

90cm rangehood, wall mount, retractable crystal glass visor



ENC — that is, **E**nergy consumed, **N**oise and the **C**apacity of air movement — are very real issues to consumers. Lower energy consumption, lower noise levels and greater air capacities are now achieved in a select group of new Smeg rangehoods.

dimensions	900mm W x 330/480mm D x 1065mm H maximum
finish	satın stainless steel + crystal glass
installation	wall mount
motor	400 watt centrifugal, twin impellers, double-sided air uptake
capacity	1000 ³ m/hr net
noise rating	23–65 dBA
extraction	<ul style="list-style-type: none"> • direct duct to atmosphere, 150mm diameter ducting required • recirculate to kitchen, 125mm diameter ducting required
NB	<ul style="list-style-type: none"> — 150/125mm diameter ducting adaptor supplied — recirculation diverter kit supplied
illumination	two 20 watt halogen globes, separate ON/OFF button
speeds	six — speeds 1, 2, 3, 4, intense, super intense; two buttons
delay stop	five-minute delay stop for fan and lights
cleaning prompt	<ul style="list-style-type: none"> • 30-hour prompt to inspect grease filter • 120-hour prompt to inspect charcoal filter
filtration	three stainless steel/aluminium grease 4-ply filter, removable, warm hand wash
option	activated charcoal filter cartridge for optional fitment in the recirculation installation, part number 08999802
warranty	two years parts and labour

ENERGY

The perfect electric balance of the ENC motor and its advanced electronic control have allowed quite substantial reduction in energy consumption. The saving has been in the order of 70% compared to traditional motors. For example, only 149 watts at 700m³/hour net.

NOISE

Normal domestic conditions require up to 500m³/hour net air extraction. Within the ENC portfolio, reductions in noise perception go from a minimum of 30% at 500m³/hour to 65% at 300m³/hour. Of interest is measured values of 34 dBA at 280m³/hour, 41 dBA and only 48 dBA at 500m³/hour. These very significant results are achieved without the use of noise reduction materials.

CAPACITY

While the most domestic cooking requires up to 500m³/hour true net capacity, even for the more vigorous styles of cooking such as pasta boiling and stir frying, the ENC rangehoods are capable of 1000m³/hour net. This is a real reserve of power for use in critical or emergency conditions such as excessive smoke, heat or odours.

ELECTRONIC CONTROLS

Four plus and minus buttons control the dimmable halogen lights and the eleven speed selections. A linear display indicates the intensity of the air movement selection.

MAINTENANCE

No tools required — easy lift-out pair of grease filters for washing. For light replacement, simply rotate the decorative flange for access to halogen globes.

DELAY STOP

When cooking is finished, it is recommended that the rangehood be left running, even at a lower speed, for a few minutes to pull through all residual heat, grime and odours. The ENC rangehood can be selected, via the fan button, to continue operating for five minutes and then turn itself off, thereby eliminating the need to return to the rangehood to turn it off manually.

DUCTING TO ATMOSPHERE

Extracting the air direct to atmosphere ensures the maximum removal of grease/oil/particle-laden vapour, odours and, very importantly, the heat — resulting in a cleaner, more comfortable cooking environment. An internal ducting pipe could, ideally, continue in a straight line within the decorative flue to the kitchen roof, then through the roof cavity and exit via a roof cowl. If the rangehood is mounted against an external wall, the ducting could, as effectively, exit at the rear anywhere along the vertical line of the concealing decorative flue and at a position that is structurally feasible for an external wall cowl.

RECIRCULATION

When the cooking vapours cannot be ducted to atmosphere — that is, the rangehood is mounted on an internal wall and/or there is another storey above — the supplied recirculation kit is inserted into the telescopic flue.

An activated charcoal filter can be fitted below the centrifugal motor. This will effectively diminish cooking odours. The charcoal filter is not to be washed and is replaceable.

DUCTING MATERIAL

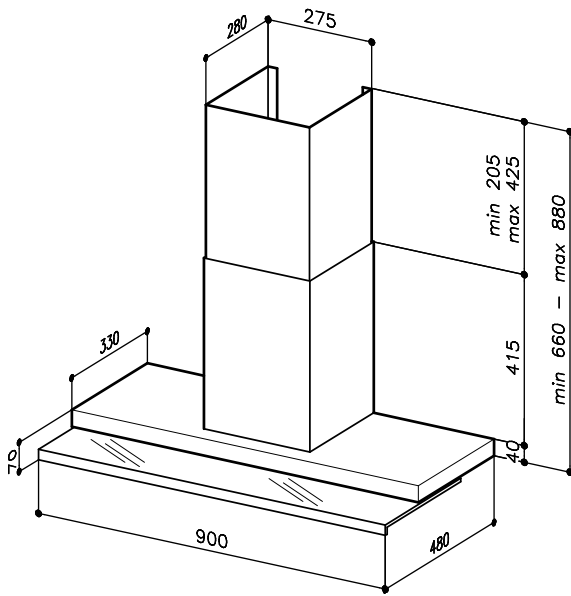
The smooth internal walls of either galvanised sheet metal piping or high temperature resistant PVC will assist in both greater unobstructed airflow and a quieter operation. Flexible ducting can be considered for the very short run and difficult obtuse bends.

CHARCOAL FILTER

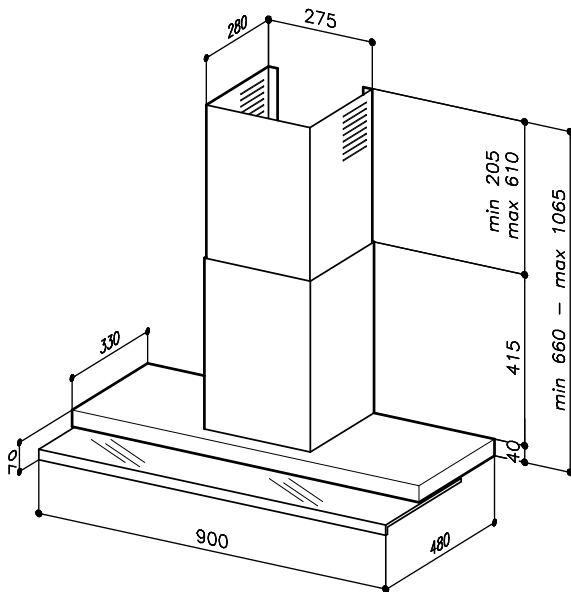
In the recirculation mode, the rangehood is also sending the cooking odours back into the kitchen. An activated charcoal filter panel, part number 08999802, can be inserted just below the motor housing to effectively diminish the cooking odours. This charcoal filter is not to be washed; however, it is replaceable.

90cm rangehood, wall mount, retractable crystal glass visor

direct ducting to atmosphere



recirculation to kitchen

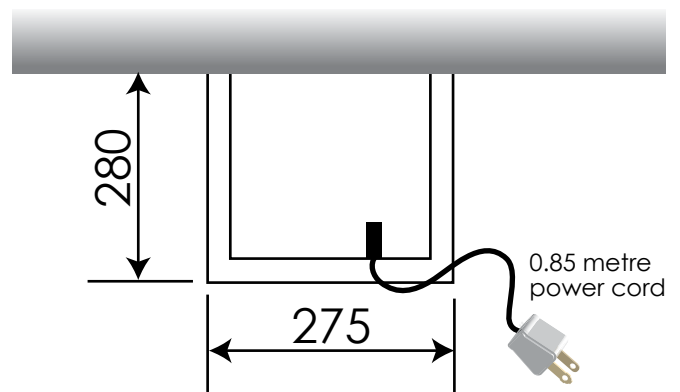


PLEASE NOTE the difference in maximum heights between the 'direct duct to atmosphere' installation and the 'recirculation' installation. The recirculation installation's maximum height is 1065mm due to the active recirculation vents necessarily being exposed on each side of the chimney. The 'direct duct to atmosphere' installation shows the now redundant recirculation vents being concealed by the lower chimney by reversing — that is, turning the upper chimney piece 180 degrees on the vertical.

If a higher chimney height is required for the 'direct duct to atmosphere' installation, that is, up to 1065mm, simply follow the 'recirculation' installation and have the recirculation vents exposed, though redundant.

electricity supply	240 volt, 50 Hz
electrical connection	0.85 metre connected power cord for plugging to standard 10 amp GPO
wattage	250 watt, 2 x 20 watt halogen globes, 290 watts total
current	1.21 amps
packaged dimensions	1170mm x 1060mm x 660mm = 0.82m ³
gross weight	60.86 kg
net weight	33 kg
supplied	<ul style="list-style-type: none"> instructions for installation, operation, maintenance screws and wall bracket 150/125mm diameter ducting adaptor recirculation diverter kit
optional	activated charcoal filter cartridge to slot below the centrifugal motor in the recirculation installation, part number 08999802

SPEED	1	2	3	4	5	6
net air capacity m ³ /hr	160	260	350	450	780	1000
pressure mm H ₂ O	2	4	6	9	34	58
wattage	7	18	30	44	213	470
noise dBA	23	33	40	45	59	65



chimney plan detail

NB: drawings are not to scale — they are to assist only

WARNING: technical specifications and product sizes can be varied by the manufacturer without notice. Cutouts for appliances should only be by physical product measurements. The above information is indicative only.