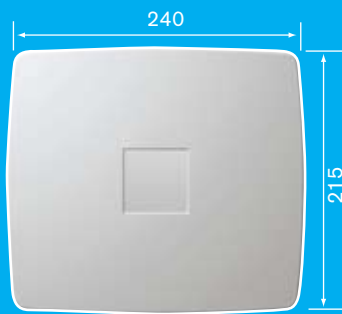


RF90

Centrifugal recessed fan with filter

Physical specification

All measurements in millimetres.



Front



Side

Weight 1.3 kg
Materials: Satin finish white ABS plastic with PVC exhaust seal.

Features

- 100mm recessed centrifugal fan
- Suitable for wall, ceiling and panel installations
- Backplate can be fully installed before fan and motor assembly are fixed to enable easy installation
- Simple screw fix design for fast ceiling installation
- Modern, stylish front fascia design
- Integral filter – easily removed for washing

Controls

Model	Operation	IP	Voltage
RF90BW	Single speed.	44	230
RF90TW	Single speed with timer (adjustable to 30 mins).	44	230
RF90HTW	Single speed with humidistat/timer.	44	230
RF90DTW	Dual speed with delay on timer.	44	230

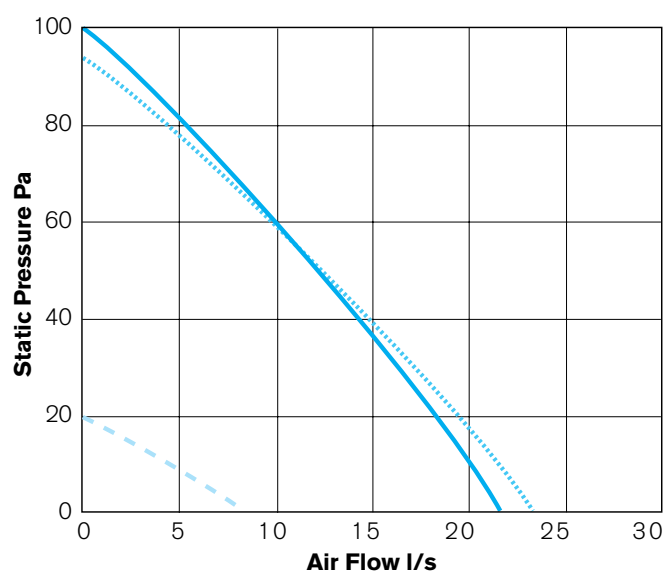
Full details of control options on page 045.

Installation

- Wiring:** Must comply with IEE Regulations, see wiring diagrams on page 043.
- Installation:** Diagrams, see page 042.
- Cable:** 1mm² Ø max.
- Fuse:** 3 amp normally required (when fan is supplied from a 6A lighting circuit no local fuse is required).
- Exhaust:** Ø 100m.

Performance

Model	Performance to BS 848 Pt1 in free air				Sound Pressure level @ 3m dB(A)
	Normal m ³ .h ⁻¹	Normal l.s ⁻¹	Slow m ³ .h ⁻¹	Slow l.s ⁻¹	
RF90BW	75	21			41
RF90TW	75	21			41
RF90HTW	75	21			41
RF90DTW	82	23	30	8	41



Electrical Specification: 230V~50Hz Class II
Consumption: 20W
 10W – RF90DTW (slow speed)

Specification

CE MARKED

2 YEAR GUARANTEE

COMPLIES TO:
LOW VOLTAGE DIRECTIVE
EMC COMPATIBILITY DIRECTIVE

IP44 RATED

Select: Bathrooms

Ancillaries



EG1 Complementary fixed blade louvred grille in semi-matt ABS plastic, UV stabilised. Choice of white or brown grille (page 148).



ED1 Easyfix 100mm ducting plastic wall liner with integral screw-fixing channels for one visit installation (page 145).



Flexiduct Flexible 100mm PVC and aluminium ducting (page 146).



Slimduct System 225 A slim profile ducting system for concealing within the building structure (page 138).



GD4 Modular lightweight PVC ducting system (page 140).



LRB Plastic wall baffle for low rise and sheltered sites. Available in various colours (page 148).



ESB Wall baffle for exposed and high rise sites (page 149).



V4P Roof cowls for 100mm single exhausts (page 148).



FF100 Fast fix wall duct system. Comprises 100mm PVC duct, external wall duct seal and external grille, choice of white or brown grille (page 144).



GG42 External louvred wall vent available in white or brown (page 140).



RAB Plastic recessed air brick with integral housing and PVC duct seal. Available in various colours (page 148).