU1A	JU1B	JU1C	JU1D	JU1E	JU1F	JU1G	JU1H
OUT	OUT	OUT	OUT	IN	OUT	IN	OUT
OUT	OUT	OUT	OUT	IN	OUT	IN	OUT
NO CHANGE	NO CHANGE	NO CHANGE	NO CHANGE	NO CHANGE	NO CHANGE	NO CHANGE	NO CHANGE
1001HRV (438028)	2001HRV (458028)	1001ERV (438008)	2001ERV (458008)	ERV100HC, ERV200HC	EXTENDED DEFROST HRV		
-5°C	-15°C	-30°C					
23F	5F	-22F					
0/32	0/32	0/20					
0/32	0/32	0/20					
10/30	10/20	10/15					

MODE	RELAY				
	K1	K2	K4	K5	
Intermittent	0	0	0	0	
Exchange Low	1	0	1	1	
Exchange High	1	1	1	1	
Circulation low	1	0	1	0	
Circulation high	1	1	1	0	
Defrost Cycle	1	1	1	0	
Off	0	0	0	0	

0 = Relay coil is de-energized
1 = Relay coil is energized
NS = Not supported

- NOTES**
- 1 - CONTROLS AVAILABLE. SEE INSTALLATION MANUAL. (LOW VOLTAGE ONLY 12 VDC).
 - 2 - FACTORY SET WIRING FOR BLOWER SPEED SELECTION IS HIGH AND LOW. MEDIUM SPEED CAN BE SELECTED INSTEAD OF LOW SPEED. DISCONNECT RED WIRE FROM THE MOTOR RED TAP, AND CONNECT TO THE MOTOR BLUE TAP.
 - 3 - IF ANY OF THE ORIGINAL WIRE AS SUPPLIED, MUST BE REPLACED, USE THE SAME OR EQUIVALENT WIRE.
 - 4 - USE FACTORY SUPPLIED PROTECTIVE TUBING, CROWBARRED, AND REGULATIONS.
 - 5 - FIELD WIRING MUST COMPLY WITH APPLICABLE CODES, ORDINANCES, AND REGULATIONS.
 - 6 - FURNACE FAN CIRCUIT MUST BE CLASS 2 CIRCUIT ONLY.
 - 7 - USE SPECIFIED UL LISTED/CSA CERTIFIED LINE FUSE.
- FOR ALL UNITS: INTERLUKE (226 003), 3AL FAST-ACTING FUSE 224/225 SERIES, RATINGS 3A

(18/02/2009)

Wiring Diagram / Schéma électrique

Models / Modèles : 43828, 45828, 43808, 45808, ERV100HC, ERV200HC

918711, 918712, 918713, 918714

918715, 918716, 918717, 918718

Dwg No. 03139

