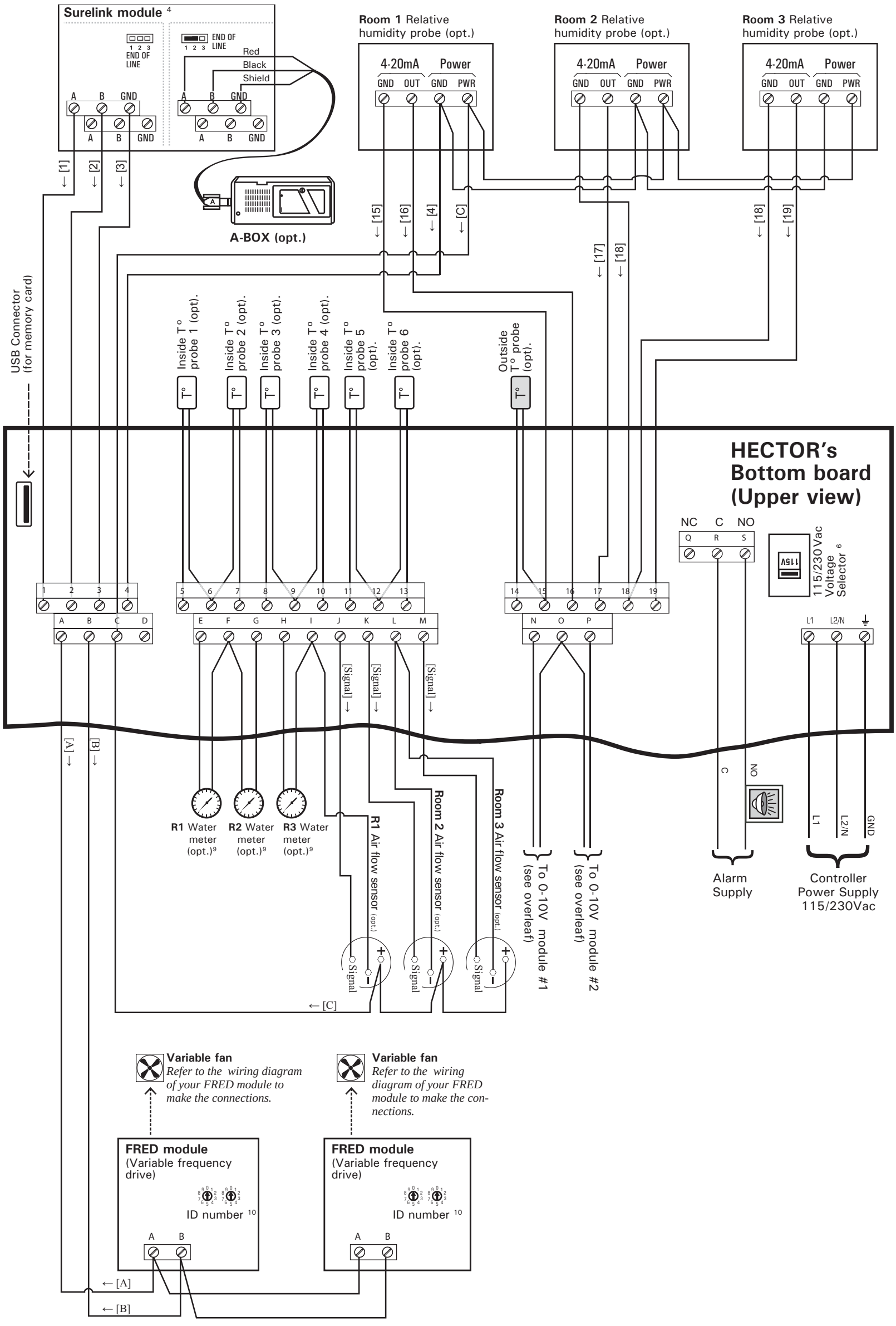


INSTALLATION NOTES:

1. Mounting Instructions: Leave a clearance of at least 16" (400mm) to the left of the controller box to allow the cover to be removed for maintenance.

2. Cable Entry : Punch holes at the bottom of the enclosure to allow wires to be introduced in the controller. Do not drill the top or side panels of the enclosure.

3. Alarm System: Installation of a good quality alarm system is strongly suggested to warn of power failures and high/low temperatures.

4. Surelink Module: Refer to the user's manual of the Surelink module to set the "End of line (EOL)" jumpers properly on this module.

5. Surge Protection: Provide a surge protection (including lightning protection) from the power supply to the controller and from the control to the sensors. Consult a certified electrician if required.

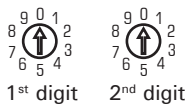
6. Voltage Selection: Set the voltage selector to the proper position : 115 or 230Vac.

7. Extracting a Relay Block: It is possible to remove each block of 2 relays from its electronic board. To do so, move away the 2 nylon branches that are holding the block in place and then lift it out.

8. Low Voltage Wires: All the probes and all devices that are using a 0-10V output of the controller operate at low voltage (temperature probes, humidity probes, water meters, inlets, chimney dampers, heat mats & 0-10V fans). Use 18 to 22 AWG twisted and shielded cable to wire these elements and be sure to install the low voltage cables at least 12 inches (300 mm) away from high voltage cables (120, 230 or 380Vac or 24Vdc). Always cross cross high and low voltage cables at a 90° angle.

9. Water meter: The water meter output should be a dry contact and should not pulse faster than 60 times a second (60Hz). A 22/12 AWG gauge cable no longer than 2000 feet (0.6 km) can be used to connect the water meter. Do not use a cable longer than 2000 feet even if a larger cable is used. Do not run the meter cable outside the building!

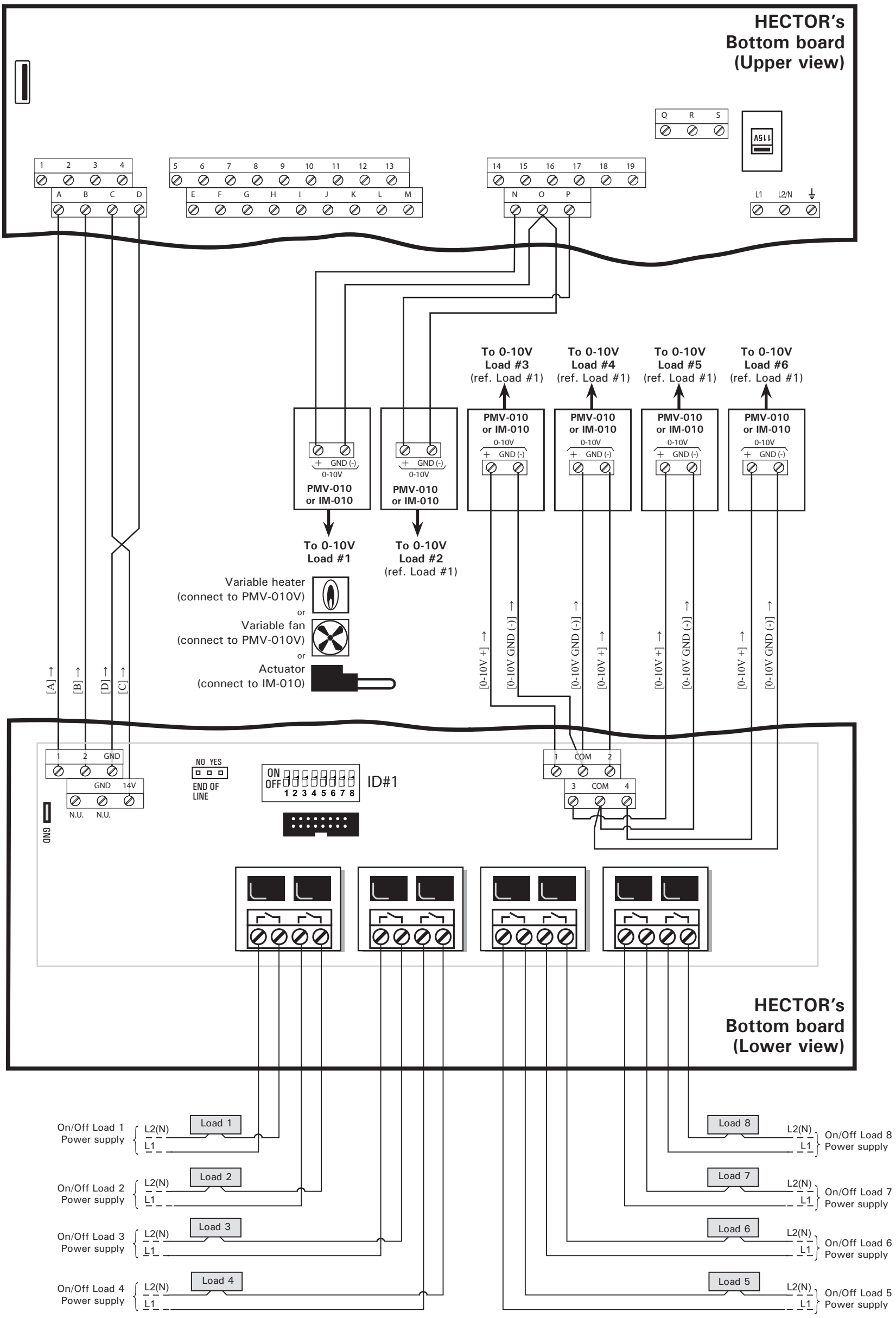
10. Variable Frequency Drive (VFD) Identification Numbers: Give a unique identification number (ID) to each of your VFD modules with the network address rotaries.An ID number is made of 2 digits: use the rotary at the left to set the first digit and use the rotary at the right to set the other digit. Refer to the table below to assign the proper ID number to your VFD module.



Identification Numbers for the VFD Modules

VFD #	ROOM1	ROOM 2	ROOM 3
VFD #1	#11	#21	#31
VFD #2	#12	#22	#32
VFD #3	#13	#23	#33
VDF #4	#14	#24	#34
VDF #5	#15	#25	#35
VDF #6	#16	#26	#36
VDF #7	#17	#27	#37
VDF #8	#18	#28	#38
VDF #9	#19	#29	#39
VDF #10	#20	#30	#40

WIRING DIAGRAM	
HECTOR	
891-00465	Rev.01



INSTALLATION NOTES ...

11. Relays Specifications:

Max voltage:
240Vac, 50/60 Hz; 28Vdc

Max resitive load current:
15A res.

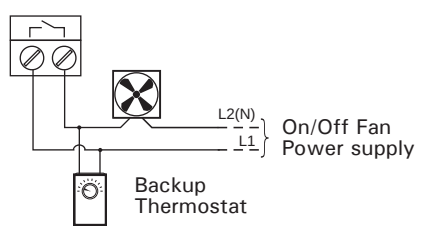
Max motor load:
12FLA, 1 HP (746W) @ 120Vac.
12FLA, 2 HP (1490W) @ 240Vac.

Max Tungsten (light bulb) load:
5A @ 120Vac.

12. Electric Current Sensing Relay (optional): Some relays have the capability of measuring an electrical current. Please contact your dealer if you want to purchase some of these relays. In order to use a current sensing relay, a plugin card must be inserted in the connector designed for that purpose.

13. Backup thermostats: A sufficient number of backup thermostat must be connected to ensure ventilation if the controller loses power.

Backup Thermostat Wiring



WIRING DIAGRAM	
HECTOR	
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