



DESCRIPTION

VENTS' 120 S Heat Ventilator is a complete whole house ventilation system designed to bring a continuous supply of fresh air into the house while exhausting an equal amount of stale air. The unit can be mounted to the ceiling or to the wall with brackets.

Five year warranty.

CASING

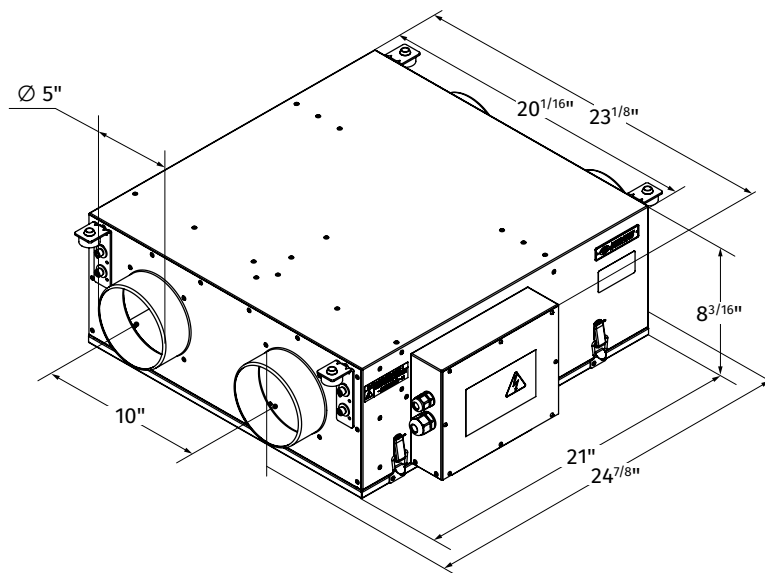
Steel casing is covered with high-quality multilayer aluminium and zinc alloy to prevent corrosion.

The casing is equipped with a safety switch to turn the ventilator off when the service panel is opened.

AIR FILTRATION

Washable MERV6 air filters in exhaust and supply air streams.

DIMENSIONS



HEAT RECOVERY CORE

Heat core, which ensures heat recovery.

DEFROST SYSTEM

To protect the Heat Recovery Core, an antifreeze electronic protection system is applied. It switches the supply fan off according to the temperature sensor settings. Warm extract air defrosts the HRV core then the supply fan switches on and the ventilator continues operating under rated conditions.

FANS

The unit is equipped with supply and exhaust centrifugal fans with backward curved blades and build-in thermal overheating protection with automatic restart. The electric motors and impellers are dynamically balanced.

CONTROL

Each unit is equipped with three-key speed switch to select LOW speed, MED speed or STANDBY mode for 24 hours operation. HIGH speed can be turned on/off with one of the optional remote controls.

SUITABLE FOR:

Bathroom / kitchen / apartments / cottages / small offices

PRODUCT SPECIFICATIONS
TECHNICAL DATA
HEAT RECOVERY VENTILATOR
PERFORMANCE

Model	ELECTRICAL REQUIREMENTS		EXHAUST AIR TRANSFER		EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW	
	Volts	Amps	EAT @ 100Pa (%)	EAT @ 50Pa (%)	(Pa)	(in. wg)	(L/s)	(cfm)
HRV 120 S	120	1.5	6.6	5.7	25	0,1	73	155
					50	0,2	69	146
					75	0,3	65	138
					100	0,4	61	130
					125	0,5	58	122
					150	0,6	54	114
					175	0,7	50	106
					200	0,8	46	98
					225	0,9	42	90
					250	1	39	82

MODE	TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY / MOISTURE TRANSFER
	°C	°F	(L/s)	(CFM)	(Watts)	SRE (%)	ASEF (%)	
HEATING	0	32	30	64	40	62	71	-0.03
HEATING	0	32	45	95	62	49	56	-0.03
HEATING	0	32	56	118	94	46	54	-0.03

MODEL	QUANTITY	COMMENTS	PROJECT
			location:
			architect:
			engineer:
			contractor:
			submitted by:

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