

hpkffans

- **Quiet solution**

HPKF offers high performance extract with low noise levels (at top speed 60 dBA).

- **Building regulations**

Operates in conjunction with "rapid ventilation" such as trickle vents in windows.

- **High performance**

HPKF has very high flow rates (in excess of 100ls), ideal where more than minimum extract rates are required.

- **Flexible controls**

HPKF has a wide range of control permutations.

- **Typical applications**

Ideal for houses with 'multiple' occupation such as student accommodation or kitchens where high levels of moisture and pollutant generation are expected.

- **Re-usable filter**

Unit incorporates a removable expandable aluminium, washable grease filter, ensuring low but regular maintenance.

- **Automatic boost**

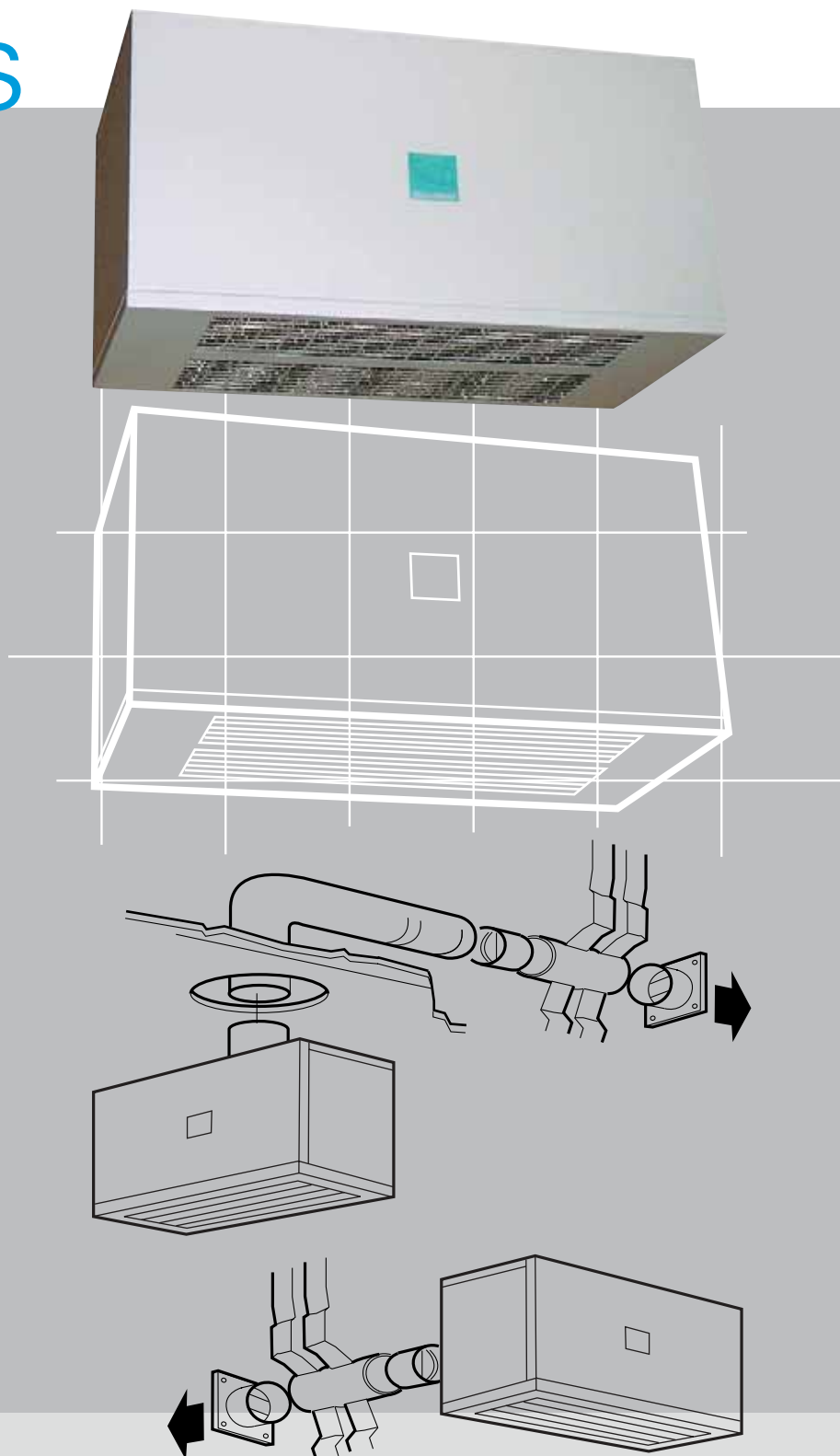
Unit can boost to half or full speed via an integral adjustable temperature sensor.

- **Manual boost**

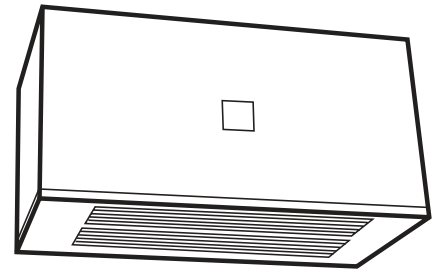
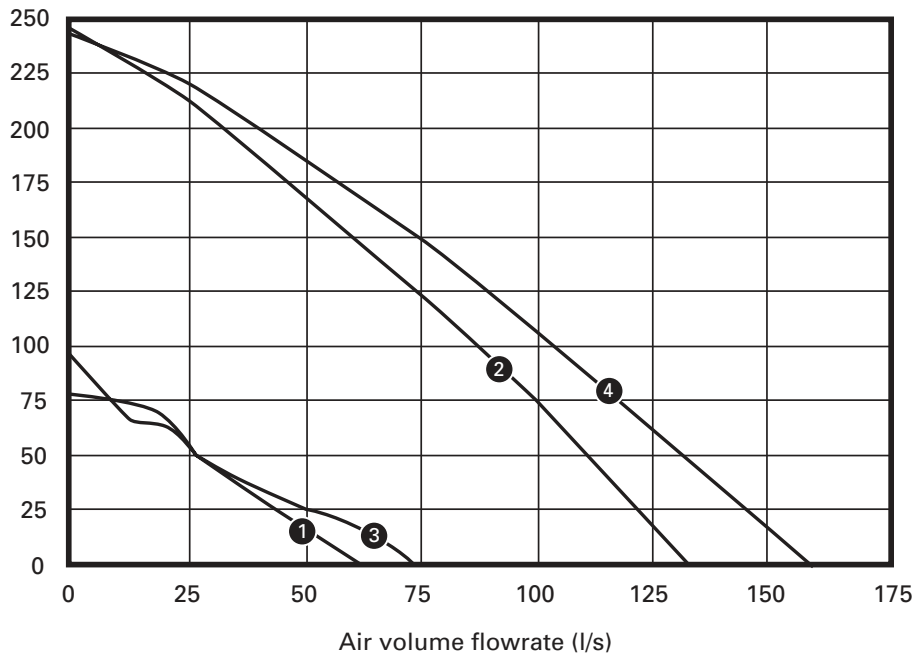
Remote control switch (supplied) allows for manual boost to half or full speed.

- **Warranty**

HPKF has a 3 year warranty.

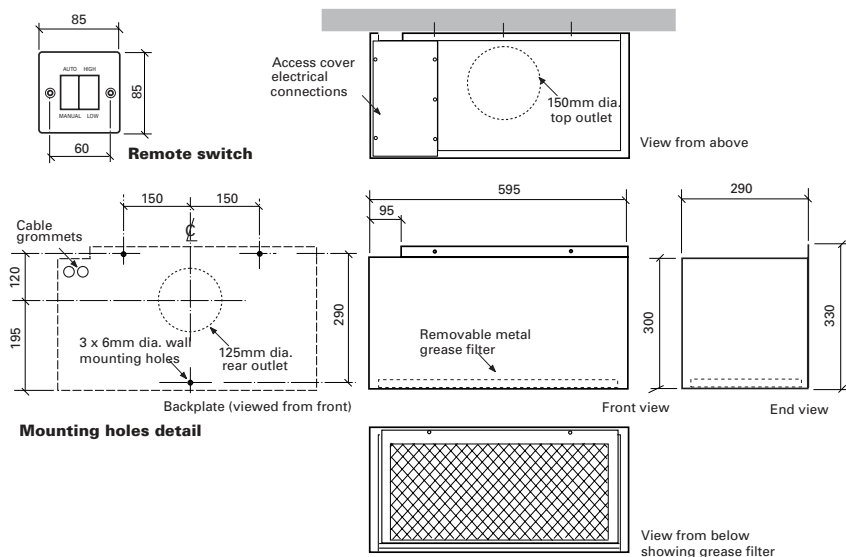
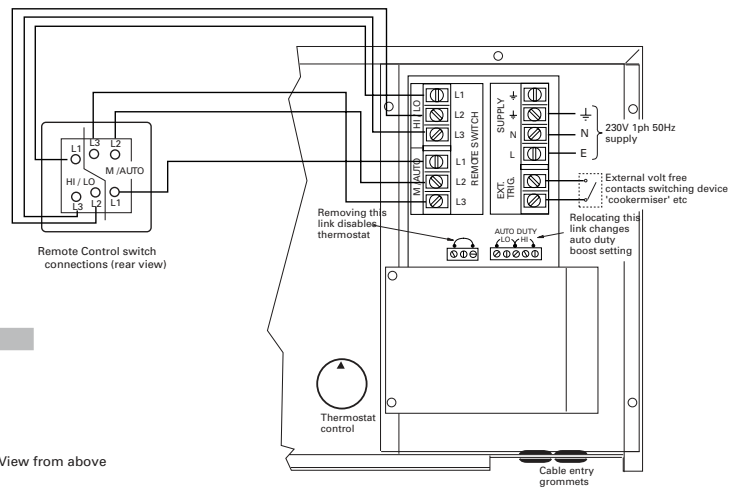


Performance HPKF



- 1 125mm dia outlet spigot low speed
- 2 125mm dia outlet spigot high speed
- 3 150mm dia outlet spigot low speed
- 4 150mm dia outlet spigot high speed

Dimensions and Wiring



Wall Fixing Kits & Spare Filters

Product	Description	Reference	Dimensions (In mm unless indicated)	Resistance Pa (Pa/m for duct lengths) @		
				15 l/s	30 l/s	60 l/s
	Wall mounting gravity operated anti-backdraught shutters and telescopic wall duct 300-550mm.	PVC WALL/1* PVC506 + PVC130-5	For 100 dia. fan spigot For 125 dia. fan spigot	7 7	10.5 9	21 11
	Wall mounting weather louvre complete with fly screen and telescopic wall duct 300-550mm.	PVC WALL/2* PVC 508	100 dia. fan spigot 125 dia. fan spigot	13 6	50.5 21	* 80
	Wall mounting rectangular cowled outlet complete with telescopic wall duct 300-550mm.	PVC WALL/3* PVC502 + P130-5	100 dia. fan spigot 125 dia. fan spigot	9 7	29 12	100 36
	Wall mounting circular cowled outlet with telescopic wall duct 300-550mm.	PVC WALL/4*	For 100 dia. fan spigot	7.5	31.5	123
	Wall mounted airbrick with reducer, 155mm length of 110 x 54 duct and rectangular to 100mm dia. adaptor.	PVC WALL/5*	100 dia. spigot	25.5	44	126
	Low resistance wall mounting weather louvre and telescopic wall duct. 300 - 550mm.	PVC WALL/6*	100 dia. spigot	2	8	31
	Return air box with 2 wall mounting weather louvers with fly screens and telescopic duct 300-550mm.	PVC 116 WH PVC 516 WH	100 dia. ducting 125 dia. ducting	- -	- -	- -
 	Louvre Grille Louvre Grille with flyscreen	PVC5904 PVC5040	200 x 200 200 x 200	0.6 2.0	2.1 7.1	7.7 24.6
 	Telescope assembly Adjustable between 250-450 mm Recommended for ducting through cavity walls	PVC 130-5WH	125 inner pipe 125 outer pipe	For other pressures use $P_2 = P_1 (Q_2/Q_1)^2$		

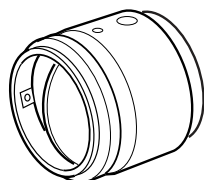
Spare Filter Sets

	Opus 30 & 60	630016		
	Opus 100 & 150 Surface	772275		Opus 100 & 150 Ducted 040689

NOTE:* Not normally suitable. OA = Overall dimensions.
Stock colour is white. However, outlets are available in four colours on request:

- Brown (RAL 8017)
- Red-Terracotta (RAL 8012)
- Beige-Cotswold (RAL 1001)
- White (RAL 9010)

Fire Dampers & Fire Brakes



Typical Specification

Fire dampers: shall have been tested in accordance with DIN 4102 part 6 trigger at a temperature of 72°C and latch into the closed position when activated.

Typical Code:

100mm CFD-100, 125mm CFD-125, 160mm CFD-160, 200mm CFD-200

Dimensions

Dimensions to be duct diameter x 72mm wide. Each fire damper will add a resistance of:

Diameter	@ 15 l/s	@ 60 l/s
100mm	1Pa	5Pa
125mm	1Pa	2Pa
160mm	1Pa	1Pa
200mm	1Pa	1Pa