

CONSULTANTS SPECIFICATION

OPERATION

Whole home ventilation unit with heat recovery for homes without a loft.

COOKERXBOX - UNIT SPECIFICATION

The casing shall be manufactured from easy to clean pre-coated galvanised steel.

A washable flame retardant supply air filter of G3 grade shall be fitted which may be accessed behind the grease filters. The unit shall incorporate two backward curved centrifugal impeller fans for continuous central input and demand activated multiple extract from 'wet' areas.

The fans shall be driven directly by high efficiency AC motors with a maximum power consumption of 60 watts each.

The unit shall incorporate an easily removable, washable plate heat exchanger manufactured in flame retardant aluminium. The heat exchanger shall be arranged to remove heat from the extract airflow and to transfer it to the input airflow whilst permitting no mixing.

Up to 66% of the available heat may be recovered.

The unit shall incorporate an integral grille with washable grease filters and may be configured for general kitchen extract or for above hob application.

The unit input fan volume control setting shall be adjustable via an integral 4 position switch and shall typically provide 14-33l/s continuously with the facility to boost, if required to 47l/s with the extract boost.

The unit extract fan shall operate continuously at a low background rate, typically 15-37l/s, set via an integral 4 position switch, boosting to high duty extract of approximately 47l/s when integral sensor detects available heat in the extract air stream. Alternatively, high duty extract may be via a separate switch (not supplied).

The standard warranty for cookerXbox shall be for 5 years.