

MODEL HRV700 INDOOR POOL HEAT RECOVERY VENTILATOR

FEATURES

BLOWER:

Fresh and stale air streams are isolated from each other to prevent mixing of stale air with fresh air
 High pressure, centrifugal blower accommodates many ducting configurations
 Balanced centrifugal blower wheels for quiet operation and long motor life
 Energy efficient two-speed PSC motors with sealed ball bearings, polyurethane paint and stainless steel shafts
 1075/600 rpm, 115 VAC, 60 Hz, 2.5 amps each

HOUSING:

Rugged steel housing with baked powder coated finish
 Installed suspended
 Every part is removable in less than five minutes
 Square inlets and outlets for easy duct connections
 Flanges on outdoor air stream connections allow for taping insulated ductwork
 All inside surfaces covered with foil-faced thermal/acoustic insulation
 Easily removable, washable air filters
 Built-in drain tube connection

CONTROLS:

Off/Low/High switch on side of unit
 Provisions for 24 volt low voltage control
 Fully enclosed, modular controls mounted to outside of cabinet for improved reliability and easy servicing

CORE:

Non-enthalpic core transfers energy without moisture vapor transfer
 Easily removable for cleaning and replacement - no tools required
 Material is U.L. flammability classified 94 HB.

TYPICAL SPECIFICATIONS

The Heat Recovery Ventilator shall be Broan-NuTone Model HRV700.
 Rated air flow shall be 650 cfm at 0.4 in. wg.
 Unit to include easily-removable energy recovery core - no tools should be required to remove.
 Fresh air and stale air streams to be isolated from each other to prevent mixing of stale air with fresh air.
 Built-in defrost mechanism to be provided to prevent freeze-ups.
 Every part shall be removable in less than five minutes.
 All interior surfaces to be covered with foil-faced thermal/acoustic insulation.
 Housing shall be of rugged steel with baked powder coated finish.
 Unit shall include easily removable, washable air filters. No tools are to be required for filter cleaning/replacement.
 The controls are to be mounted outside of the unit and include an off/low/high switch and provisions for low voltage controls.
 Unit to accommodate square duct. Taping flanges on outdoor air stream connections shall be provided.
 Blower shall be energy efficient, two-speed PSC motors with sealed ball bearings, polyurethane paint and stainless steel shaft.
 Unit to be ETL listed and cETL certified.



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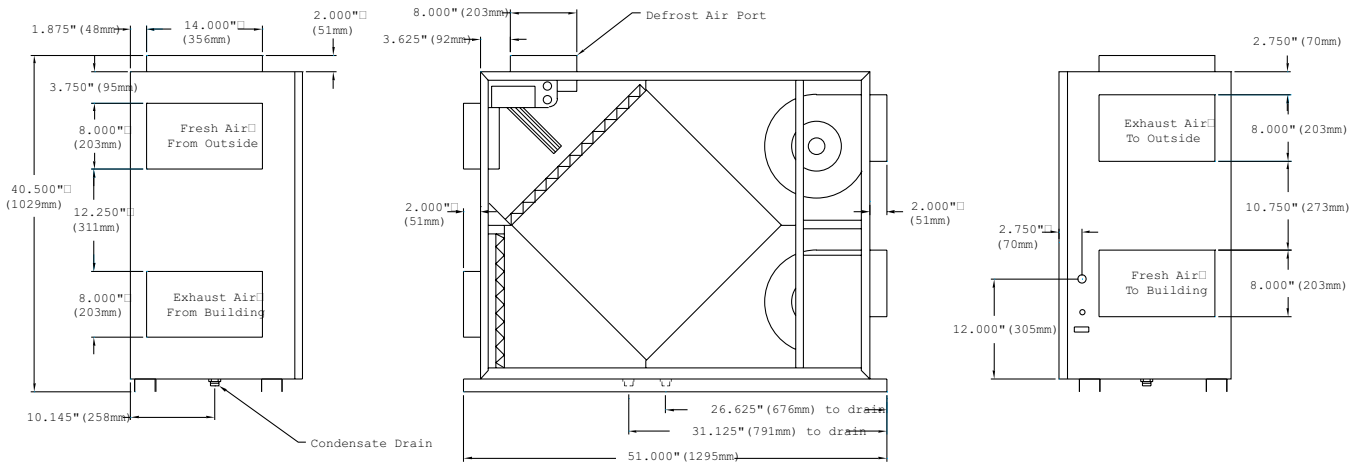
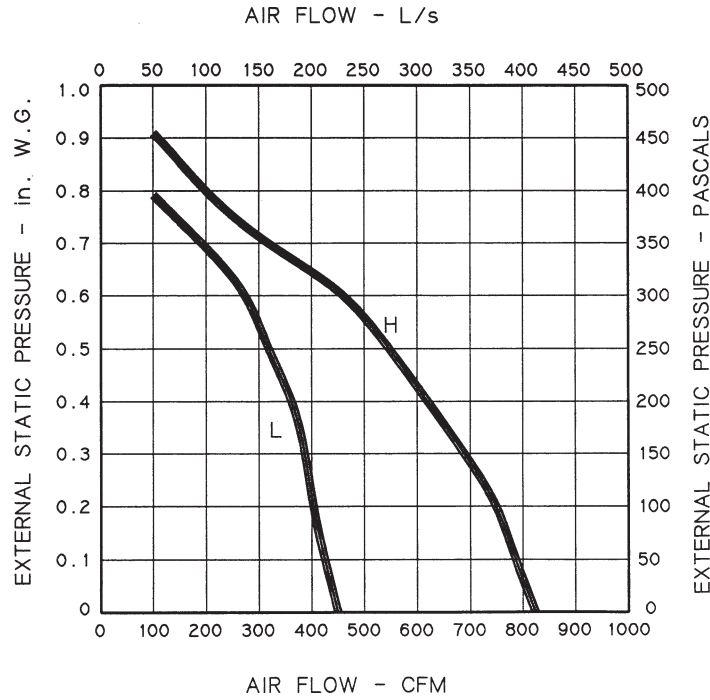
| REFERENCE | QTY. | REMARKS | Project |
|-----------|------|---------|--|
| | | | Location |
| | | | Architect |
| | | | Engineer |
| | | | Contractor |
| | | | Submitted by Date |

PERFORMANCE RATINGS

MODEL HRV700 HEAT RECOVERY VENTILATOR

Option Installed: Defrost

Electrical Requirements: 115 Volts 2.5 Amps



A minimum of 6.00" (152mm) clearance from any obstruction is required for power hook-up, low voltage remote connection, and control panel access.

A minimum of 21.00" (533mm) clearance from any obstruction is required for removal of heat recovery cores, fans, door can be removed from cabinet with only 2.00" (51mm) clearance.

