



## TECHNICAL SPECIFICATIONS



**Heat Recovery Ventilator (HRV)**

- **STANDARD 5 YEAR PARTS LIMITED WARRANTY**
- When installed and registered with a complete Maytag system, this product carries a 12 Year All Parts Warranty.
- Product registration (by consumer or dealer) required for 12-year Warranty within a limited period of time after the installation. See current warranty document for details. This can be viewed at [www.maytagvac.com](http://www.maytagvac.com) or ask your sales representative.

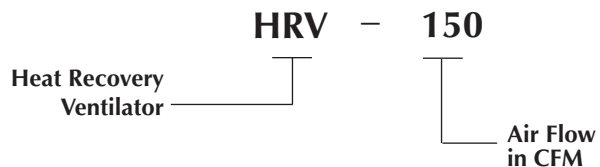


The **Maytag Heat Recovery Ventilator** is an air-to-air heat exchanger designed to exhaust stale air and supply fresh air to the conditioned space. It recovers sensible heat from the exhaust air and transfers this heat to the supply air. The HRV is especially suited for homes with excess humidity during the heating season, and is available in 150 CFM and 210 CFM sizes. The Maytag HRV is recognized for unsurpassed quality and superior craftsmanship. It is guaranteed to satisfy the homeowner looking for durability, reliability and performance.

### Standard Features

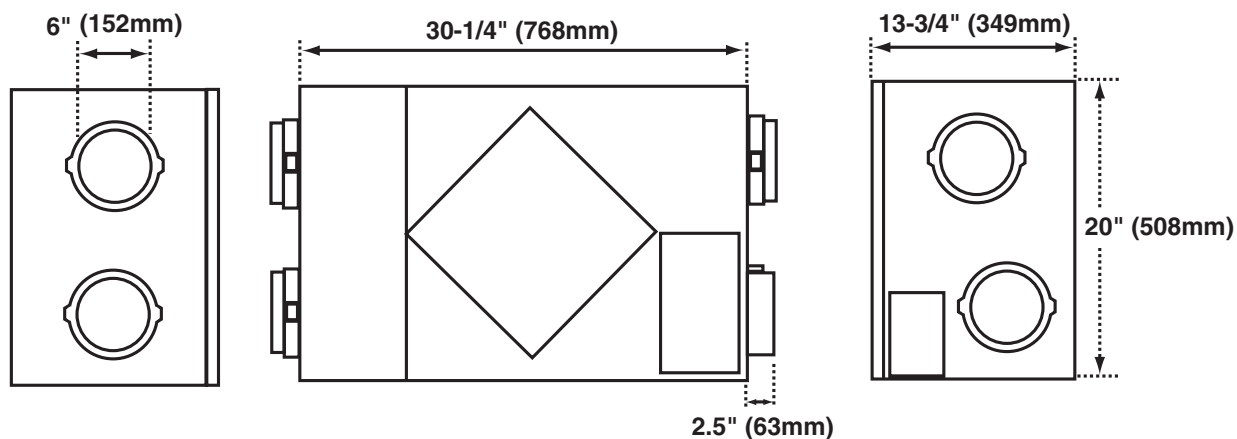
- Exclusive convertible core from an HRV to an ERV.
- Integrated Balancing Dampers.
- All parts removable in 5 minutes.
- Defrost failure protection system designed to protect against damper malfunction
- Reinforced 20 Ga. pre-painted steel cabinet.
- Improved sliding system for core insertion
- Deeper one piece condensation tray to prevent water leakage.
- Aluminum framed foam filter.
- 1 inch fiberglass insulation.
- External electrical access on side panel.
- Polypropylen core material.
- UL/CUL listed.
- HVI Certified.

## MODEL IDENTIFICATION

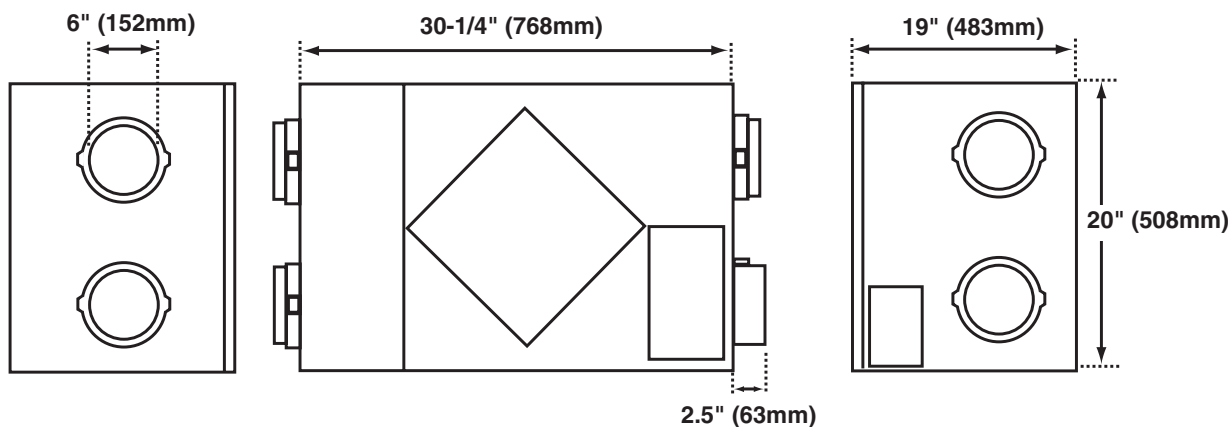


## DIMENSIONS

### HRV-150

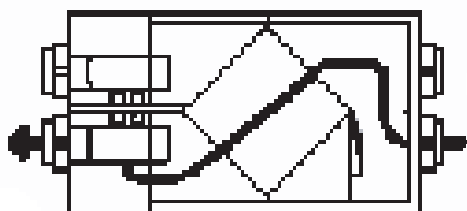


### HRV-210



### No Negative Pressure Defrost

Defrost system ensures that no negative pressure is created by air exhausted to outside. Ambient air is recirculated into the house.



| Outside Temperature |                  | Defrost Cycle<br>Defrosting Min/<br>Operating Min. |
|---------------------|------------------|--|
| °C                  | (°F)             |  |
| Warmer than -5°C    | Warmer than 23°F | No defrost   |
| -5 to -30           | 23 to -22        | 6/32   |
| -30 & colder        | -22 & colder     | 6/20   |

## SPECIFICATIONS

| Specifications and Ratings        | HRV-150  | HRV-210   |
|-----------------------------------|--|---|
| Assembled Weight with Core:       | 65 lbs   | 73 lbs  |
| Supply Air Duct Connection:       | 6" diameter  | 6" diameter   |
| Exhaust Air Duct Connection:      | 6" diameter  | 6" diameter   |
| Drains:                           | 1/2" fittings  | 1/2" fittings   |
| Filter (size):                    | 30 ppi washable reticulated foam 11.75"x12.87"x0.75"                         | 30 ppi washable reticulated foam 11.75"x16.75"x0.75"                        |
| Cabinet:                          | 20 Ga. Pre-painted steel   | 20 Ga. Pre-painted steel  |
| Insulation:                       | 1.00" aluminum foiled faced fiberglass and EPS (Expended Polystyren)         | 1.00" aluminum foiled faced fiberglass and EPS (Expended Polystyren)        |
| Mounting:                         | Chain and hardware provided to suspend unit                                  | Chain and hardware provided to suspend unit                                 |
| Supply and Exhaust Blower Motors: | 120V/60Hz/1Ph<br>1/12 HP<br>RPM: 1660/1300/1050<br>sleeved bearings PSC Type | 120V/60Hz/1Ph<br>1/7 HP<br>RPM: 1660/1300/1050<br>sleeved bearings PSC Type |
| Recovery Core Surface Area:       | 120 sqft   | 166 sqft  |
| Recovery Core Material:           | Polypropylene  | Polypropylene   |

## ELECTRICAL DATA

| Models  | Voltage/Hertz/Phase | Maximum Fuse Size (Amp)<br>Branch Circuit | Control Circuit<br>Voltage | NORDYNE<br>Part Number |
|---------|---------------------|---|----------------------------|------------------------|
| HRV-150 | 120/60/1            | 15A                                       | 5V DC                      | 918711                 |
| HRV-210 | 120/60/1            | 15A                                       | 5V DC                      | 918712                 |

## ACCESSORIES

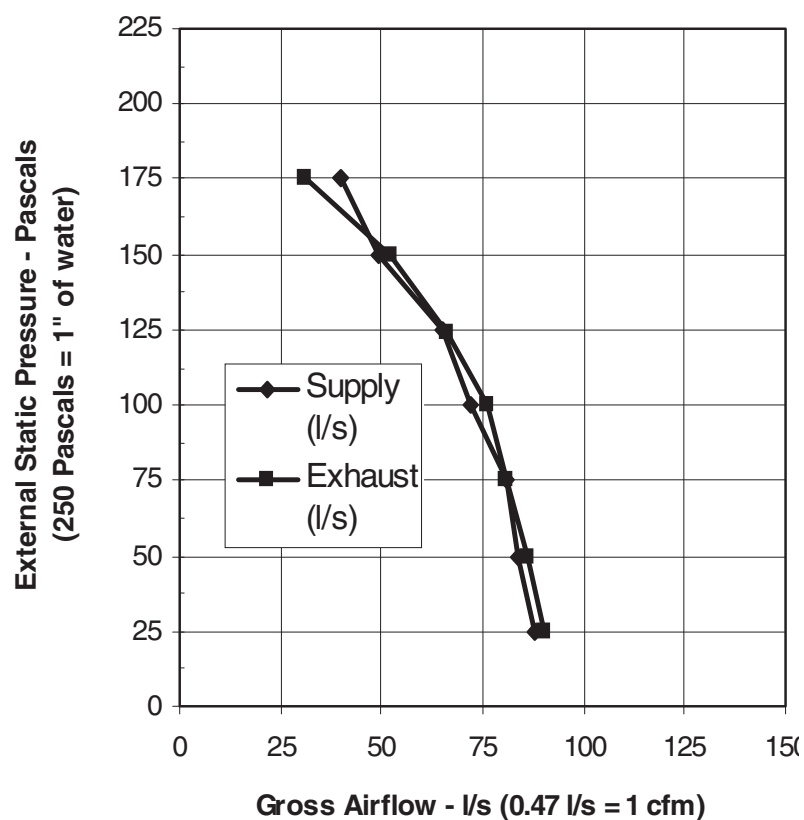
| Description                            | NORDYNE Part<br>Number | Venmar Part Number |
|--|------------------------|--------------------|
| Basic Wall Control HRV/ERV Maytag      | 918738                 | 918738             |
| Electronic Wall Control HRV/ERV Maytag | 918739                 | 918739             |
| Push Button 20/40/60 HRV/ERV Maytag    | 918740                 | 918740             |
| Air Intake 6D X 9 X 9 With Duct        | 918722                 | 918722             |
| Balancing Kit 0.5" H20                 | 918723                 | 918723             |

# PERFORMANCE HRV-150

## VENTILATION PERFORMANCE HRV-150

| External Static Pressure |          | Net Supply Airflow |     | Gross Air Flow |     |         |     |
|--------------------------|----------|--------------------|-----|----------------|-----|---------|-----|
|                          |          |                    |     | Supply         |     | Exhaust |     |
| Pa                       | in. w.g. | l/s                | cfm | l/s            | cfm | l/s     | cfm |
| 25                       | 0.1      | 84                 | 177 | 88             | 186 | 90      | 190 |
| 50                       | 0.2      | 80                 | 169 | 84             | 178 | 86      | 182 |
| 75                       | 0.3      | 77                 | 163 | 81             | 171 | 81      | 171 |
| 100                      | 0.4      | 69                 | 146 | 72             | 153 | 76      | 161 |
| 125                      | 0.5      | 61                 | 130 | 65             | 137 | 66      | 139 |
| 150                      | 0.6      | 46                 | 98  | 49             | 103 | 52      | 110 |
| 175                      | 0.7      | 38                 | 81  | 40             | 85  | 31      | 67  |

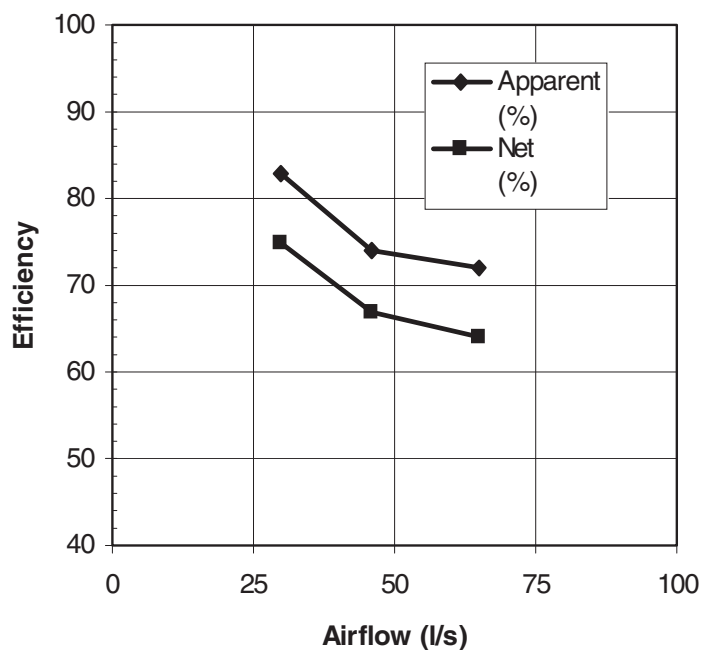
Note: Unit operating at maximum speed.



# PERFORMANCE HRV-150

## ENERGY PERFORMANCE HRV-150

|         | Supply Temperature |     | Net Airflow               |     | Average Power | Sensible Recovery Efficiency | Apparent Sensible Effectiveness | Latent Recovery Moisture Transfer |
|---------|--------------------|-----|---------------------------|-----|---------------|------------------------------|---------------------------------|-----------------------------------|
|         | °C                 | °F  | l/s                       | cfm | Watts         | %                            | %                               |                                   |
| Heating | 0                  | 32  | 30                        | 64  | 54            | 75                           | 83                              | -0.03                             |
|         | 0                  | 32  | 46                        | 97  | 78            | 67                           | 74                              | 0.01                              |
|         | 0                  | 32  | 65                        | 138 | 124           | 64                           | 72                              | -0.02                             |
|         | -25                | -13 | 26                        | 55  | 62            | 67                           | 89                              | 0.05                              |
|         |                    |     | Total Recovery Efficiency |     |               |                              |                                 |                                   |
| Cooling | 35                 | 95  | Not tested                |     |               |                              |                                 |                                   |

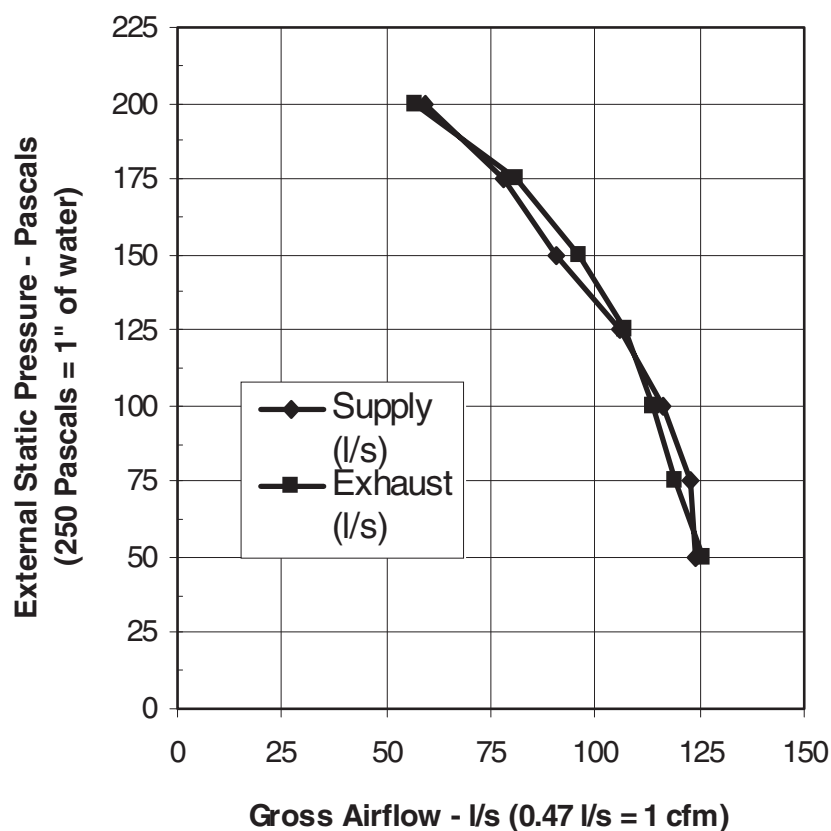


# PERFORMANCE HRV-210

## VENTILATION PERFORMANCE HRV-210

| External Static Pressure |          | Net Supply Airflow |     | Gross Airflow |     |         |     |
|--------------------------|----------|--------------------|-----|---------------|-----|---------|-----|
|                          |          |                    |     | Supply        |     | Exhaust |     |
| Pa                       | in. w.g. | l/s                | cfm | l/s           | cfm | l/s     | cfm |
| 50                       | 0.2      | 120                | 253 | 124           | 264 | 126     | 268 |
| 75                       | 0.3      | 118                | 250 | 123           | 262 | 119     | 251 |
| 100                      | 0.4      | 111                | 235 | 116           | 245 | 114     | 241 |
| 125                      | 0.5      | 102                | 216 | 106           | 224 | 107     | 226 |
| 150                      | 0.6      | 87                 | 185 | 91            | 193 | 96      | 204 |
| 175                      | 0.7      | 75                 | 160 | 78            | 167 | 81      | 172 |
| 200                      | 0.8      | 57                 | 120 | 59            | 124 | 57      | 121 |

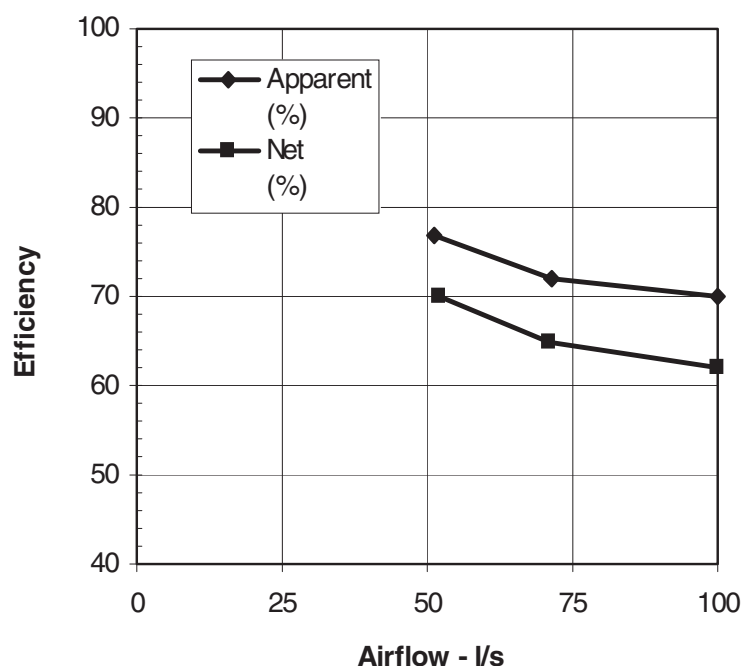
Note: Unit operating at maximum speed.



# PERFORMANCE HRV-210

## ENERGY PERFORMANCE HRV-210

|         | Supply Temperature |     | Net Airflow               |     | Average Power | Sensible Recovery Efficiency | Apparent Sensible Effectiveness | Latent Recovery Moisture Transfer |
|---------|--------------------|-----|---------------------------|-----|---------------|------------------------------|---------------------------------|-----------------------------------|
|         | °C                 | °F  | l/s                       | cfm | Watts         | %                            | %                               |                                   |
| Heating | 0                  | 32  | 51                        | 109 | 92            | 70                           | 77                              | -0.01                             |
|         | 0                  | 32  | 73                        | 155 | 128           | 65                           | 72                              | -0.02                             |
|         | 0                  | 32  | 102                       | 215 | 191           | 62                           | 70                              | -0.01                             |
|         | -25                | -13 | 52                        | 110 | 104           | 60                           | 94                              | 0.05                              |
|         |                    |     | Total Recovery Efficiency |     |               |                              |                                 |                                   |
| Cooling | 35                 | 95  | Not tested                |     |               |                              |                                 |                                   |



Before purchasing this appliance, read important energy cost and efficiency information available from your retailer. Specifications and illustrations subject to change without notice and without incurring obligations.

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