

VHR Fresh air appliances

HRV for balanced ventilation in single- and multi-family homes

- Top-mounted ports with plastic oval collars
- Unobstructed front access for fast & easy maintenance
- Moderate heat recovery with up to 65% SRE
- Air Boost Mode (FLEX 100H)

[Find more details in our online catalogue](#)



Enhanced Versatility

The VHR Series offers versatile installation options, making these appliances suitable for a wide range of applications in both single- and multi-family homes.

Air Boost Mode

The exclusive TurboTouch feature of the FLEX® 100H enables it to deliver up to 50% more exhaust capacity, enhancing efficiency and performance.

Energy Efficiency

The aluminum core of the appliance provides superior heat transfer capability while enhancing overall energy efficiency and cost-effectiveness.

Integrated Airflow Measurement

Integrated airflow measurement system allows for quick and accurate airflow reads during installation.

Certifications



HVI Certified



CSA Mark



Energy Star

Technical parameters

Product

Voltage (nominal)	120	V
Frequency	60	Hz
Phases	1~	
Input power	60	W
Input current	1.1	A
Air flow	70	cfm
Certificate	CSA, HVI, ENERGY STAR®	

Exchanger

Heat exchanger	Heat recovery
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Dimensions and weights

Weight	32.5	lb
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Used for

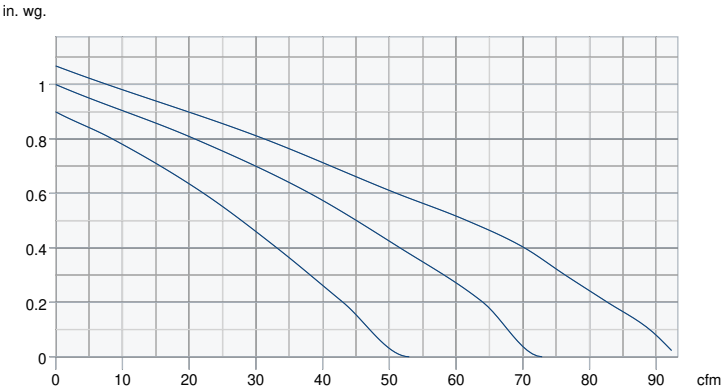
Installation type	Vertical
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Performance

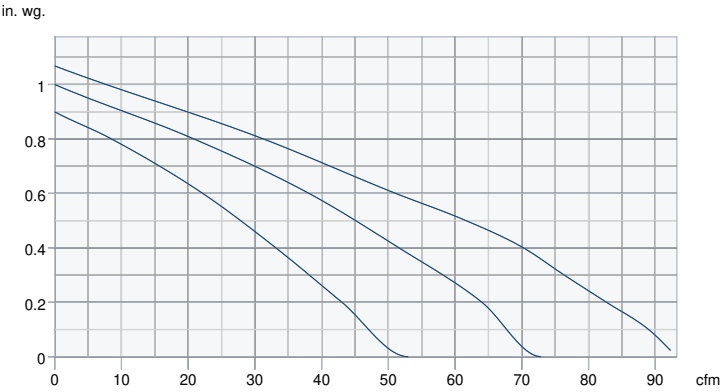
 Recommended low airflow is outside valid range

 Recommended high airflow is outside valid range

Supply - Performance curve



Extract - Performance curve



Unit	Supply	Extract
Air density	0.075 lb/ft³	

Performances

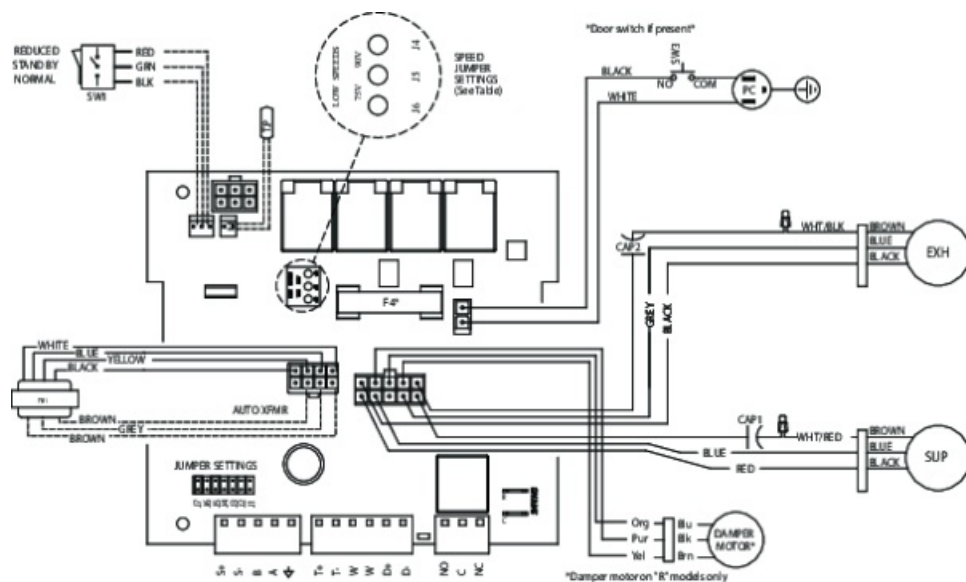
	Supply temperature	Net airflow	Consumed power	Sensible recovery efficiency	Adjusted sensible recovery efficiency	Latent recovery / moisture transfer
	°F (°C)	cfm (L/s)	W	%	%	-
Heating	32 (0)	42 (20)	35	65	70	0.00
	-13 (-25)	44 (21)	40	62	64	0.06

Dimensions



Dimensional information in inches (mm)

Wiring



*F4 is 3A Fast Acting with I²T > 20
 ----- Low voltage factory wiring
 _____ Line voltage factory wiring

Model	JUMPER SETTINGS							Low Speed Jumper Settings
	J7	J6	J5	J4	J3	J2	J1	
VHR70R ES	ON	OFF	OFF	OFF	OFF	OFF	ON	90V
VHR70	OFF	OFF	OFF	OFF	OFF	OFF	ON	

Accessories

- ECO-Feel ® Auto IAQ control (414729)
- RTS-W Wireless timer (414920)
- FIDT 4 Insulated Flex Duct (411061)
- MATRIX 6", 2 in 1 Vent Hood (413640)
- Filter,MERV8,70 cfm,Repl.kit (414921)
- MGE 4 Metal Exhaust Grill (411106)
- MGS 4 Metal Supply Grill (411368)
- RTS2 Push-button timer (40164)
- ECO-Touch ® Auto IAQ control (414727)
- COM5P Supply and Exhaust Hoods (40223)
- FIDT 5 Insulated Flex Duct (411062)
- Filter,MERV6,70 cfm,Repl.kit (414644)
- MDEH 1 Dehumidistat (40172)
- MGE 5 Metal Exhaust Grill (411370)
- MGS 5 Metal Supply Grill (411369)
- RTS5 Push-button timer (44794)

Documents

- E1994_FAA_SELECTION_RESIDENTIAL.PDF
- E2014 Replacement Filters EN
- E400064 VHR70 Dimensional Submittal.pdf
- 428605 VHR70R ES IOM EN FR.pdf
- 428688 VHR70R ES Spec Sheet.pdf
- CSI Specification - VHR70R ES