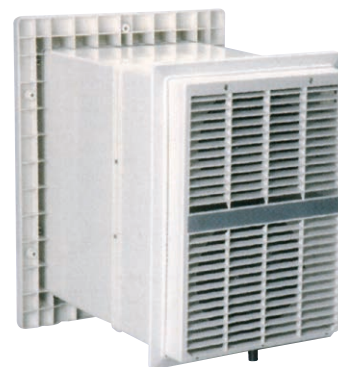


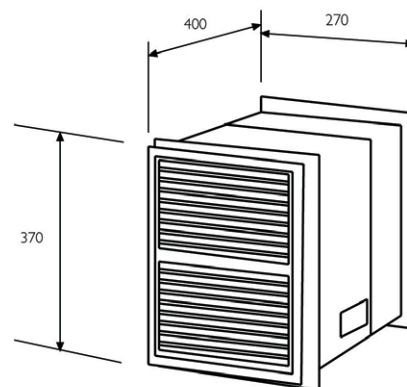
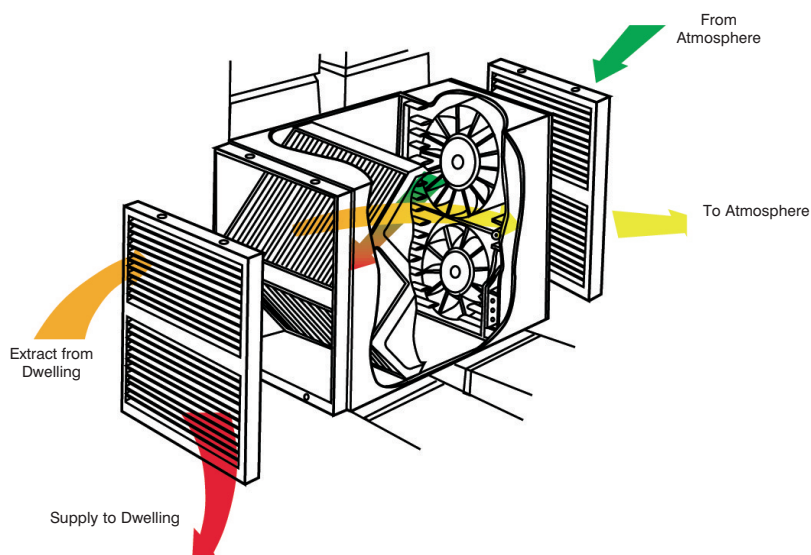
## HR 300 Heat Recovery Unit

- The HR300 unit incorporates 2 specially developed mixed flow fans for low noise and efficiency, with up to 70% heat recovery. Effectively lowering internal relative humidity the HR300 unit controls condensation and eliminates mould growth. Designed for through the wall mounting. Fresh, pre-warmed air from outside is continually provided to the room with simultaneous extraction of stale moist air and smells. Heat is transferred via a unique plastic heat exchanger from outgoing air to the fresh air supply with no cross contamination, maintaining internal temperatures and providing a fresh environment. The unit is fully controllable for speed using a small dedicated speed controller.
- **Automatic ON/OFF** control or switching to boost is easily achieved using sensors/timers e.g. humidistat. For summer operation the heat exchanger can be removed and replaced with a plastic divider board to provide positive cooling to rooms.
- **Available in three speeds:** 75, 210 and 300m<sup>3</sup>/h. It is ideal for light commercial applications including function rooms, offices and classrooms.
- **Efficiency:** The unit should retain up to 70% of the temperature differential of outgoing air.
- **Heat exchanger:** Should be of a multi plate cross-flow type constructed out of a polymeric plastic with ultra sonic welded joints.
- **Motor:** Should be a 240V 50Hz AC with sleeve bearings and greased for life. It shall operate up to an ambient temperature of 40°C and be fitted with a manual reset thermal overload protective device.
- **Fan:** The 2-NF polymeric fan impellers should be of a mixed flow type, dynamically balanced mounted on a fixed stator housing.
- **Controls:** The unit should be operated via a remote 3 Position switch, humidistat or a humidistat.
- **Back Draught Shutter:** The unit should have the option back draught shutter operated via a thermal actuator set to close when unit is powered down.
- **Filter:** Should be a washable reticulated foam type coarse filter.
- **Construction:** The unit outer case should be a rigid ABS moulding.
- The internal/external grille should be a cream coloured ABS moulding.
- Complies to the following approvals/directives: LVD, EMC and CE.



Vent-Axia

HR 300 Series						
Type	Speed	Air flow Inlet (m <sup>3</sup> /h)	Air flow Outlet (m <sup>3</sup> /h)	Power W	Noise Level dB (A)	Price
HR 300	1	75	70	108	37	€ 1.170,00
	2	210	190	108	40	
	3	300	270	108	44	



### Accessories



AK 20 Speed controller



Time switch



Air Quality Sensor



Ambient Response Humidity Sensor