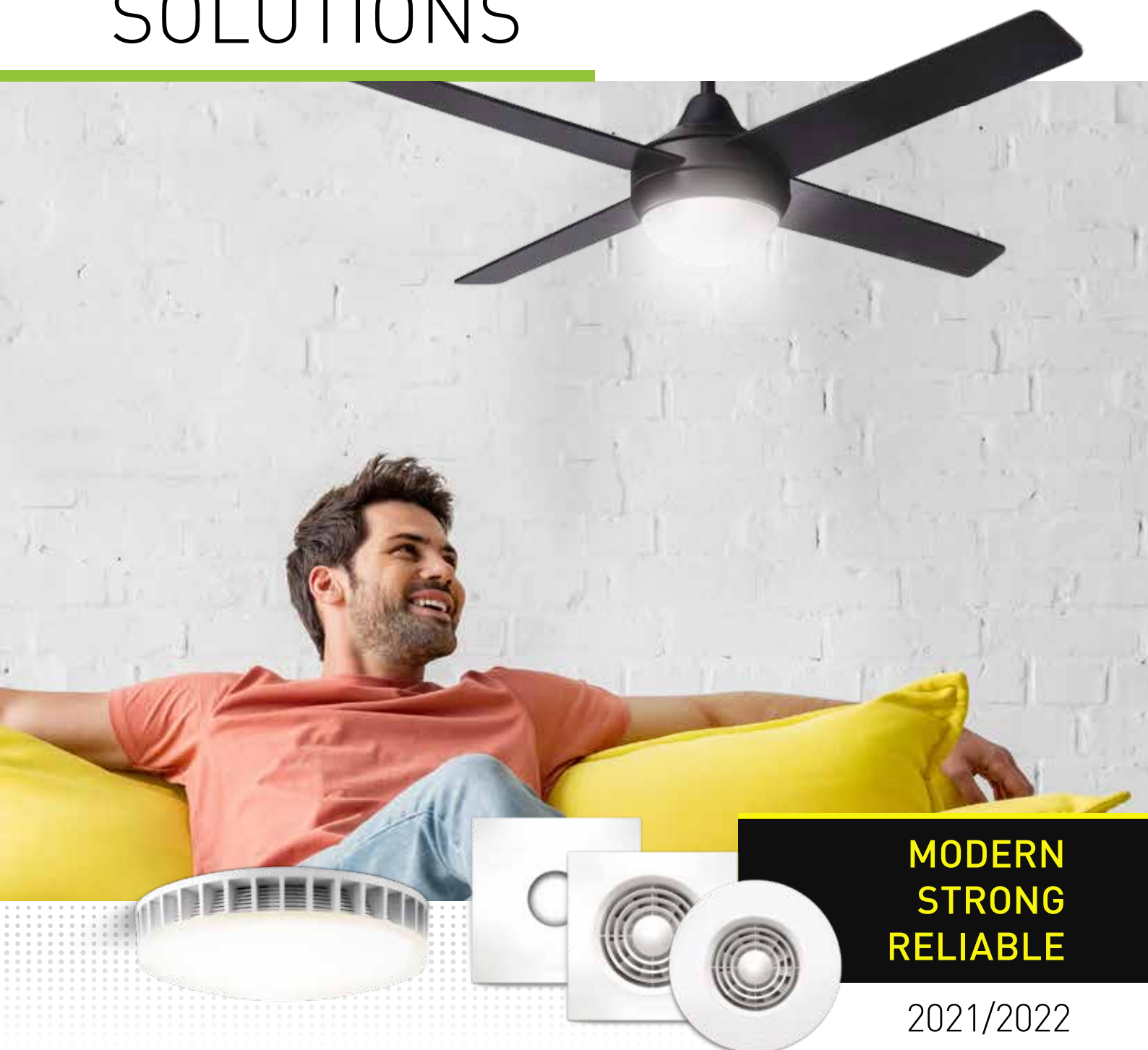




A brand of **legrand**

# VENTILATION SOLUTIONS



**MODERN  
STRONG  
RELIABLE**

2021/2022



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# WHY VENTILATION IS SO IMPORTANT

It is important to understand what contributes to poor indoor air quality and the potential affects and harm that can be caused by poor ventilation in a home. Poor ventilation can cause a number of problems such as condensation, mould, allergies, dust mites and air pollutants (odours). These can potentially lead to structural building issues and health problems for residents. A properly ventilated home can create a safe, comfortable and healthier environment.



**MOISTURE** that is not properly ventilated can cause mildew and mould formation, which can potentially lead to structural and health problems. Exhaust ventilation solutions from HPM remove humidity at the source to help maintain the optimal humidity balance of 40 to 60 percent.



**OFF-GASSING** from construction materials, carpeting, adhesives and synthetic materials—as well as solvents from common household cleaners—can accumulate in tightly built homes.



**PARTICULATES** from dust, allergens, pet dander, and more can contribute to poor indoor air quality. This can lead to 100 times dirtier air than the air outside. With a properly ventilated home, you create a more enjoyable, comfortable, and healthier environment.



**COOKING EFFLUENTS** from food preparation can infiltrate the whole house in minutes. Grease, oils and aromas settle permanently into carpets, furniture, clothing and other surfaces. Kitchen ventilation solutions help eliminate cooking effluents for a cleaner, more comfortable and healthier environment.

## VENTILATION SOLUTIONS FOR EVERY ROOM



### CEILING EXHAUST FANS NON-DUCTED

Low profile ceiling exhaust fans with round or square grille  
EF200RDWE, EF200RDMS, EF200SQWE page (24)  
EF250RDWE, EF250RDMS, EF250SQWE page (26)



### IN-LINE EXHAUST FAN

Inline fan is designed to extract steam and odours from a bathroom and expel it to the exterior through an eave outlet.  
EFIL100SQWE, EFIL150SQWE, page (30)  
EFTIL150SQWEKIT, EFLIL150SQWEKIT



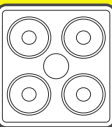
### INSTANT HEAT

1, 2 or 4 lamp exhaust fan and light  
BH1WE, R615 page (40)  
BH2NDWE, R622/1AC page (42)  
BH4NDWE, R622/2AC page (44)



### WALL EXHAUST FANS 100MM

With or without time delay optional mounting kits for ducting through walls  
EF100SQWE, EFT100SQSWE, page (19)  
EF100SQSWEKIT, EF100RDWE,  
EF100SQSWE



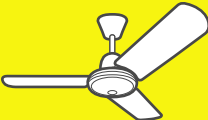
### INSTANT HEAT – DUCTED

2 or 4 lamp ducted centrifugal exhaust fans and light  
BH2DWE, R622D1 page (46)  
R622D2, BH4DWE page (48)



### WALL/CEILING EXHAUST FANS 150MM

Heavy duty models with optional window mounting kits  
EF150SQWE, EF150SQSWE, EF150RDWE, page (20)  
R621/8A, EFT150SQSWE, EFH150SQSWE



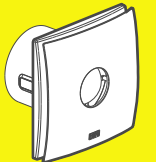
### CEILING FANS

3 or 4 blades with quick-fit wiring  
Inspire Residential Sweep Series page (58)  
Inspire Residential Sweep Series/light page (60)  
Inspire Smart Sweep Series/light page (62)  
White Aluminium page (64)  
430 Series page (66)



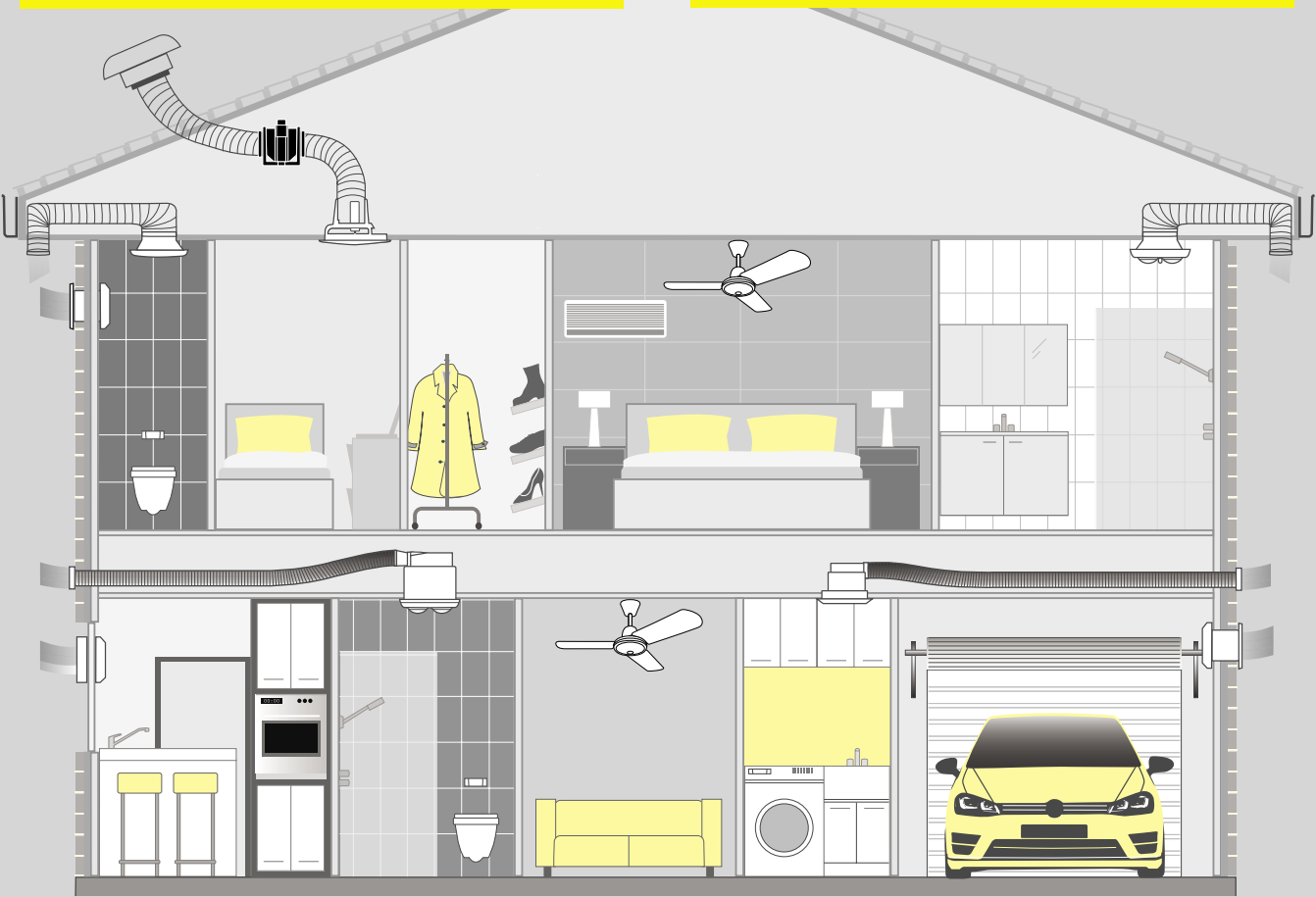
### CEILING EXHAUST FANS DUCTED

Ducted centrifugal fan  
EFD01RDWE, EFD01SQWE, page (28)  
EFD01RDWEKIT



### WALL EXHAUST FANS WITH AUTOSHUTTERS

Heavy duty models with optional window mounting kits  
EFS150SQWE, EFS150SQSWE, page (22)  
R621/9A





# EXHAUST FANS



# NEW FAN REGULATIONS

## FLOW RATE AND DISCHARGE OF EXHAUST SYSTEMS



### BATHROOMS

The regulations require a fan capable of a minimum extraction capacity of **25 litres per second** when installed.



### KITCHENS

The regulations require a fan capable of a minimum extraction capacity of **40 litres per second** when installed.



### TOILETS

The regulations require a fan capable of a minimum extraction capacity of **25 litres per second** when installed.



### LAUNDRIES

The regulations require a fan capable of a minimum extraction capacity of **40 litres per second** when installed.

## VENTILATION OF ROOF SPACES



The roof space must be ventilated to outdoor air through evenly distributed openings, if the exhaust fans discharge into the roof space.

# WHAT IS THE NCC



The **National Construction Code (NCC)** provides the minimum necessary requirements for safety and health; amenity and accessibility, and sustainability in the design, construction, performance and livability of new buildings (and new building work in existing buildings) throughout Australia. It is a uniform set of technical provisions for building work, plumbing and drainage installations throughout Australia, whilst allowing for variations in climate, geological or geographic conditions.

## WHY THE NCC 2019 COMPLIANCE IS SO IMPORTANT



The 2019 revision of the **National Construction Code (NCC)** has introduced changes to the way that ventilation systems exhaust air into roof spaces. The ventilation of roof spaces now has a performance measure that must be met to mitigate the effect of damp air being exhausted into these spaces. The changes in the NCC may require a change in installation practices.

### 3.8.7.3 FLOW RATE AND DISCHARGE OF EXHAUST SYSTEMS:

- a. An exhaust system installed in a kitchen, bathroom, sanitary compartment or laundry must have a minimum flow rate of—
  - i. 25 L/s for a bathroom or sanitary compartment; and
  - ii. 40 L/s for a kitchen or laundry.
- b. Exhaust from a bathroom, sanitary compartment, or laundry must be discharged—
  - i. directly or via a shaft or duct to outdoor air; or
  - ii. to a roof space that is ventilated in accordance with 3.8.7.4.

### 3.8.7.4 VENTILATION OF ROOF SPACES:

- a. Where an exhaust system covered by 3.8.7.3 discharges into a roof space, the roof space must be ventilated to outdoor air through evenly distributed openings.
- b. Openings required by (a) must have a total unobstructed area of 1/300 of the respective ceiling area if the roof pitch is more than 22°, or 1/150 of the respective ceiling area if the roof pitch is not more than 22°.

# CHOOSING THE RIGHT EXHAUST FAN

## STEP 1:

Calculate the room volume in cubic meters length (m) × width (m) × height (m) = Xm<sup>3</sup>

## STEP 2:

Check the air changes/hour adapted for your application (refer to the table below)

| LOCATION      | AIR CHANGES PER HOUR | ROOM                  | BATHROOM                                 | KITCHEN                                 |
|---------------|----------------------|-----------------------|------------------------------------------|-----------------------------------------|
| Bathrooms     | 6-10                 | Volume                | 2.0m × 2.4m × 2.0m = 9.6m <sup>3</sup>   | 2.4m × 2.8m × 2.4m = 16m <sup>3</sup>   |
| Kitchens      | 15-20                | No. of AC/H           | 6                                        | 15                                      |
| Toilets       | 6-10                 | Air movement required | 6 × 9.6 = 57.6m <sup>3</sup> /h<br>16L/s | 16 × 15 = 240m <sup>3</sup> /h<br>67L/s |
| Utility Rooms | 15-20                |                       |                                          |                                         |
| Laundries     | 10-30                |                       |                                          |                                         |

## STEP 3:

Calculate the max airflow in cubic metres/hour: Volume in cubic metre per hour of the room × Air Changes per Hour.  
The result will provide you with the maximum airflow in cubic metres/hour

## STEP 4:

Select the fan for your application with a higher performance than the maximum airflow calculated above

| CAT NO.         | FAN SIZE | DESCRIPTION                                                            | EXTRACTION<br>m3/h | L/s | SUGGESTED<br>APPLICATIONS |
|-----------------|----------|------------------------------------------------------------------------|--------------------|-----|---------------------------|
| EF100SQWE       | 100mm    | Square white non-ducted Wall exhaust fan                               | 94                 | 26  | En, WC                    |
| EF100QSWE       | 100mm    | Square slimline white non-ducted Wall exhaust fan                      | 105                | 29  | En, WC                    |
| EFT100QSWE      | 100mm    | Square slimline white non-ducted Wall exhaust fan with timer           | 105                | 29  | En, WC                    |
| EF100SQSWEKIT   | 100mm    | Square slimline white non-ducted Wall exhaust fan kit                  | 105                | 29  | En, WC                    |
| EF100RDWE       | 100mm    | Round white non-ducted Wall exhaust fan                                | 105                | 29  | En, WC                    |
| EF150SQWE       | 150mm    | Square white non-ducted Wall exhaust fan                               | 218                | 60  | B, En, K, L, WC           |
| EF150QSWE       | 150mm    | Square slimline white non-ducted Wall exhaust fan                      | 309                | 85  | B, En, K, L, WC           |
| EFT150QSWE      | 150mm    | Square slimline white non-ducted Wall exhaust fan with timer           | 267                | 74  | B, En, K, L, WC           |
| EFH150QSWE      | 150mm    | Square slimline white non-ducted Wall exhaust fan with humidity sensor | 267                | 74  | B, En, K, L, WC           |
| EF150RDWE       | 150mm    | Round white non-ducted Wall exhaust fan                                | 309                | 85  | B, En, K, L, WC           |
| R621/8A         | 150mm    | Square slimline white non-ducted Wall exhaust fan                      | 105                | 29  | B, En, K, L, WC           |
| EFS150SQWE      | 150mm    | Square white with shutters non-ducted Wall exhaust fan                 | 200                | 55  | B, En, K, L, WC           |
| EFS150QSWE      | 150mm    | Square slimline white with shutters non-ducted Wall exhaust fan        | 267                | 74  | B, En, K, L, WC           |
| R621/9A         | 150mm    | Square white with shutters non-ducted Wall exhaust fan                 | 105                | 29  | B, En, K, L, WC           |
| EF200RDWE       | 200mm    | Round white non-ducted Ceiling exhaust fan                             | 350                | 97  | B, En, K, L, WC           |
| EF200RDMS       | 200mm    | Round matt silver non-ducted Ceiling exhaust fan                       | 350                | 97  | B, En, K, L, WC           |
| EF200SQWE       | 200mm    | Square white non-ducted Ceiling exhaust fan                            | 350                | 97  | B, En, K, L, WC           |
| EF250RDWE       | 250mm    | Round white non-ducted Ceiling exhaust fan                             | 400                | 111 | B, En, K, L, WC           |
| EF250RDMS       | 250mm    | Round matt silver non-ducted Ceiling exhaust fan                       | 400                | 111 | B, En, K, L, WC           |
| EF250SQWE       | 250mm    | Square white non-ducted Ceiling exhaust fan                            | 400                | 111 | B, En, K, L, WC           |
| EFD01RDWE       | 250mm    | Round white with ducted Ceiling exhaust fan                            | 330                | 91  | B, Bd, En, K, L, WC       |
| EFD01SQWE       | 250mm    | Square white with ducted Ceiling exhaust fan                           | 330                | 91  | B, Bd, En, K, L, WC       |
| EFD01RDWEKIT    | 150mm    | Round white Ceiling exhaust fan Kit                                    | 330                | 91  | B, Bd, En, K, L, WC       |
| EFIL100SQWE     | 100mm    | Square white In-line exhaust fan kit                                   | 255                | 70  | B, Bd, En, K, L, WC       |
| EFIL150SQWE     | 150mm    | Square white Inline exhaust fan kit                                    | 555                | 154 | B, Bd, En, K, L, WC       |
| EFTIL150SQWEKIT | 150mm    | Square white Inline exhaust fan kit with timer                         | 555                | 154 | B, Bd, En, K, L, WC       |
| BH1WE           | -        | Single Lamp Instant Heat                                               | -                  | -   | B, En                     |
| R615            | -        | Single Lamp Instant Heat                                               | -                  | -   | B, En                     |
| BH2NDWE         | 240mm    | 2-lamp non-ducted                                                      | 240                | 67  | B, En                     |
| R622/1AC        | 240mm    | 2-lamp non-ducted                                                      | 240                | 67  | B, En                     |
| BH4NDWE         | 230mm    | 4-lamp non-ducted                                                      | 390                | 108 | B, En                     |
| R622/2AC        | 230mm    | 4-lamp non-ducted                                                      | 390                | 108 | B, En                     |
| BH2DWE          | -        | 2-lamp ducted                                                          | 180                | 50  | B, En                     |
| BH4DWE          | -        | 4-lamp ducted                                                          | 180                | 50  | B, En                     |
| R622D2          | -        | 4-lamp ducted                                                          | 135                | 37  | B, En                     |

\*Legend: B-Bathroom Bd, Bedroom En-Ensuite K-Kitchen L-Laundry WC-Toilet

**Please note:** While choosing the fan, it is advisable to consider some safety to factor in any bends/kinks in ducting (for ducted fans) and any obstructions to the vent as this will substantially reduce the airflow achieved for each installation. Always refer to the pressure curve of the fan you are installing to ensure the recommended air changes per hour are achieved.

# COMPLIANT WITH NCC HPM RANGE

## FLOW RATE REQUIRED BY THE NCC 2019

| NCC REQUIREMENT                  | L/s | Equivalent in m³/h |
|----------------------------------|-----|--------------------|
| Bathroom or Sanitary compartment | 25  | 90                 |
| Kitchen or Laundry               | 40  | 144                |

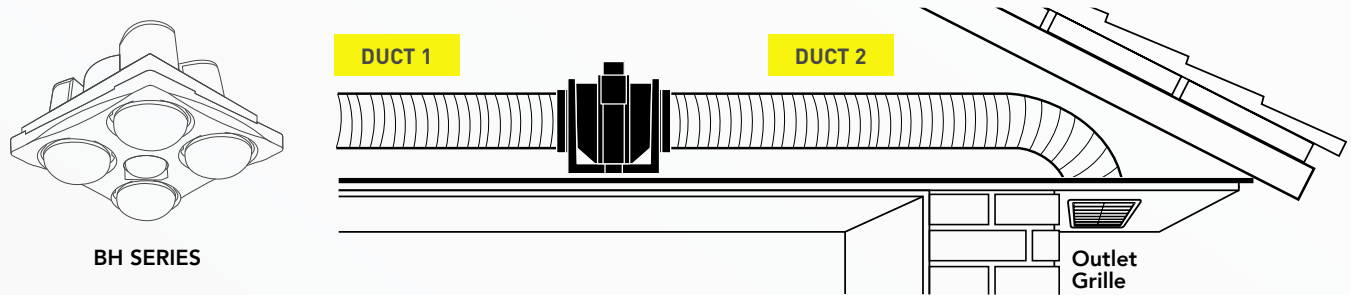
## HPM INLINE EXHAUST FANS

| HPM INLINE EXHAUST FANS | DUCT SIZE<br>MM | 2M HORIZONTAL DUCTING<br>(1M/SIDE) |                    | 5M HORIZONTAL DUCTING<br>(2.5M/SIDE) |                    | 3M VERTICAL DUCTING<br>(1.5m/side) |                    | 6M VERTICAL DUCTING<br>(3m/side) |                    |
|-------------------------|-----------------|------------------------------------|--------------------|--------------------------------------|--------------------|------------------------------------|--------------------|----------------------------------|--------------------|
|                         |                 | L/s                                | Equivalent in m³/h | L/s                                  | Equivalent in m³/h | L/s                                | Equivalent in m³/h | L/s                              | Equivalent in m³/h |
| EFIL100 Speed 1         | 100             | 28                                 | 100                | 25                                   | 90                 | 24                                 | 85                 | 20                               | 72                 |
| EFIL100 Speed 2         | 100             | 35                                 | 125                | 32                                   | 115                | 30                                 | 106                | 26                               | 92                 |
| EFIL150 Speed 1         | 150             | 86                                 | 310                | 75                                   | 270                | 78                                 | 279                | 68                               | 243                |
| EFIL150 Speed 2         | 150             | 108                                | 390                | 93                                   | 335                | 98                                 | 351                | 84                               | 302                |

## HPM DUCTED EXHAUST FANS

| HPM DUCTED EXHAUST FANS | DUCT SIZE<br>MM | 3M HORIZONTAL DUCTING |                    | 6M HORIZONTAL DUCTING |                    | 3M VERTICAL DUCTING |                    | 6M VERTICAL DUCTING |                    |
|-------------------------|-----------------|-----------------------|--------------------|-----------------------|--------------------|---------------------|--------------------|---------------------|--------------------|
|                         |                 | L/s                   | Equivalent in m³/h | L/s                   | Equivalent in m³/h | L/s                 | Equivalent in m³/h | L/s                 | Equivalent in m³/h |
| EFD01 SERIES            | 150             | 69                    | 250                | 63                    | 225                | 66                  | 238                | 56                  | 203                |
| BH SERIES               | 150             | 50                    | 180                | 45                    | 162                | 48                  | 171                | 41                  | 146                |
| R621D1                  | 100             | 44                    | 160                | 33                    | 120                | 38                  | 136                | 27                  | 96                 |

# RESULTS COMBINATION INLINE EXHAUST FAN + BH SERIES



## TEST RESULTS

| TEST # | EXHAUST FAN 1<br>BH | DUCT 1<br>(AS SUPPLIED) | EXHAUST FAN 2<br>EFIL150SQWE | DUCT 2<br>(AS SUPPLIED) | EXTERNAL GRILLE Ø150 MM | AIR FLOW (L/S) | AIR FLOW (m³/h) | BACK PRESSURE (PA) |
|--------|---------------------|-------------------------|------------------------------|-------------------------|-------------------------|----------------|-----------------|--------------------|
| 1      | Heat 1              | 3 m * Ø150 mm           | OFF                          | 5 m * Ø150 mm           | Single bend             | 14.9           | 53.8            | -0.1               |
| 2      | Heat 2/Fan          | 3 m * Ø150 mm           | OFF                          | 5 m * Ø150 mm           | Single bend             | 41.7           | 150.0           | 0.3                |
| 3      | Heat 1              | 3 m * Ø150 mm           | ON Speed 1                   | 5 m * Ø150 mm           | Single bend             | 49.4           | 177.9           | 0.0                |
| 4      | Heat 1              | 3 m * Ø150 mm           | ON Speed 2                   | 5 m * Ø150 mm           | Single bend             | 52.4           | 188.8           | 0.2                |
| 5      | Heat 2/Fan          | 3 m * Ø150 mm           | ON Speed 1                   | 5 m * Ø150 mm           | Single bend             | 54.6           | 196.6           | 0.0                |
| 6      | Heat 2/Fan          | 3 m * Ø150 mm           | ON Speed 2                   | 5 m * Ø150 mm           | Single bend             | 56.6           | 203.6           | -0.1               |
| 7      | OFF                 | 3 m * Ø150 mm           | ON Speed 1                   | 5 m * Ø150 mm           | Single bend             | 47.1           | 169.7           | -0.3               |
| 8      | OFF                 | 3 m * Ø150 mm           | ON Speed 2                   | 5 m * Ø150 mm           | Single bend             | 51.3           | 184.8           | 0.0                |
| 9      | Heat 2/Fan          | 1 m * Ø150 mm           | ON Speed 2                   | 7 m * Ø150 mm           | Single bend             | 58.6           | 210.9           | -0.3               |

Heat1 and Heat2 are specific to BH4D.  
Under Heat 1 the fan speed is reduced for BH4 series  
Under Heat 2 the fan is at maximum speed for BH4 series.  
For BH2 series Heat 1 does not exist. So consider only Heat 2 condition.

Compliant with NCC Non-Compliant with NCC

### NOTES:

- It is recommended that if fans are installed in series, both fans must be ON at the same time.
- Having the Inline fan OFF as in Test 1 and 2 result is dramatic reduction in airflow.
- The position of Inline fan being closer to the Ceiling Exhaust fan has a slight improvement in Airflow as in Test 9.

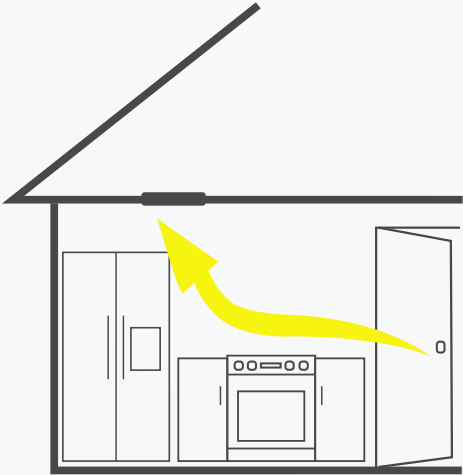
Compliant with NCC Non-Compliant with NCC



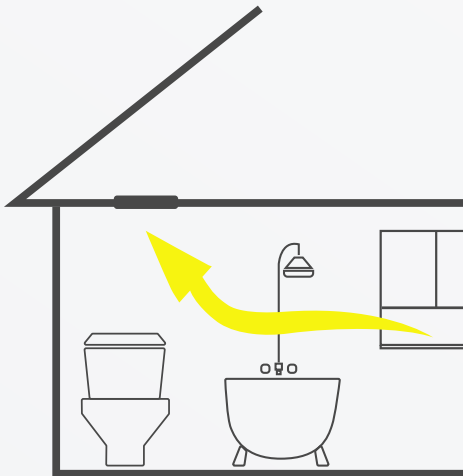
# FAN PLACEMENT

The placement is very important to maximise the fan performance. A balanced airflow is necessary for an exhaust fan to perform at its maximum efficiency. This means that there needs to be a cross flow of air through the room so that the air extracted from the room can be replaced with air drawn from a source such as window, under a door or from an air vent.

Locate the fan, if possible, on the opposite side of the room and as far away as possible from the main fresh air source. Ideally position the fan so vapour sources such as showers and stoves, fall within the air flow path. For bathrooms, it is important to place the fan close to the mirror to avoid fogging.



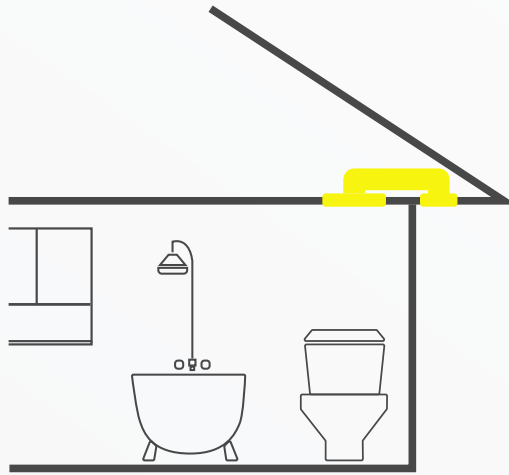
KITCHEN



BATHROOM

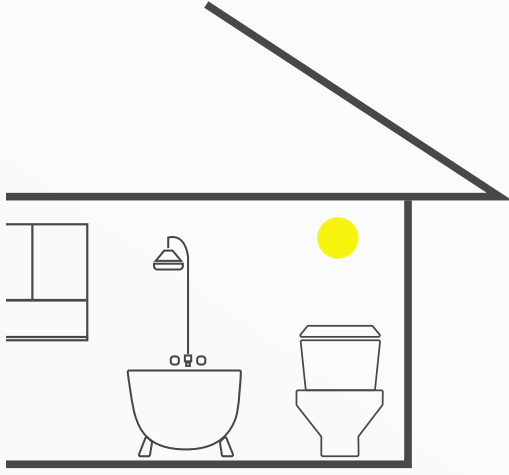
# FAN INSTALLATION

Location of your ventilation fan will depend on the physical constraints of your room. The wet area zone guide will help you decide the most suitable physical installation to meet your requirements. Within the above mounting options there are various other features available:



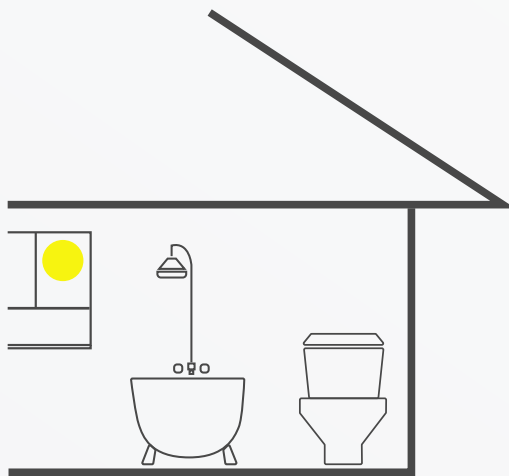
1. CEILING MOUNTED FAN

Designed for low-pitch roofs or between floors, where there is no ceiling access. Also available with heat lamps & lighting.



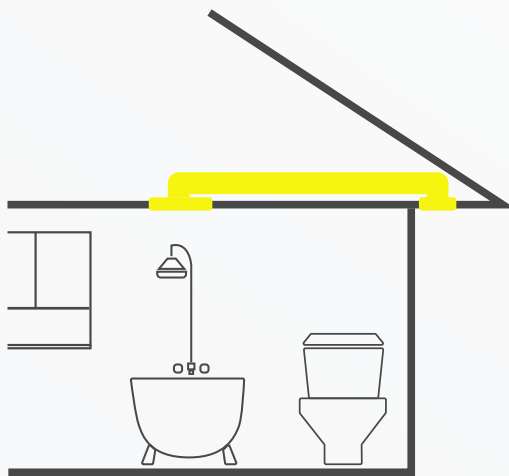
2. WALL MOUNTED FAN

Used where the bathroom is on an external wall, or there is no ceiling space for an in-line fan.



3. WINDOW MOUNTED FAN

Used in situations where an existing window fan is being replaced, or where there is no available external wall space and no ceiling space access.



4. IN-LINE MOUNTED FAN KIT

Most common bathroom installation, the fan is mounted in the ceiling space with the grille directly above the source of the steam.

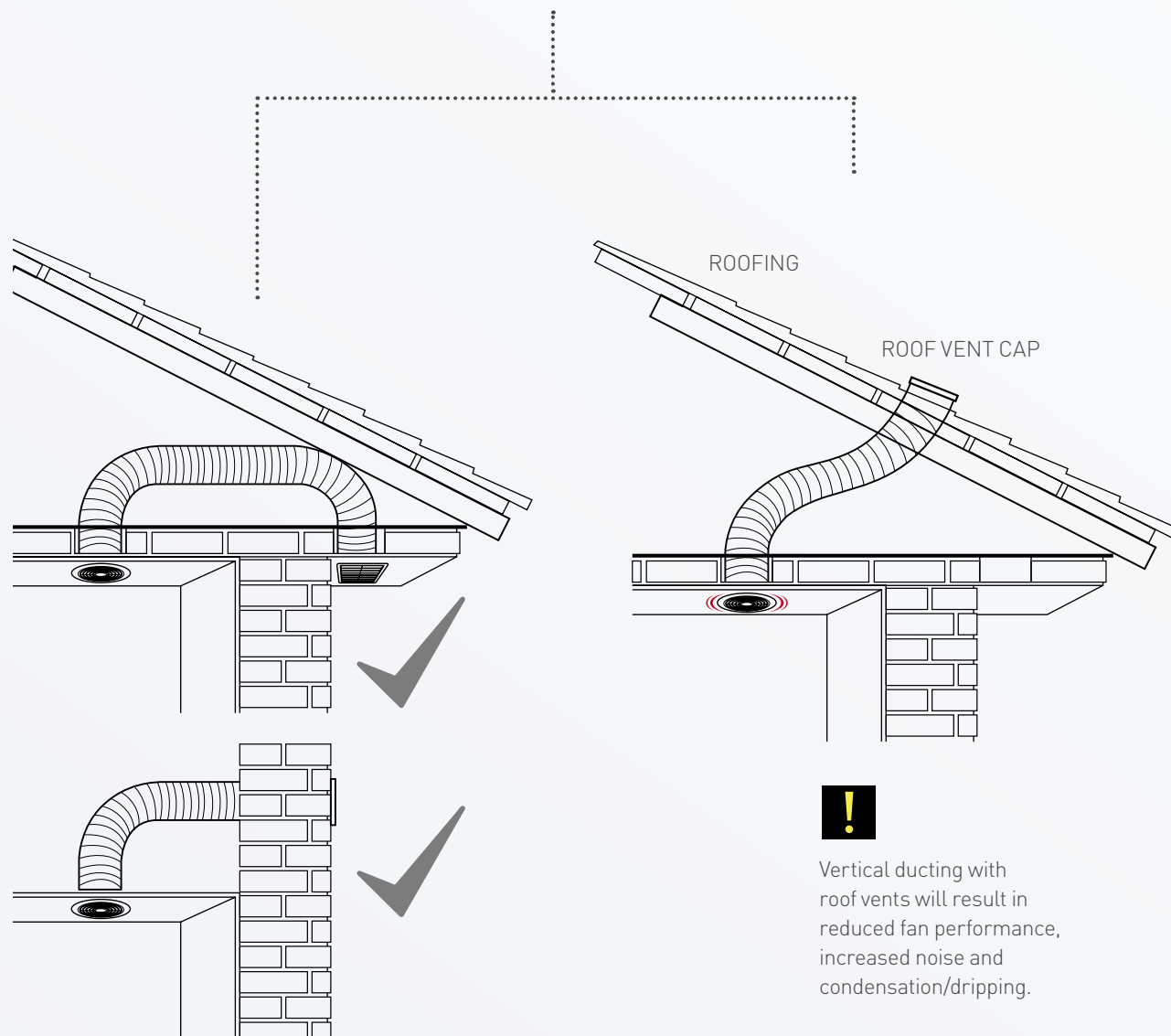
Generally this type of installation is quieter as the fan is not directly in the room.



# FAN INSTALLATION

## WARNING

You **MUST** have your exhaust fan vented /ducted horizontally to an eave AND must have an open window or 20mm off the base of a door to allow cross ventilation.



# WET AREA RECOMMENDATIONS & TIPS

It is important to consider the wet areas of a room when you place an instant heater in a bathroom or ensuite. For safety reasons, there are a few rules to follow when installing an exhaust fan close to a shower:

## 1. It is necessary to respect zones of installations

**Zone 0:** This is the interior of the bathtub or shower basin

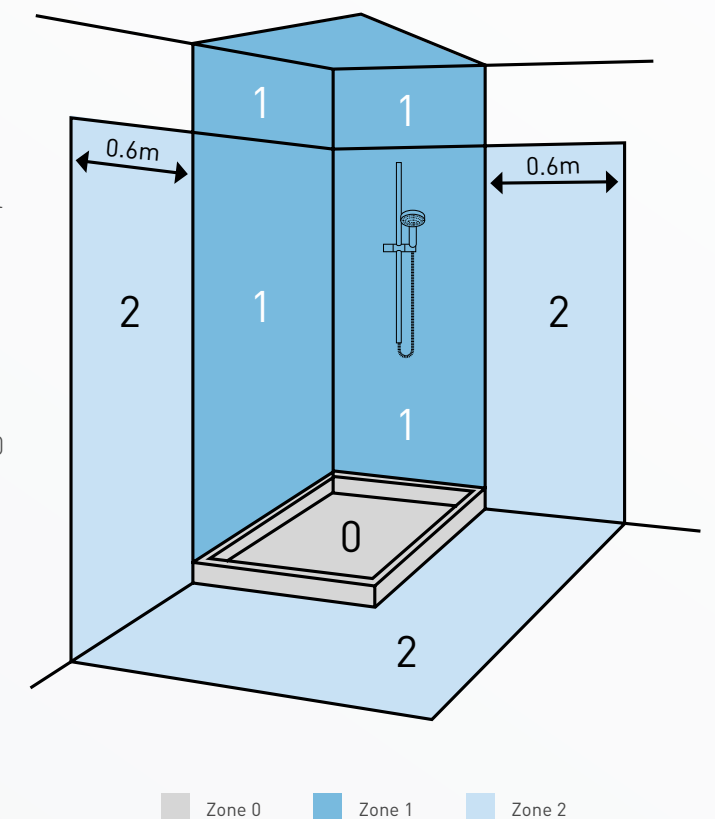
**Zone 1:** This extends above zone 0 and around the perimeter of the bath or shower basin to 2.25m for NZ and 2.5m for Australia above the floor level

**Zone 2:** This extends 600mm beyond Zone 1 and to a height of 2.25m for NZ and 2.5m for Australia above floor level

Where possible we recommended your fan is not installed directly above the shower/bath as condensation may occur causing dripping.

Note: Example shown is typical only. Consult AS/NZS 3000 for full definition of installation zones in wet areas.

## 2. You **MUST** have your exhaust fan vented /ducted horizontally to an eave AND must have an open window or 20mm off the base of a door to allow cross ventilation



## TIPS

- Positioning fans as high as possible will increase the exhaustion of air often trapped near the ceiling.
- Wall mounting – Check your potential position has no hidden pipes or cables nearby, and your potential position on the outside wall is free of drainpipes.
- Ceiling mounting – Check the area above the proposed fan location is free of joists, pipes or cable.
- Window mounting – HPM recommends a professional glazier pre-cuts the glass. If there is pre-existing stress in the glass, it could crack during cutting.
- Clean fan grilles periodically by removing obstructions from both inlets and outlets to help ensure maximum performance.
- To extend the life of an exhaust fan or heat lamp, operate upon entering the room – before using room facilities. For example, before having a shower.
- It is advisable to run the exhaust fan for a few minutes after using the shower to avoid dripping due to condensation from the fan and on walls/ceilings.

# WALL EXHAUST FAN NON-DUCTED

100MM SERIES

If you like contemporary design and have a small space to ventilate, these are the perfect exhaust fans.



EF100SQWE

**Main applications**  
Perfect for residential bathrooms



EF100SQSWE  
EFT100SQSWE.....  
**INTEGRATED  
TIMER**  
**NEW**



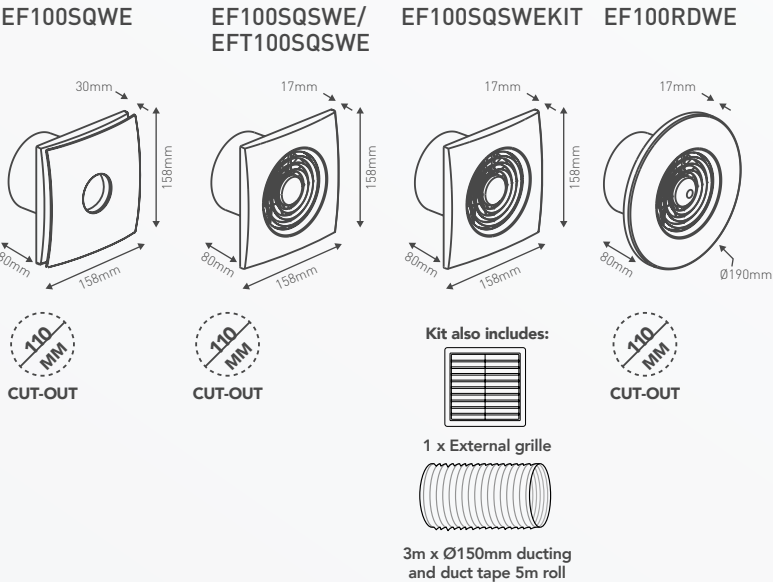
EF100SQSWEKIT



EF100RDWE



|                                    | EF100SQWE                                                                                                                                                                     | EF100SQSWE<br>EFT100SQSWE<br>EF100SQSWEKIT<br>EF100RDWE                                                                 |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Exhaust fan                        | 100mm axial                                                                                                                                                                   | 100mm axial                                                                                                             |
| Frequency                          | 50Hz                                                                                                                                                                          | 50Hz                                                                                                                    |
| Supply voltage                     | 230 – 240V a.c                                                                                                                                                                | 230 – 240V a.c                                                                                                          |
| Motor rating                       | 14W                                                                                                                                                                           | 14W                                                                                                                     |
| Maximum airflow                    | 94m³/h = 26L/s                                                                                                                                                                | 105m³/h = 29L/s                                                                                                         |
| Draft stopper                      | Yes                                                                                                                                                                           | Yes                                                                                                                     |
| Auto shutters                      | No                                                                                                                                                                            | No                                                                                                                      |
| Required wall cavity/ceiling depth | >200mm                                                                                                                                                                        | >200mm                                                                                                                  |
| IP weatherproof rating             | IP44                                                                                                                                                                          | IP24                                                                                                                    |
| Weight                             | 500g                                                                                                                                                                          | 450g                                                                                                                    |
| Product codes                      | White Fascia Square<br><br>White Fascia Slimline Square<br><br>White Fascia Slimline Square with Timer<br><br>White Fascia Slimline Square<br><br>White Fascia Slimline Round | <b>EF100SQWE</b><br><br><b>EF100SQSWE</b><br><br><b>EFT100SQSWE</b><br><br><b>EF100SQSWEKIT</b><br><br><b>EF100RDWE</b> |



# WALL/CEILING EXHAUST FAN NON-DUCTED

150MM SERIES

These versatile exhaust fans are ideal for medium to large spaces.



EF150SQWE

Main applications

Perfect for residential bathrooms



EF150RDWE



EF150SQSWE  
EFT150SQSWE  
EFH150SQSWE

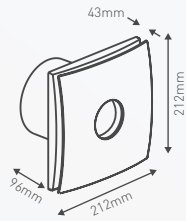


R621/8A



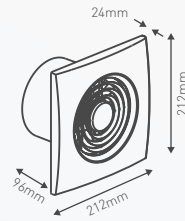
|                                    | EF150SQWE                                         | EF150SQSWE/<br>EF150RDWE | EFT150SQSWE/<br>EFH150SQSWE | R621/8A         |
|------------------------------------|---------------------------------------------------|--------------------------|-----------------------------|-----------------|
| Exhaust fan                        | 150mm axial                                       | 150mm axial              | 150mm axial                 | 150mm axial     |
| Frequency                          | 50Hz                                              | 50Hz                     | 50Hz                        | 50Hz            |
| Supply voltage                     | 230 – 240V a.c                                    | 230 – 240V a.c           | 230 – 240V a.c              | 230 – 240V a.c  |
| Motor rating                       | 24W                                               | 24W                      | 24W                         | 29W             |
| Maximum airflow*                   | 218m³/h = 60L/s                                   | 309m³/h = 108L/s         | 267m³/h = 74L/s             | 245m³/h = 68L/s |
| Draft stopper                      | Yes                                               | Yes                      | Yes                         | No              |
| Required wall cavity/ceiling depth | >310mm                                            | >310mm                   | >310mm                      | >300mm          |
| IP weatherproof rating             | IP44                                              | IP24                     | IP24                        | IP44            |
| Weight                             | 1kg                                               | 0.9kg                    | 1.1kg                       | 1.3kg           |
| Product codes                      | White Fascia Square                               | EF150SQWE                |                             |                 |
|                                    | White Fascia Slimline Square                      | EF150SQSWE               |                             |                 |
|                                    | White Fascia Slimline Round                       | EF150RDWE                |                             |                 |
|                                    | White Fascia Slimline Square with Timer           | EFT150SQSWE              |                             |                 |
|                                    | White Fascia Slimline Square with Humidity Sensor | EFH150SQSWE              |                             |                 |
|                                    | White Fascia Square                               | R621/8A                  |                             |                 |

EF150SQWE



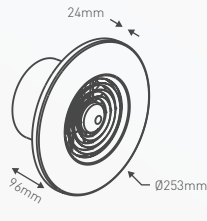
CUT-OUT

EF150SQSWE  
EFT150SQSWE  
EFH150SQSWE



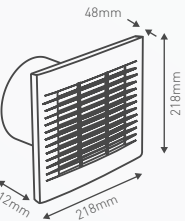
CUT-OUT

EF150RDWE



CUT-OUT

R621/8A



CUT-OUT

\*Airflow dependent on installation conditions

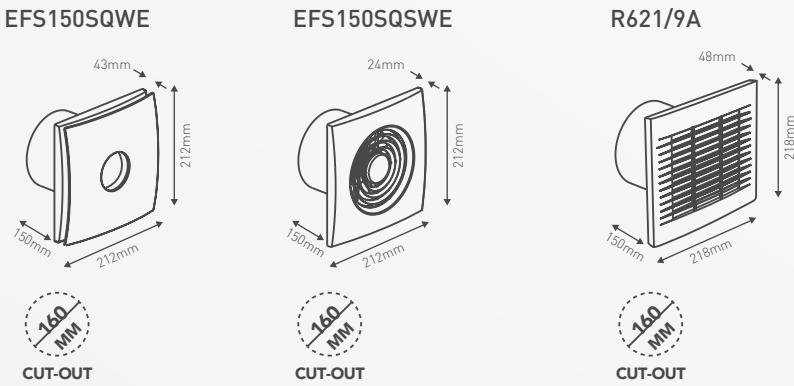
# WALL/CEILING EXHAUST FAN WITH AUTO SHUTTERS NON-DUCTED

150MM SERIES

Complete with a hardworking draft stopper, it reduces air entering and escaping from the room, helping the home remain warmer in winter and cooler in summer.



|                                    | EFS150SQWE                                                                 | EFS150SQSWE     | R621/9A                              |
|------------------------------------|----------------------------------------------------------------------------|-----------------|--------------------------------------|
| Exhaust fan                        | 150mm axial                                                                | 150mm axial     | 150mm axial                          |
| Frequency                          | 50Hz                                                                       | 50Hz            | 50Hz                                 |
| Supply voltage                     | 230 – 240V a.c                                                             | 230 – 240V a.c  | 230 – 240V a.c                       |
| Motor rating                       | 24W                                                                        | 24W             | 29W                                  |
| Maximum airflow*                   | 200m³/h = 55L/s                                                            | 267m³/h = 74L/s | 245m³/h = 68L/s                      |
| Draft stopper                      | Auto shutter                                                               | Auto shutter    | Auto shutter                         |
| Required wall cavity/ceiling depth | >310mm                                                                     | >310mm          | >300mm                               |
| IP weatherproof rating             | IP44                                                                       | IP24            | IP44                                 |
| Weight                             | 1.2kg                                                                      | 1.1kg           | 1.3kg                                |
| Product codes                      | White Fascia Square<br>White Fascia Slimline Square<br>White Fascia Square |                 | EFS150SQWE<br>EFS150SQSWE<br>R621/9A |



\*Airflow dependent on installation conditions



# CEILING EXHAUST FAN NON-DUCTED

200MM SERIES

These exhaust fans are ideal for retrofit home installations in bathrooms, kitchens and laundries. The modern 'honeycomb' fascia design maximises airflow and prevents dirty dust build-up. The high quality motor has a greater resistance to high temperatures, quieter operation, and longer lifespan than common alternatives.

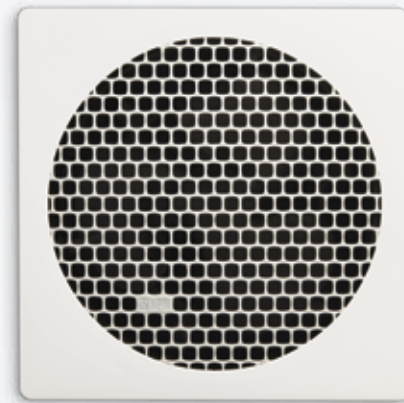


EF200RDWE

**Main applications**  
Perfect for residential  
bathrooms



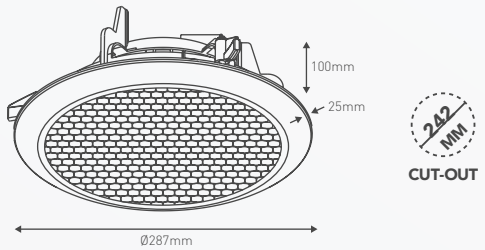
EF200RDMS



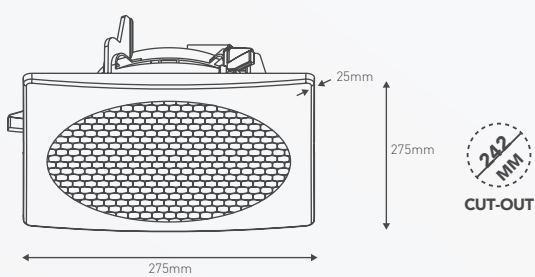
EF200SQWE

|                                    | EF200RDWE/<br>EF200RDMS/<br>EF200SQWE |
|------------------------------------|---------------------------------------|
| Exhaust fan                        | 200mm axial                           |
| Frequency                          | 50Hz                                  |
| Supply voltage                     | 230 – 240V a.c                        |
| Motor rating                       | 35W                                   |
| Maximum airflow                    | 350m³/h = 97L/s                       |
| Draft stopper                      | No                                    |
| Required wall cavity/ceiling depth | >130mm                                |
| Weight                             | 1.1kg                                 |
| Product codes                      |                                       |
|                                    | White Fascia Round EF200RDWE          |
|                                    | Matt Silver Fascia Round EF200RDMS    |
|                                    | White Fascia Square EF200SQWE         |

EF200RDWE and EF200RDMS



EF200SQWE



# CEILING EXHAUST FAN NON-DUCTED

250MM SERIES

These exhaust fans are ideal for retrofit home installations in bathrooms, kitchens and laundries. The modern ‘honeycomb’ fascia design maximises airflow and prevents dirty dust build-up. The high quality motor has a greater resistance to high temperatures, quieter operation, and longer lifespan than common alternatives.



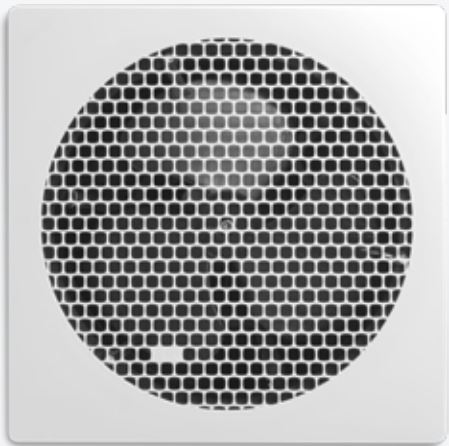
EF250RDWE

**Main applications**

Perfect for residential  
bathrooms



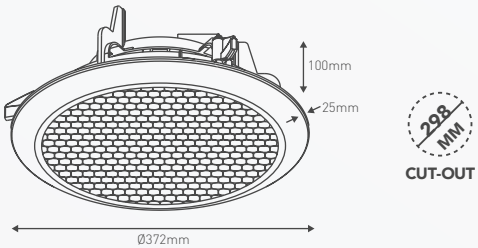
EF250RDMS



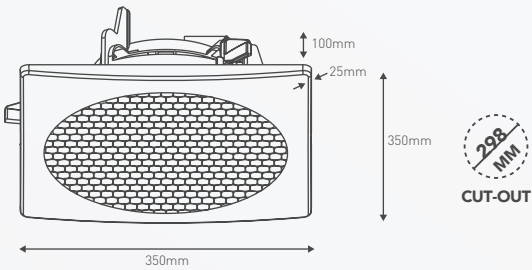
EF250SQWE

|                        | EF250RDWE/<br>EF250RDMS/<br>EF250SQWE |
|------------------------|---------------------------------------|
| Exhaust fan            | 250mm axial                           |
| Frequency              | 50Hz                                  |
| Supply voltage         | 230 – 240V a.c                        |
| Motor rating           | 38W                                   |
| Maximum airflow rate   | 400m³/h = 111L/s                      |
| Draft stopper          | No                                    |
| Required ceiling depth | ≥130mm                                |
| Weight                 | 1.3kg                                 |
| Product codes          |                                       |
|                        | White Fascia Round EF250RDWE          |
|                        | Matt Silver Fascia Round EF250RDMS    |
|                        | White Fascia Square EF250SQWE         |

EF250RDWE and EF250RDMS



EF250SQWE



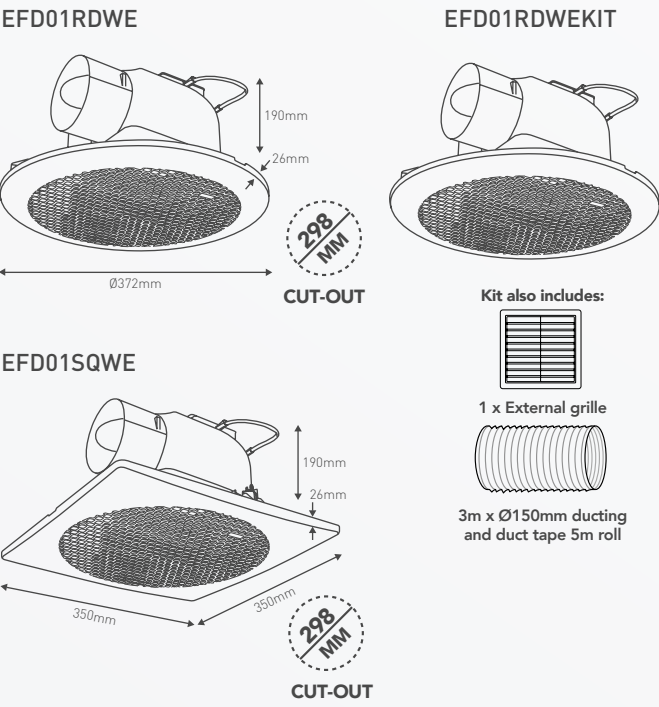


# CEILING EXHAUST FAN DUCTED 150MM SERIES

For bathrooms with restricted ceiling spaces, this exhaust fan extracts steam and air outside preventing moisture damage.



|                        | EFD01RDWE<br>EFD01SQWE<br>EFD01RDWEKIT                                |
|------------------------|-----------------------------------------------------------------------|
| Exhaust fan            | Centrifugal                                                           |
| Frequency              | 50Hz                                                                  |
| Supply voltage         | 230 – 240V a.c                                                        |
| Motor rating           | 40W                                                                   |
| Maximum airflow rate   | 330m³/h = 92L/s without duct<br>250m³/h = 69L/s with Ø150mm x 3m duct |
| Draft stopper          | Yes                                                                   |
| Duct Requirement       | Ø150mm & 3m long                                                      |
| Required ceiling depth | >190mm                                                                |
| Weight                 | 1.3kg                                                                 |
| Product codes          |                                                                       |
| White Fascia Round     | EFD01RDWE                                                             |
| White Fascia Square    | EFD01SQWE                                                             |
| White Fascia Round     | EFD01RDWEKIT                                                          |



# INLINE EXHAUST FAN DUCTED KIT

100MM & 150MM SERIES

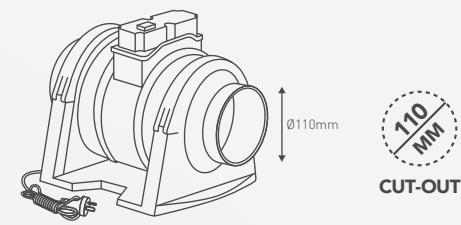
The inline fan is designed to extract steam and odours from a bathroom and expel it to the exterior through an eave outlet. It is also suitable for extracting air from one room and expelling it to another room. This inline feature allows the inlet grille to be mounted in wet areas, or even above the shower, and because the motor is in the ceiling cavity, noise from the fan is minimal.

**Main applications**  
Ideal for transferring hot or cool air from air-conditioning, fireplaces, and oil heaters from room to another

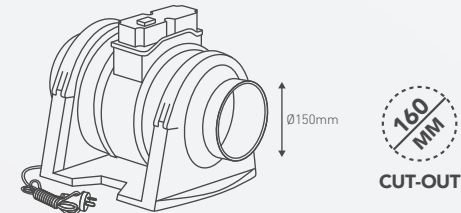


|                                      | EFIL100SQWE                                                           | EFIL150SQWE/<br>EFTIL150SQWEKIT/<br>EFLIL150SQWEKIT                         |
|--------------------------------------|-----------------------------------------------------------------------|-----------------------------------------------------------------------------|
| Exhaust fan                          | 100mm axial                                                           | 150mm axial                                                                 |
| Frequency                            | 50Hz                                                                  | 50Hz                                                                        |
| Supply voltage                       | 230 – 240V a.c                                                        | 230 – 240V a.c                                                              |
| Motor rating                         | 30W                                                                   | 60W                                                                         |
| Maximum airflow rate                 | 255m³/h = 71L/s without duct<br>115m³/h = 32L/s with Ø100mm x 5m duct | 555m³/h = 154L/s without duct<br>335m³/h = 93L/s with Ø150mm x 5m duct      |
| Lamp/Light only for EFLIL150SQWEKIT  | -                                                                     | LED MR16 5W max                                                             |
| Draft stopper                        | Yes                                                                   | Yes                                                                         |
| Duct Requirement                     | Ø100mm & 5m long                                                      | Ø150mm & 5m long                                                            |
| IP weatherproof rating               | IP55                                                                  | IP55                                                                        |
| Weight                               | 1.9kg                                                                 | 3kg                                                                         |
| Inclusions                           | 5m x Ø100mm duct, external grille, duct tape and cable ties           | 5m x Ø150mm duct, external grille, duct tape, cable ties and timer or light |
| Product codes                        |                                                                       |                                                                             |
| White Fascia Square 100mm            | EFIL100SQWE                                                           |                                                                             |
| White Fascia Square 150mm            | EFIL150SQWE                                                           |                                                                             |
| White Fascia Square 150mm with Timer | EFTIL150SQWEKIT                                                       |                                                                             |
| White Fascia Square 150mm with Light | EFLIL150SQWEKIT                                                       |                                                                             |

EFIL100SQWE



EFIL150SQWE/EFTIL150SQWEKIT/ EFLIL150SQWEKIT



**2  
SPEED  
SWITCH**

**UP TO  
MAX  
AIRFLOW  
555m³/h**

**5 YEAR  
WARRANTY**





# ACCESSORIES

|                                                                                     | CAT. NO.    | DESCRIPTION                                                                                               |
|-------------------------------------------------------------------------------------|-------------|-----------------------------------------------------------------------------------------------------------|
|    | R621/4D     | <b>WALL KIT</b><br>Ø100mm Fixed Square Grille Kit - with duct, cable ties, wall plugs and external grille |
|    | R621/6D     | <b>WALL KIT</b><br>Ø150mm Fixed Square Grille Kit - with duct, cable ties, wall plugs and external grille |
|    | R621/6WA    | <b>WINDOW FAN KIT</b><br>Ø150mm Window Square Grille Kit - with gaskets, flush plate and external grille  |
|    | EFGR200RDWE | <b>REPLACEMENT GRILLES</b><br>Ø200mm Round white finish. Compatible with EF200 series                     |
|  | EFGR250RDWE | <b>REPLACEMENT GRILLES</b><br>Ø250mm Round white finish. Compatible with EF250 series                     |
|  | FG100       | <b>EXTERNAL GRILLES</b><br>Ø100mm Fixed Square Grille                                                     |
|  | FG150       | <b>EXTERNAL GRILLES</b><br>Ø150mm Fixed Square Grille                                                     |
|  | GG100       | <b>EXTERNAL GRILLES</b><br>Ø100mm Square Gravity Grille                                                   |
|  | GG150       | <b>EXTERNAL GRILLES</b><br>Ø150mm Square Gravity Grille                                                   |

# ACCESSORIES

|                                                                                       | CAT. NO.    | DESCRIPTION                                                          |
|---------------------------------------------------------------------------------------|-------------|----------------------------------------------------------------------|
|    | A505        | <b>EXTERNAL GRILLES</b><br>Ø150mm Round Ceiling/Wall diffuser        |
|    | RG100       | <b>EXTERNAL GRILLES</b><br>Ø100mm Round Grille                       |
|    | RG150       | <b>EXTERNAL GRILLES</b><br>Ø150mm Round Grille                       |
|    | WPG100      | <b>EXTERNAL GRILLE</b><br>Ø100mm Weatherproof Cowl                   |
|  | WPG150      | <b>EXTERNAL GRILLE</b><br>Ø150mm Weatherproof Cowl                   |
|  | AD1003      | <b>DUCTING</b><br>Ø100mm x 3m length                                 |
|  | AD1503      | <b>DUCTING</b><br>Ø150mm x 3m length                                 |
|  | R621D2DA    | <b>DUCT ADAPTOR</b><br>Ø100 to Ø150mm duct adaptor                   |
|  | EF100/150TD | <b>TIME DELAY MODULE</b><br>1-29min for EF100 & 150 series wall fans |

# RANGE OVERVIEW

|                                | CAT. NO.      | FINISH COLOUR | DIAMETER | MOTOR RATING | MAX AIR FLOW | IP WEATHERPROOF RATING |
|--------------------------------|---------------|---------------|----------|--------------|--------------|------------------------|
| WALL EXHAUST FAN NON-DUCTED    | EF100SQWE     | White         | 100mm    | 14W          | 94m³/h       | IP44                   |
|                                | EF100SQSWE    | White         | 100mm    | 14W          | 105m³/h      | IP24                   |
|                                | EFT100SQSWE   | White         | 100mm    | 14W          | 105m³/h      | IP24                   |
|                                | EF100SQSWEKIT | White         | 100mm    | 14W          | 105m³/h      | IP24                   |
|                                | EF100RDWE     | White         | 100mm    | 14W          | 105m³/h      | IP24                   |
|                                | EF150SQWE     | White         | 150mm    | 24W          | 218m³/h      | IP44                   |
|                                | EF150SQSWE    | White         | 150mm    | 24W          | 309m³/h      | IP24                   |
|                                | EF150RDWE     | White         | 150mm    | 24W          | 309m³/h      | IP24                   |
|                                | EFT150SQSWE   | White         | 150mm    | 24W          | 267m³/h      | IP24                   |
|                                | EFH150SQSWE   | White         | 150mm    | 24W          | 267m³/h      | IP24                   |
|                                | R621/8A       | White         | 150mm    | 29W          | 245m³/h      | IP44                   |
| AUTO-SHUTTER NON-DUCTED        | EFS150SQWE    | White         | 150mm    | 24W          | 200m³/h      | IP44                   |
|                                | EFS150SQSWE   | White         | 150mm    | 24W          | 267m³/h      | IP24                   |
|                                | R621/9A       | White         | 150mm    | 29W          | 245m³/h      | IP44                   |
| CEILING EXHAUST FAN NON-DUCTED | EF200RDWE     | White         | 200mm    | 35W          | 350m³/h      | N/A                    |
|                                | EF200RDMS     | Silver        | 200mm    | 35W          | 350m³/h      | N/A                    |
|                                | EF200SQWE     | White         | 200mm    | 35W          | 350m³/h      | N/A                    |
|                                | EF250RDWE     | White         | 250mm    | 38W          | 400m³/h      | N/A                    |
|                                | EF250RDMS     | Silver        | 250mm    | 38W          | 400m³/h      | N/A                    |
|                                | EF250SQWE     | White         | 250mm    | 38W          | 400m³/h      | N/A                    |

# RANGE OVERVIEW

|                            | CAT. NO.        | FINISH COLOUR | DIAMETER | MOTOR RATING | MAX AIR FLOW | IP WEATHERPROOF RATING |
|----------------------------|-----------------|---------------|----------|--------------|--------------|------------------------|
| CEILING EXHAUST FAN DUCTED | EFD01RDWE       | White         | 150mm    | 40W          | 330m³/h      | N/A                    |
|                            | EFD01SQWE       | White         | 150mm    | 40W          | 330m³/h      | N/A                    |
|                            | EFD01RDWEKIT    | White         | 150mm    | 40W          | 330m³/h      | IP24                   |
|                            | EFIL100SQWE     | White         | 100mm    | 30W          | 255m³/h      | IP55                   |
| IN-LINE EXHAUST FAN DUCTED | EFIL150SQWE     | White         | 150mm    | 60W          | 555m³/h      | IP55                   |
|                            | EFTIL150SQWEKIT | White         | 150mm    | 60W          | 555m³/h      | IP24                   |
|                            | EFLIL150SQWEKIT | White         | 150mm    | 60W          | 555m³/h      | IP55                   |
|                            |                 |               |          |              |              |                        |



# INSTANT HEAT





# INSTANT HEAT SINGLE LAMP NON-DUCTED

Perfect for retrofit home installations in ensuite and small bathrooms, this handy single heat lamp can help ward off the shivers in those cold months. The infrared heat lamps provide a focused source of fast, radiant heat making them ideal to be placed directly over the drying area for optimal heating performance.



BH1WE



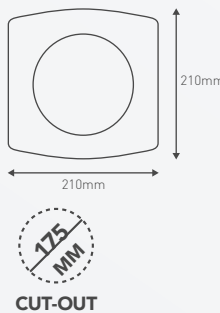
R615

**Main applications**

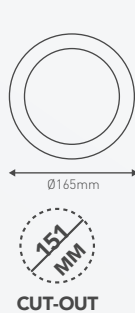
Perfect for small bathrooms, toilets or ensuite

|                             | BH1WE          | R615           |
|-----------------------------|----------------|----------------|
| Heat lamps                  | 1 x 275W       | 1x 275W        |
| Max power consumption       | 375W           | 275W           |
| Frequency                   | 50Hz           | 50Hz           |
| Supply voltage              | 230 – 240V a.c | 230 – 240V a.c |
| Thermal overload protection | 100°C          | N/A            |
| Required ceiling depth      | >300mm         | >300mm         |
| Weight                      | 950g           | 750g           |
| Product codes               | White          | BH1WE          |
|                             | White          | R615           |

BH1WE



R615



↓↓↓  
**INSTANT  
POWERFUL  
HEATING**  
275W HEAT LAMP

**SAFE**  
THERMAL  
OVERLOAD  
PROTECTION

**5 YEAR  
WARRANTY**



# INSTANT HEAT 3-IN-1 NON-DUCTED

TWO LAMPS

Ideal for retrofit home installations. The Instant Heat 3-in-1 combines lighting, heating and ventilation in one stylish unit. The heat lamps, exhaust fan and centre light can be used separately or together to create the perfect bathroom environment. While the heat lamps produce instant heat, the centre light provides general illumination and the exhaust fan extracts steam and moisture.



BH2NDWE

LED

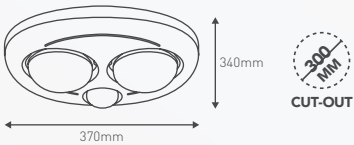
**Main applications**  
Perfect for small  
bathrooms and ensuites



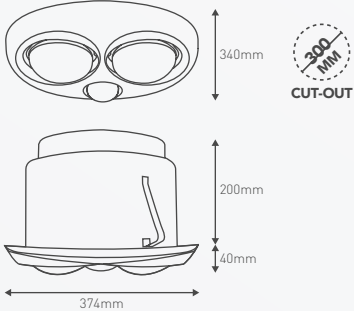
R622/1AC

|                        | BH2NDWE                                                  | R622/1AC                                            |
|------------------------|----------------------------------------------------------|-----------------------------------------------------|
| Centre Light           | 7W LED R80 E27<br>600 lm                                 | 100W ES                                             |
| Heat lamps             | 2 x 275W                                                 | 2 x 275W                                            |
| Exhaust fan            | 240mm axial                                              | 240mm axial                                         |
| Max power consumption  | 690W                                                     | 690W                                                |
| Frequency              | 50Hz                                                     | 50Hz                                                |
| Supply voltage         | 230 – 240V a.c                                           | 230 – 240V a.c                                      |
| Motor rating           | 40W                                                      | 40W                                                 |
| Maximum airflow        | 240m³/h = 67 L/s                                         | 240m³/h = 67 L/s                                    |
| Required ceiling depth | >500mm                                                   | >500mm                                              |
| Weight                 | 3.3kg                                                    | 3.3kg                                               |
| Inclusions             | Excel Life 3-gang<br>switch engraved<br>HEAT, FAN, LIGHT | Excel 3-gang<br>switch engraved<br>HEAT, FAN, LIGHT |
| Product codes          | White Fascia<br>White Fascia                             | <b>BH2NDWE</b><br><b>R622/1AC</b>                   |

BH2NDWE



R622/1AC



↓↓↓  
**INSTANT  
POWERFUL  
HEATING**  
2 x 275W  
HEAT LAMPS

UP TO  
**MAX  
AIRFLOW**  
240m³/h

**5 YEAR  
WARRANTY**

# INSTANT HEAT 3-IN-1 NON-DUCTED

FOUR LAMPS

Relish the toasty comfort of four heat lamps for keeping warm in the cooler months. The heat lamps, exhaust fan and light in this stylish unit can be used together or separately so you can create the perfect environment, whatever the reason or season. Ideal for retrofit home installations.



BH4NDWE

**Main applications**  
Perfect for medium-large bathrooms



R622/2AC

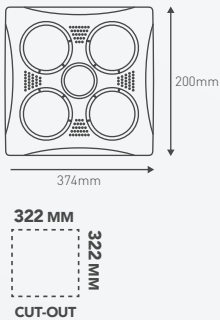
↓↓↓  
**INSTANT  
POWERFUL  
HEATING**  
4 x 275W  
HEAT LAMPS

UP TO  
**MAX  
AIRFLOW**  
400m³/h

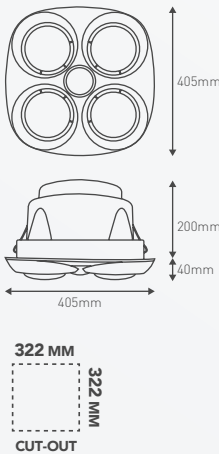
**5 YEAR  
WARRANTY**

|                        | BH4NDWE                                                     | R622/2AC                                               |
|------------------------|-------------------------------------------------------------|--------------------------------------------------------|
| Centre Light           | 7W LED R80 E27<br>600 lm                                    | 100W ES                                                |
| Heat lamps             | 4 x 275W                                                    | 4 x 275W                                               |
| Exhaust fan            | 230mm axial                                                 | 230mm axial                                            |
| Max power consumption  | 1240W                                                       | 1240W                                                  |
| Frequency              | 50Hz                                                        | 50Hz                                                   |
| Supply voltage         | 230 – 240V a.c                                              | 230 – 240V a.c                                         |
| Motor rating           | 40W                                                         | 40W                                                    |
| Maximum airflow        | 390m³/h = 108L/s                                            | 390m³/h = 108L/s                                       |
| Required ceiling depth | >500mm                                                      | >500mm                                                 |
| Weight                 | 4.5kg                                                       | 4.5kg                                                  |
| Inclusions             | Excel Life 4-gang switch engraved<br>HEAT, HEAT, FAN, LIGHT | Excel 4-gang switch engraved<br>HEAT, HEAT, FAN, LIGHT |
| Product codes          | White Fascia<br>White Fascia                                | <b>BH4NDWE</b><br><b>R622/2AC</b>                      |

BH4NDWE



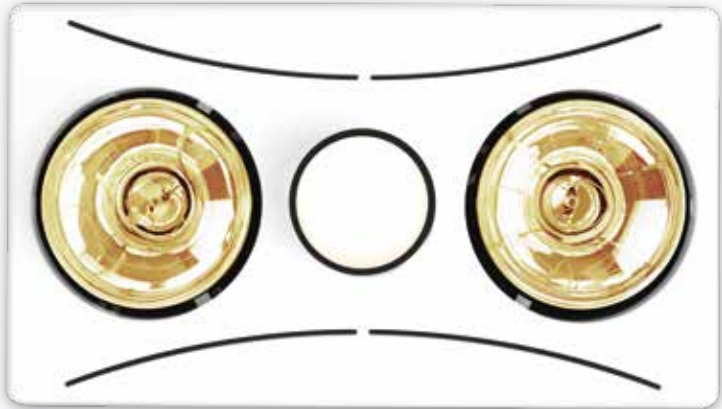
R622/2AC





# INSTANT HEAT 3-IN-1 DUCTED TWO LAMPS

A combination of light, heater and ducted exhaust fan perfect for smaller bathrooms and ensuites. Ducting to the outside prevents condensation damage to the ceiling.



BH2DWE

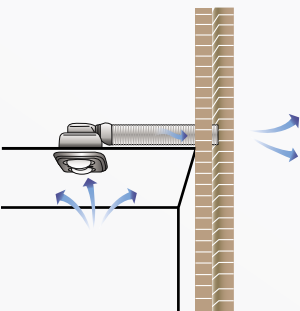


R622D1

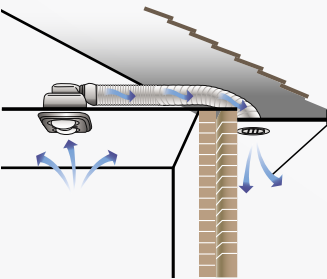


**Main applications**  
Perfect for small bathrooms and ensuites

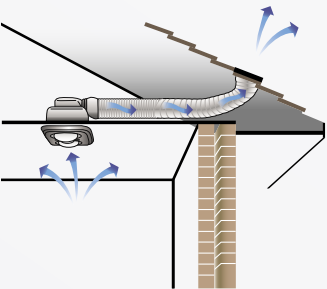
## INSTALLATION



Multi storey application



Standard roof application



Vertical roof application

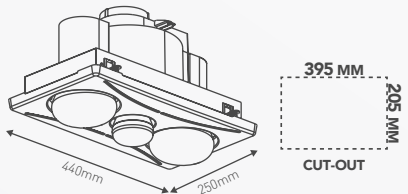
**NOTE:** Vertical ducting with roof vents may result in reduced fan performance, increased noise and condensation/dripping.



↓↓↓  
**INSTANT POWERFUL HEATING**  
2 x 275W HEAT LAMPS  
  
UP TO MAX AIRFLOW 180m³/h  
  
**DUCTING KIT INCLUDED**  
  
**5 YEAR WARRANTY**

|                                    | BH2DWE                                                                                                             | R622D1                                                                                                        |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| <b>Centre Light</b>                | 7W LED R80 E27                                                                                                     | 60W Incandescent lamp                                                                                         |
| <b>Heat lamps</b>                  | 2 x 275W                                                                                                           | 2 x 275W                                                                                                      |
| <b>Exhaust fan</b>                 | Centrifugal                                                                                                        | Centrifugal                                                                                                   |
| <b>Max power consumption</b>       | 840W                                                                                                               | 630W                                                                                                          |
| <b>Frequency</b>                   | 50Hz                                                                                                               | 50Hz                                                                                                          |
| <b>Supply voltage</b>              | 230 – 240V a.c                                                                                                     | 230 – 240V a.c                                                                                                |
| <b>Motor rating</b>                | 50W                                                                                                                | 16W                                                                                                           |
| <b>Maximum airflow</b>             | 200m³/h = 56L/s without duct<br>180m³/h = 50L/s with Ø150mm x 3m duct                                              | 116m³/h = 32L/s without duct<br>95m³/h = 26L/s with Ø100mm x 3m duct                                          |
| <b>Thermal overload protection</b> | 100°C                                                                                                              | N/A                                                                                                           |
| <b>Required ceiling depth</b>      | >300mm                                                                                                             | >220mm                                                                                                        |
| <b>Draft stopper built-in</b>      | Yes                                                                                                                | Yes                                                                                                           |
| <b>Weight</b>                      | 4.3kg                                                                                                              | 3.0kg                                                                                                         |
| <b>Inclusions</b>                  | Excel Life 3-gang switch engraved HEAT, FAN, LIGHT.<br>3m x Ø150mm duct, external grille, duct tape and cable ties | Excel 3-gang switch engraved HEAT, FAN, LIGHT.<br>3m x Ø100mm duct, external grille, duct tape and cable ties |
| <b>Product codes</b>               | White Fascia 2 lamp                                                                                                | <b>BH2DWE</b>                                                                                                 |
|                                    | White Fascia 2 lamp                                                                                                | <b>R622D1</b>                                                                                                 |

BH2DWE



# INSTANT HEAT 3-IN-1 DUCTED FOUR LAMPS

A combination of light, heater and ducted exhaust fan perfect for larger bathrooms and ensuites. Ducting to the outside prevents condensation damage to the ceiling.



BH4DWE

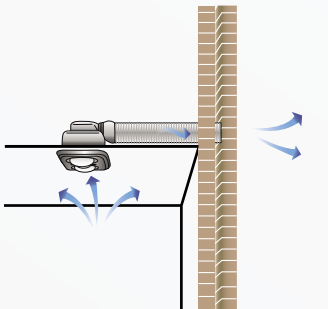


**Main applications**  
Perfect for larger bathrooms and ensuites

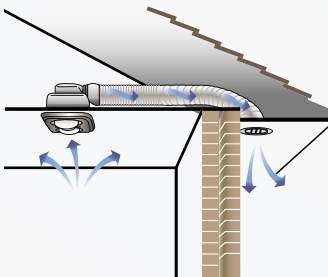


R622D2

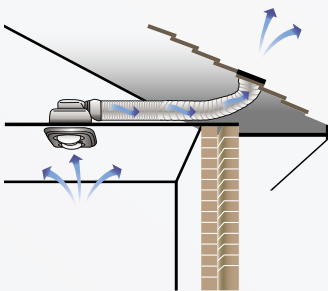
## INSTALLATION



Multi storey application



Standard roof application



Vertical roof application

**NOTE:** Vertical ducting with roof vents may result in reduced fan performance, increased noise and condensation/dripping.



INSTANT  
POWERFUL  
HEATING  
2 x 275W  
HEAT LAMPS

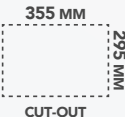
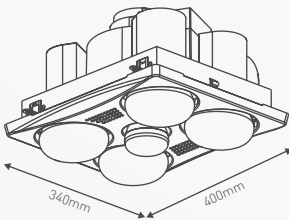
UP TO  
MAX  
AIRFLOW  
240m³/h

DUCTING  
KIT  
INCLUDED

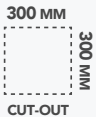
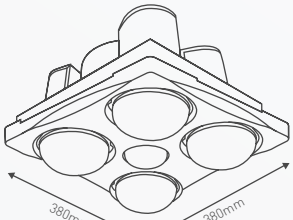
5 YEAR  
WARRANTY

|                             | BH4DWE                                                                                                                  | R622D2                                                                                                             |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| Centre Light                | 7W LED R80 E27                                                                                                          | 100W R80 Incandescent lamp                                                                                         |
| Heat lamps                  | 4 x 275W                                                                                                                | 4 x 275W                                                                                                           |
| Exhaust fan                 | Centrifugal                                                                                                             | Centrifugal                                                                                                        |
| Max power consumption       | 1570W                                                                                                                   | 1240W                                                                                                              |
| Frequency                   | 50Hz                                                                                                                    | 50Hz                                                                                                               |
| Supply voltage              | 230 – 240V a.c                                                                                                          | 230 – 240V a.c                                                                                                     |
| Motor rating                | 50W                                                                                                                     | 30W                                                                                                                |
| Maximum airflow             | 200m³/h = 56L/s without duct<br>180m³/h = 50L/s with Ø150mm x 3m duct                                                   | 189m³/h = 53L/s without duct<br>135m³/h = 38L/s with Ø100mm x 3m duct                                              |
| Thermal overload protection | 100°C                                                                                                                   | N/A                                                                                                                |
| Required ceiling depth      | >300mm                                                                                                                  | >260mm                                                                                                             |
| Draft stopper built-in      | Yes                                                                                                                     | Yes                                                                                                                |
| Weight                      | 5.2kg                                                                                                                   | 4.5kg                                                                                                              |
| Inclusions                  | Excel Life 4-gang switch engraved HEAT, HEAT, FAN, LIGHT<br>3m x Ø150mm duct, external grille, duct tape and cable ties | Excel 4-gang switch engraved HEAT, HEAT, FAN, LIGHT<br>3m x Ø100mm duct, external grille, duct tape and cable ties |
| Product codes               | White Fascia 4 lamp                                                                                                     | BH4DWE                                                                                                             |
|                             | White Fascia 4 lamp                                                                                                     | R622D2                                                                                                             |

BH4DWE



R622D2



# POSITIONING OF INSTANT HEAT & TIPS

It is important to consider the wet areas of a room when you place an instant heater in a bathroom or ensuite. For safety reasons, there are a few rules to follow when installing an exhaust fan close to a shower:

**1. It is necessary to respect zones of installations**

**Zone 0:** This is the interior of the bathtub or shower basin

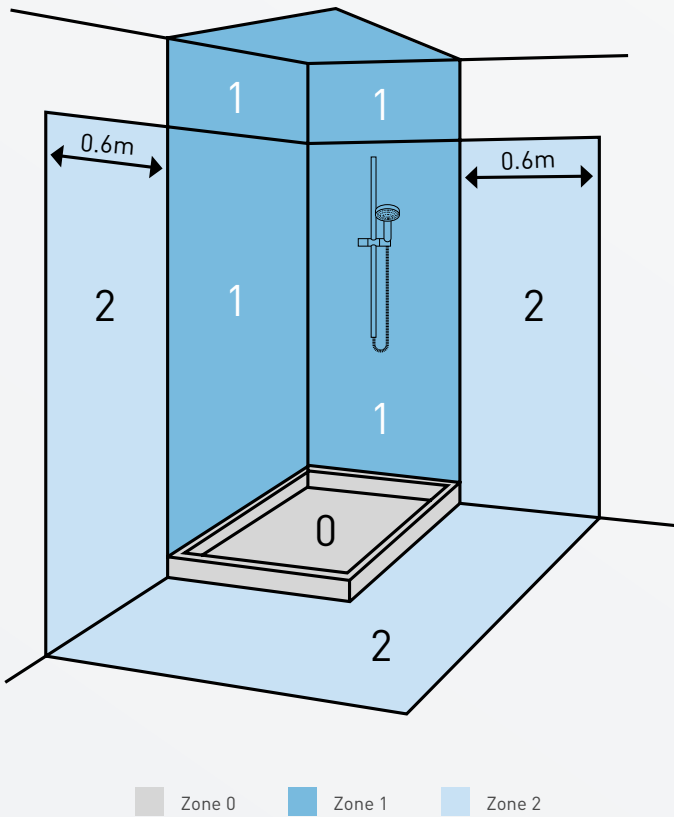
**Zone 1:** This extends above zone 0 and around the perimeter of the bath or shower basin to 2.25m for NZ and 2.5m for Australia above the floor level

**Zone 2:** This extends 600mm beyond Zone 1 and to a height of 2.25m for NZ and 2.5m for Australia above floor level

Where possible we recommended your fan is not installed directly above the shower/bath as condensation may occur causing dripping.

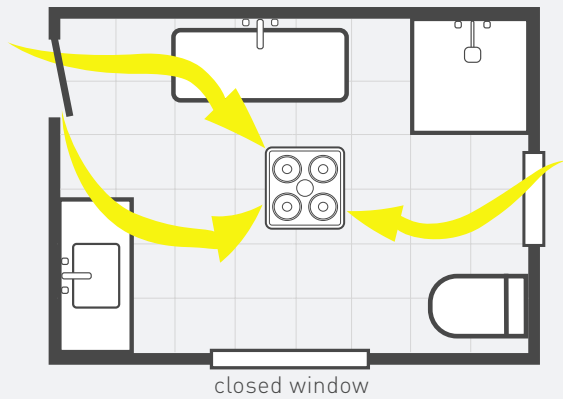
Note: Example shown is typical only. Consult AS/NZS 3000 for full definition of installation zones in wet areas.

**2. You MUST have your exhaust fan vented/ducted horizontally to an eave AND must have an open window or 20mm off the base of a door to allow cross ventilation.**



**TIPS**

- Choose the position where your heat lamp will be installed carefully.
- It is recommended to place the heater in the middle of the room for it not to be near the wet areas
- You should also position the heater directly to the place where you will be standing when you will need the heat after you have left your bath or shower
- Instant heat should be cleaned every 6 months or more often to prevent dust buildup



Heat lamps are not designed to heat entire rooms, but to provide instant and focused heat directly below. Position an Instant Heat directly over the drying area for optimal heat performance.

The exhaust fan in the Instant Heat requires a balanced air flow to perform at maximum efficiency. This means there needs to be air flowing into the room from sources such as windows, vents or under doors to allow a cross flow of air movement.

# RANGE OVERVIEW

| CAT. NO  | DESCRIPTION              | FINISH COLOUR | DUCTED | MOTOR RATING | MAX POWER CONSUMPTION | HEAT LAMPS | EXHAUST FAN TYPE | MAX AIR FLOW |
|----------|--------------------------|---------------|--------|--------------|-----------------------|------------|------------------|--------------|
| BH1WE    | Single Lamp Instant Heat | White         | No     | N/A          | 375W                  | 1 x 275W   | N/A              | N/A          |
| R615     | Single Lamp Instant Heat | White         | No     | N/A          | 275W                  | 1 x 275W   | N/A              | N/A          |
| BH2NDWE  | 2-lamp non-ducted        | White Fascia  | No     | 40W          | 690W                  | 2 x 275W   | Axial            | 240m³/h      |
| R622/1AC | 2-lamp non-ducted        | White Fascia  | No     | 40W          | 690W                  | 2 x 275W   | N/A              | 250m³/h      |
| BH4NDWE  | 4-lamp non-ducted        | White Fascia  | No     | 40W          | 1240W                 | 4 x 275W   | Axial            | 390m³/h      |
| R622/2AC | 4-lamp non-ducted        | White Fascia  | No     | 40W          | 1240W                 | 4 x 275W   | N/A              | 400m³/h      |
| BH2DWE   | 2-lamp ducted            | White Fascia  | Yes    | 50W          | 840W                  | 2 x 275W   | Centrifugal      | 200m³/h      |
| R622D1   | 2-lamp ducted            | White Fascia  | Yes    | 16W          | 630W                  | 2 x 275W   | Centrifugal      | 116m³/h      |
| BH4DWE   | 4-lamp ducted            | White Fascia  | Yes    | 50W          | 1570W                 | 4 x 275W   | Centrifugal      | 200m³/h      |
| R622D2   | 4-lamp ducted            | White Fascia  | Yes    | 30W          | 1240W                 | 4 x 275W   | Centrifugal      | 189m³/h      |





## CEILING SWEEP FANS

# CLASSIC STREAMLINE DESIGN

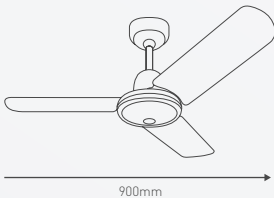
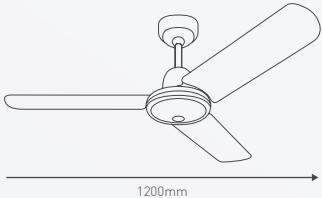
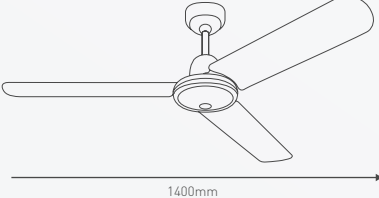
We believe fans should be designed to be timeless and discreet.

Whether you're in the tropics, the outback, the suburbs, or remote New Zealand, we want to keep you cool and comfortable without costing you a fortune.

So we've designed and engineered our fans in Australia to provide maximum performance for minimum energy consumption. We've also focused on making them easier to install.

**Simple, reliable and good value for money; you can't beat that.**

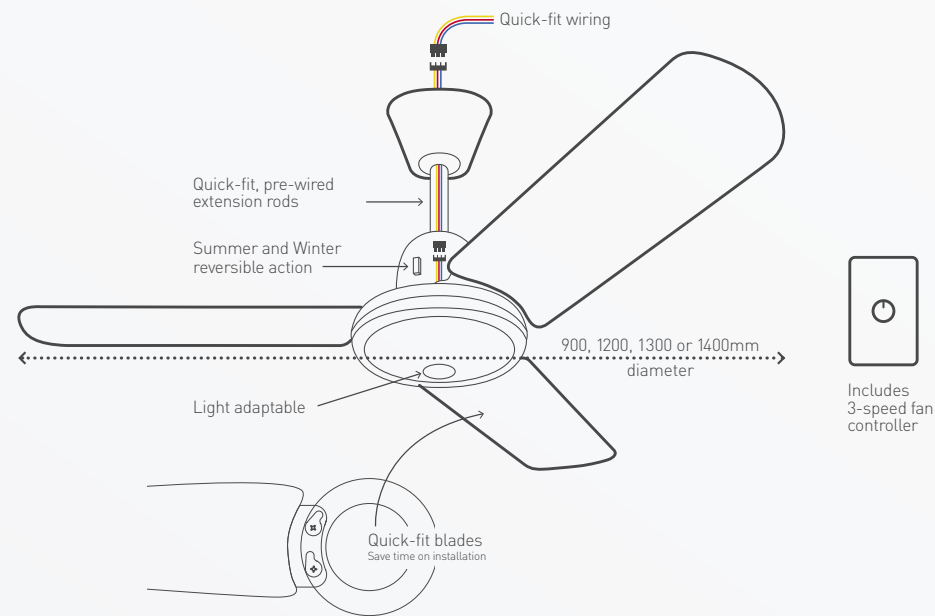


| GUIDE TO CHOOSING THE RIGHT FAN |                                                                                     |                                                                                      |                                                                                       |
|---------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| ROOM DIMENSIONS                 | Up to 12m <sup>2</sup>                                                              | 12 – 27m <sup>2</sup>                                                                | 27+m <sup>2</sup>                                                                     |
|                                 |  |  |  |
| SUGGESTED FAN SIZE              | 900mm                                                                               | 1200mm                                                                               | 1400mm                                                                                |
| RECOMMENDATIONS                 | Ideal for lounge rooms, living areas and master bedrooms                            | Ideal for medium to small rooms                                                      | Ideal for kitchens, dining rooms, kids bedrooms and offices                           |

| SUMMER & WINTER MODES EXPLAINED                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| We've added a simple toggle switch on all our fans so it's easy to switch between Summer mode for the warmer months and Winter mode for the cooler months. This optimises the fan's performance and increases comfort.                                                                                   |                                                                                                                                                                                                                                                                                                                                                         |
| <br><b>SUMMER MODE</b><br>In the warmer months, you want the blades to rotate clockwise to push cool air down. This creates a wind chill effect and evaporates perspiration from skin to keep everyone comfortable. | <br><b>WINTER MODE</b><br>In the cooler months, you want the blades to rotate counter-clockwise at a low speed to pull air up. A gentle updraft will push warm air, which naturally rises to the ceiling, down along the walls to the floor to keep everyone snug. |

| REGULATION REQUIREMENT                                                                                                                                                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| The Australian & New Zealand Standard implies that the lowest point of the fan blades must be installed at least 2.1m from the floor and the blades at least 300mm from the nearest wall. |

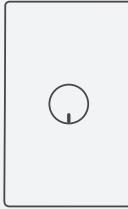
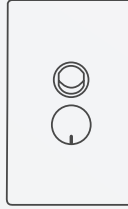
# FEATURES OVERVIEW



## DESIGN FEATURES

- **QUICK-FIT WIRING**  
For super fast installation  
No need to bring up the fan on the ladder
- **REMOTE CONTROL**  
Compatible with all models  
Perfect for retrofit installations
- **PRE-WIRED REPLACEABLE DOWNRODS**  
For easy extension
- **LIGHT AVAILABLE**  
For convenience and space-saving
- **QUICK-FIT BLADES**  
For less hassle and rapid fit-off
- **MAXIMUM AIRFLOW**  
Enables maximum cooling whilst maintaining quiet operation
- **HANG-SURE & J-HOOK MODELS**  
For level and inclined ceilings
- **AUSTRALIAN DESIGNED & ENGINEERED**  
For quality guaranteed

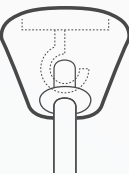
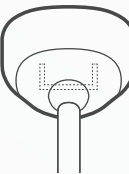
## WALL CONTROLLER

- FAN ONLY**  
  
The HPM ceiling sweep fan comes complete with a capacitive 3-speed controller on a wall plate with standard 84mm fixing centres. Please refer to instructions supplied with the speed controller for installation.
- FAN WITH LIGHT**  
  
If installing a light, additional components (not supplied) are required.  
Excel Life 2-gang grid plate [ED770/2GPLWE]  
Excel Life wall switch [EM770WE]
- ED770/1GPLWE**  

- EM3FC**  

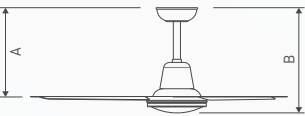

If intending to use a remote control kit [not supplied] then do not mount the wall plate.

## MOUNTING OPTIONS

- **J-HOOK MOUNTING**  
Suitable for level ceiling only
- **HANG-SURE MOUNTING**  
Suitable for all ceiling types including inclined ceilings up to a 20° angle

## ROD LENGTH

| LENGTH   | STANDARD |       | MEDIUM (750mm) |       | LONG (1500mm) |        |
|----------|----------|-------|----------------|-------|---------------|--------|
|          | A        | B     | A              | B     | A             | B      |
| HANGSURE | 300mm    | 345mm | 915mm          | 960mm | 1665mm        | 1710mm |
| J HOOK   | 335mm    | 380mm | 950mm          | 995mm | 1700mm        | 1745mm |



## OPTIONAL ACCESSORIES

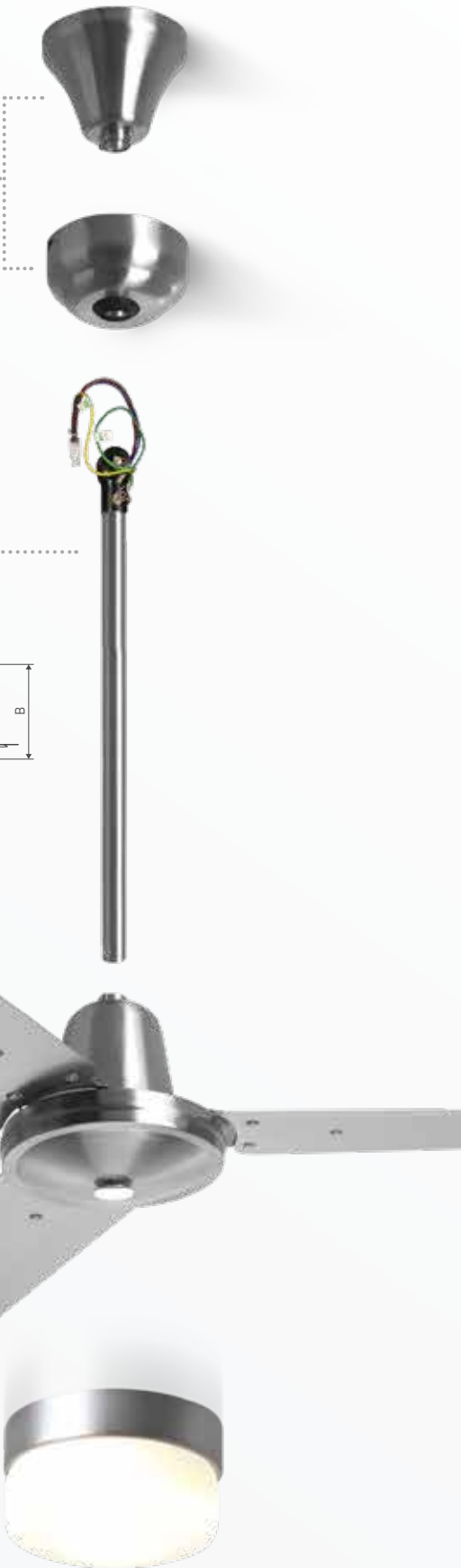
- REMOTE CONTROL KIT\***  
(CFREMOTEH)
  - 2, 4 & 6 hour timer
  - Low, Med & High fan speed
  - Low, Med & High light
  - Compatible with all models
  - Wall bracket included(Note: This remote is not compatible with the Lamp on the RCF Series Fans as the Lamp is non-dimmable. The cable for Fan must be manually wired to the Controller as the connectors are not compatible.)



- OYSTER LIGHT KIT**  
(CFOLWE / CFOLBS)
  - Available in White (WE) and Brushed Stainless Steel (BS)
  - Compatible with the entire range
  - Easy fit-off(Note: globe not included)



- CLIPPER LIGHT KIT**  
(CFCLWE / CFCLBS)
  - Available in White (WE) and Brushed Stainless Steel (BS)
  - Compatible with the entire range
  - Easy fit-off(Note: globe not included)





# INSPIRE RESIDENTIAL SWEEP SERIES

This ceiling fan is stylish, powerful and tough. With summer and winter reversible option, the inspire series is the perfect companion in any home.



**Why 3 or 4 blade?**  
This is a question of aesthetic preference. Both 3 and 4 blade fans perform equally well.

**Main applications**  
Residential - Living areas, bedrooms, undercover outdoor areas.



|                       |                                 |
|-----------------------|---------------------------------|
| Motor Rating          | 50W                             |
| Description           | Inspire Residential Ceiling Fan |
| Number of Blades      | 4                               |
| Construction          | Plywood Blades                  |
| Mounting              | Hang-sure                       |
| Diameter              | 1200mm                          |
| Airflow               | 7680m³/h (Max)                  |
| Warranty              | 3 Years                         |
| Nominal Input Voltage | 230 - 240 V a.c 50Hz            |

|                                                                                       |                |                  |
|---------------------------------------------------------------------------------------|----------------|------------------|
| <b>Product codes</b>                                                                  |                |                  |
|   | White          | <b>RCF12H4WE</b> |
|  | Black          | <b>RCF12H4BL</b> |
|  | Brushed Silver | <b>RCF12H4BS</b> |

UP TO  
**MAX AIRFLOW**  
7,680m³/h

ULTRA  
**QUIET**

FAST  
CONNECT  
WIRING

3 YEAR  
WARRANTY



INSPIRE RESIDENTIAL SWEEP

WITH LIGHT

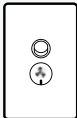
NEW

The Inspire fan with light features an integrated LED light for a cleaner, minimalist look. It is ideally suited to smaller rooms where you don't want the visual clutter of separate light fittings.



Main applications

Residential - Living areas, bedrooms, undercover outdoor areas.



Supplied with Fan Controller with extra switch for light.



|                       |                                 |
|-----------------------|---------------------------------|
| Motor Rating          | 50W                             |
| Description           | Inspire Residential Ceiling Fan |
| Number of Blades      | 4                               |
| Construction          | Plywood Blades                  |
| Mounting              | Hang-sure                       |
| Diameter              | 1200mm                          |
| Airflow               | 7680m³/h (Max)                  |
| Warranty              | 3 Years                         |
| Nominal Input Voltage | 230 - 240 V a.c 50Hz            |

Product codes



White

RCFTRI12H4WE



Black

RCFTRI12H4BL

LED LIGHT SPECIFICATION

|                              |                                        |
|------------------------------|----------------------------------------|
| LED Light Output             | 900 lm                                 |
| Efficacy                     | 60 lm/W                                |
| Wattage                      | 15 W                                   |
| Colour Temperature           | Warm White, Cool White, Natural white. |
| Colour Rendering Index (CRI) | Ra: 80+                                |



# INSPIRE SMART SWEEP WITH LIGHT

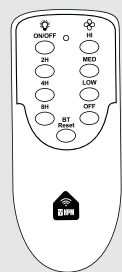
Introducing the latest Inspire Smart fan with integrated LED light. Combining design and engineering with connected technology. Control via your smartphone or remote.

AVAILABLE FROM  
JANUARY 2022

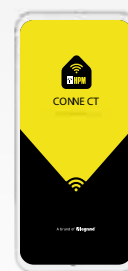


## I'm Smart

Control me from your smart phone.



Remote Control  
(included)



Download  
the app



|                              |                                    |
|------------------------------|------------------------------------|
| <b>Motor Rating</b>          | 50W                                |
| <b>Description</b>           | Inspire Smart Sweep fan with light |
| <b>Number of Blades</b>      | 4                                  |
| <b>Construction</b>          | Plywood Blades                     |
| <b>Mounting</b>              | Hang-sure                          |
| <b>Diameter</b>              | 1200mm                             |
| <b>Airflow</b>               | 7680m <sup>3</sup> /h (Max)        |
| <b>Warranty</b>              | 3 Years                            |
| <b>Nominal Input Voltage</b> | 230 - 240 V a.c 50Hz               |

## Product codes



White

RCFL12H4BTWE

## LED LIGHT SPECIFICATION

|                                     |                                        |
|-------------------------------------|----------------------------------------|
| <b>LED Light Output</b>             | 900 lm                                 |
| <b>Efficacy</b>                     | 60 lm/W                                |
| <b>Wattage</b>                      | 15 W                                   |
| <b>Colour Temperature</b>           | Warm White, Cool White, Natural white. |
| <b>Colour Rendering Index (CRI)</b> | Ra: 80+                                |

## REMOTE CONTROL (INCLUDED)

|                  |                                                                                                                                               |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Functions</b> | <ul style="list-style-type: none"> <li>• 3 speed control (fan)</li> <li>• 3 timer selection (fan)</li> <li>• Switch ON/OFF (light)</li> </ul> |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|





# WHITE ALUMINIUM SERIES

This ceiling fan is unobtrusive and blends into the ceiling. Featuring white aluminium blades, this ceiling fan is excellent for the budget conscious. It's simple, reliable and great value for money.

Main applications

Perfect for residential – commercial – hotels

Why 3 or 4 blade?

This is a question of aesthetic preference. Both 3 and 4 blade fans perform equally well.



RECOMMENDED ACCESSORIES

Clipper Light Kit

Oyster Light Kit

Remote Control Kit

Grid & Plate

Dimmer



CFCLWE  
(White)



CFOLWE  
(White)



CFREMOTEH  
(Hang-sure)



ED770/26PLWE



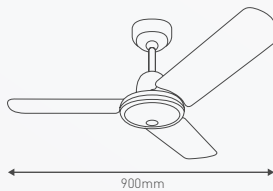
EM400A3PWE

Recommended when using light kits - insert the fan controller (included in box with fan) and dimmer mechanism in one plate.

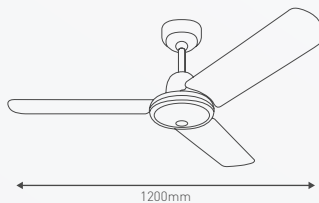
|                              |                                                     |
|------------------------------|-----------------------------------------------------|
| Power                        | 60W                                                 |
| Number of blades             | 3 or 4                                              |
| Mounting options             | J-hook or Hang-sure                                 |
| Construction                 | White aluminium blades                              |
| Operation                    | Reversible summer and winter                        |
| Inclusions                   | Excel Life fan controller 3-speed white             |
| Remote controller compatible | J-hook (CFREMOTEJ),<br>Hang-sure (CFREMOTEH)        |
| Light adaptable              | LED Clipper light or<br>Oyster light kits available |

| Product codes     | J-hook   | Hang-sure |
|-------------------|----------|-----------|
| 3-blade<br>900mm  |          | CF9HWE    |
| 3-blade<br>1200mm | CF12JWE  | CF12HWE   |
| 3-blade<br>1400mm | CF14JWE  | CF14HWE   |
| 4-blade<br>1200mm | CF12J4WE | CF12H4WE  |
| 4-blade<br>1400mm | CF14J4WE | CF14H4WE  |

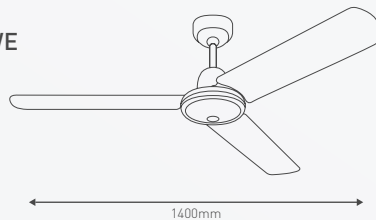
CF9HWE



CF12H4WE



CF14H4WE



UP TO  
MAX  
AIRFLOW  
11,040m³/h

60W  
POWERFUL  
MOTOR

HPM  
REMOTE  
COMPATIBLE



FAST  
CONNECT  
WIRING



FAN  
CONTROLLER  
3 SPEED

3 YEAR  
WARRANTY

# 430 STAINLESS STEEL SERIES

These 430 stainless steel ceiling fans have the smart look of stainless steel without the hefty price tag. Featuring quick-fit 430 stainless steel blades for corrosion resistance, this ceiling fan is ideal for budget builds and renovations.



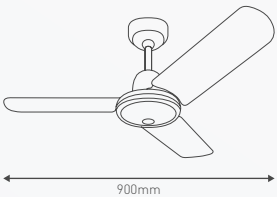
**Main applications**  
Perfect for residential  
– commercial – hotels

## RECOMMENDED ACCESSORIES

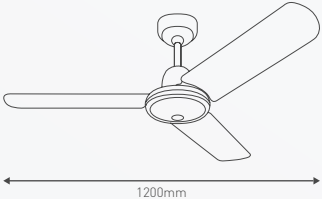
| Clipper Light Kit                                                                                                           | Oyster Light Kit                                                                    | Remote Control Kit                                                                  | Grid & Plate                                                                         | Dimmer                                                                                |
|-----------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|                                          |  |  |  |  |
| CFCLBS<br>(Brushed Stainless Steel)                                                                                         | CFOLBS<br>(Brushed Stainless Steel)                                                 | CFREMOTEH<br>(Hang-sure)                                                            | ED770/26PLWE                                                                         | EM400A3PWE                                                                            |
| Recommended when using light kits - insert the fan controller (included in box with fan) and dimmer mechanism in one plate. |                                                                                     |                                                                                     |                                                                                      |                                                                                       |

|                                     |                                                     |                  |
|-------------------------------------|-----------------------------------------------------|------------------|
| <b>Power</b>                        | 60W                                                 |                  |
| <b>Number of blades</b>             | 3                                                   |                  |
| <b>Mounting options</b>             | J-hook or Hang-sure                                 |                  |
| <b>Construction</b>                 | Stainless steel blades                              |                  |
| <b>Operation</b>                    | Reversible summer and winter                        |                  |
| <b>Inclusions</b>                   | Excel Life fan controller 3-speed white             |                  |
| <b>Remote controller compatible</b> | J-hook (CFREMOTEJ),<br>Hang-sure (CFREMOTEH)        |                  |
| <b>Light adaptable</b>              | LED Clipper light or<br>Oyster light kits available |                  |
| <b>Product codes</b>                | <b>J-hook</b>                                       | <b>Hang-sure</b> |
|                                     | 3-blade<br>900mm                                    | <b>CF9HBS</b>    |
|                                     | 3-blade<br>1200mm                                   | <b>CF12HBS</b>   |
|                                     | 3-blade<br>1400mm                                   | <b>CF14HBS</b>   |

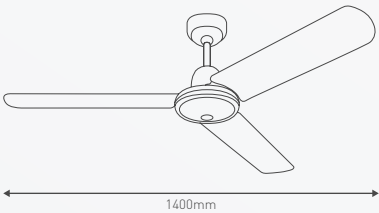
CF9HBS



CF12HBS



CF14HBS



UP TO  
MAX  
AIRFLOW  
11,040m<sup>3</sup>/h

60W  
POWERFUL  
MOTOR

HPM  
REMOTE  
COMPATIBLE

FAST  
CONNECT  
WIRING

FAN  
CONTROLLER  
3 SPEED

3 YEAR  
WARRANTY



# ACCESSORIES

|                | CAT NO      | FINISH                                        | DIAMETER (MM)           |        |
|----------------|-------------|-----------------------------------------------|-------------------------|--------|
| Light Kits     | CFOLWE      | White                                         | 245mm                   |        |
|                | CFOLBS      | Brushed Stainless Steel                       | 245mm                   |        |
|                | CFCLWE      | White                                         | 190mm                   |        |
|                | CFCLBS      | Brushed Stainless Steel                       | 190mm                   |        |
|                | CAT NO      | MOUNTING                                      | FINISH                  | LENGTH |
| Downrods       | CFDR750HWE  | Hang-sure                                     | White                   | 750mm  |
|                | CFDR750HBS  | Hang-sure                                     | Brushed Stainless Steel | 750mm  |
|                | CFDR1500HWE | Hang-sure                                     | White                   | 1500mm |
|                | CFDR1500JWE | J-Hook                                        | White                   | 1500mm |
|                | CAT NO      | DESCRIPTION                                   |                         |        |
| Remote Control | CFREMOTEH   | Remote control kit for Hang-sure Ceiling Fans |                         |        |

# RANGE OVERVIEW

|                            | CAT NO       | DIAMETER (MM) | MOUNTING  | FINISH              | BLADES | MAXIMUM AIRFLOW (M³/H) | RPM HIGH / MEDIUM / LOW |
|----------------------------|--------------|---------------|-----------|---------------------|--------|------------------------|-------------------------|
| Inspire Ceiling Fans       | RCF12H4WE    | 1200          | Hang-sure | White               | 4      | 7,680                  | H225, M160, L100        |
|                            | RCF12H4BL    | 1200          | Hang-sure | Black               | 4      | 7,680                  | H225, M160, L100        |
|                            | RCF12H4BS    | 1200          | Hang-sure | Brushed Silver      | 4      | 7,680                  | H225, M160, L100        |
|                            | RCFTRI12H4WE | 1200          | Hang-sure | White               | 4      | 7,680                  | H225, M160, L100        |
|                            | RCFTRI12H4BL | 1200          | Hang-sure | White               | 4      | 7,680                  | H225, M160, L100        |
|                            | RCFL12H4BTWE | 1200          | Hang-sure | White               | 4      | 7,680                  | H225, M160, L100        |
| Aluminium Series           | CF9HWE       | 900           | Hang-sure | White               | 3      | 4,920                  | H360, M260, L160        |
|                            | CF12HWE      | 1200          | Hang-sure | White               | 3      | 10,020                 | H320, M260, L150        |
|                            | CF12JWE      | 1200          | J-Hook    | White               | 3      | 10,020                 | H320, M260, L150        |
|                            | CF12H4WE     | 1200          | Hang-sure | White               | 4      | 10,800                 | H290, M220, L125        |
|                            | CF12J4WE     | 1200          | J-Hook    | White               | 4      | 10,800                 | H290, M220, L125        |
|                            | CF14HWE      | 1400          | Hang-sure | White               | 3      | 11,040                 | H280, M210, L115        |
|                            | CF14JWE      | 1400          | J-Hook    | White               | 3      | 11,040                 | H280, M210, L115        |
|                            | CF14H4WE     | 1400          | Hang-sure | White               | 4      | 11,880                 | H255, M185, L105        |
| 430 Stainless Steel Series | CF14J4WE     | 1400          | J-Hook    | White               | 4      | 11,880                 | H255, M185, L105        |
|                            | CF9HBS       | 900           | Hang-sure | 430 Stainless Steel | 3      | 4,920                  | H360, M260, L160        |
|                            | CF12HBS      | 1200          | Hang-sure | 430 Stainless Steel | 3      | 10,020                 | H320, M260, L150        |
|                            | CF14HBS      | 1400          | Hang-sure | 430 Stainless Steel | 3      | 11,040                 | H280, M210, L115        |
|                            | CF14JBS      | 1400          | J-Hook    | 430 Stainless Steel | 3      | 11,040                 | H280, M210, L115        |





A brand of **legrand**



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