

WARMFLOTM

COMFORT MODULE

The affordable solution for:

- *Ventilation, make-up air*
- *Heat exchanger, cool air*
- *Long duct, cool room*
- *Heat pump cold air syndrome*
- *Increasing heat pump acceptance*

APPLICATION

- Make-up air
- Heat booster
- Air source heat pump, total electric, any make, brand, age or type
- Simplified “add to” modules

OPERATION

- No heat needed - **element is off**
- Slight heat required - **element modulates**
- Full heat required - **element full on**



BENEFITS

- Easy installation, packaged design
- Modulates electric element as sensor requires
- Only the required energy is used
- User sets comfort level temperature

Heat Pump

- Toasty warm air from your heat pump
- Reduces roomstat Stage 1 to Stage 2 temperature swing
- Reduces roomstat setting “juggling”
- Increases efficiency, longer HP run cycles
- Minimizes strip heat peak demand
- No special heat pump training required
- Initial cost, approximately 5% of heat pump package price

Heat Booster

- Simple installation
- Cannot overheat elements

Make-Up Air

- Meets 40° inlet air requirement
- Improves heat exchanger performance
- Automatic temperature sensing
- Packaged to fit several types

- *Control box 9" x 5" x 2"*
- *Duct sensor has 6 ft. cable*
- *Simple connection - 24v to turn-on*



WARM AIR TEMPERATURE SELECTION

The unit includes an 8 position dial switch to set the desired outlet sensor temperature. In order to give this 8 position dial switch proper definition and accuracy, when ordering select the temperature range which meets your application.

There are 5 temperature ranges or chip codes available, select from this list.

Available Models

EM-WX0111R - 1,000 watt, 120v plug-in
150 CFM max, 6" round duct section

EM-WC0313H - 2,880 watt, 240v hard-wired
300 CFM max, 8" x 10"d element rack

EM-WC0515H - 4,800 watt, 240v hard-wired
500 CFM max, 8" x 10"d element rack

EM-WC0515L - 4,800 watt, 240v hard-wired
500 CFM max, 8" x 16"d element rack

	<u>Min.</u>		<u>Max.</u>
"Code A"	85	to	150
"Code B"	96	to	124
"Code C"	30	to	72
"Code E"	68	to	96
"Code H"	88	to	102

- Do not waste electric energy by overheating incoming air
- WarmFlo only using the amount of electric energy required to maintain the desired temperature

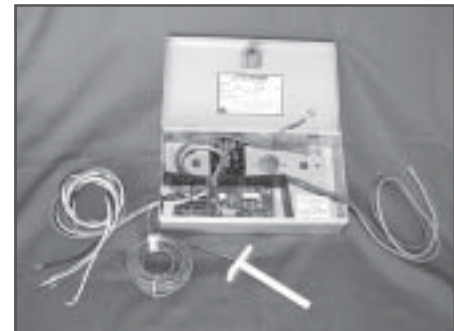
Heat Pump

CONTROLLER WITHOUT THE ELECTRIC ELEMENT

Comfort Module is available as a controller only, use the first 5 kW strip heat section of any manufacturer's heat pump. This is sometimes preferred by HVAC dealers/technicians because the added electrical service line is not required.

However, when using the controller only, the installer must have very thorough and complete knowledge of the heat pump. This technique involves wiring changes to the strip heat 240-volt sequencer and interfacing four control wires. Installed correctly this option provides the identical features and benefits outlined above.

WF-CM1 - Controller only as shown.



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