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# Residential and Commercial HRVs & ERVs

Heat Recovery Ventilators & Energy Recovery Ventilators

# Residential HRVs - Horizontal Recirculating Defrost

## SUPERVENTOR SERIES



MODEL SHOWN: SHRV 130RD

- Color coded collars easily identify intake and exhaust ports
- Attractive prefinished insulated cabinet: provides structural strength and quiet operation.
- Dehumidistat controls excessive humidity
- Energy efficient motors ensure years of low cost operation with minimum maintenance
- State-of-the-art recirculating damper defrost system
- 3 speed built-in fan control
- Reversible / flipable
- Optional 2 wire low voltage external controls
- Optional energy recovery core available
- HVI certified to -13° F/-25° C

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

DESCRIPTION	SHRV 115RD	SHRV 130RD	SHRV 190RD	SHRV 240RD
Dimensions (LxWxH)	28.25x14.25x20	36x17.75x20.75	36x17.75x20.75	34.5x16x25.875
VAC @ 60Hz	120	120	120	120
Amps	1.12	2	2	3.7
Shipping Weight Lbs.	60	80	80	100
Airflow	C.F.M. Against External Static Pressure (each air stream)			
.7" (175Pa)	-	-	169	240
.6" (150Pa)	96	124	183	246
.5" (125Pa)	107	145	197	251
.4" (100Pa)	117	169	209	257
.3" (75Pa)	127	182	217	265
.2" (50Pa)	138	196	226	-
.1" (25Pa)	151	209	234	-
Built in Dehumidistat	Yes	Yes	Yes	Yes
Sensible Effectiveness	82%	79%	79%	87%



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# Residential HRVs - Builder Series Damper Defrost

## PROVENTOR II SERIES



MODEL SHOWN: SHRV 150DM

- Superior Energy Recovery - 78% Sensible Effectiveness
- Designed with multiple fan speed settings for a wide range of home sizes
- Compact and lightweight design
- Unit can be rotated 180 degrees for easier duct installation
- Front mounted control panel with lighted mode display
- Four ventilation speeds: Intermittent, Low, Medium and High
- Patented recirculation defrost prevents pressure imbalance
- Power interruption mode recall
- Furnace fan interlock
- Balancing dampers
- Air flow measurement ports
- Easy access control connections
- HVI certified to -13° F/-25° C

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

DESCRIPTION	SHRV 150DM
Dimensions (LxWxH)	24x12.5x19.625
VAC @ 60Hz	120
Amps	1.5
Shipping Weight Lbs.	48
Airflow C.F.M. Against External Static Pressure (each air stream)	
.4" (100Pa)	127
.2" (50Pa)	150
Built in Dehumidistat	No
Sensible Effectiveness	78%

# Residential HRVs - Top Discharge Recirculating Defrost

## SUPERVENTOR SERIES



MODEL SHOWN: SHRV 124T

- Top port duct collars save wall space in mechanical room
- Front-mounted fan control and dehumidistat
- Color coded collars easily identify intake and exhaust ports
- Attractive prefinished insulated cabinet: provides structural strength and quiet operation.
- Dehumidistat controls excessive humidity
- Energy efficient motors ensure years of low cost operation with minimum maintenance
- State-of-the-art recirculating damper defrost system
- 3 speed built-in fan control
- Optional 2 wire low voltage external controls
- Optional energy recovery core available
- Model SHRV 124T includes multiple high speed settings, (87 cfm to 146 cfm @ .2 " esp.)
- HVI certified to -14° F/-25° C

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

DESCRIPTION	SHRV 124T
Dimensions (LxWxH)	27.6 x 21.3 x 18.75
VAC @ 60Hz	120
Amps	1.3
Shipping Weight Lbs.	80
Airflow	C.F.M. Against External Static Pressure (each air stream)
.7" (175Pa)	84
.6" (150Pa)	98
.5" (125Pa)	110
.4" (100Pa)	122
.3" (75Pa)	135
.2" (50Pa)	146
.1" (25Pa)	155
Built in Dehumidistat	Yes
Sensible Effectiveness	91%



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# Air Changer

## MODEL: SV 35



- Integral motorized impeller
- Washable air filter
- Four reinforced rubber straps are provided for suspending units from joists
- Remote dehumidistat supplied

MODEL SHOWN: SV 35

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

DESCRIPTION	SV35
Dimensions (LxWxH)	15 x 13.5 x 10
VAC @ 60Hz	120
Amps	1.2
Shipping Weight Lbs.	26
Airflow C.F.M. Against External Static Pressure (each air stream)	
.4" (100Pa)	90
.2" (50Pa)	100
Built in Dehumidistat	No

# Residential ERVs - Horizontal Discharge

## ULTRAVENTOR SERIES



MODEL SHOWN: SERV 130

- Provides both latent and sensible energy transfer
- Whisper quiet operation
- Exhausts harmful indoor pollutants
- Full range of optional remote controls
- Reversible / flipable
- Optional 2 wire low voltage external controls
- No drain hoses required
- HVI certified to -13° F/-25° C

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

DESCRIPTION	SERV 110	SERV 130
Dimensions (LxWxH)	24x14.25x20	29x16.25x20.75
VAC @ 60Hz	120	120
Amps	1.12	2
Shipping Weight Lbs.	50	64
Airflow C.F.M. Against External Static Pressure (each air stream)		
.7" (175Pa)	82	51
.6" (150Pa)	91	116
.5" (125Pa)	104	132
.4" (100Pa)	113	153
.3" (75Pa)	126	166
.2" (50Pa)	135	179
.1" (25Pa)	146	194
Built in Dehumidistat	Yes	Yes
Sensible Effectiveness	80%	77%



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# Commercial HRVs - Horizontal Discharge



- Quiet powerful blower operation
- 3 speed motor
- Cores easily removed for cleaning
- Removable washable air filters
- Automatic defrost on all models
- Polypropelene cores easily removed for cleaning
- External low voltage connections for remote crank timer and / or dehumidistat

MODEL SHOWN: SHRV 600DD

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

DESCRIPTION	SHRV 600DD	SHRV 1100DD	SHRV 2500DD
Dimensions (LxWxH)	31x33x27	45.5x33x27	82x46x41.5
VAC @ 60Hz	120	120	By application
Amps	6.2	8.7	By application
Shipping Weight Lbs.	178	260	750
Airflow at high speed	C.F.M. Against External Static Pressure (each air stream)		By application
.4" (100Pa)	600	1080	
.2" (50Pa)	650	1170	



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# Controls and Accessories



• **Sentinel II**  
This control allows the selection of; Fan Speed, Auto/Off, System Off, Intermittent (20 minutes of low speed followed by 40 minutes of off, repeating), for humidity control during the heating season.



• **Push Buttons**  
Illuminated when activated.



• **Watchman**  
Selectable options include, Low/Med/High Fan Speed, Indoor Relative Humidity, Intermittent, Auto-Off and System-Off.



• **20 Minute Fan Timer**  
When activated, HRV/ERV is switched to high speed for 20 minutes. Active cycle is indicated by illuminated LED.



• **Dehumidistat**  
Designed to control the indoor relative humidity during the heating season.



• **20/40/60 Minute Fan Timer**  
When activated, HRV/ERV is switched to high speed for 20, 40 or 60 minutes as selected. Active cycle is indicated by illuminated LED.



• **Scout**  
This optional cover plate permits the HRV/ERV main control select pad to be remotely located.



• **Exhaust & Intake Hood**  
Painted steel hood kit for outdoor connections. Kit includes painted and labeled steel hoods complete with 6" x 18" long galvanized collars and plastic indoor collars.



• **Wall Mounted SelectAire**  
This control allows the selection of automatic fan speed or a choice of intermittent, low, medium, or high. It also features an Auto Off standby mode.

**Note:** Crank timer not shown. For more information on these controls contact your local supplier.

## CONTROLS AND ACCESSORIES

UNIT DESCRIPTION	PUSH BUTTONS	INTERNAL DEHUMIDISTAT	REMOTE DEHUMIDISTAT	CRANK TIMER	20 MIN. FAN TIMER	20/40/60 FAN TIMER	WATCHMAN	SENTINELII	EXHAUST & INTAKE HOOD	SELECTAIRE
SHRV115RD		X	X	X	X	X	X	X	X	
SHRV130RD		X	X	X	X	X	X	X	X	
SHRV190RD		X	X	X	X	X	X	X	X	
SHRV240RD		X	X	X	X	X	X	X	X	
SHRV124T		X	X	X	X	X	X	X	X	
SHRV150DM			X		X				X	X
SV35			X	X						
SERV110		X	X	X	X	X	X	X	X	
SERV130		X	X	X	X	X	X	X	X	
SHRV600DD			X	X						
SHRV1100DD			X	X						
SHRV2500DD	X		X	X						