SSKHH150R

HRV - HEAT RECOVERY VENTILATOR WITH RECIRCULATION



SSKHH150RT
Top Port

CSA-C439-18

2100 HVI CERTIFIED

ENERGY STAR

-25°C -13°F

HEAT STAYS IN, COLD STAYS OUT

Energy Star certified, the SSKHH150R recovers up to 84% of sensible heat at 0°C and holds 62% at -25°C thanks to its recirculation defrost. With airflow up to 145 CFM, it continuously brings in fresh air and eases heating demand in winter. It improves indoor air quality by eliminating allergens, pollutants, and odors, for a healthier indoor environment. Designed to fit in a closet just 24 inches deep, it hangs easily using the supplied straps. Its counterflow core and filters are washable, keeping maintenance simple. A great fit for multi-unit buildings and small to medium-sized homes.

AIR FLOW AND PERFORMANCE

- Fully adjustable air flow (145 cfm at 0.2 in.w.g.).
- Sensible recovery efficiency (SRE) of 84% 0 °C (32 °F) 30 L/s.
- Sensible recovery efficiency (SRE) of 62% at -25 °C (-13 °F) 33 L/s.
- Recirculation defrosts.

VOLTAGE

- 120V, 60Hz, 1.2A, 143W

BENEFIT

- Reduces heating demand in winter and cooling demand in summer.
- Ultra-quiet: factory calibrated and balanced.
- Easy installation and maintenance.
- Designed and manufactured in Canada to operate in variable climatic conditions.

CONSTRUCTION

- Door and housing in corrosion-resistant galvanized steel, 24-gauge, pre-painted neutral white.
- Convenient, screwless hinged door.
- Ultra-thin: 14 1/8 in. (359 mm).
- Easy installation: 59.5 lb (27 kg).
- Duct connections size: 5 in. (127 mm).
- Top port model only.
- Merv8 washable filters. Merv13 washable filter in option (SK-FI-M13).

MOTOR

- Energy-efficient, sealed motor with closed housing and automatic reset thermal protection.
- Balancing without flow keys. 100% electronic adjustment.
- Integrated pressure ports on the door for quick and accurate balancing.

HEAT RECOVERY CORE

- Polymer counterflow heat recovery core offers high energy efficiency for superior performance.
- Washable with soapy water to restore full performance without degradation or contamination.

CONTROL

- 2 control choices available:
  - Optional Decora-style wall-mounted control/timer (SA-LT15). INTERMITTENT (20-40) – CONTINUOUS – OFF – Timer (20-40-60 minutes).
  - Optional digital Decora-style wall-mounted control/timer (SA-LCD15). INTERMITTENT (20-40) – CONTINUOUS – Humidity – Recirculation – OFF.

INSTALLATION

- Can be wall-mounted or suspended.
- Set of nylon suspension straps included for installation.
- Fits into a 24 in. (610 mm) deep wardrobe.
- Furnace interconnect plug connector, included.

SETTING (AIR FLOW)

- Balance the unit using the supplied instruction.
- All the installer needs are the required flow rates, a manometer, and 5 minutes to adjust and balance the system.
- Simply specify the air flow rates for Low Speed and High Speed.
- The static pressure of the system should ideally be less than or equal to the static pressure indicated by the graph for High Speed.
- You don't have to worry about static pressure to limit air flow or adding flow keys as other devices. All you must do is provide ducting that doesn't limit maximum flow, and the unit's adjustments will allow you to fine-tune flow rates.

WARRANTY

- Motor 5-year. Other parts except filters and pre-filters 1-year.

APPLICATION

- Ideal for multi-residential buildings and small to mid-size homes..
- The most efficient heat recovery ventilator on the market. Ideal for projects requiring very high energy performance to benefit from all available credits and subsidies.
- Improves indoor air quality by exhausting pollutants, dust, and allergens outdoors, while supplying an equivalent amount of fresh air in the home.

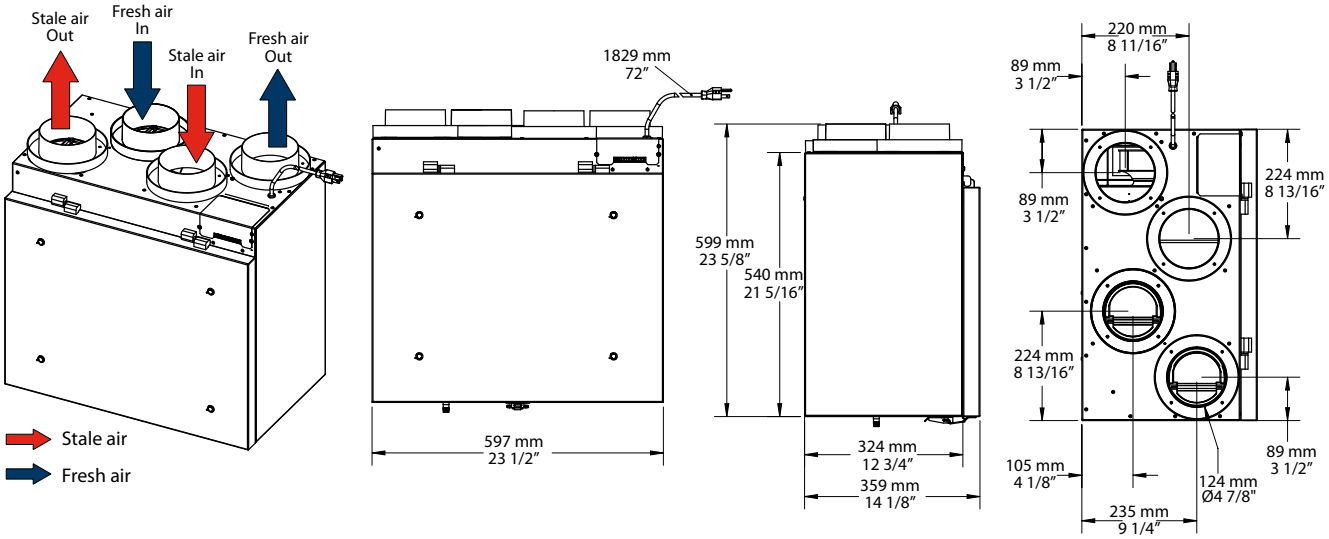
Important note
No controls are included with the purchase of an ERV or HRV.
SA-LT15 and SA-LCD15 controls must be purchased separately.

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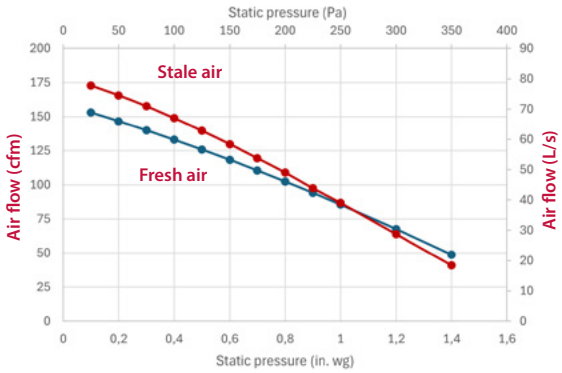
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TOP PORT MODEL



HRV SSKHH150R - CURVES AT HIGHEST SPEED



VENTILATION PERFORMANCE

IN. WG (PA)	0.2 (50)	0.3 (75)	0.4 (100)	0.5 (125)
	CFM (L/S)	CFM (L/S)	CFM (L/S)	CFM (L/S)
NET SUPPLY AIR FLOW	145 (68)	139 (65)	132 (62)	125 (59)
GROSS SUPPLY AIR FLOW	146 (69)	139 (66)	133 (62)	125 (59)
GROSS EXHAUST AIR FLOW	165 (78)	157 (74)	148 (70)	139 (65)

ENERGY RATINGS - HVI CERTIFIED

OUTDOOR TEMPERATURE		AIR FLOW		POWER	SENSIBLE RECOVERY EFFICIENCY (SRE)[1]	ADJUSTED SENSIBLE RECOVERY EFFICIENCY
°C	°F	CFM	L/S	W	%	%
Heating						
0	32	64	30	70	84	93
0	32	96	45	98	81	88
0	32	134	63	134	79	86
-25	-13	70	33	105	62	66

MODEL

PRODUCT #	CFM	RECIRCULATION	SRE[1] 0 °C (32 °F) 30 L/S	SRE[1] -25 °C (-13 °F) 27 L/S	PORT IN.	PORT MM	VOLTS	HERTZ	AMP.	WEIGHT LB	WEIGHT KG
HRV heat recovery ventilator 150 cfm with recirculation Top Port											
SSKHH150RT	145	Oui	84%	62%	5	127	120	60	1.2	59.5	27

[1] SRE: Sensible Recovery Efficiency.

OPTIONS

PRODUCT # KIT	DESCRIPTION
KIT-SA-FI-150	Kit of 2 Merv8 washable filters for ERV 130R and HRV 150R
SK-FI-M13	Merv13 washable filter for ERV 130R and HRV 150R

CONTROLS (SOLD SEPARATELY)

PRODUCT #	DESCRIPTION	
SA-LCD15[2]	Digital Decora-style wall-mounted control/timer for residential ERV and HRV	
SA-LT15[2]	Decora-style wall-mounted control/timer for residential ERV and HRV	

[2] Must be purchased separately.

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