

# HV1000

## The Original Whole House Cooler



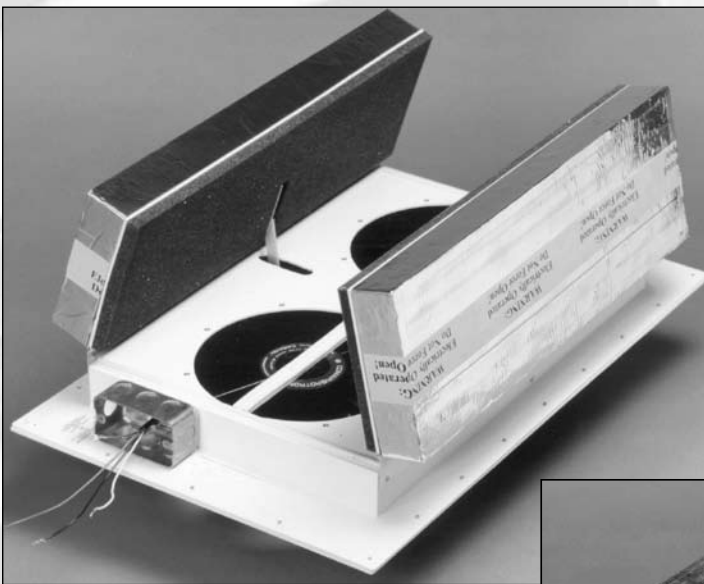
TM

Tamarack Technologies, Inc.

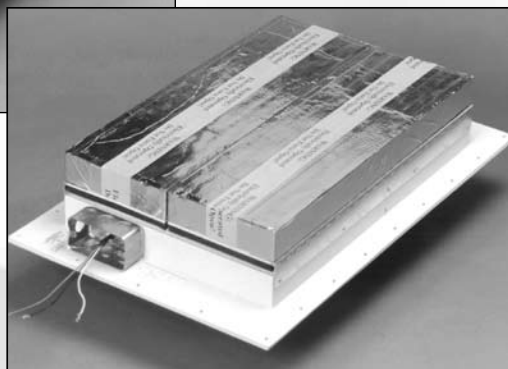
The *HV1000* is an innovative design in whole house cooling. The system is engineered to quietly and efficiently reduce the indoor temperature of your home. The indoor temperature is often higher than the outdoor temperature, particularly in the evening. By pulling heat out of your home, cooler outside air is drawn in. The heated air is then pushed out through the attic vents. The *HV1000*, mounted in the attic, can effectively change all the air in a 2500 square foot house in approximately 20 minutes.

The *HV1000* utilizes our most efficient fan motors to minimize noise and power consumption. Our system has the industry's only automatic motorized dual door assembly, providing an air tight seal with insulating value of R-22. The *HV1000 model DB* doors have an insulation value of R-38.

The *HV1000* is designed for quick and easy installation. The fan housing will fit either 16 or 24 inch-on-center joists with no joist cutting. The grille attaches to the ceiling below for a clean finished look from the living space. The electrical connections are done from the top of the fan housing for easy access. The *HV1000* requires no maintenance and carries a three year limited warranty.



- Quiet
- Energy Efficient
- Easy Installation
- No Maintenance
- Positive Insulating Seal
- Three Year Limited Warranty
- UL Listed
- Assembled in the USA



*“Ventilation for Life”*

# HV1000 and HV1000-DB

## SPECIFICATIONS

### Power Requirements

Voltage ..... 115 VAC 60 Hz  
 Power ..... 112 Watts

Air Flow @ System Static Pressure..... 1000 CFM

### Insulation Value of Closed Doors

HV1000 ..... R22  
 HV1000-DB ..... R38

### Weights

Whole House Cooler..... 17 Lbs  
 Shipping..... 32 Lbs

### Rough Opening

Fan Housing and Grille ..... 14-1/2" x 22-1/2"

### Interior Grille

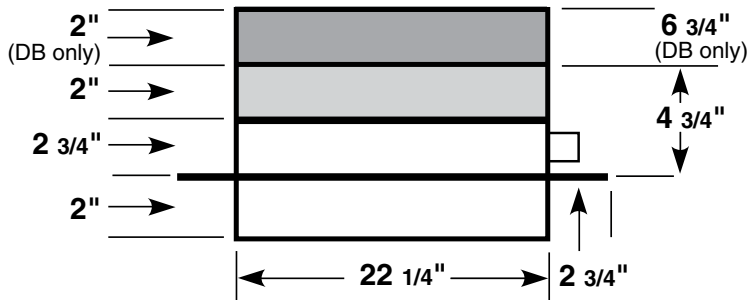
Dimensions ..... 15-3/4" x 25-3/4"  
 Material ..... Metal  
 Color ..... White

### Operation

Door Cycle Time (Open-Close) ..... 30 Seconds

### Ventilation Requirement

Two square feet of net free exhaust vent area from the attic is required.

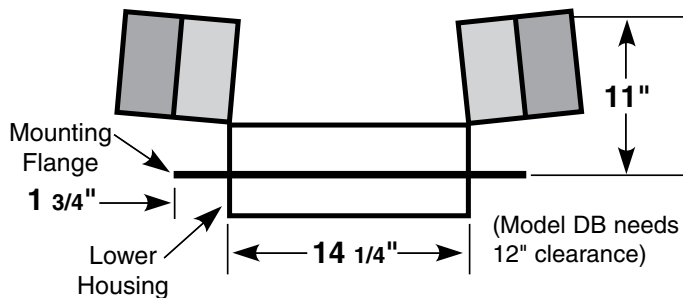


### HV1000

#### Installation Guidelines

Refer to Product Manual for Detailed Instructions

1. Verify that you have 2 square feet of net free exhaust vent area. This can be a combination of roof, ridge, soffit and gable end venting.
2. Choose the best location for the HV1000. Above a central hallway or at the top of a stairwell provide the best air flow. The HV1000 could also be mounted in a sidewall that is common to the attic. Remove any insulation in that area.
3. Set the HV1000 on the attic floor joists. Mark the ends of the lower housing on the floor joists and set the HV1000 aside. Transfer your marks to the sheetrock.
4. Block between the joists to form a 14-1/2" x 22-1/2" inside dimension rectangle.
5. Cut through and remove the sheetrock.
6. Place the gasket material (supplied) on top of the joists where the HV1000 will sit and set the HV1000 in place.
7. Wire the HV1000 as directed in the HV1000 Product Manual.



### Wiring the HV1000

Green (Ground)  
 White ( Neutral)  
 Red ( Constant 120 VAC)  
 Black ( Switched 120 Vac)

Wireless Remote Kit is also available



P/N HV1000.2



### Tamarack Technologies, Inc.

320 Main Street  
 Buzzards Bay, Massachusetts 02532  
 Telephone: 508-759-4660 / 800-222-5932  
 Fax: 508-759-6001  
 Email: sales@tamtech.com • www.tamtech.com

*Distributed by:*