

# COMPAKT

Whole House Heat Recovery System



NEW

3 year guarantee



## Features

Exceptionally low Specific Fan Power of 0.37 W/l/s

Up to 90% efficient

Small and compact dimensions

Easy maintenance and servicing facility

Incredibly lightweight, can be horizontally or vertically mounted and right or left side reversible with self sealing duct connections

Unique mounting bracket that can be fitted to the ducting at first fix

Low speed fans

## Benefits

Lowest Specific Fan Power on SAP Appendix Q

Energy Saving Best Practice Performance Compliant

Can fit into the space of a kitchen cupboard. Ideal for properties with up to three bedrooms

Filters can be replaced quickly and easily by the occupant

Most flexible and simplest installation around. Can be wall or ceiling mounted. No tape or mastic necessary.

First fix/second fix option

Reduced noise levels

With a Specific Fan Power (SFP) as low as 0.37 W/l/s and an efficiency of up to 90%, the COMPACT has the best performance on SAP Appendix Q. The exceptionally low Specific Fan Power demonstrates that this powerful little unit will give improved savings on CO<sub>2</sub> emissions.

The COMPACT is small enough to take up the space of a kitchen cupboard and is ideal for 1/2/3 bedroom apartments and houses. The SAP Appendix Q eligible COMPACT unit is EST Best Practice Compliant for up to a kitchen plus 4 wet rooms. The filters are easily accessible from the front of the unit without the use of tools for its annual maintenance check. The COMPACT is 590mm wide, 280mm deep and just 700mm high.

## Controls

The COMPACT has a 3-speed controlled fan motor. The low- and boost speed can be adjusted by a manual potentiometer on top of the unit. The middle speed is automatically set by the software and is at the optimum point between the low and boost speeds.

When there are very low outside temperatures for more than 24 hours the COMPACT unit has a built-in temperature sensor, located within the supply air from outside, to switch-off the fan motor. If this occurs the fan motor will switch off for a short period and will automatically restart itself when the temperature rises.

For uninterrupted air supply and extract volumes in regions with low outside temperatures (< -10 °C for more than 24 hours), a pre- heater in the supply air from outside to the dwelling is required.

## Wireless Control

The COMPACT unit is available with a wireless switch to enable the following functions:

-  Low
-  Middle
-  Boost
-  Timer Function

## Service, Maintenance and Commissioning

The COMPACT can be easily serviced, maintained and commissioned by pulling the unit out of the mounting bracket, without disconnecting the already installed ductwork. Replacing the filters can be done by the end user without the need for tools. In the event of a fault or to clean the air fans, the service technician can easily pull out the complete module from the unit.



Even dismantling the fan motor and printed circuit board is possible without tools. Any necessary maintenance can be carried out with the unit in situ.

## Ease and Flexibility of Installation

Incredibly lightweight, the COMPACT is designed for installation on walls and ceilings to be carried out as a one-man operation. Complete with a unique fixing bracket that can be supplied prior to the unit itself, this enables convenient first fixing of all duct connections and improved on site security. The unit is also left or right side reversible and comes complete with an innovative mounting frame including 125mm easy fit self sealing duct connections to make this the simplest installation around.



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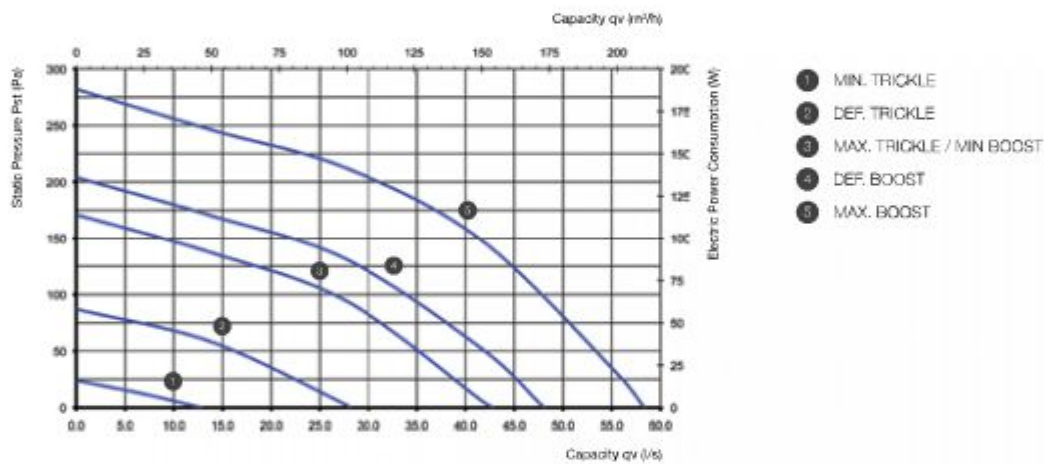
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SAP Appendix Q Performance ●

Description	Units	Kitchen + 1 wet room	Kitchen + 2 wet room	Kitchen + 3 wet room	Kitchen + 4 wet room	Max. Performance
		2 x 15 l/s	2 x 21 l/s	2 x 27 l/s	2 x 33 l/s	2 x 39 l/s
Heat Recovery Efficiency	%	90	89	88	87	-
Specific Fan Power (SFP)	W/l/s	0.37	0.48	0.65	0.83	-
230 VAC Current Consumption	Amp	0.02	0.04	0.07	0.12	0.19
230 VAC Power Consumption	Watt	5.55	10.08	17.55	27.39	44.1
Fan Speed	Rpm	1020	1290	1560	1860	2130
Pressure available for external supply/exhaust duct	Pa	8 / 3	10 / 4	14 / 6	19 / 8	27 / 10

Performance Curves ●



Dimensions (mm) ●

