



FRESH AIR SYSTEMS
BETTER AIR. BETTER LIFE.

ENERGY RECOVERY VENTILATORS



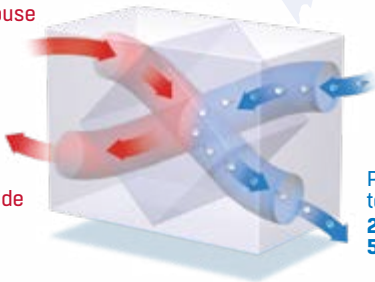
FRESH AIR, WHEREVER YOU LIVE.™

MANAGE HUMIDITY IN EVERY CLIMATE

DRY CLIMATE

Las Vegas, Nevada

Outside air to house
12% RH
15°F Dew Point



Stale air from building
50% RH
55°F Dew Point

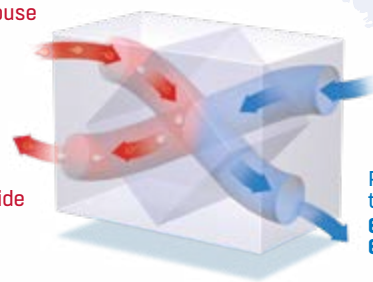
Pretreated air to house²
29% RH
50°F Dew Point

27% RH
50°F Dew Point
Stale air to outside

HUMID CLIMATE

Orlando, Florida

Outside air to house
80% RH
69°F Dew Point



Stale air from building
50% RH
55°F Dew Point

65% RH
62°F Dew Point
Stale air to outside

Pretreated air to house²
65% RH
62°F Dew Point

Model Name	HE SERIES			ADVANCED SERIES		
	ERV140 ECM	ERV200 ECM	ERV250 ECM	ERVH100	ERV180	ERV130FL
Model Number	ERV140TE	ERV200TE	ERV250TE	ERVH100S	ERV180S	ERV130FLS
Min/max continuous airflow (CFM at 0.2 in. w.g.)	40-157	50-226	50-259	50-111	80-209	66-155
Min/max continuous airflow (CFM at 0.4 in. w.g.)	40-140	50-210	50-241	50-100	80-183	66-129
Fan efficacy at 32°F (CFM/Watt)	2.2	2.9	3.6	1.2	1.0	1.03
Apparent sensible efficiency at 32°F ¹	73%	88%	80%	77%	72%	82%
Sensible recovery efficiency at 32°F ¹	67%	75%	75%	67%	60%	75%
Sensible recovery efficiency at -13°F ¹	60%	64%	65%	61%	41%	60%
Total recovery efficiency at 95°F ¹	52%	68%	65%	53%	52%	60%
Filtration level	MERV 7	MERV 6 / HEPA option	MERV 6 / HEPA option	HEPA	15 PPI	MERV 6 / MERV 8 option
Filter model number	SV18204	SV63427 / 22528	SV63433 / 21996	ACCHEPARF + ACCHEPAPFK	SV60799	V65683
ENERGY STAR® Certified ³	Yes	Yes	Yes	Yes	No	Yes
Ports location	Top	Top	Top	Side	Side	Side
Ports size (in.)	6	6	6	5	6	5
Dimensions (in.) H x W x D						
Side port	—	—	—	17 x 39 x 12	17 x 35 x 17 ¹ / ₄	22 ⁹ / ₁₆ x 22 ¹ / ₁₆ x 13 ⁷ / ₈
Top port	24 ⁹ / ₁₆ x 23 ⁹ / ₁₆ x 14 ¹⁵ / ₁₆	31 x 32 x 20		—	—	—
Weight (lbs)	65	96	84	47	76	50.5
Warranty on parts	5 years	5 years	5 years	5 years	5 years	5 years
Warranty on core	5 years	10 years	10 years	5 years	5 years	5 years

¹Performance at low speed. ²Based on the latent recovery performance of the Broan ERV100 model.



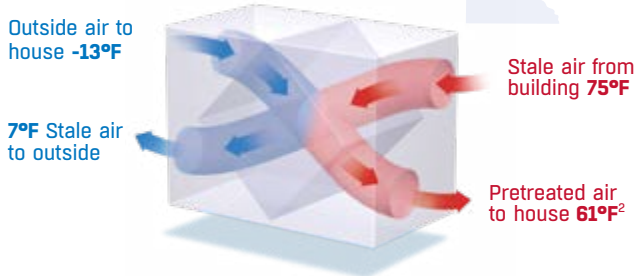
³This product earned the ENERGY STAR rating by meeting strict energy efficiency guidelines set by Natural Resources Canada and the U.S. EPA. It meets ENERGY STAR requirements only when used in Canada.

For today's tightly constructed, energy efficient homes, Broan Energy Recovery Ventilators (ERVs) continuously supply fresh air to improve indoor air quality in every season and climate condition. These fresh air systems exchange stale indoor air and pollutants with fresh, filtered outside air and Venmar® Core Technology tempers incoming air to help maintain optimal indoor temperature and humidity levels. The result—fresh air in your home all year long.

MANAGE TEMPERATURE IN EVERY SEASON

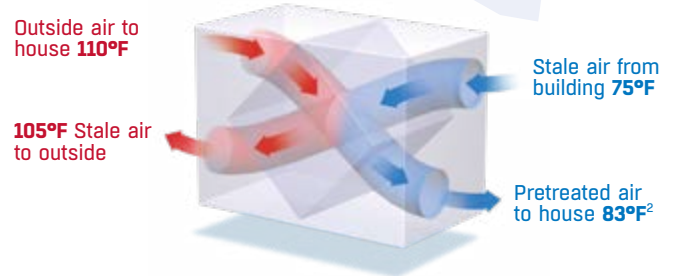
HEATING SEASON

Minneapolis, Minnesota









COOLING SEASON

Phoenix, Arizona



SKY SERIES

COMPACT FLEX™ SERIES

	SKY SERIES			COMPACT FLEX™ SERIES		
						
	ERV100	ERV100+	ERVS100	ERV70	ERV110	ERV120
	ERV100S	ERV100SP	ERVS100S	ERV70S / ERV70T	ERV110S / ERV110T	ERV120S / ERV120T
	50-108	50-113	50-115	35-78	45-112	64-130
	50-102	50-101	65-105	35-70	45-105	64-120
	1.2	1.2	1.4	1.3	1.2	1.2
	75%	75%	71%	77%	79%	79%
	67%	67%	64%	66%	67%	67%
	51%	61%	—	56%	60%	60%
	50%	50%	48%	41%	50%	50%
	20 PPI / MERV 8 option	20 PPI / MERV 8 option	20 PPI / MERV 8 option	30 PPI	30 PPI	30 PPI
	SV21029 / 21030	SV21029 / 21030	SV21029 / 21030	SV18883	SV16031	SV16031
	No	Yes	No	No	Yes	Yes
	Side	Side	Side	Side / Top	Side / Top	Side / Top
	5	5	6	4	5	5
	9 x 27 ¹ / ₈ x 20	9 x 27 ¹ / ₈ x 23 ¹ / ₈	9 x 27 ¹ / ₈ x 20	16 ⁵ / ₁₆ x 19 ¹³ / ₁₆ x 15 ⁵ / ₈	21 ³ / ₁₆ x 27 ¹ / ₁₆ x 19 ¹³ / ₁₆	
	—	—	—	18 ⁵ / ₈ x 15 ⁷ / ₁₆ x 15 ⁵ / ₈	16 ¹ / ₄ x 23 ⁵ / ₈ x 19 ¹³ / ₁₆	
	32	35	40	34	45	45
	5 years	5 years	5 years	5 years	5 years	5 years
	5 years	5 years	5 years	5 years	5 years	5 years

Residential Main Wall Controls

Broan offers simple to more advanced wall controls to customize your fresh air system.

Auxiliary Wall Controls provide additional control:

- VB20W Bathroom override 20-minute timer
- VB60W Bathroom override 20/40/60-minute timer



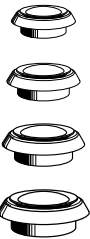
SELECT THE WALL CONTROL BEST SUITED TO YOUR NEEDS

Model	Main Wall Controls					Auxiliary		Main Wall Control Features				
	VT4W	VT6W	VT7W	VT8W	VT9W	VB20W	VB60W	VT4W	VT6W	VT7W	VT8W	VT9W
ERV70	•	•	•	•		•	•	•	•	•	•	•
ERV100	•	•	•	•		•	•	•	•	•	•	•
ERV100+	•	•	•	•		•	•	•	•	•	•	•
ERVS100						•			•			•
ERVH100	•	•	•	•		•	•					
ERV110	•	•	•	•		•		•		•	•	•
ERV120	•	•	•	•		•						•
ERV140 ECM			•	•		•	•					
ERV180	•	•	•			•				•	•	
ERV200 ECM					•	•	•				•	•
ERV250 ECM					•	•	•					•

ACCESSORIES See the complete line at www.broan.com

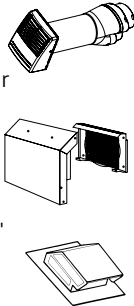
WHISPER REGISTERS

- Model V01269**
 - 4" intake and exhaust
- Model V02863**
 - 5" intake and exhaust
- Model V01271**
 - 6" intake and exhaust
- Model V03585**
 - 8" intake and exhaust



EXTERIOR VENTS

- Model VTYIK1**
 - Tandem transition kit for units at 110 CFM and under
- Model V1607100**
 - IN2000 hood kit (set 2)
- Model V12570**
 - Anti-gust intake 6"
- Model 634M**
 - Roof cap up to 6"



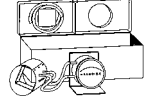
GRILLES/PLASTIC REGISTERS

- Model V04790**
 - Duct connector baffle 8" x 12"
- Model V04400**
 - Duct connector 8" x 12"



AIRFLOW BALANCING KITS

- Model 18222**
 - Balancing kit 0.5" and 1" H2O
- Model V11001**
 - Airflow collar 6"d
- Model V11246**
 - Airflow collar 8"d
- Model V11247**
 - Airflow collar 7"d



Broan.com

Broan, 926 W. State Street
Hartford, WI 53027 **800-558-1711**

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