



ADVANCED
AIR CONDITIONING
& VENTILATION
SOLUTIONS



Klimor

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Klimor's representatives look forward to providing you with an excellent product and superior customer service.

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KCX

COMPACT HEAT
RECOVERY VENTILATOR

ADVANCED AIR CONDITIONING & VENTILATION SOLUTIONS



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COMPACT HEAT RECOVERY VENTILATOR



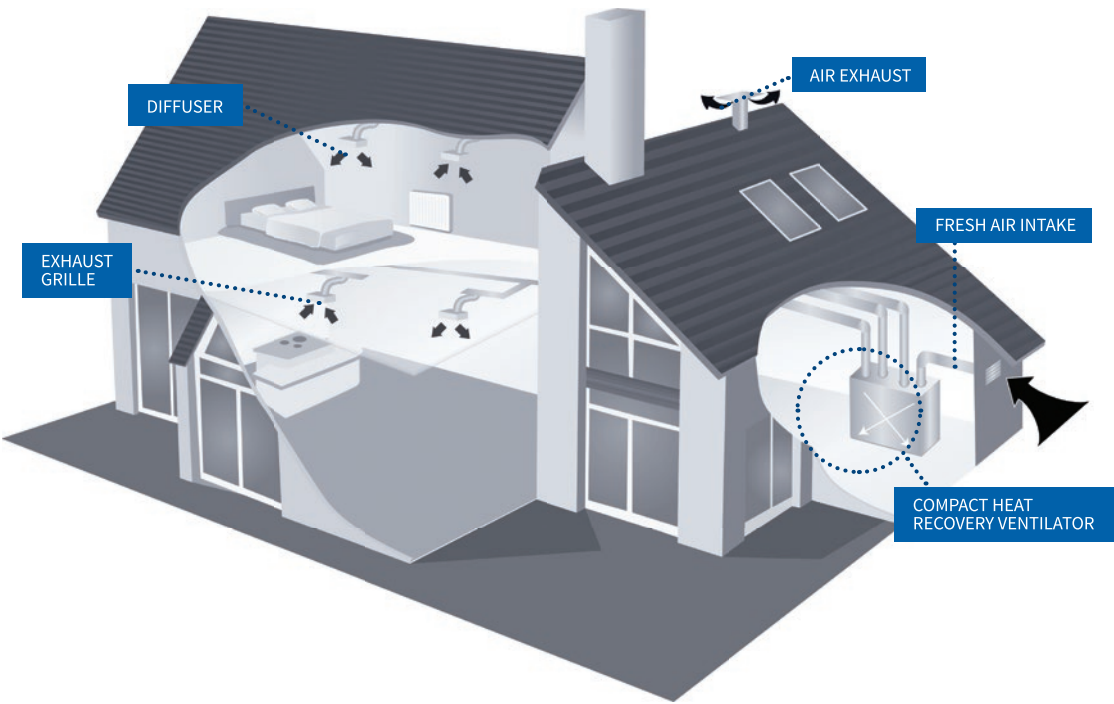
Perfect solution for home and office use

KCX heat recovery ventilators are plug'n play type devices for mechanical air treatment (heat recovery, filtration, heating) in: shops, residential buildings, houses and offices.

GENERAL INFORMATION

The unit is made for providing fresh air and re-move contaminated. Heat recovery is implemented on a counter-flow plate heat exchanger and is based on heat transfer between exhaust and supply air streams. Heat recovery units are designed to work in both: vertical and horizontal positions.

Circular spigots (dimension: 5"×10") placed on top of the unit, are dedicated for connection of heat recovery unit with the whole ventilation system. The unit is ready to cooperate with external air treatment functions: chilled water coil, hot water coil, ground coupled heat exchanger.



CONTROL SYSTEM

Compact KCX HRVs are equipped with control-command automation system together with the intuitive management module (optional component). The Ethernet module enables unit control with use of mobile devices. Introduced application enables stepless control of fans operation together

with other items of equipment i.e. heat recovery exchangers, water or electric heater, chilled water coil or with direct expansion, air filters. On-board controls allow control of other external components installed in the building.

ADVANTAGES OF KLIMOR KCX

PLUG & PLAY UNIT	LOW NOISE LEVEL
RECUPERATOR ENERGY EFFICIENCY UP TO 92%	EC FAN TECHNOLOGY
FACTORY INSTALLED ELECTRICAL HEATER	BY-PASS 100% AS A STANDARD
HORIZONTAL/VERTICAL INSTALLATION	REMOTE MANAGEMENT
AIRFLOW RANGE 58 TO 470 CFM	COMPETITIVE PRICE



TECHNICAL DATA

MODEL		KCX 300	KCX 500	KCX 800
Nominal airflow [CFM at 0.4in. w.g.]		176	294	470
Unit dimensions H / L / D [in]		27 / 28 / 18	30 / 33 / 22	34 / 38 / 26
Unit weight [lbs]		40	60	75
Duct outlets [in]		3 x Ø 5" 1 x Ø 6"3' (air supply)	3 x Ø 6"3" 1 x Ø 8" (air supply)	3 x Ø 8" 1 x Ø 10" (air supply)
Heat exchanger		CPR	CPR	CPR
Exchanger efficiency		up to 92 %	up to 91%	up to 91%
Supply and exhaust fan	Input power	2 x 67 W	2 x 174 W	2 x 178 W
	Input current	2 x 0.5 A	2 x 1.1 A	2 x 1.1 A
Sound power level	In room at airflow	44 dB(A)	43 dB(A)	45 dB(A)
	In duct at airflow	60dB / 57dB(A)	66dB / 60dB(A)	60dB / 57dB(A)
Supply air filter		MERV 13	MERV 13	MERV 13
Exhaust air filter		MERV 6	MERV 6	MERV 6
Air inlet electrical heating coil [W]		1000	2000	3000