

HR 200 WK Heat Recovery Unit



Vent-Axia

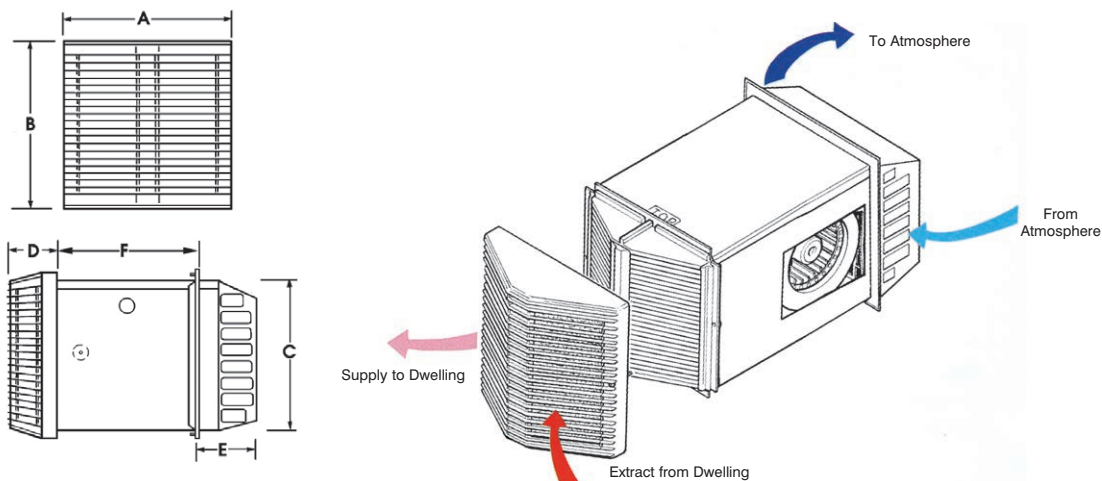
- A heat recovery unit specifically designed for use in residential kitchens and utility rooms. The compact, self contained unit is designed for through wall mounting. The unit has a constant trickle ventilation boosted by a remote humidistat or a 3 speed controller. The compact, self contained unit is designed for through the wall mounting. An optional range of sensors are available. The efficient, polymeric heat exchanger cube will recover up to 75% of the heat from the extracted air, which would otherwise be lost, and transfers this to the intake air. This reduces heating bills whilst maintaining extraction of cooking odours and steam without cross contamination of the airflows. Available in three speeds: 60, 110 and 220 m³/h. Suitable for installation in a kitchen. The unit is also suitable for light commercial requirements up to 220 m³/h. The compact cube interleaves outgoing moist warm air with incoming fresh air and allows the heat from one to warm the other without the two air streams mixing. Up to 75% of the heat, which would otherwise be lost, is transferred to the intake air, ensuring energy saving balanced ventilation. The incoming air is tempered when it passes over the heat exchanger providing the room with drier air, therefore the humidity level drops due to the constant air movement preventing the air inside the room from becoming saturated with moisture. Energy is saved on room heating with no power being used by the cube itself.
- **Efficiency:** the unit should retain between 65% - 75% of the temperature differential of out going air.
- **Heat exchanger:** should be of a multi plate cross-flow type constructed out of a polymeric plastic with sonic welded joints.
- **Motor:** should be a 3-speed 240V 50Hz A/C with sleeve bearings, greased for life. It shall operate up to an ambient temperature of 40°C and be fitted with a one shot thermal overload protective device.
- **Fan:** The two polymeric fan wheels should be a centrifugal forward curve type on a common shaft.
- **Controls:** the unit should be operated via a remote 3 Position switch, humidistat or a humidiswitch.
- **Filter:** should be a washable reticulated foam type coarse filter.
- **Construction:** the unit outer case should be manufactured from brown powder coated sheet metal terminating in an external weather cowl.
- The internal grille should be white ABS.

HR 200WK Series

Type	Speed	Air flow Inlet (m ³ /h)	Air flow outlet (m ³ /h)	Power W	Noise Level dB (A)	Price
HR 200WK	1	60	50	25	19	€ 1.081,00
	2	110	100	60	33	
	3	220	200	140	46	

HR 200WK Series Dimensions

Type	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	Weight (Kg)
HR 200WK	270	270	245	85	68 min	335 max	9,7



Accessories



AK 20 Speed controller



3 Speed switch



Time switch



Air Quality Sensor



Ambient Response Humidity Sensor