



**GENERAL FILTERS**  
INCORPORATED

**ERV / HRV Models**

Residential Whole-House (GFI #3220, 3160, 8220 & 8160)

# GeneralAire® Models ERV/HRV

## Energy & Heat Recovery Ventilators

## Spec Sheet

**Model ERV 3220**  
(GFI #4675)

**Model ERV 3160**  
(GFI #4670)



**Model HRV 8220**  
(GFI #4665)

**Model HRV 8160**  
(GFI #4660)



## Specifications

	ERV 3160	ERV 3220	HRV 8160	HRV 8220
Heat exchanger (D x H x W)	12" x 12" x 10"	12" x 12" x 15"	12" x 12" x 10"	12" x 12" x 15"
CFM	30 to 160	50 to 220	30 to 160	50 to 220
Type of heat exchanger	cross-flow (Enthalpic)	cross-flow (Enthalpic)	cross-flow (Polypropylene)	cross-flow (Polypropylene)
Exchange surface	85 ft <sup>2</sup>	127 ft <sup>2</sup>	104 ft <sup>2</sup>	150 ft <sup>2</sup>
Weight	58 Lbs.	72 lbs.	53 lbs.	65 lbs.
Pallet Quantity	12	9	12	9
Voltage	120 VAC @ 60 Hz	120 VAC @ 60 Hz	120 VAC @ 60 Hz	120 VAC @ 60 Hz
Amperage	1.5 A	1.5 A	1.5 A	1.5 A
Power Consumption	130 W	150 W	130 W	150 W
Defrost type	Exhaust	Exhaust	Exhaust	Exhaust
Certification	HVI, cCSA <sub>US</sub>	HVI, cCSA <sub>US</sub>	HVI, cCSA <sub>US</sub>	HVI, cCSA <sub>US</sub>
Warranty	5 Years Electronics / 10 Years Motors / Core Lifetime		5 Years Electronics / 10 Years Motors / Core Lifetime	
Core	Lifetime Guarantee		Lifetime Guarantee	

## Included:

Model ERV / HRV, Warranty Card, Installation Manual, 4 Collars, Drain Adapter With Nut, 4 Tie Wraps, Screws, 2 Flexible Vinyl Ducts, Condensation Drain Line, 4 Washers, SPM™ Attachment Strap System.

## Optional Controls:

DC1



DC4E



DHX3



TR3



General Filters, Inc.  
43800 Grand River Avenue  
Novi, Michigan 48375  
Toll Free: (866) 476-5101  
www.generalaire.com



Canadian General Filters, Ltd.  
400 Midwest Rd.  
Toronto, ON M1P3A9 Canada  
Toll Free: (888) 216-9184  
www.cgfproducts.com





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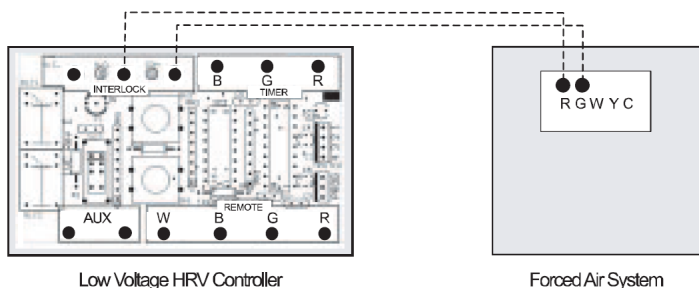
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## Energy & Heat Recovery Ventilators

### Spec Sheet

### Wiring Diagrams

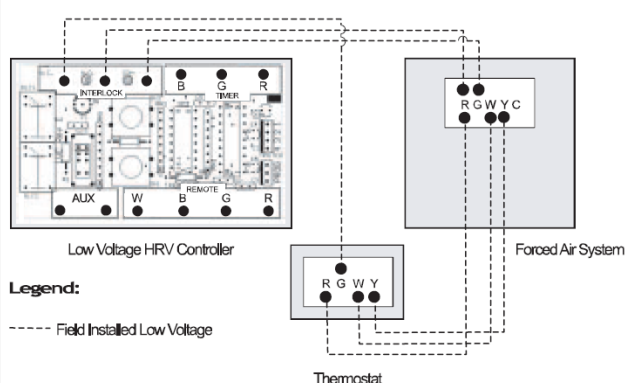
Standard Forced Air Interlock Wiring



**Legend:**

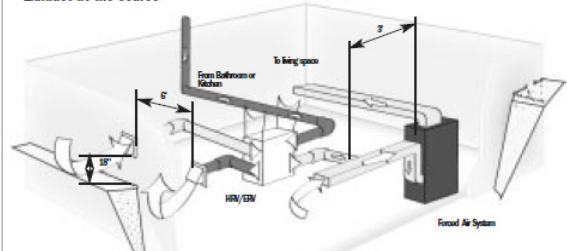
----- Field Installed Low Voltage

Alternate Forced Air Interlock Wiring

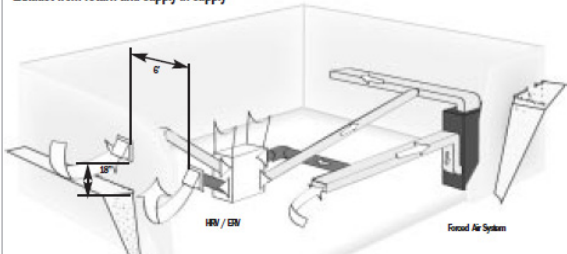


### Typical Installations

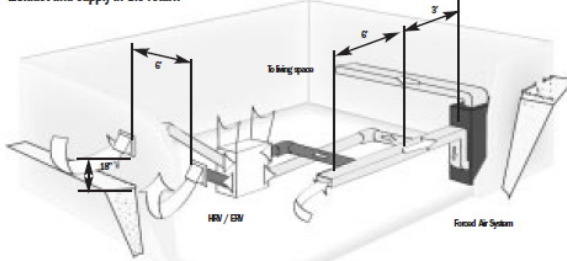
Exhaust at the source



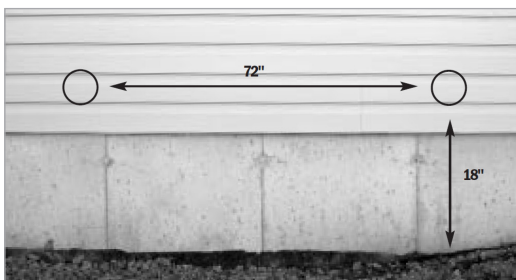
Exhaust from return and supply in supply



Exhaust and supply in the return



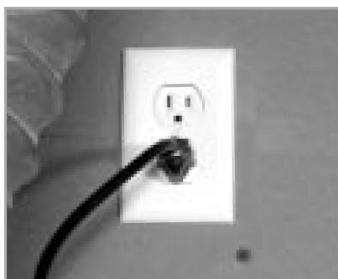
### Installation Tips



Ensure at least 72" between the outside fresh air and exhaust air hoods; and place at least 18" from the ground.



Ensure unit is level to ensure proper drainage.



It is recommended that the HRV or ERV have a devoted receptacle with 115V. It is not recommended that you use an extension cord.



Install outside hoods.

Our Brands



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Last Updated: 2-2018

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