

ERV200HC

BROAN
FRESH AIR SYSTEMS

an *SefaCo.* Store
1-800-667-8721

Your Fresh Air Solution for Mild Humid Climates



Product

- 117 to 214 cfm (0.3 in. w.g.)
- 110 to 201 cfm (0.4 in. w.g.)
- Offers solid ventilation performance
- The enthalpic core will slow the moisture transfer between the outdoor and indoor environments*
- Durability, reliability and performance are the features that you will find with Broan Energy Recovery Ventilators (ERV)

*The ability to slow the moisture transfer depends on the outdoor humidity condition.



Ideal For

- Houses in moderate humid climates from 4,501 to 7,500 sq. ft.
- Contractors who want to offer added value, quality and best performance



Features

- Best airflow, sensible energy recovery and latent energy recovery of its class
- Smart Defrost System
- Ease of service



Benefits

- Enjoy the benefits of fresh air to dilute contaminants without an energy penalty. Our advanced enthalpic core transfers heat from one airstream to the other, tempering the air. This innovative technology reduces moisture that enters the house during the summer.
- Failure protection system prevents the unit from allowing cold air to enter into the house.
- All parts removable in 5 minutes. Electrical access on side panel.



ERV200HC Specifications

Voltage:	120 V AC
Frequency:	60 Hz
Dimensions:	21.1" x 34.6" x 13.25"
Weight:	73 lbs
Shipping Weight:	78 lbs
Warranty:	2 years, parts
HVI Rated of air flow:	228 cfm
Power Consumed (max):	225 Watts
Supply air duct connections:	6" Diameter
Exhaust air duct connections:	6" Diameter
Filter:	30 ppi washable reticulated foam
Cabinet:	20 ga. Pre-painted steel
Mounting:	Suspension by chains and springs
Wall control modes:	N/A
Power:	202 Watts
Current:	1.9 Amps



Energy Performance

	Supply Temperature		Net Airflow		Average Power	Sensible Recovery Efficiency	Apparent Sensible Effectiveness	Latent Recovery Moisture Transfer
	C	F	L/s	cfm	Watts	%	%	
Heating	0	32	52	110	93	69	76	0.45
	0	32	74	157	130	64	71	0.38
	0	32	96	203	193	60	68	0.3
	-15	5	52	110	122	55	76	0.26
						Total Recovery Efficiency		
Cooling	35	95	50	106	89	41		

Ventilation Performance

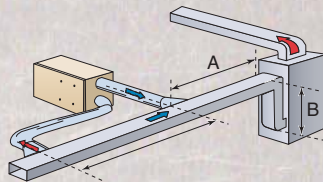
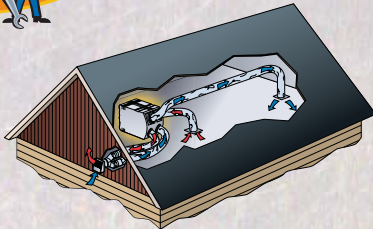
External Static Pressure	Net Supply Airflow	Gross Airflow			
		Supply		Exhaust	
Pa	In. W.g.	L/s	cfm	L/s	cfm
25	0.1	109	231	116	245
50	0.2	107	228	114	241
75	0.3	101	214	107	227
100	0.4	95	201	101	213
125	0.5	86	182	91	193
150	0.6	79	167	83	177
175	0.7	62	132	66	140
200	0.8	40	85	43	90

Note: Unit operating at maximum speed.



Installation Options

Attic*



Return-Return Connection



Return Connection — Extended Exhaust

*Contact your Broan sales representative for information on attic installation requirements.



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