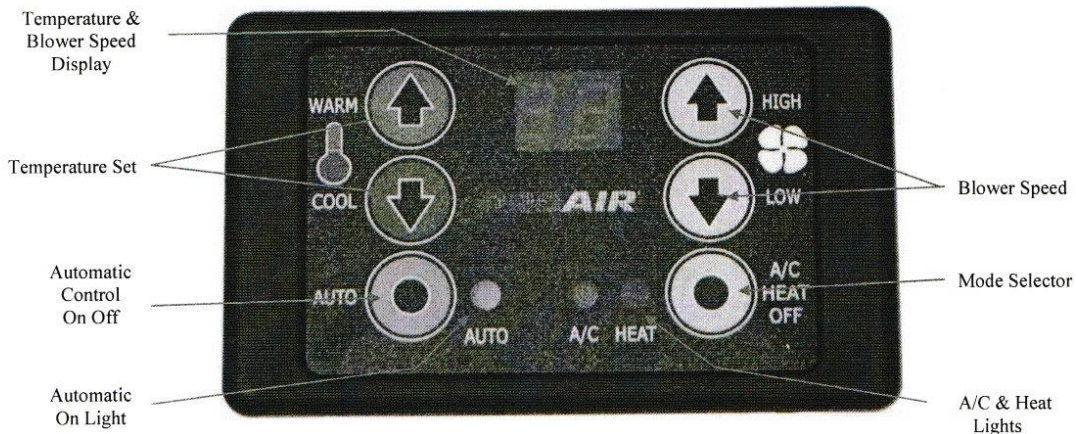


PROAIR®

Mini Digital Thermostat Operation

Part Number, 67 000 106 Three Speed
67 000 107 Seven Speed

Function/Mode	Action
Mode Selector	Push once for A/C, push again for heat and push once more to turn off.
A/C Mode	Display on, reads and displays probe temperature, blower motor operates. Constant signal from A/C relay above set temperature point and signal off below set temperature point. A/C light will be on.
Heat Mode	Display on, reads and displays probe temperature, blower motor operates. Constant signal from heat relay below set temperature point and signal off above set temperature point. Heat light will be on.
Blower Speed	Select desired blower speed by pressing the up or down arrows, display will indicate set speed, F1 to F3 for the three speeds of operation.
Temperature	Temperature can be set by using the up/down buttons to select the desired level between 50°F and 99°F or 10°C and 37°C. Display will show set temperature for two or three seconds then display will show actual temperature. To switch between Fahrenheit and Celsius press both temperature up and down buttons at the same time for three seconds.
Auto Mode	With A/C or heat on press auto to turn on auto 1 or auto 2 temperature control, press once more to shut off. In auto 1 mode temperature is maintained + or - 2° and blower speed is manually set. In auto 2 mode temperature is maintained + or - 2° and blower speed is automatic and cannot be changed. To switch between auto 1 and auto 2 press and hold temperature up button then press and hold auto button for three seconds. Display will show current auto mode (A1 or A2) then switch to the other mode (A2 or A1).
Preset Operations:	Upon cycling of 12vdc supply, the unit will default to previous settings mode and blower speed. All output signals are negative voltage.





Mini Digital Thermostat Installation

Caution: DO NOT CONNECT UNIT LOADS DIRECTLY TO THE CONTROL HEAD ASSEMBLY UNIT FAILURE WILL RESULT. DO NOT MODIFY THE TEMPERATURE PROBE IT IS CALIBRATED TO LENGTH ALTERING IT WILL RESULT IN UNDESIRABLE UNIT OPERATION.

Component Mounting:

Mount the digital control in an easily accessible location Secure to suitable mounting panel with four screws. *CAUTION make sure there is ample clearance for the electronic and wiring components.

Mount the temperature probe in return air supply. For the Digital controller to properly function the end of the probe must be secured directly in the return air path, **The only location approved by ProAir is directly behind the return air grille. For any alternative mounting locations contact ProAir for assistance.**

ProAir suggests the interface module be mounted in the chassis builders' electrical center for ease of service.

Electrical Connections:

The thermostat probe has a two-pin connector, attach to the digital control head by aligning the pins and pressing into place. Do not force the connector.

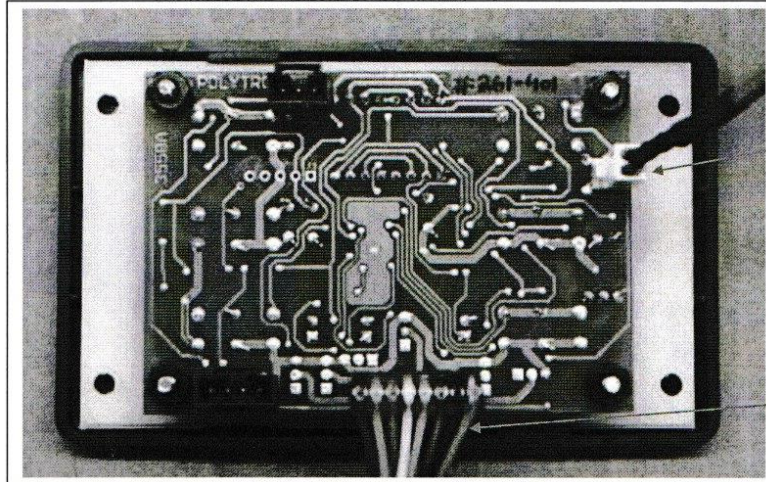
The main harness connects to the digital control head in the same way, Align the pins and press into place.

All connections being made to the interface module will require cutting the main harness to length and stripping the wires ¼". Secure the wires to the module by tightening the screws on the terminal strip. See the Wiring diagram for terminal to wire locations.

Note: If not using the ProAir interface module consult factory for necessary wiring schematics!

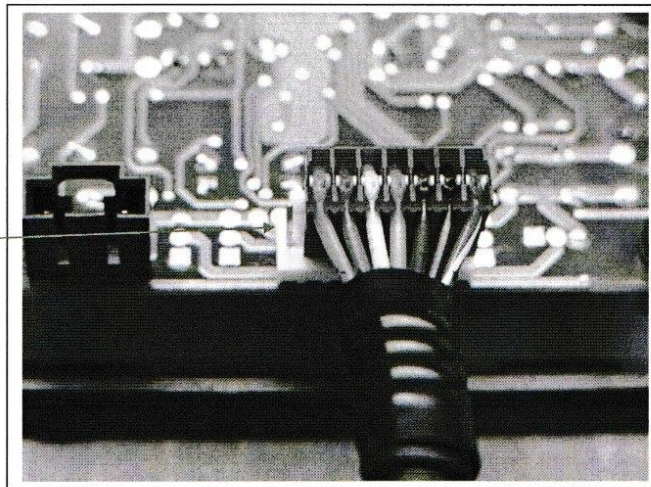
PRODUCT: 67 000 106 Auto Mini Thermostat
RELEASE DATE: 9/17/2013
REVISION DATE: 2/11/2014
PART NUMBER: 09 000 377

PROAIR®

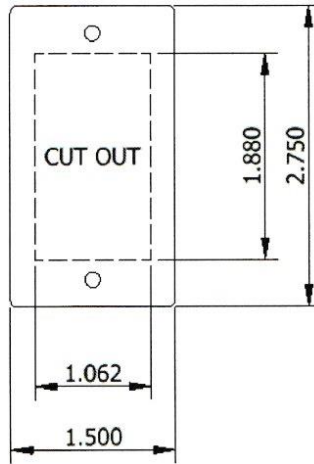
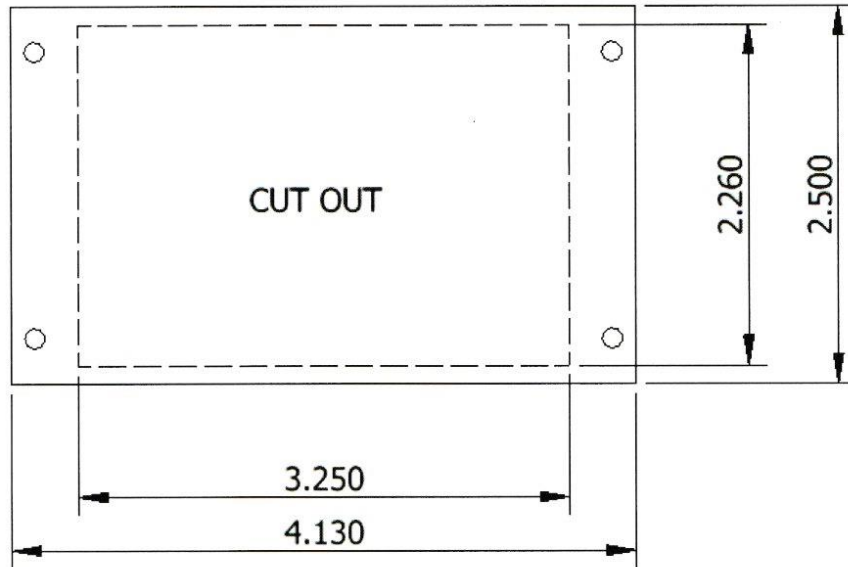


1. Plug probe into thermostat.

2. Plug harness into thermostat.



3. When using thermostat with 7 position connector plug on harness, use the right seven terminals of thermostat leaving the far left terminal exposed.



**Optional Blower Speed
Switch**