

# RAPID RESPONSE FAN

Our global team of fan engineers have developed a ceiling exhaust fan like no other. Never before has a ceiling fan had so much engineering and time invested into it. Two years of design and development have resulted in one of the most powerful fans in its class with the quietest noise levels. Every element of the unit has been optimised for peak performance and enhanced efficiency. We have designed the fan with both the installer and homeowner in mind, it is extremely easy to install, has a modern design and a performance you can rely on.

## **Optimised Impeller**

Specially designed forward curved centrifugal impeller with an optimised variable radius inlet path. Blades are positioned at specific angles and intervals to achieve maximum air flow and efficiency, resulting in more power and less noise.

## **Aerodynamic Design**

All parts of the fan have been aerodynamically engineered to allow air to flow through the fan with the least possible resistance, resulting in powerful performance matched with smooth and quiet operation. The inlet has been shaped to provide the smoothest entry for air and the expansion chamber is situated in the optimum position to guide air flow out of the fan.

## **Engineered Grille**

The matching grilles have been aerodynamically engineered to allow air to flow into the fan with minimal possible resistance, resulting in smooth efficient air flow and low noise levels.

## **Quiet Backdraft Shutter**

Our engineering team have developed an ultra quiet backdraft shutter. It produces minimal air flow resistance and requires no power to operate.

## **Powerful Motor**

Dynamically balanced motor with hardened steel shaft and sealed for life silicone ball bearings guarantee an extra long life span matched with high speed operation and performance.

## **Built To Last**

We know this fan has been built correctly with only quality components. This means we can offer a groundbreaking 5 year warranty.





Rotate swing clips to hold fan body in place.



Tighten screws so clips clamp onto ceiling board.



Long clip-in spigot makes installation & duct connection easier.

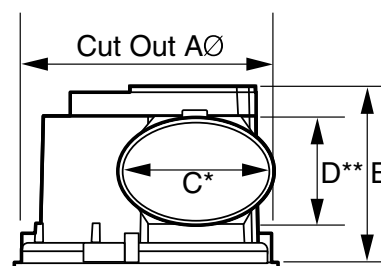
## RAPID RESPONSE

### DUCTED CEILING FAN



The Response header box exhaust fan is the quietest and most powerful in its class. It includes features such as a unique swing clip and removable spigot that makes it very easy to install. There are two sizes available; an 8 inch model and a 10 inch model. Both are available with a run-on timer.

- The ultra quiet 8" model is ideal for odour and dampness removal from toilets, ensuites and cupboards.
- 10" model provides stronger air flow performance to ensure steam is cleared from rooms such as bathrooms and ensuites.
- Advanced impeller and housing design provides powerful air flow and minimises noise.
- Can be retrofitted into an existing standard 8" and 10" round fan cut out.
- Low resistance non-return backdraft damper maximises air flow performance.
- Matching grilles are easy to remove, which makes cleaning easy.
- Includes sealed for life ball bearings.
- High strength swing clips make installation easy.
- Available with a modern square or round grille (See page 26). Square grille can be easily rotated to align with walls.
- Both models available with 3-15 minute adjustable run-on timer (RESPF150T and RESPF8-T).



\* RESPF8 comes with spigot to suit both 100mm and 150mm duct.  
RESPF150 comes with spigot to suit 150mm duct only.

MODEL NO.	DESCRIPTION	CUT OUT AØ	B	C*	D**
RESPF8	Fan body	250	195	105/170	94/120
RESPF8-T	Fan body with run-on timer				
RESPF150	Fan body	290	197	170	120
RESPF150T	Fan body with run-on timer				

All dimensions in mm

MODEL NO.	AIR FLOW M <sup>3</sup> /HR†	AIR FLOW L/SEC†	FAN SPEED RPM	AVG. dB(A) @ 3M	WATTS	VOLTS
RESPF8 RESPF8-T	216	60	950	29	30	230-240
RESPF150 RESPF150T	349	97	950	37	60	230-240

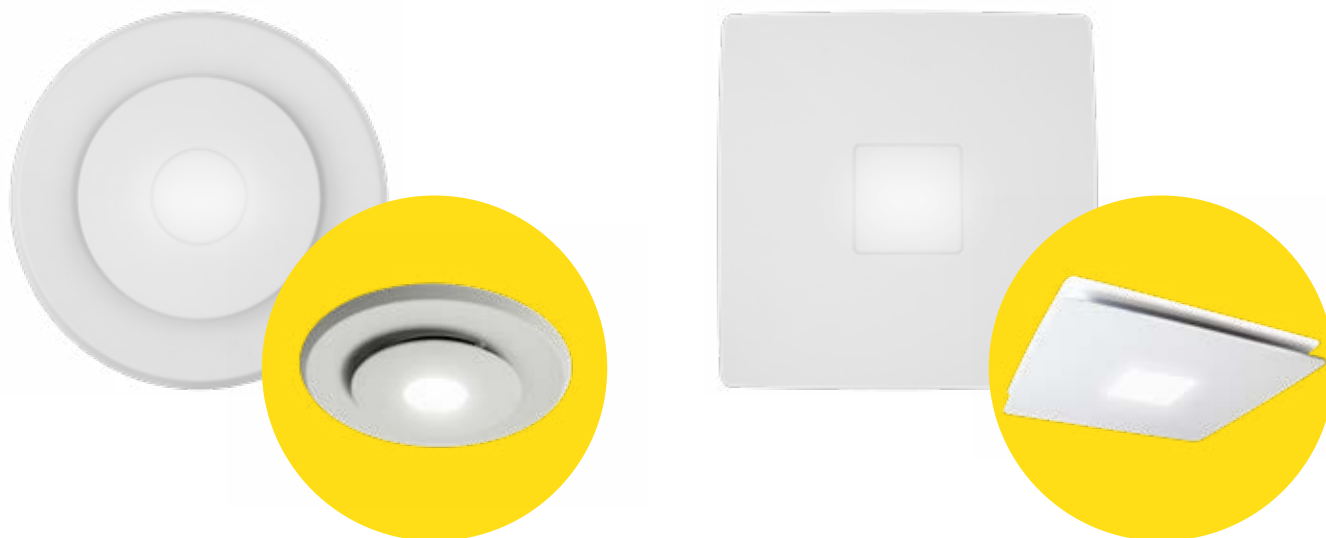
† Air flow without duct and fittings

See page 110 for performance curves.

#### SPECIAL NOTE

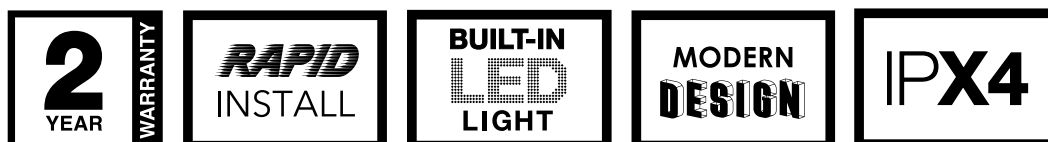
Timer model RESPF150T and RESPF8-T includes a plug and lead to suit HPM 33, or Clipsal 413/4P bases (with 4 pin sockets).



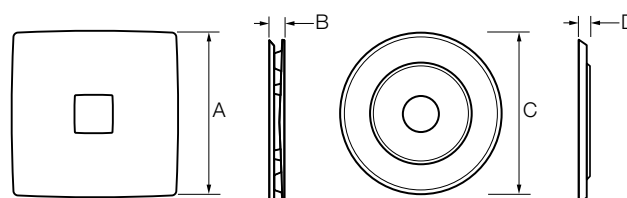


# RAPID RESPONSE

## GRILLES WITH LED



The Rapid Response Grille with LED light will brighten up any bathroom, ensuite or toilet. The LED light is positioned in the centre of the grille and can be controlled separately to the fan itself. It maintains a stylish, modern design to suit any setting.

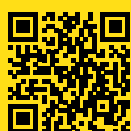


- LED light feature.
- Available in Round and Square.
- Available in 2 sizes to suit 8" and 10" Rapid Response header box fan models.
- Stylish, contemporary design.
- LED light & Rapid Response Fan can be controlled separately.
- Quick & easy to install.
- Can be retrofitted to a previously installed Rapid Response Fan.
- Complies to: AS/NZS 60598.2.2:2001 and AS/NZS 60598.1:2013 Certificate No.: SAA152082

MODEL NO.	GRILLE	A	B	C	D
<b>RESPG8-SQWH-LED</b>	8" Square Grille White Finish with LED	300	28	-	-
<b>RESPG8-RNWH-LED</b>	8" Round Grille White Finish with LED	-	-	294	19
<b>RESPG150SQWH-LED</b>	10" Square Grille White Finish with LED	353	30	-	-
<b>RESPG150RNWH-LED</b>	10" Round Grille White Finish with LED	-	-	332	24

All dimensions in mm

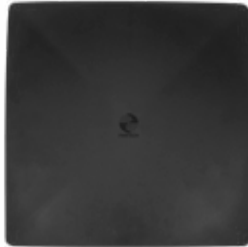
MODEL NO.	GRILLE	LUMENS (LM)	INPUT POWER (W)	COLOUR TEMP (K)	BEAM ANGLE (°C)
<b>RESPG8-SQWH-LED</b>	Square	1000	12	4200	180
<b>RESPG8-RNWH-LED</b>	Round	800	9	4200	180
<b>RESPG150SQWH-LED</b>	Square	1000	12	4200	180
<b>RESPG150RNWH-LED</b>	Round	800	9	4200	180



Scan the code or take a look on our website to watch the fan in action



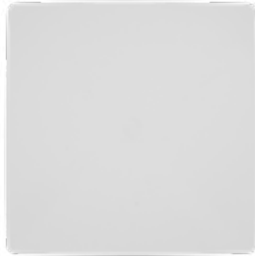
RESPG150RNBK



RESPG150SQBK



RESPG8-RNWH  
RESPG150RNWH



RESPG8-SQWH  
RESPG150SQWH



#### Round Grille Installation

Pinch the ends of the metal spring clips together.

Feed the clips through the small slots on either side of the fan body.



#### Square Grille Installation

Push the grille onto the base of the fan until the clips click into place.

Rotate the grille to the desired position.

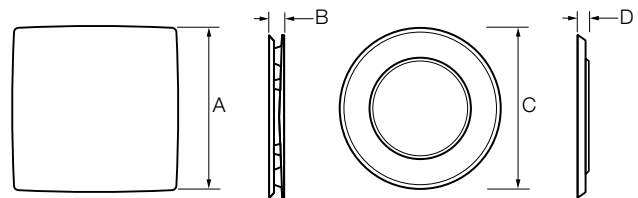
## RAPID RESPONSE

### GRILLES



The stylish Rapid Response Grille has a contemporary design and is available in a white or black finish.

- Available in Round and Square.
- Available in 2 sizes to suit 8" and 10" Rapid Response header box fan models.
- Stylish, contemporary design.
- Quick & easy to install.
- Can be retrofitted to a previously installed Rapid Response Fan.



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RESPG150RNWH	10" Round Grille White Finish	-	-	332	24
RESPG150SQBK	10" Square Grille Black Finish	353	30	-	-
RESPG150RNBK	10" Round Grille Black Finish	-	-	332	24

All dimensions in mm

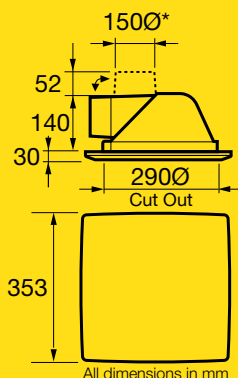
## RAPID RESPONSE CEILING GRILLE WITH CLIP-IN SPIGOT

The modern looking Response Ceiling Grille has been designed for ducted systems using an in-line fan and external grille. It features a clip-in spigot that can be positioned for horizontal or vertical duct connection.



Spigot can be mounted horizontally or vertically.

\* Oval spigot designed to fit 150mm duct.



All dimensions in mm

- Can be retrofitted into a standard 10" round fan cut out.
- Unique 'push-out' ceiling clamps make installation easy.
- Clip-in spigot makes installation and duct connection easier.
- Grille can be easily rotated to align with the walls and removed for cleaning.

**Model No. RCG150SQWH**



## EFFECTIVE VENTILATION FOR INTERNAL POWDER ROOMS

Internal powder rooms can be difficult to ventilate properly due to the long duct runs associated with the installation. The Fantech Trade Rapid Response is the most powerful ducted ceiling mounted exhaust fan on the market.

# VENTILATION SYSTEMS FOR CATHEDRAL CEILING AND SUB-FLOOR INSTALLATIONS

Don't trap your fan between tight ceiling spaces. Low profile fans and rigid flat duct are ideal for cathedral ceilings or between sub-floors in multi-story apartments or houses.

HOME WITH CATHEDRAL CEILING

Cathedral ceiling

A rigid duct 'Flat Pack' system has smooth inner surfaces to minimise pressure loss, while its "easy-to-fit" components make it easy to install.

Header box extraction fans such as the Rapid Response have been designed to fit into low ceiling heights. Ideal for clearing bathrooms of steam or toilets of odours.

APARTMENT WITH LIMITED CEILING SPACE

Sub-floor space