

ENERGY RECOVERY VENTILATOR ERV SERIES



Lifebreath residential and commercial Energy Recovery Ventilators (ERVs) are the best choice for ventilating your home or workplace. These units are designed to provide fresh air into the building while exhausting an equal amount of stale air to the outside.

Energy including moisture is transferred between the airstreams reducing the loads on the heating and cooling equipment while delivering the air comfortably and quietly into the space.



METRO 120 ERV

RESIDENTIAL MODEL DESCRIPTION

Model	Dimensions H x W x D (in.)	Airflow CFM (L/s)			Sensible Recovery Efficiency (SRE)	Performance Highlights
		.2 (50 PA)	.3 (75 PA)	.4 (100 PA)		
30 ERV	19.25 x 17.8 x 18.75	68 (32)	63 (30)	57 (30)	70% 55 CFM (26 L/s)	Unique super compact design easily fits into closets, cupboards or wherever space is limited. 2 speed unit with high speed selectable, top port ducting and built-in ERV section for ease of installation and service. 120/1 /60
METRO 120 ERV	19.375 x 20.75 x 9.75	133 (63)	129 (61)	125 (59)	72% 49 CFM (23 L/s)	Ultra slim cabinet, only 9.75 in. thick. Fits in drop down ceilings and ideally suited for condos and high rise projects or space constrained mechanical rooms. Easy access panel for service. Unit provides factory set balancing suitable for most installations.
130 ERVD	17.25 x 22.75 x 14	155 (73)	146 (69)	138 (65)	75% 64 CFM (30 L/s)	Top port, compact design. Unit features intelligent defrost damper motor HVI certified for cold weather, offers 3 selectable high speed settings and automatic frost prevention. SRE @ -25°C (-13°F): 60% 70 CFM (33 L/s)
170 ERVD	18.75 x 33.625 x 15	184 (87)	172 (81)	161 (76)	75% 65 CFM (31 L/s)	Top port, high-efficiency unit features intelligent defrost damper motor exclusive to Lifebreath. Our premium ERV is HVI certified for cold weather, offers 3 selectable high-speed settings and automatic frost prevention. SRE @ -25°C (-13°F): 57% 65 CFM (31 L/s)

OPTIONAL CONTROLS & TIMERS



BASIC CONTROL | BC02



BASIC CONTROL | BC03



BASIC ERV CONTROL | BC04



20/40/60 MINUTE TIMER | DET01



WIRELESS TIMER | 99-DET02



REPEATER | 99-RX02

OPTIONAL ACCESSORIES



DUAL HOOD | 99-190, 99-194



WEATHERHOOD KITS | 99-185, 99-186



**TECHGRILLE™ | 99-EAG4, 99-EAG5,
• Available in 4 in., 5 in.,
6 in. and 8 in. sizes
99-EAG6, 99-EAG8**



**TERMINATOR FITTINGS | 99-TM4,
• Available in 4 in., 5 in., and 6 in.
99-TM5,
99-TM6**



STACK HEAD ELBOW | 99-WF4, 99-WF6



KITCHEN GRILLE | 10-002, 10-002-2



6 IN. QUICK MOUNT FITTING | 99-QM6



6 IN. SUSPENDED CEILING FITTING | 99-CF6

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Manufacturer reserves the right to change specifications without notice.
Printed in Canada.

WARRANTY

Units carry a 5 year warranty on the enthalpic (ERV) core and a 5 year replacement parts warranty.



ENERGY RECOVERY VENTILATOR
ERV SERIES



Lifebreath Energy Recovery Ventilators (ERVs) are designed to deliver fresh air into the “breathing zones” of a commercial building while exhausting an equal amount of contaminated air to the outside.

These highly efficient energy recovery ventilators work as standalone units complimenting ductless heating/cooling systems or in combination with forced air HVAC equipment.



COMMERCIAL MODEL DESCRIPTION

Model	Dimensions H x W x D (in.)	Applications and Airflows	Electrical	Temperature Effectiveness	Winter/Summer Effectiveness	Performance Highlights
330 ERV	28.25 x 34 x 18.75	Typical airflows up to 300 CFM @ 0.5 in. w.g	120/1/60 3.8 amps	80	77/66	3 speeds, low profile cabinet with service access from either side. Ideal for larger homes and light commercial applications.
530 ERV	32.25 x 35.5 x 29	Typical airflows up to 590 CFM @ 0.5 in. w.g	120/1/60 9 amps	80	77/66	2 speeds, compact cabinet with service access from either side. 2 energy recovery cores for maximum performance.
730 ERV	32.25 x 35.5 x 29	Typical airflows up to 690 CFM @ 0.5 in. w.g	120/1/60 9 amps	80	77/66	3 speeds, compact cabinet with service access from either side. 2 energy recovery cores for maximum performance.
1230 ERV	32.25 x 35.5 x 42	Typical airflows up to 1230 CFM @ 0.5 in. w.g	120/1/60 18.8 amps	80	77/66	3 speeds, 3 energy recovery cores deep in a compact cabinet. Service access from either side allows for flexible installation.



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WARRANTY
 Units carry a 10 year warranty on the enthalpic (ERV) core and a 5 year replacement parts warranty.

ISO 9001 REGISTERED **AHRI CERTIFIED**
AHRI Standard 1090
 Energy Recovery Ventilator (ERV) units. Actual performance may vary.