

# 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 Grilles**

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 3 year warranty on our Rapid Response 250 models and a groundbreaking 5 year warranty on our Rapid Response 200 and 250HP models.



# RAPID RESPONSE SELECTION GUIDE













## SELECT SUITABLE FAN BODY SIZE

Step 1

Application	 Toilets	 Powder rooms	 Small/medium bathrooms	 Small/medium Ensuites	 Medium/large Bathrooms	 Medium/large Ensuites
	 Walk in wardrobes	 Laundries				
Fan body Model	 Rapid Response 200 (RESPF8/-T)		 Rapid Response 250		 Rapid Response 250HP (RESPF150/T)	

## SELECT GRILLE TYPE

Step 2

 Square grille white finish (RESPG8-SQWH)	 Fan body comes with square grille white finish (RESPFG10SQWH)	 Square grille white finish (RESPG150SQWH)
 Square grille white finish with Tri-Switch LED light (RESPG8-SQWH-LED)	 Fan body comes with round grille white finish (RESPFG10RNWH)	 Square grille white finish with Tri-Switch LED light (RESPG150SQWH-LED)
 Round grille white finish (RESPG8-RNWH)		 Square grille black finish (RESPG150SQBK)
 Round grille white finish with Tri-Switch LED light (RESPG8-RNWH-TRILED)		 Round grille white finish (RESPG150RNWH)
		 Round grille white finish with Tri-Switch LED light (RESPG150RNWH-TRILED)
		 Round grille black finish (RESPG150RNBK)

## INSTALLATION MADE EASY



Rotate swing clips to hold fan body in place.



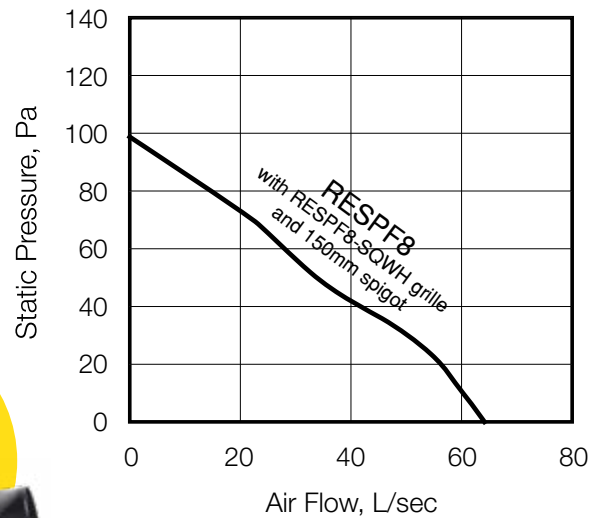
Tighten screws so clips clamp onto ceiling board.



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



See page 32-33 for grille options.



# RAPID RESPONSE 200

## DUCTED CEILING EXHAUST FAN

**5**  
YEAR WARRANTY

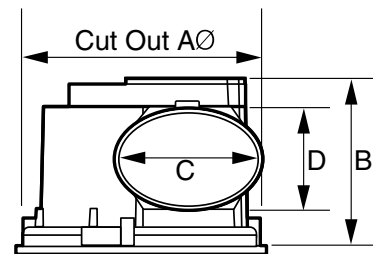
**RAPID**  
INSTALL

**POWERFUL**  
AIR FLOW

**IPX4**

The ultra quiet Rapid Response 200 header box exhaust fan is ideal for odour and dampness removal from toilets, powder rooms, laundries and cupboards. It includes features such as a unique swing clip and removable spigot that makes it very easy to install.

- Advanced impeller and housing design provides powerful air flow with minimal noise.
- Can be retrofitted into an existing standard 8" 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 32-33). Square grille can be easily rotated to align with walls.
- Available with 3-15 minute adjustable run-on timer (RESPF8-T).
- Comes with spigot to suit both 100mm and 150mm duct.



MODEL NO.	DESCRIPTION	CUT OUT AØ	B	C 100/150mm spigot	D
RESPF8	Fan body	250	195	105/170	94/120
RESPF8-T	Fan body with run-on timer				

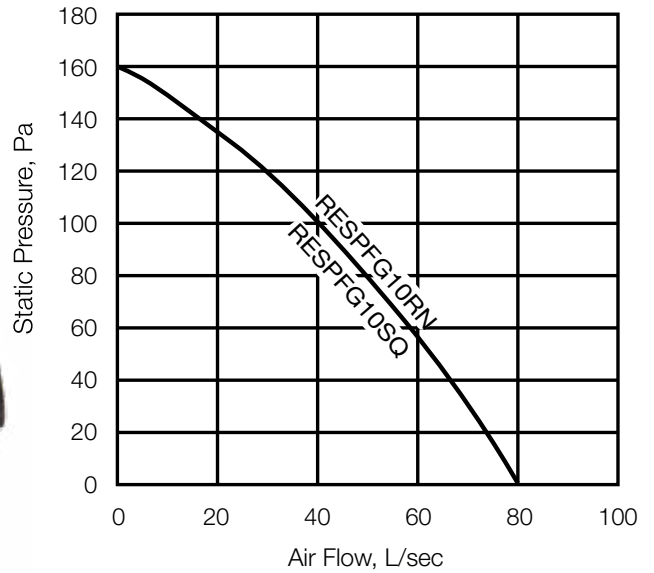
All dimensions in mm

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

† Air flow without duct and fittings

**SPECIAL NOTE**

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



# RAPID RESPONSE 250

## DUCTED CEILING EXHAUST FAN WITH GRILLE

**3**  
YEAR  
WARRANTY

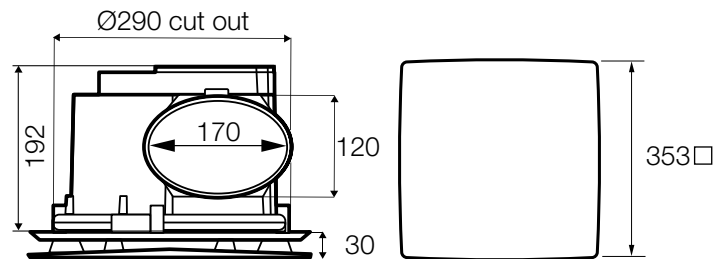
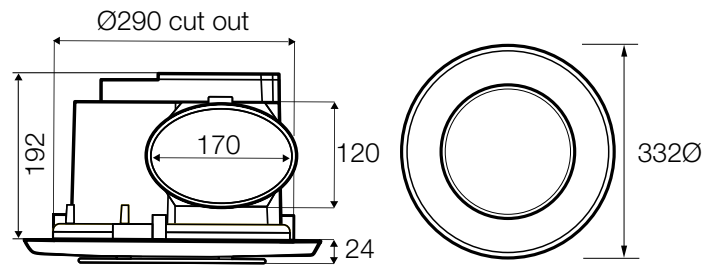
**RAPID**  
INSTALL

**POWERFUL**  
AIR FLOW

**IPX4**

The Rapid Response 250 ceiling mounted header box fan features quiet operation and powerful air flow performance. It includes a fully optimised inlet cone and centrifugal impeller that maximises air pressure and ensures rooms are quickly cleared of steam and unpleasant odours. It includes a unique swing clip and removable spigot that makes it very easy to install into a standard 10" round fan cut out.

- Advanced impeller and housing design provides powerful air flow and minimises noise.
- Available with a modern square or round grille.
- Low resistance non-return backdraft damper maximises air flow performance.
- Can be retrofitted into a standard 10" round fan cut out.
- Fitted plug and lead simplifies installation.
- Includes high quality sealed for life ball bearings.



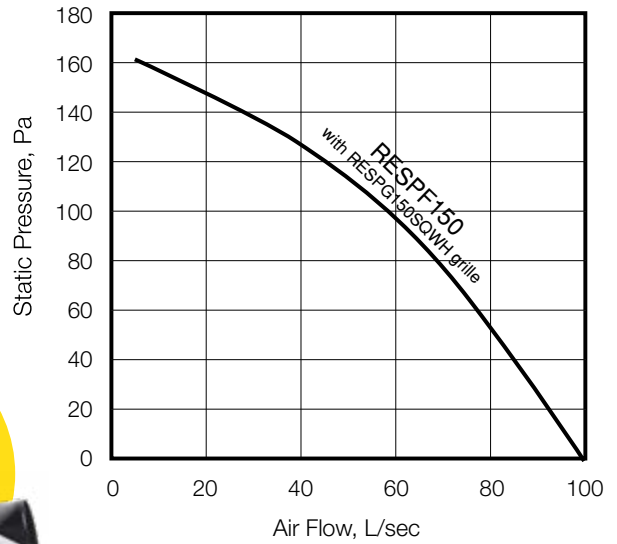
All dimensions in mm

MODEL NO.	DESCRIPTION	AIR FLOW M <sup>3</sup> /HR <sup>†</sup>	AIR FLOW L/SEC <sup>†</sup>	AVG. dB(A) @ 3M	WATTS	VOLTS	HERTZ
RESPFG10RN	Fan body with round grille	288	80	39	40	230-240	50
RESPFG10SQ	Fan body with square grille	288	80	39	40	230-240	50

<sup>†</sup> Air flow without duct and fittings



See page 32-33 for grille options.



# RAPID RESPONSE 250HP

## DUCTED CEILING EXHAUST FAN

**5**  
YEAR  
WARRANTY

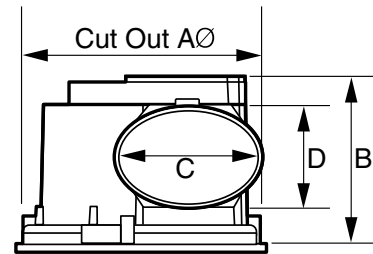
**RAPID**  
INSTALL

**POWERFUL**  
AIR FLOW

**IPX4**

The Rapid Response 250HP header box exhaust fan is the quietest and most powerful in its class. Its aerodynamic and fully optimised design minimises air flow resistance and produces powerful, efficient performance.

- Rapid Response 250HP provides strong air flow performance to ensure steam is cleared from rooms such as bathrooms and ensuites.
- It includes features such as a unique swing clip and removable spigot that makes it very easy to install.
- Advanced impeller and housing design provides powerful air flow and minimises noise.
- Can be retrofitted into an existing standard 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 high quality sealed for life ball bearings.
- High strength swing clips make installation easy.
- Modern square or round grilles available (See page 32-33). Square grilles can be easily rotated to align with walls.
- Available with 3-15 minute adjustable run-on timer (RESPF150T).



RESPF150 comes with spigot to suit 150mm duct.

MODEL NO.	DESCRIPTION	CUT OUT AØ	B	C	D
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 <sup>†</sup>	AIR FLOW L/SEC <sup>†</sup>	FAN SPEED RPM	AVG. dB(A) @ 3M	WATTS	VOLTS
RESPF150	349	97	950	37	60	230-240
RESPF150T						

<sup>†</sup> Air flow without duct and fittings

**SPECIAL NOTE**

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



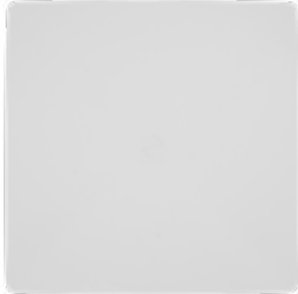
RESPG150RNBK



RESPG150SQBK



RESPG8-RNWH  
RESPG150RNWH



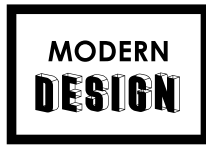
RESPG8-SQWH  
RESPG150SQWH



See page 67 for grille to duct connector & ceiling grille with clip-in spigot.

# RAPID RESPONSE

## GRILLES



The stylish Rapid Response Grilles have a contemporary design and are available in a white or black finish.

- Available in Round and Square models.
- 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.



### Round Grille Installation

Pinch the ends of the metal spring clips together.

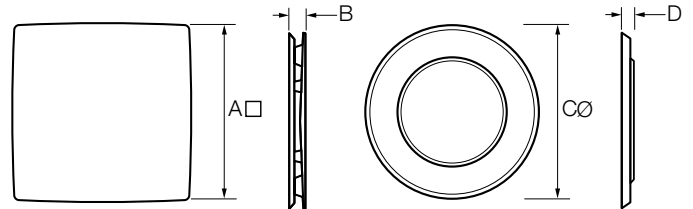
Feed the clips through the small slots on either side of the fan body.



### Square Grille Installation

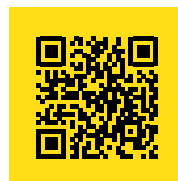
Push the grille onto the base of the fan until the clips click into place.

Rotate the grille to the desired position.

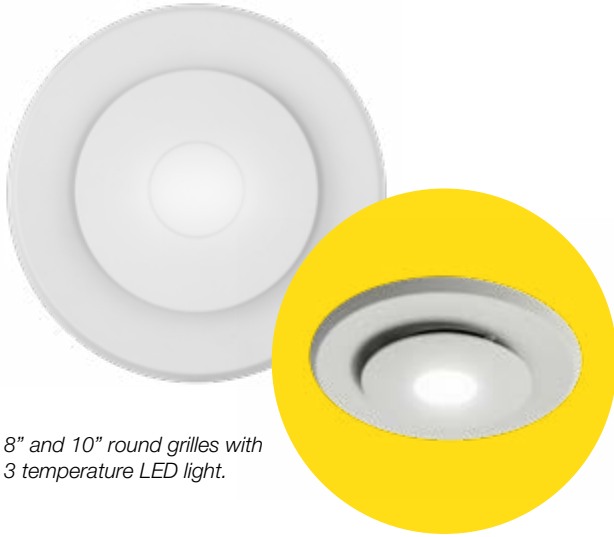


MODEL NO.	GRILLE	A □	B	C Ø	D
RESPG8-SQWH	8" Square Grille White Finish	300	28	-	-
RESPG8-RNWH	8" Round Grille White Finish	-	-	294	19
RESPG150SQWH	10" Square Grille White Finish	353	30	-	-
RESPG150RNWH	10" Round Grille White Finish	-	-	332	24
RESPG150SQBK	10" Square Grille Black Finish	353	30	-	-
RESPG150RNBK	10" Round Grille Black Finish	-	-	332	24

All dimensions in mm



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



8" and 10" round grilles with 3 temperature LED light.



8" square grille with 3 temperature LED light and 10" square grille with LED light.

# RAPID RESPONSE

## GRILLES WITH LED

**2**  
YEAR WARRANTY

**RAPID**  
INSTALL

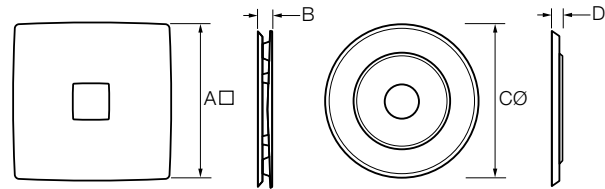
**BUILT-IN**  
LED  
LIGHT

**MODERN**  
DESIGN

**IPX4**

The stylish and modern Rapid Response Grille with LED light will brighten up any bathroom, ensuite or toilet. LED light (excluding 10" square grille) can be set to cool, neutral or warm white by changing the Tri-Switch's position. The Rapid Response grilles are quick to install and can be easily removed for cleaning.

- Available in Round and Square models.
- 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.
- LED light (excluding square 10" grille) can be set to cool, neutral or warm white to match other installed lights.
- Complies to: AS/NZS 60598.2.2:2001 and AS/NZS 60598.1:2013 Certificate No.: SAA152082.



MODEL NO.	GRILLE	A	B	CØ	D
RESPG8-SQWH-TRILED	8" Square Grille White Finish with Tri-Switch LED	300	28	-	-
RESPG8-RNWH-TRILED	8" Round Grille White Finish with Tri-Switch LED	-	-	294	19
RESPG150SQWH-LED	10" Square Grille White Finish with LED	353	30	-	-
RESPG150RNWH-TRILED	10" Round Grille White Finish with Tri-Switch LED	-	-	332	24

All dimensions in mm

MODEL NO.	GRILLE	LUMENS (LM)	INPUT POWER (W)	COLOUR TEMP (K)	BEAM ANGLE (°C)
RESPG8-SQWH-TRILED	Square	1000	12	3000/4200/6000	180
RESPG8-RNWH-TRILED	Round	800	9	3000/4200/6000	180
RESPG150SQWH-LED	Square	1000	12	4200	180
RESPG150RNWH-TRILED	Round	800	9	3000/4200/6000	180

**TRI-SWITCH LED (EXCLUDING 10" SQUARE GRILLE)**

Grilles (excluding 10" square grille) come factory pre-set to neutral white (4200K), but can be changed to warm white (3000K) or cool white (6000K) by changing the position of Tri-Switch located on back of grille.

Cool White   Neutral White   Warm White

**Warm White**  
(Colour Temperature: 3000K)

**Neutral White**  
(Colour Temperature: 4200K)

**Cool White**  
(Colour Temperature: 6000K)

Colour indicated in drawings above is for illustrative purposes only.



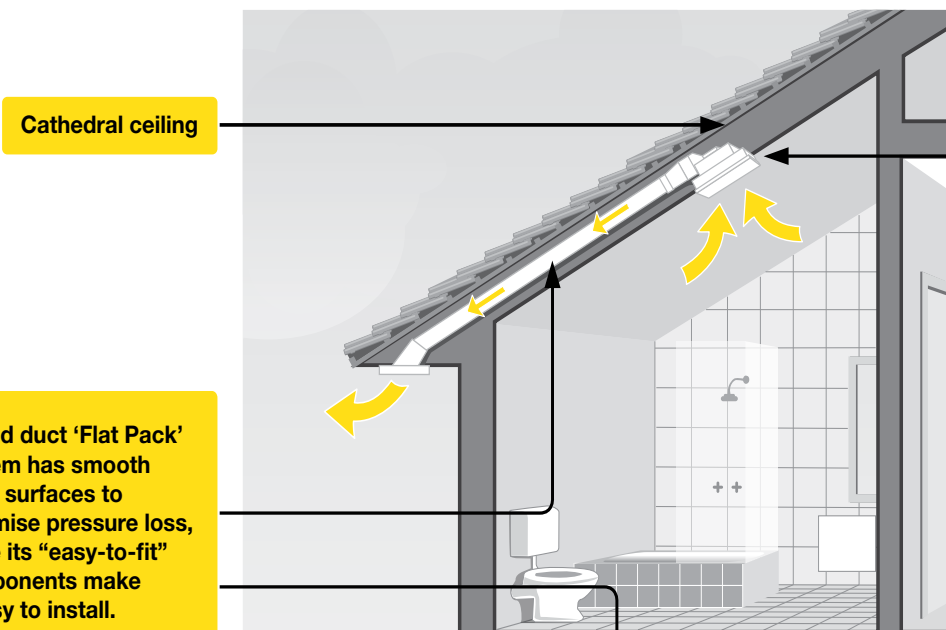
## EFFECTIVE VENTILATION FOR INTERNAL POWDER ROOMS

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



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

