

ENERGY RECOVERY VENTILATOR

ERV-80/100i / 150i & 250i

ERV-80/100i, 150i & 250i CABINET-STYLE ENERGY RECOVERY VENTILATOR

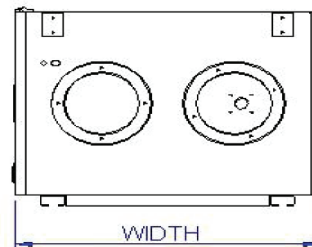
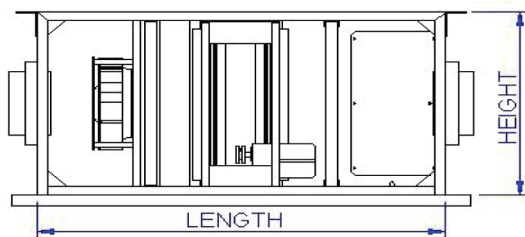
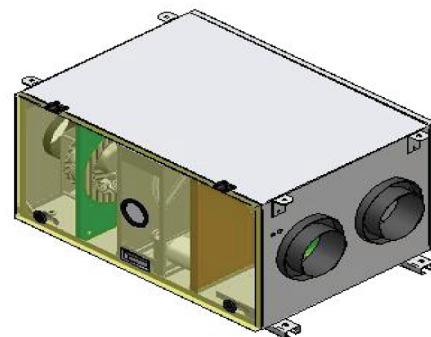
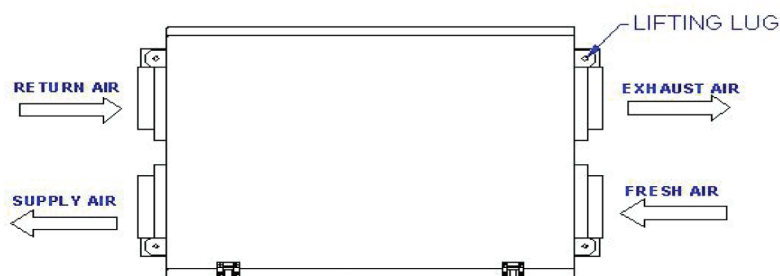
ALL ERV's UNIVERSAL MOUNT, CABINET-STYLE ENERGY RECOVERY VENTILATORS COME STANDARD WITH :

- CNC MANUFACTURED COMPONENT
- OUTER CASING SHELL BE 22 GAUGE PRECOATED PLASTICIZED SHEETS
- INTERNAL COMPONENT SHALL BE GALVANISED STEEL SHEETS
- MOLECULAR SIEVE COATED ALUMINIUM, "ECOFRESH".
TOTAL ENERGY RECOVERY WHEEL.
- COMPACT BACKWARD CURVED RADIAL FANS WITH EXTERNAL ROTOR MOTOR.
- CASING INSULATED WITH 13mm CLOSED CELL, HIGH DENSITY INSULATION TO PREVENT CONDENSATION OF MOISTURE ON EXTERIORS OR INTERIORS OF THE UNIT.
- LARGE PANEL OPENING FOR EASY ACCESS TO FILTERS, AND INSPECTION OF OTHER COMPONENTS.
- REMOTE START/STOP WITH 1.25 MTR. LONG CABLE.
- REMOVABLE, WASHABLE SYNTHETIC PRE FILTERS.
- FEATHER TOUCH WIPER/BRUSH SEALS MINIMIZE CROSS CONTAMINATION & ENSURE LONG LIFE.

SPECIFICATION

MODEL	SUPPLY AIR FLOW CMH	DUCT CONNECTION IN mm	EXHAUST AIR FLOW CMH	DUCT CONNECTION IN mm	SUPPLY BLOWER WATT	EXHAUST BLOWER WATT	BED DRIVE MOTOR WATT	Power Consumption	NOISE LEVEL (dbA)	DIMENSIONS IN MM (EXCLUDING BASE FRAME)			APPROX. SHIPPING WT. IN KG.	AC POWER SOURCE	EFFICIENCY
										L	W	H			
ERV-80/100i	80/100	100	80/100	100	58	58	6	122	45*	650	425	385	26	230V/1Ph/50Hz	Up To 70%
ERV-150i	150	150	150	150	58	58	6	122	45*	700	550	385	32	230V/1Ph/50Hz	
ERV-250i	250	150	250	150	85	85	25	195	45*	800	600	440	51	230V/1Ph/50Hz	

*MEASURED AT 3 MTRS. DISTANCE (AT 90 DEGREES), WHEN UNIT IS DUCTED.



OPTION AVAILABILITY

ECONOMISER	ON REQUEST
SENSIBLE RECOVERY	AVAILABLE
VARIABLE SPEED CONTROLLER	ON REQUEST
ALUMINIUM FILTERS	AVAILABLE
CO2 MONITOR	AVAILABLE
OUTLET DUCT GRILLS	AVAILABLE

ALL DATA SUBJECT TO CHANGE WITHOUT NOTICE





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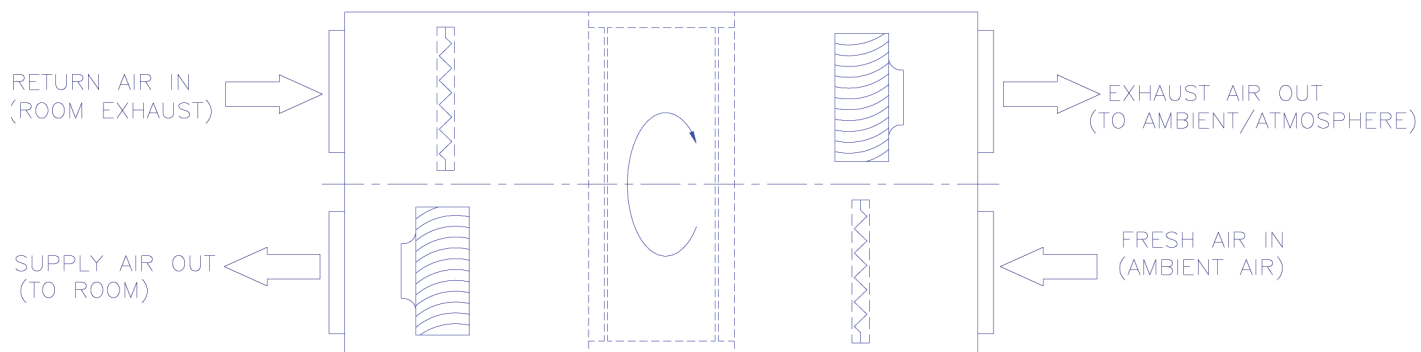
TECHNICAL SPECIFICATION

Bulletin	: DRI-ERV-028-04
Effective	: June 01 , 2012
Supersedes	: DRI-ERV-028-03
Dated	: July 21 , 2011

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SYSTEM FLOW DIAGRAM



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