

Time Delay Module

Resistor**

****DO NOT USE ANY OTHER RESISTOR**

Introduction

The Time Delay Module allows the Fan to run for a set period after the light switch has been turned OFF.

When the switch is turned ON, the Fan or both the Light and Fan turn ON. When the switch is turned OFF, the light will turn OFF immediately however, the fan will keep running for the set delay period.

The Time Delay is adjustable between 1min - 30mins.

The default setting is for 10 mins, in accordance with the NCC requirements.



Specification

- 230-240 V a.c. 50 Hz
- 65 W max.
- 1-30 minutes
- Product Dimensions:
45 mm (L) x 22 mm (W) x 17 mm (H)
- Wire Length: 200 mm
- Stand by Power: 1 W
- Ambient temperature: 0°C to 40°C

Product Contents

- 1 x Time Delay Module
- 1 x Resistor**

Required Items

- 1 x Closed-end Connector (Not included)
For example - HPM CAT. NO. 401

(To be used ONLY with these Bathroom Heaters - BH2DLAWE, BH2DLTRAWE, BH4DLAWE & BH4DLTRAWE)

Product Notes

1. This product must be installed by a licensed electrician and used as per these instructions.
2. This product has been designed to operate on a nominal supply voltage of 230- 240 V a.c. 50 Hz.
3. Electrical installations periodically receive transient over-voltages. This product has been designed to minimise the effect of such voltages on the connected equipment. It may not give full protection for extreme transient over-voltages such as those resulting from a close lightning strike.
4. This product utilises intellectual property in the form of registered designs, trademarks, and/or patents. Such intellectual property remains the property of Legrand in all cases.
5. Legrand reserves the right to modify the specification of this product at any time.

Compatibility

This product is compatible with Exhaust Fans and Bathroom Heaters incorporating an AC motor < 65W. Refer to the table below.

When multiple light switches are used to control a single fan (e.g. Inline Fan), double-pole switches (769PM or EM770DP) must be used otherwise all the lights will turn ON when one switch is turned ON.

Non-Compatible

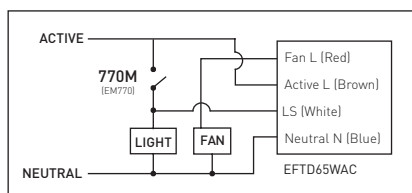
- Non-Ducted Bathroom Heater
Eg: **BH2NDWE, BH2NDMS, BH4NDWE, BH4NDMS**
- R622xx Range
Eg: **R622D1, R622D2, BHD6224LWE**

Installation Note

The maximum length of the control wire to remote switches must be limited to 50m.

Wiring and Operation

Figure 1: Fan delay timer with a single light (single room)



Compatible with NON-DUCTED & DUCTED EXHAUST FAN

Few examples from the Range

Ducted/Non-ducted Exhaust Fans with light or without light



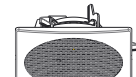
EF100RDWE
Round 100mm Wall Fan



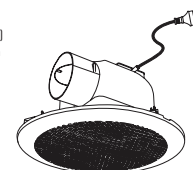
EF100SQSWE/EF100SQSWEKIT,
EFT100SQSWE (Timer Integrated)
Slimline Square 100mm Wall Fan



EF200RD and EF250RD

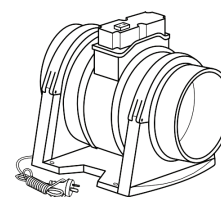


EF200SQ and EF250SQ



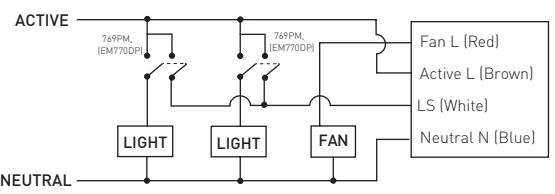
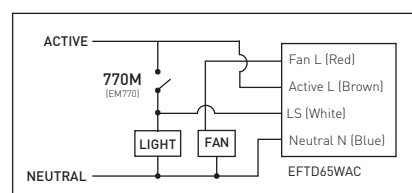
EFD01RDWE

Inline Fans



EFIL100SQWE, EFIL150SQWE

Figure 2: Fan delay timer with multiple lights (2 or more rooms)



1

2

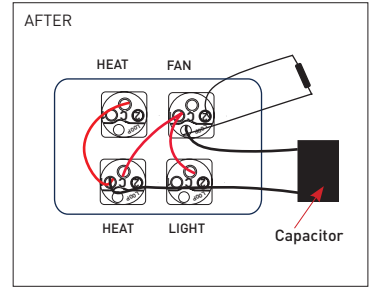
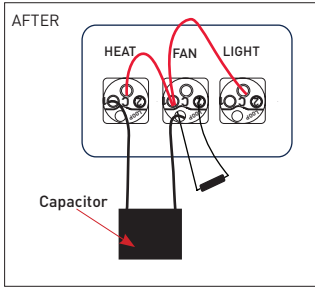
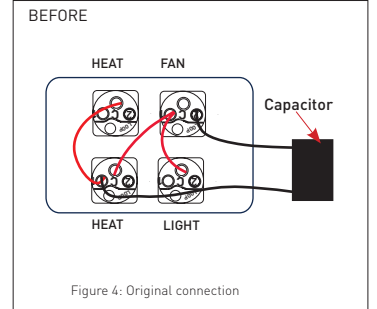
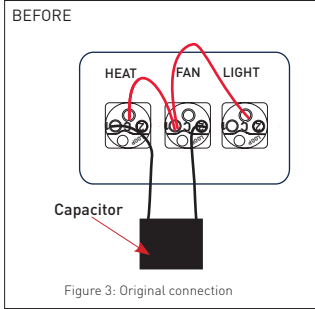
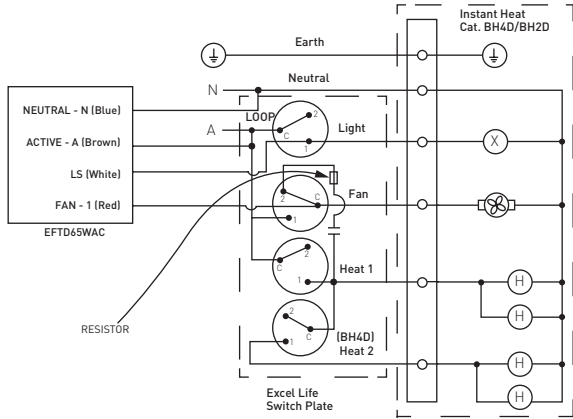
DUCTED BATHROOM HEATERS

WIRING THE TIME DELAY WITH THE WALL PLATE

WIRING THE RESISTOR

3 WALL SWITCH WITH SPEED CONTROL CAPACITOR

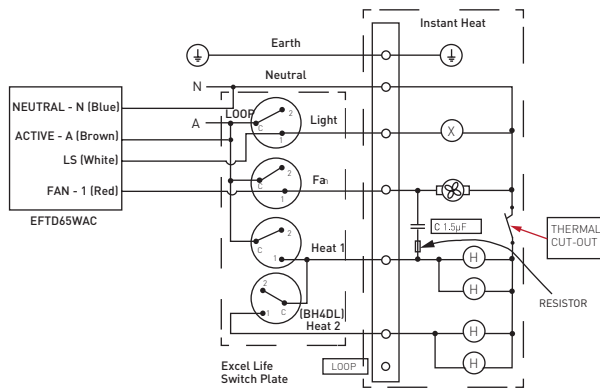
CAT. NO: BH2DWE, BH4DWE



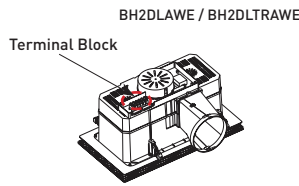
- Step 1:** Move the capacitor wire from **Terminal '2'** of the fan switch to terminal **'LOOP'** of the same switch.
Step 2: Connect the resistor between terminal **'LOOP'** and **Terminal '2'** of the fan switch.

4 TERMINAL BLOCK WITH SPEED CONTROL CAPACITOR

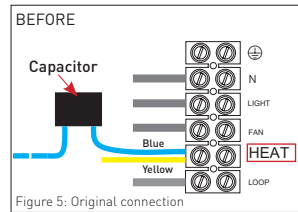
CAT. NO: BH2DLAWE/BH2DLTRAWE, BH4DLAWE/BH4DLTRAWE



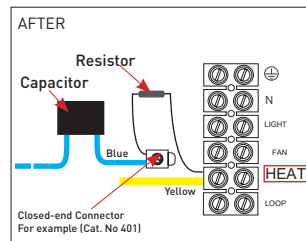
- Step 1:** Open the top cover and locate the Terminal block.



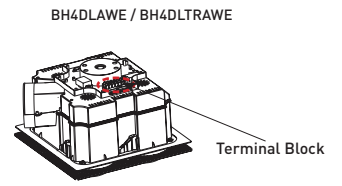
- Step 2:** Locate the **'HEAT'** terminal with **BLUE + YELLOW** wires in (Fig.5).



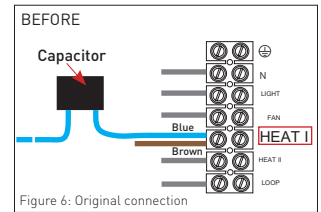
- Step 3:**
- Remove the Blue wire from the terminal.
 - Connect one leg of the resistor to the **'HEAT'** terminal.
 - Connect the other leg of the resistor to the stripped **Blue** wire with a proper Closed-end Connector.



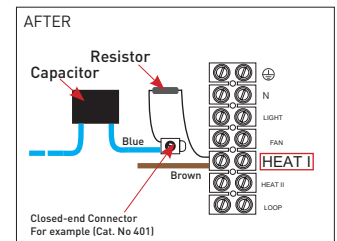
- Step 1:** Open the top covers and locate the Terminal block.



- Step 2:** Locate the **'HEAT I'** terminal with **BLUE + BROWN** wires in (Fig.6)



- Step 3:**
- Remove the Blue wire from the terminal.
 - Connect one leg of the resistor to the **'HEAT I'** terminal.
 - Connect the other leg of the resistor to the stripped **Blue** wire with a proper Closed-end Connector.



Warranty

Legrand warrants this product for a period of 12 months from the date of purchase. These goods come with guarantees that cannot be excluded under the Australian and New Zealand Consumer Laws. You are entitled to a replacement or a refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired if the goods fail to be acceptable quality and the failure does not amount to a major failure.

See the warranty card for further details which is available on the website.

Customer Service

For all customer service and technical support enquiries please call Monday to Friday during business hours.

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