

Centralised ducting system

by Express-air

The Express-air Centralised Ducting System (EACE-5) provides continuous mechanical ventilation throughout the entire house from a single extraction unit and can be used in up to five individual rooms. Made from strong reinforced plastic it is very lightweight, making it easy to install in a loft or ceiling void. A two speed motor is fitted as standard to enable trickle & boost operation via a switch (Available separately). The range offers a standard model & a Humidity model, which switches the fan on at high speed when the humidity reaches a set point. The fan unit is supplied with three extraction inlets, two 80mm inlets, one with a flow regulator at 15m³/hr for toilets and the other at 30m³/hr for bathrooms. There is a 125mm spigot also for Kitchens with tabs to regulate the air flow from 45 - 135m³/hr, plus two further plugged 80mm inlets for larger applications, all discharging from one 125mm extract duct through either a wall or roof terminal.

Air valves, Flexible ducting, Two speed switches & Flow regulators are all available as separate items.



Performance data

Flowrate measurements m³/hr

Measurements made using "CETIAT" flow meter with 6 metres of duct at each outlet

House size	Min. total flowrate	Min. flowrate in kitchen	Norm. flowrate in kitchen	Flowrate in bathroom	Flowrate in toilet
3 rooms	94	46	106	32	16
4 rooms	126	46	122	32	16
5+ rooms	134	52	133	33	17

Model Ref	EACE-5S Standard Model	EACE-5H Humidity Model
Fan Speed:	1575 r.p.m at Minimum speed,	2060 r.p.m at Maximum speed
Sound Volume:	31dBA at Minimum speed,	40dBA at Maximum speed

Technical Data

The EACE-5 centralised fan unit measures 375mm High x 305mm Depth x 290mm Wide (Weight 3.5kgs)

Electrical data: 220-240V -A.C. 50 Hz, consuming 32 watts on minimum speed & 70 watts on maximum-speed. A double pole isolating switch, having a contact separation of at least 3mm in all poles, must be used with a 3 amp fuse fitted, to comply with current IEE regulations. The fan unit must not be accessible to a person using either the shower or bath.

