



## CONTINUOUS RUNNING dMEV FAN

FG-A00361-001

# Installation Manual

100 mm • 125 mm • White



Thank you for choosing Dryzone®

Read all safety instructions before installing the unit.  
After installation, keep this guide for future reference.

**DO NOT DISCARD**

**DRYING  
HOMES**  
FOR OVER  
**40**  
**YEARS**  
EST 1983



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Before installing this product, consideration could be given to reference to relevant guidelines, legislation and best practice documentation for overall guidance.

Listed here are suggested documents applicable to building work carried out in England, however this is not an exhaustive list. Other relevant documents should be considered.

Separate relevant documents are available for countries other than England.

*BS 5250:2021 Management of moisture in buildings*

*The Building Regulations 2010 Approved Document F Volume 1: Dwellings & Volume 2: Buildings other than dwellings*

*The Building Regulations 2010 Approved Document L – Conservation of fuel and power Volume 1: Dwellings*

*The Building Regulations 2010 Approved Document B – Fire Safety Volume 1: Dwellings 2019 edition incorporating 2020 and 2022 amendments*

*The Building Regulations 2010 Approved Document J – Combustion appliances and fuel storage systems 2010*

*The Building Regulations 2010 Approved Document P – Electrical safety – Dwellings 2013*

*NHBC Technical Standards*

*PAS 2035:2019 Retrofitting dwellings for improved energy efficiency*

*PCA Guidance Document: Positive Input Ventilation (PIV) Systems Issue 3 – June 2021*

*PCA Endorsed Joint Position Statement from Ventilation System Suppliers & Supporters – 1st Edition*

*IET Wiring Regulations, 18th Edition Amendment 2 (BS7671:2018+A2:2022)*

# Glossary

**Backdraught Shutter:** a flap or damper installed in ventilation ductwork or within a fan unit that prevents outside air from flowing backward into the property when the fan is not running.

**Core Drill:** a cylindrical drill used to create precise, large holes through walls, typically made of masonry or concrete.

**dMEV (Decentralised Mechanical Extract Ventilation):** a type of ventilation system where individual extractor fans are installed in each wet room (e.g. bathrooms; en suites; kitchens etc) to operate continuously at a low rate, with boost capabilities when needed.

**Flexible Ducting:** a flexible, typically corrugated or foil-lined duct used to connect ventilation fans to external vents, accommodating tight or awkward installation spaces.

**Impeller:** the rotating component of a fan that moves air by converting rotational energy into airflow.

**Rigid Ducting:** solid, non-flexible ducting made from plastic or metal, used to carry air in mechanical ventilation systems.

**Spigot:** a short pipe connection or collar on a fan or duct fitting, designed to connect to ducting.



This symbol indicates that used electrical and electronic devices should not be disposed of with general household waste. Please take your device to designated recycling points, where it will be accepted free of charge. Alternatively, you may be able to return it to the retailer where you purchased it. Contact your local authority for more information on recycling facilities. Proper disposal helps conserve valuable resources and prevents potential harm to human health and the environment from improper waste handling.

# About dMEV Fans

Decentralised Mechanical Extract Ventilation (dMEV) is a type of continuous ventilation. It is designed to improve indoor air quality by removing stale and humid air directly from specific rooms, typically wet rooms such as bathrooms, kitchens and utility rooms.

The **Dryzone® Continuous Running dMEV Fan White 100 mm & 125 mm** has been developed to improve indoor air quality and to help to resolve condensation and mould problems. The installer is able to select from either a 100 mm or 125 mm spigot, depending on the room's ventilation requirements.

It is recommended that the fan is regularly cleaned to maintain optimum performance.

The fan is rated for connection to a single-phase 100 – 240 V AC/50-60 Hz power supply and is designed for continuous operation (always connected to power mains).

The fan is rated for operation at ambient temperatures from +1 °C up to +45 °C.

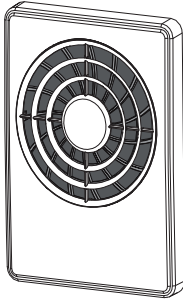
The fan does not require earthing.

The fan does not cause interference with radio, TV or video equipment.

The fan is rated as a Class II electrical appliance.

# Box Contents

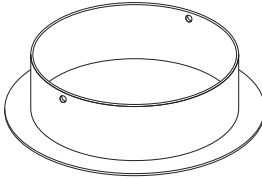
- ☐ 1 × Continuous Running dMEV Fan Unit



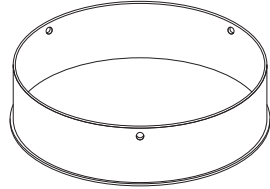
- ☐ 1 × Remote Controller



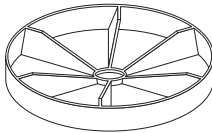
- ☐ 1 × 125 mm Spigot



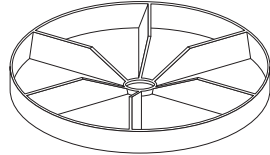
- ☐ 1 × 100 mm Spigot



- ☐ 1 × 100 mm Backdraught Shutter



- ☐ 1 × 125 mm Backdraught Shutter



- ☐ 4 × Screws



- ☐ 4 × Wall Plugs



## Additional Items You WILL Need

- |  |  |
|--|--|
| <input type="checkbox"/> Cordless drill      | <input type="checkbox"/> Pliers                  |
| <input type="checkbox"/> Suitable drill bits | <input type="checkbox"/> Wire clippers           |
| <input type="checkbox"/> Spirit level        | <input type="checkbox"/> Electrical screwdrivers |
| <input type="checkbox"/> Goggles and PPE     | <input type="checkbox"/> Utility knife           |
| <input type="checkbox"/> Pencil/pen          | <input type="checkbox"/> Tape measure            |

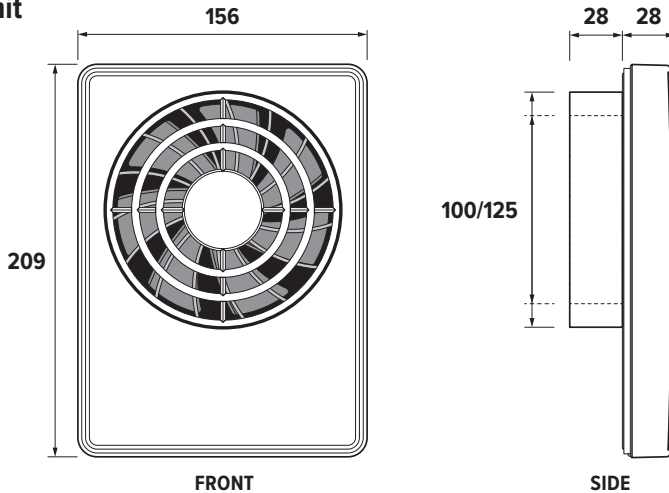
## Additional Items You MAY Need

- ☐ 100 mm/125 mm core drill
- ☐ 100 mm/125 mm flexible/rigid ducting
- ☐ 100 mm/125 mm external grill
- ☐ Suitable tile drill bit

# Product Diagrams and Features

ALL DIMENSIONS ARE IN MILLIMETRES (mm)

## Fan Unit


















## Remote Controller

The **Dryzone® Continuous Running dMEV Fan** is supplied with a remote controller that can be used to conveniently adjust many of the fan's features.

The **Dryzone® Continuous Running dMEV Fan** will audibly confirm receipt of signals from the remote controller. The maximum range of the remote controller is 3 metres.

**Please note:** the  and  buttons do not operate with this fan.

BUTTON	FUNCTION
	Turning the fan on/off
  	Quiet humidity extraction mode selection and quiet speed adjustment
  	Maximal humidity extraction mode selection and maximal speed adjustment
	Turning Pause mode on/off
	Turning 24 HOURS mode on/off
  	Adjustment of the turn-on delay timer for 0, 2 and 5 minutes respectively
  	Adjustment of the turn-off delay timer for 5, 15 and 30 minutes respectively



# Safety Instructions

## Read and understand these instructions prior to installation.

- The device must be installed in compliance with The Building Regulations 2010: Approved Document F: 2021 Volume 1: Dwellings or relevant local regulations.
- Ventilation must be installed by a competent, qualified person and signed off by your local authority Building Control department.
- THIS DEVICE IS NOT INTENDED FOR USE BY CHILDREN. Keep away from small children and pets.
- This device is not intended for use by persons with reduced physical, sensory or reasoning capabilities or lack of experience or knowledge unless they have been given supervision or instruction concerning the use of the device by a person responsible for their safety.
- This device is intended for domestic household and indoor use only. Do not use outdoors. Keep away from liquids.
- Only turn on the device, once it has been wired in accordance with relevant regulations including the current version of BS 7671:2018 + A2: 2022.
- Only use this device with supplied accessories and official Dryzone® replacement parts.
- Do not allow foreign objects to enter the ventilation or exhaust opening as this may cause electric shock or damage to the device. Do not block air outlets or intakes.
- Do not cover the device while in use.
- Always follow basic precautions when using the device to reduce the risk of fire, electric shock and injury.
- If the device is supplied with damage to any components or becomes damaged during use, do not use, isolate electrically if necessary, and immediately contact Safeguard Europe Customer Support for advice.
- The power must be turned off prior to all installations, servicing and repair works.

## WARNING

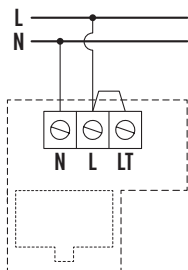
- Failure to comply with these instructions could result in fire, damage to property, serious injury or death.
- The device is not user serviceable. Do not attempt to repair the product yourself. In the event of failure, contact Safeguard Europe Customer Support.
- All wiring must comply with the current Building Regulations and IET Wiring Regulations (BS 7671:2018 + A2: 2022 in the UK) or equivalent standards for other countries. The final installation should be examined and tested by a qualified electrician.
- This product is not suitable for use with a Type AC RCD.
- The device must not affect the operation of open-flue appliances. Consult local regulations or a qualified gas engineer.
- Take steps to prevent ingress of smoke, carbon monoxide and other combustion products into the room through open chimney flues or other fire-protection devices. Sufficient air supply must be provided for proper combustion and exhaust of gases through the chimney of fuel burning equipment to prevent back drafting. Transported air must not contain any dust or other solid impurities, sticky substances or fibrous materials.



# Wiring

The fan is rated for connection to 100 – 240 V/50 – 60 Hz mains power.

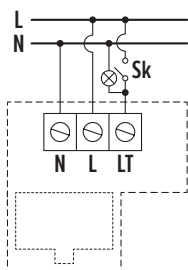
**A**



## Permanent Fan Operation With Automatic Humidity Control Only

- The L and N contacts are connected to the live and neutral wires and the contacts L and LT are bridged with a jumper.
- The fan runs permanently at low speed.
- 24 HOURS (CONTINUOUS) mode is not available.
- If the humidity level significantly increases the fan automatically activates MAXIMAL mode (by default) or QUIET mode.
- Once the humidity has reduced the fan reverts to the previous mode.

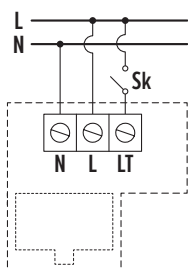
**B**



## Automatic Humidity Control, Built-in Timers, Operation by External Switches (EG: LIGHT SWITCHES)

- The contacts L and N are connected to the live and neutral wires and the contact LT is connected to live through an external switch (eg: a light switch or pullcord switch)
- The fan is in 24 HOURS mode by default to provide minimum round-the-clock ventilation.
- After operation of a light switch the fan operates in QUIET mode and operates in this mode for the time set by the turn-off timer. After that the timer reverts to the previous mode.
- If the humidity level significantly increases the fan automatically activates MAXIMAL mode (by default) or QUIET mode. Once the humidity has reduced the fan reverts to the previous mode.

**C**



## Automatic Humidity Control, Built-in Timers, Operation by External Momentary Switches (EG: DOOR OPEN SENSOR)

- The contacts L and N are connected to the live and neutral wires and the contact LT is connected to live through an external momentary switch (eg a door open sensor)
- The fan is in 24 HOURS mode by default to provide minimum round-the-clock ventilation.
- After short-term activation of the momentary switch the fan operates in QUIET mode and operates in this mode for the time set by the turn-off timer. After that the timer reverts to the previous mode.
- If the humidity level significantly increases the fan automatically activates MAXIMAL mode (by default) or QUIET mode. Once the humidity has reduced the fan reverts to the previous mode.

# Pre-Installation Checklist

- ☐ Check that the device fits in the area selected.
- ☐ Check there are no obstructions in the wet room where the fan is to be fitted and where the ducting is to be installed.
- ☐ Check for open-flued combustion appliances — refer to The Building Regulations: 2010: 'Approved Document J: Combustion appliances and fuel storage systems' and The Building Regulations: 2010: 'Approved Document F: Ventilation: Volume 1 – Dwellings' for guidance.
- ☐ Check if the presence of asbestos is possible: refer to the HSE publication 'Managing and working with asbestos – Control of Asbestos Regulations 2012' for guidance.
- ☐ Ensure power has been isolated before carrying out any work.

## Installation

These instructions assume that a qualified person has:

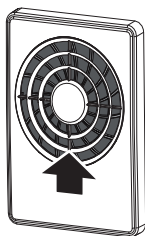
- Identified the ventilation needs of the property.
- Prepared a suitable size core drill hole or one already exists.
- Has installed or plans to re-use either flexible or rigid ducting of the correct diameter.
- Has sited wiring using a suitable method and in a suitable location.
- Depending on the installation, an exterior grille is installed.

The Dryzone® Continuous Running dMEV Fan is designed for wall mounting inside a round Ø 100 or 125 mm hole. Use a piece of either flexible or rigid ducting, with the correct diameter, to facilitate mounting.

To prevent noise and backdraughts from the outside, the fan is supplied with a removable backdraught shutter. Install the correct size backdraught shutter onto the spigot. Line up the hole with the latches and gently push together. If needed, reverse the process to remove the backdraught shutter. Insert the spigot into the ducting.

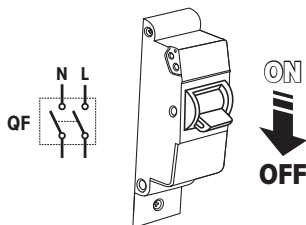
## FAN UNIT

1



If the fan is being vertically mounted (portrait), the impeller should be at the top to protect against water and condensation collecting inside the fan.

2

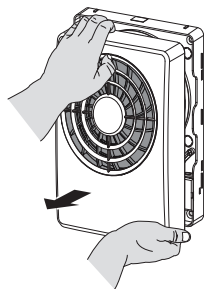


Ensure that the electricity has been turned off at the consumer unit.

# Installation

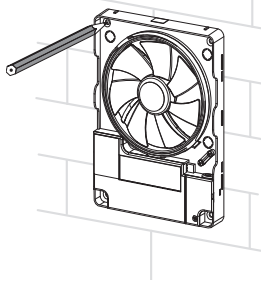
## FAN UNIT (CONTINUED)

3



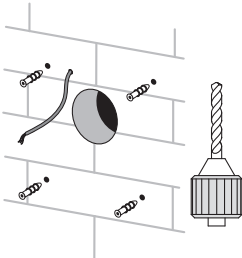
Remove the front panel of the fan.

4



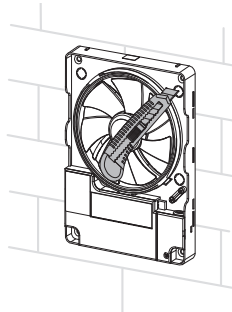
Mark the holes for fixing the fan and the power cable.

5



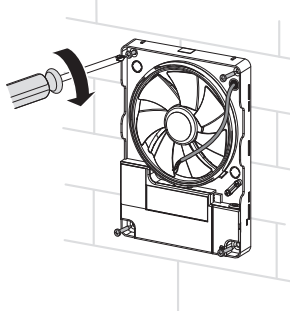
Lead the power cable to the marked hole, drill the mounting holes and install the wall plugs.

6



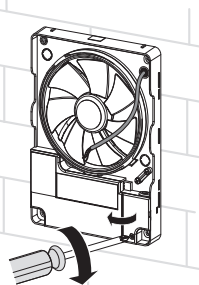
Use a utility knife to cut a hole at the relevant cable entry.

7



Fix the fan with the screws, ensure the spigot is correctly aligned at the back of the fan.

8

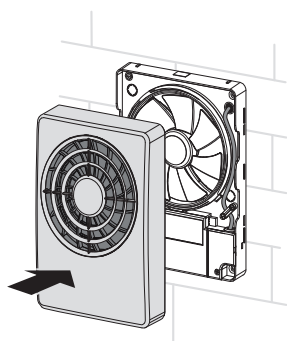


Remove the cover to access the terminal block and connect the fan to the mains power according to the wiring diagram.

# Installation

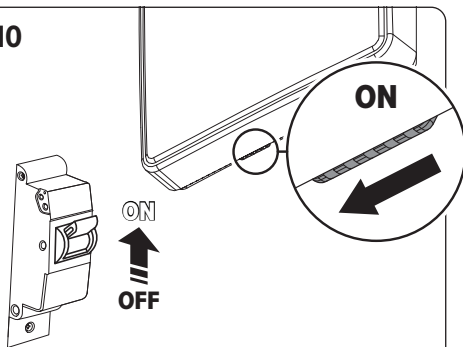
## FAN UNIT (CONTINUED)

9



Assemble the fan in the reverse order.

10



Supply power to the fan.

# Performance

		MAX CAPACITY (m <sup>3</sup> /h)	MAX CAPACITY (l/s)	DEFAULT AIR CAPACITY (m <sup>3</sup> /h)	DEFAULT AIR CAPACITY (l/s)	AIR CAPACITY RANGE (m <sup>3</sup> /h)	AIR CAPACITY RANGE (l/s)	NOISE LEVEL AT 3 METRES (dBA)
100 mm	24 HOURS	33	9.2	33	9.2	N/A	N/A	17
	QUIET	72	20	72	20	33 – 72	9.2 – 20	22
	MAXIMAL	106	29.1	82	22.8	72 – 106	20 – 29.1	31
125 mm	24 HOURS	40	11.1	40	11.1	N/A	N/A	17
	QUIET	83	23.1	83	23.1	40 – 83	11.1 – 23.1	21
	MAXIMAL	133	36.9	97	26.9	83 – 133	23.1 – 36.9	32

# Operating Instructions

## FAN OPERATION MODES

**ON/OFF** – the fan is inoperative, and does not respond to any external factors such as humidity change, or the operation of an external switch (eg: light switch or pullcord). *This function is controllable only from the remote controller.*

**SLEEP (STANDBY)** – the fan is in standby and does not operate. Operation is triggered by the integral humidity sensor or the remote controller. The INTERVAL VENTILATION function (on the next page) remains active. *This function is controllable only from the remote controller.*

# Operating Instructions

## FAN OPERATION MODES *(CONTINUED)*

**24 HOURS (CONTINUOUS)** – the fan runs continuously at low speed to provide minimum, background ventilation. When the fan detects a rise in the humidity in the room, **MAXIMAL** mode is triggered by default (this can be adjusted to **QUIET** mode if required). If the fan is triggered by an external switch (eg: a light switch or pullcord switch) the fan will operate in **QUIET** mode for a pre-set period.

**QUIET** – the fan operates at an energy efficient, optimal speed to provide a low level of ventilation that is faster than **24 HOURS (CONTINUOUS)** with very low operating noise. This mode is triggered by an external switch (eg: a light switch or pullcord switch) or by a significant increase in the humidity level.

**MAXIMAL** – the fan operates at a high capacity to provide maximum ventilation. This mode is triggered by a significant increase in the humidity level detected by the integral humidity sensor.

**INTERVAL VENTILATION** – after 15 hours in **SLEEP (STANDBY)** mode, the fan automatically activates to ventilate the room at a rate of 83/72 m<sup>3</sup>/h (125 mm/100 mm) for 2 hours. If the integral humidity sensor, or an external switch, are activated while in this mode, the fan will switch to an appropriate mode.

*To reset to the default factory settings or adjust the fan to suit your project, please follow the instructions below.*




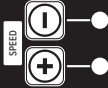


## DEFAULT FACTORY SETTINGS

SLEEP (STANDBY) Mode air capacity	0 m <sup>3</sup> /h	0 l/s
24 HOURS (CONTINUOUS) Mode air capacity – 100 mm	33 m <sup>3</sup> /h	9.2 l/s
24 HOURS (CONTINUOUS) Mode air capacity – 125 mm	40 m <sup>3</sup> /h	11.1 l/s
MAXIMAL Mode air capacity – 100 mm	72 m <sup>3</sup> /h	20 l/s
MAXIMAL Mode air capacity – 125 mm	83 m <sup>3</sup> /h	23.1 l/s
Humidity Extraction Mode	MAXIMAL	
Turn-On delay timer settings, min	0	
Turn-Off delay timer settings, min	5	
Humidity timer settings, min	30	
24 HOURS (CONTINUOUS) Mode	ON	

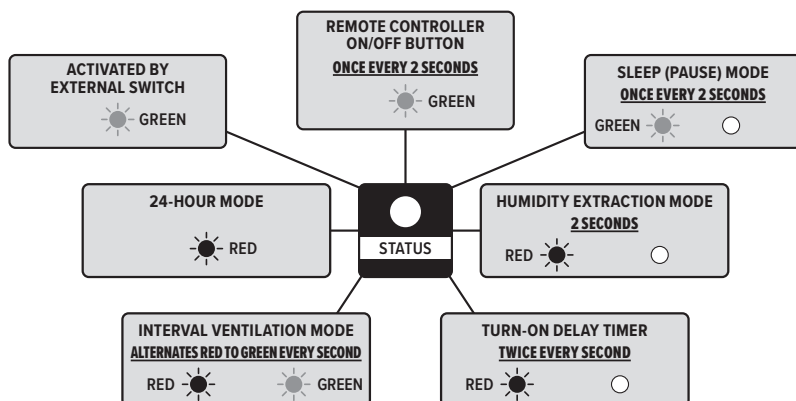
*The fan is adjusted at the factory and is ready for operation. It is a fully serviceable product that does not require modification.*

# Operating Instructions

## FAN MODE CONTROL PANEL

	<b>Mode button</b>
	<b>Turning 24 HOURS mode on/off</b>
	<b>Adjustment of the turn-on delay timer</b>
	<b>Speed adjustment for QUIET and MAXIMAL modes</b>
	<b>Adjustment of the turn-on/turn-off delay timer</b>
	<b>Adjustment of the humidity extraction mode</b>


## FAN MODE INDICATION




# Operating Instructions

## 24 HOURS (CONTINUOUS) MODE

In this mode the fan runs continuously at low speed to provide minimum background ventilation or until the humidity sensor, or an external switch, is operated.

**24 HOURS (CONTINUOUS) Speed Adjustment:** press the "24 HOURS" button on the control panel or the  button on the remote controller to activate this function.

The red LED under this button on the control panel confirms that this mode is activated. The green LED illuminates once every second in green if this mode is disabled.

Press the button "24 HOURS" or the  button on the remote controller once again to deactivate "24 HOURS" mode.

**PLEASE NOTE:** this function is not available for Wiring Diagram A (page 9).

## QUIET MODE

By default, this fan operates at 72/83 m<sup>3</sup>/h (20/23.1 l/s) (Ø100/Ø125). To display the current speed setting press the "+" or "-" button once.

**QUIET MODE Speed Adjustment** – on the control panel: press the "+" button to increase or the "-" button to decrease the fan speed in increments as below:

<b>100 mm</b> [m <sup>3</sup> /h]	33	37	41	45	49	53	57	61	66	72
<b>100 mm</b> [l/s]	9.2	10.3	11.4	12.5	13.6	14.7	15.8	16.9	18.3	20
<b>125 mm</b> [m <sup>3</sup> /h]	40	44	48	52	57	62	67	72	77	83
<b>120 mm</b> [l/s]	11.1	12.2	13.3	14.4	15.8	17.2	18.6	20	21.4	23.1

## MAXIMAL MODE

By default, this fan operates at 72/83 m<sup>3</sup>/h (20/23.1 l/s) (Ø100/Ø125). To display the current speed setting, press and hold the "MODE" button, then press the "+" button to increase or the "-" button to decrease the fan speed.

**MAXIMAL MODE Speed Adjustment** – on the control panel: press and hold the "MODE" button then press the "+" button to increase or the "-" button to decrease the fan speed in increments as below:

<b>100 mm</b> [m <sup>3</sup> /h]	72	75	79	82	86	90	94	98	102	106
<b>100 mm</b> [l/s]	20	20.8	21.9	22.8	23.9	25	26.1	27.2	28.3	29.4
<b>125 mm</b> [m <sup>3</sup> /h]	83	87	92	97	103	109	115	121	127	133
<b>120 mm</b> [l/s]	23.0	24.2	25.6	26.9	28.6	30.3	31.9	33.6	35.3	36.9

# Operating Instructions

## HUMIDITY EXTRACTION MODE

If the humidity level is detected as significantly increasing in a short period of time ( $>10\%$  within 30 seconds), such as by use of the shower or cooking, the fan speed automatically increases to either the pre-set faster, but very low noise Quiet Mode, or much faster, low noise Maximal Mode.

However, the fan speed will not increase for lower increases in humidity ( $>10\%$  within 1 hour).

Once the level of humidity in the room has stabilised ( $\leq 3\%$  within 5 minutes), the humidity run-on timer is activated and the fan continues to operate at a higher speed within the time period set and then reverts to the previous Operation Mode.

To display the current mode, press the "HUMIDITY MODE" button once.

**HUMIDITY EXTRACTION Mode Adjustment** – on the control panel: press the "HUMIDITY MODE" button to select either:

**Maximal Mode** – high speed humidity-response mode to provide a high level of air extraction. This mode is recommended for bathrooms with a floor area that is larger than  $6\text{ m}^2$ .

**Quiet Mode** – medium speed humidity-response mode to provide an efficient level of air extraction whilst operating virtually silently. This mode is recommended for bathrooms with a floor area that is smaller than  $6\text{ m}^2$ .

## HUMIDITY RUN-ON TIMER

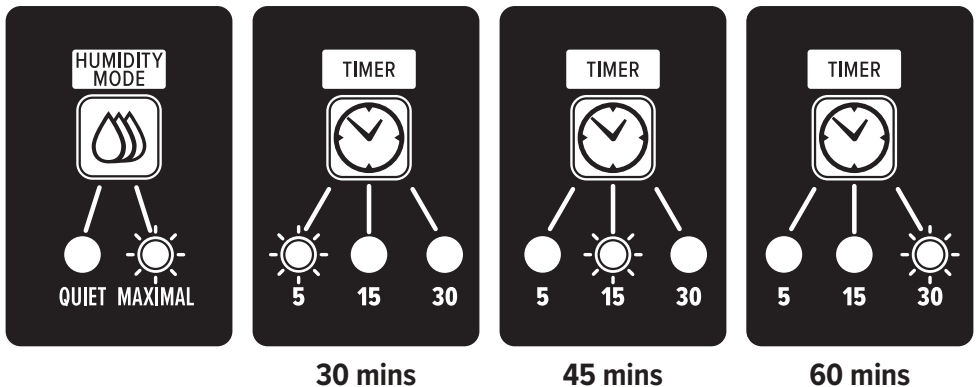
After the humidity has stabilised ( $\leq 3\%$  within 5 minutes), the fan continues operating in either MAXIMAL or QUIET mode on a pre-set Humidity Run-On timer. The Humidity Run-On timer is adjustable to run for 30, 45 or 60 minutes. The default setting of the Humidity Run-On timer is 30 minutes.

If the humidity level is detected as significantly decreasing in a short period of time ( $\geq 20\%$  within 10 minutes), the Humidity Run-On timer automatically runs for 15 minutes.

To display the current Humidity Run-On timer settings, press and hold the "MODE" button and then press the "TIMER" button once.

**HUMIDITY RUN-ON TIMER Adjustment:** on the control panel: press and hold the "MODE" button, then press the "TIMER" button.

**PLEASE NOTE:** the Humidity Run-On Timer cannot be adjusted using the Remote Controller.





# Operating Instructions

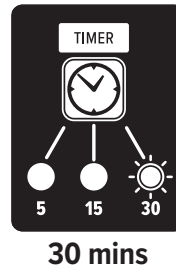
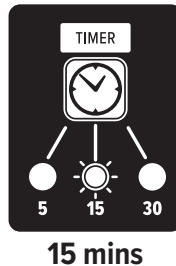
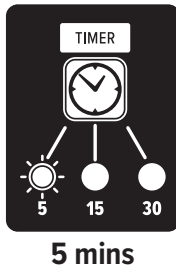
## TURN-OFF DELAY TIMER

After activation by an external switch (eg: a light switch or pull cord), the fan operates in QUIET mode for a pre-set period of time and then reverts to the previous Mode.

To display the current turn-off delay timer settings, press the "TIMER" button on the control panel once.

**TURN-OFF DELAY Timer Adjustment:** on the control panel: press the "TIMER" button and adjust the turn-off delay time for 5, 15 or 30 minutes.

*PLEASE NOTE: the Remote Controller can also be used to adjust the turn-off delay timer.*



## TURN-ON DELAY TIMER

If the room in which the Dryzone Continuous Running dMEV Fan is installed is used frequently or for short periods of time, this may lead to unnecessary or nuisance operation of the fan.

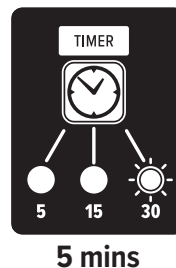
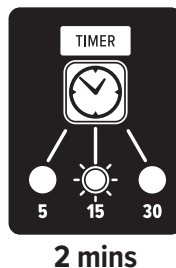
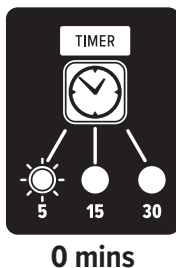
After activation by an external switch (eg: a light switch or pull cord), the fan speed automatically increases to the pre-set faster, but very low noise Quiet Mode.

If the fan detects a significant rise in the humidity in the room in a short period of time (>10% within 30 seconds), such as by use of the shower or cooking, the fan speed automatically increases to the pre-set Quiet / Maximal Modes. However, these Mode changes can be delayed by adjustment of the turn-on delay timer, which can be set to delay triggering a Mode change by a pre-set timer (0, 2 or 5 min).

To display the current turn-on delay timer settings, press and hold the "SWITCH DELAY" button and then press the "TIMER" button on the control panel once.

**TURN-ON DELAY Timer Adjustment:** on the control panel: press and hold the "SWITCH DELAY" button and synchronously press the "TIMER" button.

*PLEASE NOTE: the Remote Controller can also be used to adjust the turn-on delay timer.*



# Operating Instructions

## REMOTE CONTROLLER

The included remote controller can be used to both operate the fan and to adjust some of the settings remotely, which can be easier and more convenient than doing so using the buttons on the fan.

**To Turn the Fan On/Off:** press the red button. The fan is inoperative, and does not respond to any external factors such as humidity change, or the operation of an external switch. The interval ventilation function (See 'Fan Operation Modes' on page 13) remains active. This function is controllable only from the remote controller.

**Quiet Mode Speed Adjustment:** press the "QUIET" button then press the Up or Down arrows to adjust the speed. The fan will then return to the previous mode after two seconds.

**Maximal Mode Speed Adjustment:** press the "MAXIMAL" button then press the Up or Down arrows to adjust the speed. The fan will then return to the previous mode after two seconds.

**Humidity Mode Speed Adjustment:** press the "QUIET" button and the "MAXIMAL" buttons at the same time. The press either the "QUIET" button or the "MAXIMAL" button to set the desired speed. The fan will then return to the previous mode after two seconds'

**Turn On Delay Timer Adjustment:** press the "0", "2" or "5" buttons. The fan will then return to the previous mode after two seconds.

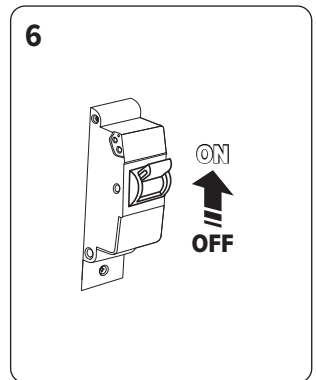
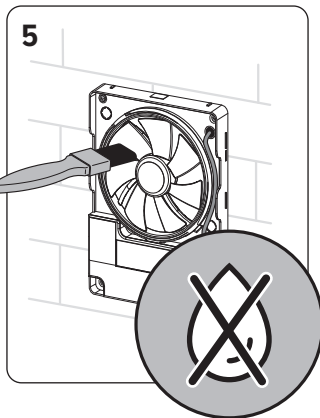
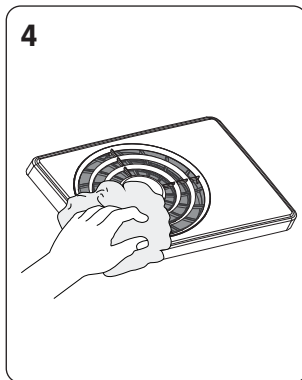
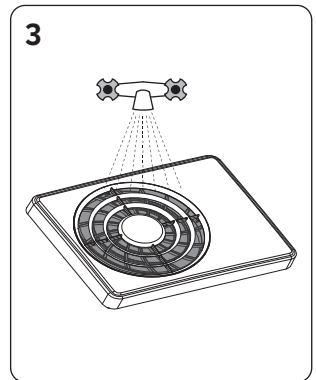
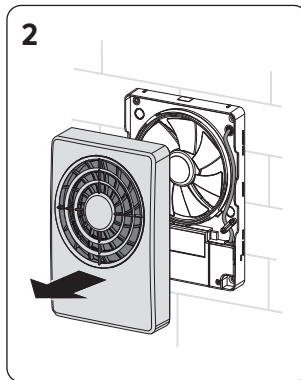
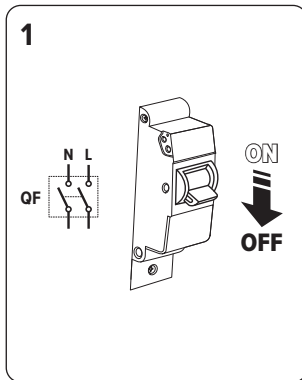
**Turn Off Delay Timer Adjustment:** press the "5", "15" or "30" buttons. The fan will then return to the previous mode after two seconds.

**To Pause the Fan:** press the "PAUSE" button to stop the fan for 45 minutes. After this time the fan reverts to the previous operation mode. Press the button "PAUSE" once again to cancel the pause mode and to reactivate the fan. This function is controllable only from the remote controller.

**PLEASE NOTE:** The "RUNNING MAN" and "°C UP/DOWN" buttons do not operate with this fan.

# Cleaning

- Prior to any servicing and maintenance, the power must be turned off.
- Maintenance means regularly cleaning dirt and dust from the fan. To ensure optimal performance of the fan, it is recommended that you clean it every 3 – 6 months.
- Remove the front cover of the fan. Rinse it under running water then wipe down with a cloth until fully dry and free of dust and/or dirt. Ensure that water does not come into contact with the internal workings of the fan.
- Carefully dust-off the impeller using a soft, dry brush. A vacuum cleaner could also be used, being careful not to damage the internal components of the fan.
- Replace the cleaned and dried front and turn the power back on. If the fan makes any unusual noises, please refer to the troubleshooting section.

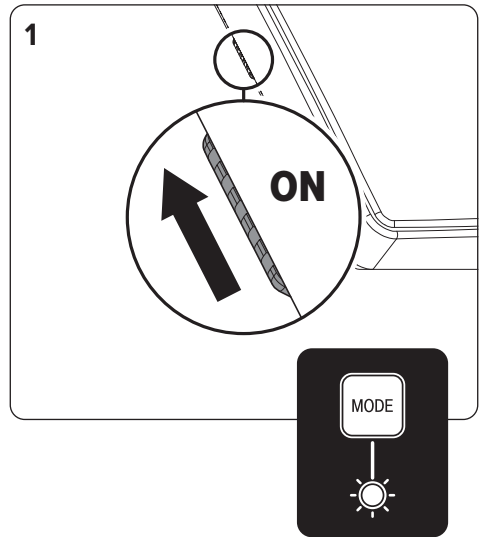
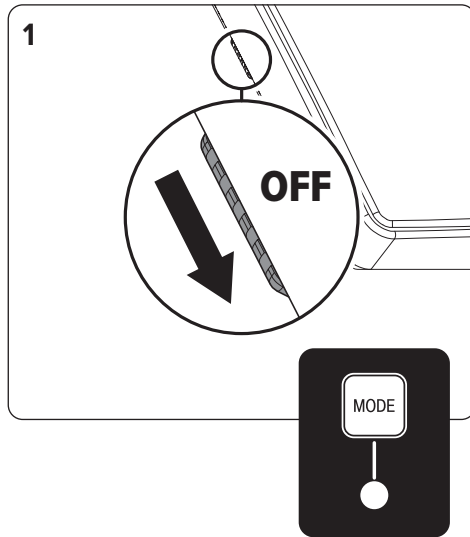


# Factory Reset

To reset the fan to the default factory settings, turn the fan off using the sliding power switch located on the bottom of the fan.

Turn the fan on again using the sliding power switch located on the bottom of the fan, while simultaneously pressing and holding the "MODE" button.

After the fan has been turned on, continue holding the "MODE" button for 5 seconds, until the "MODE" light indicator stops blinking green.



## Storage Safety

- Transport the product in the manufacturer's original package.
- Transportation is allowed by any transportation vehicle provided that the product is protected against weather.
- Store the delivered product in its original packaging in a dry ventilated room at a temperature between 5 °C and 40 °C and at a relative humidity of less than 80%.
- The storage environment must be free of dust, acid or alkali vapours to prevent corrosion.

## Warranty

We appreciate you choosing this quality Dryzone® product, which has been designed and manufactured to the highest specification. We are confident that you will be delighted with the performance of this product and the resulting air quality improvement in your home after the installation of the device.

This device is covered by a full 5-year warranty.

The warranty covers any defect or breakdown that arises due to faulty materials or construction. Please note that a receipt will be required as proof of purchase. This device can only be used with official Dryzone® parts, supplied by Safeguard Europe Ltd. Repairs with parts from any other source voids this warranty.

The warranty does not cover any labour.

**Please make a note of your unit serial number:**

For warranty conditions and exclusions, visit: [www.safeguardeurope.com/warranty](http://www.safeguardeurope.com/warranty)

# Troubleshooting

Please troubleshoot, using the table below, before contacting Customer Support:

MALFUNCTION	PROBABLE REASONS	REMEDY
Fan does not power on	The power is not connected properly	Ensure the connection is fixed
	Internal connection failure	Contact Safeguard Europe Customer Service team
Low airflow	Clogged ventilation system	Clean the fan and ducting
Increased noise/vibration	Clogged impeller	Clean the impeller
	The fan is not secured/mounted properly	Fix the installation error
	Clogged ventilation system	Clean the fan and ducting

# Specifications

Voltage [V]	100 – 240
Frequency [Hz]	50 – 60
Maximum Power [W]	3.8
Current [A]	0.03
Maximum Speed [rpm/min]	2200
Maximum Air Capacity [m <sup>3</sup> /h]/[l/s]	133/36.9
Ingress Protection Rating	IP44
Weight [kg]	0.35
Operating Noise [db(A)]	17 – 32 at 3 metres





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