

THERMO-X-AIR™

Mini Fresh Air Make-up



- Compact size
- Washable filter
- Modulated heat
- Provides up to 90 CFM of tempered fresh air
- Unit is reversable to change the direction of airflow
- Three function push button room controller with pilot lights

Today's airtight homes and offices beg for fresh air. When we trap the heat, excess humidity and indoor pollutants such as cleaning products, smoking and pets, will negatively affect the quality of the air we breathe, making our environment both uncomfortable and unhealthy.

In new construction the ventilation code requires the installation of a system to provide adequate fresh air. During winter, the incoming fresh air is at too low a temperature to be comfortable and requires preheating. It is more economical to preheat the incoming air at a specific, controlled source than requiring the central system to continually compensate for heat loss.

When the fresh air required is 90 CFM or less the new **THERMO-X-AIR** mini fresh air make-up offers the optimum solution at the lowest total cost. The **THERMO-X-AIR** mini fresh air make-up is designed to complement your heating system by pre-heating this fresh air at the lowest cost, thus continuously providing comfortable ventilation throughout the house.

Equipped with the most advanced modulating controller and air sensor, the **THERMO-X-AIR** mini fresh air make-up uses the minimum amount of energy required to meet your needs. The air flow sensor detects the amount of air flowing through the unit and modulates the heating capacity accordingly, maximizing savings.

The **THERMO-X-AIR** system is a quality product engineered for peak performance and long life.

**Built in
Damper
Optional**

PATENT
PENDING

THERMO-X-AIR™

FEATURES AND SPECIFICATIONS

Built-in Electronic Temperature Controller and Sensor

Proportionally modulates the heating load to match the exact capacity required, thus minimizing operating cost.

Manual Reset Thermal Cut-out

Additional safety feature which prevents the frame from overheating.

Fan Speed Control

To adjust the air volume.

Enclosure

Corrosion resistant galvanized steel.

Open Coil Elements

Made of the highest grade nickel-chrome resistance wire, they will not age or oxidize, thus assuring longer heater life.

Round Collars

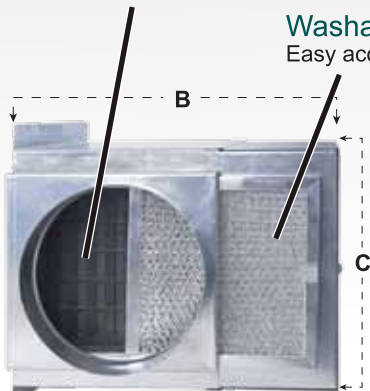
Simplifies the installation and considerably reduces field labor.

Damper (optional)

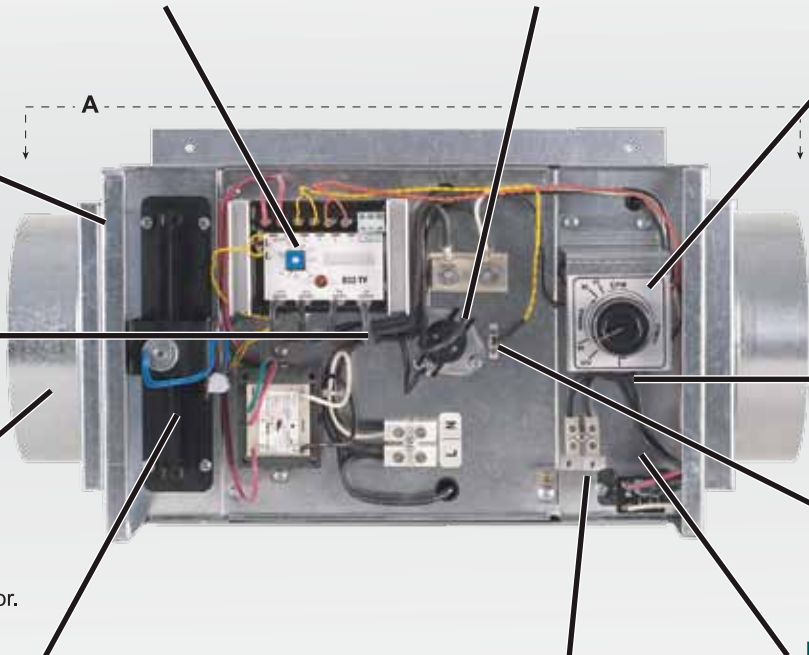
Automatically opens when heater is in operation.

Washable Filter

Easy access filter.



DIA	A	B	C
6"	18.50"	11.25"	8.00"



Automatic Reset Thermal Cut-out

Safety feature preventing overheating; will reset automatically after cool-off.

Temperature Sensor

Controls the heater proportionally to maintain the pre-set air temperature in the duct.

Air Flow Sensor

Modulates the heating capacity according to the quantity of air flowing through the heater.

Fan

High quality tube axial fan with ball bearings for lowest noise and longest life.

Connection for Exhaust Fan Supplied

120VAC up to 3 amps. max. output to drive simultaneously an exhaust fan when required.

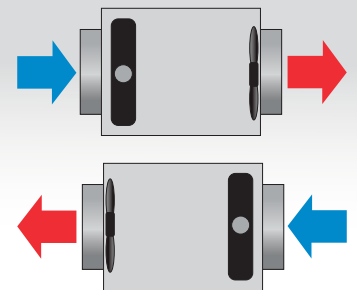


One Touch Room Controller

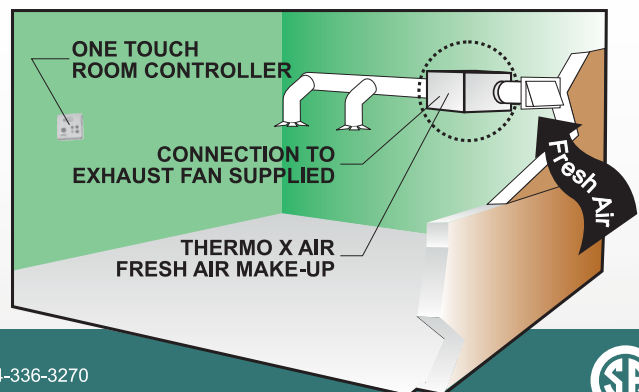
Allows full or intermittent ventilation. Pilot lights indicate the selected mode.

Reversible Airflow

There is no need to modify the fan or any wiring to reverse the airflow, simply rotate the unit 180°. This is possible due to the automatic thermal cutouts located on both the top and bottom of the **THERMO-X-AIR**. Not suitable for vertical airflow.



TYPICAL APPLICATION OF THERMO-X-AIR



Model	Collar size	KW	Voltage	Amps	CFM
FER-6-1.5-120(D*)	6	1.5	120/1	12.5	45
FER-6-1.5-240(D*)	6	1.5	120/240/1	6.25	45
FER-6-2-240(D*)	6	2	120/240/1	8.3	60
FER-6-3-240(D*)	6	3	120/240/1	12.5	90

* Models with a 'D' include the damper
Other capacities and voltages available.

