



DESICCANT ROTORS INTERNATIONAL PVT LTD.

ARCTIC INDIA HOUSE, 20, RAJPUR ROAD, DELHI - 110054 (INDIA)

PHONE : 91-11-23906666 FAX: 91-11-23906600

E-MAIL: dri@pahwa.com, Website : drirotors@pahwa.com

TECHNICAL SPECIFICATION

Bulletin : DRI-ERV-028
 Effective : March 28 , 2009
 Supersedes : Dec 23 , 2008
 Dated :

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

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

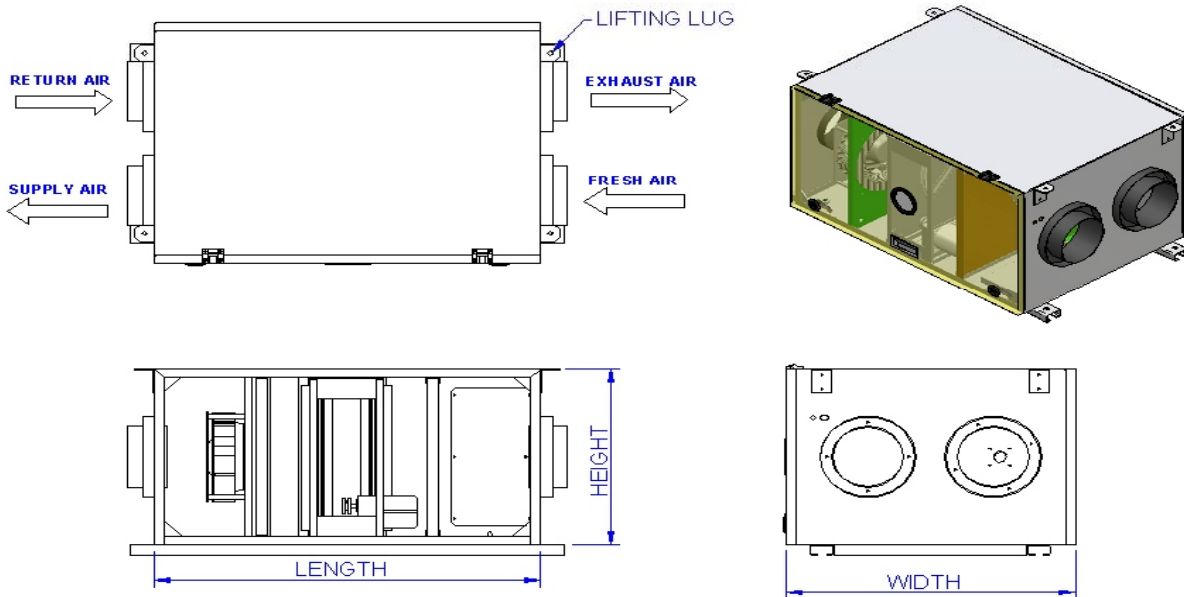
ALL ERV's UNIVERSAL MOUNT, CABINET-STYLE ENERGY RECOVERY VENTILATORS COME STANDARD WITH :

- CNC MANUFACTURED 22/20 GAUGE POWDER COATED CABINET
- 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	32	32	6	70	45*	650	425	385	30	230V/1Ph/50Hz	Up To 70%
ERV-150i	150	150	150	150	87	87	6	180	45*	700	550	385	38	230V/1Ph/50Hz	
ERV-250i	250	150	250	150	142	142	25	300	45*	800	600	440	45	230V/1Ph/50Hz	

*MEASURED AT 3 METRS. 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

