

HV1600 - Gold Remote™

Model HV1600-GR and HV1600-GDR Whole House Coolers



TM

Tamarack Technologies, Inc.

The *HV1600-GR* is a powerful, two-speed whole house cooler. 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 *HV1600-GR*, mounted in the attic, can effectively and efficiently change all the air in a 3000 square foot house in 20 minutes.

The *HV1600-GR* utilizes efficient two speed 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 *HV1600-GDR* doors have an insulation value of R-38. The system includes a radio frequency remote control to manage both the on/off and hi speed/low speed functions.

The *HV1600-GR* 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 system simply plugs into an outlet, although hard wire connections for wall mounted switches are provided. The *HV1600-GR* 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
- Made in the USA



“Ventilation for Life”

HV1600-GR and HV1600-GDR

S P E C I F I C A T I O N S

Power Requirements

Voltage 115 VAC 60 Hz
 Power (High Speed, 2 Fans @ 138 Watts ea)....276 Watts
 (Low Speed, 2 Fans @ 138 Watts ea).....276 Watts
 (Lift Motors 2 @ 3 Watts)6 Watts

Air Flow @ System Static Pressure

High Speed..... 1600 CFM
 Low Speed..... 900 CFM

Insulation Value of Closed Doors

HV1600-GR R22
 HV1600-GDR R38

Weights

Whole House Cooler..... 23 Lbs
 Shipping..... 35 Lbs

Rough Opening

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

Interior Grille

Color White

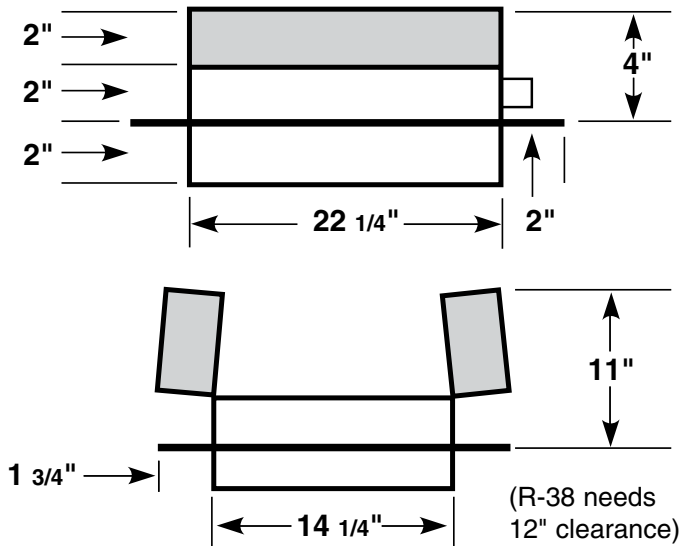
Operation

Door Cycle Time (Open-Close) 30 Seconds

HV1600

Installation Guidelines & Helpful Hints

Refer to Product Installation Guide
 for Detailed Instructions



1. Choose the best location for the HV1600. A central hallway or at the top of a stairwell provide the best air flow. Remove any insulation in that area.
2. Check that you have 3-1/2 square feet of net free exhaust vent area. This can be a combination of roof, ridge, soffit and gable end venting.
3. Set the HV1600 on the attic floor joists. Mark the ends of the lower housing (not the mounting flange) on the ceiling joists and set the HV1600 aside. Transfer your marks to the sheetrock.
4. Block the open ends to form a 14-1/2 x 22-1/2 inside dimension rectangle.
5. Cut through the sheetrock and remove.
6. Place the gasket material (supplied) on top of the joist where the HV1600 will sit and set it in place.
7. Plug the HV1600 into a continuously live electrical outlet.



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