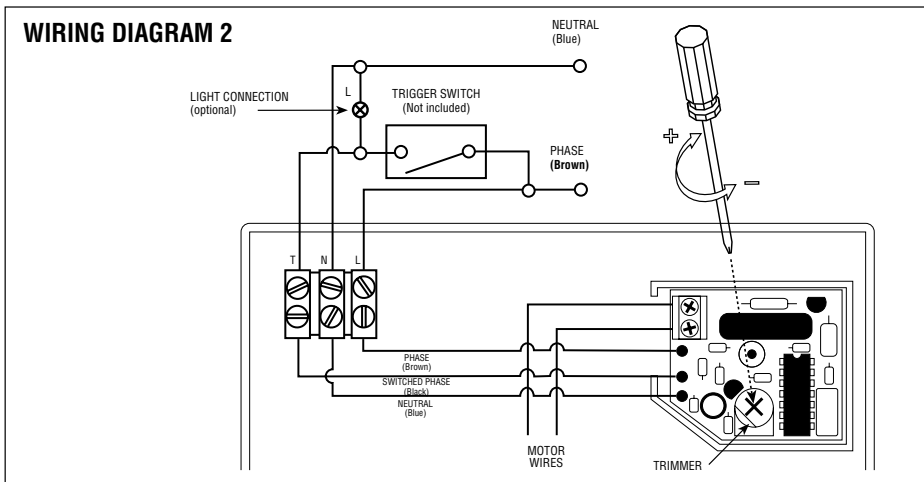


FITTING AND WIRING PDL 6322 TIMER ACCESSORY (Not included)

1. Remove screw cover and front grille from fan motor housing.
2. Remove 2 motor wires from terminal block and re-connect to electronic board as shown in Wiring Diagram 2.
3. Connect the remaining electronic board and mains supply wires to terminal block and trigger switch as shown in Wiring Diagram 2. Ensure mains supply cable is fixed with the cable fastener.
4. Position electronic board into fan motor housing.
5. The timer can be pre-set from 3 to 20 minutes by adjusting the trimmer (**only adjust with all supply circuits switched off**).
6. Screw on electronic board cover and replace front grille and screw cover.

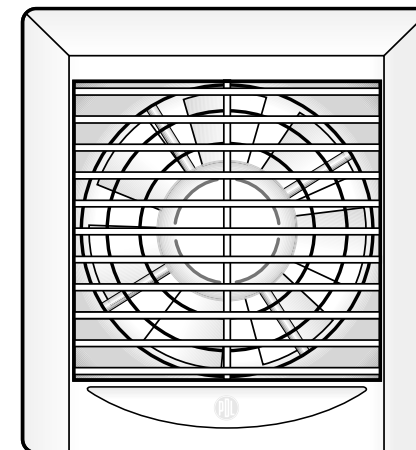
NOTE: The fan will automatically start up 20 seconds after light or trigger switch is on and will continue to operate for the time pre-set after the light or trigger switch is turned off. (Max. load of timer is 150W).



WALL/CEILING EXHAUST FANS

Models 6402, 6502, 6602

OPERATING INSTRUCTIONS



PDL EXHAUST FAN RANGE

IN-LINE EXHAUST FANS

- 6401 4" IN-LINE EXHAUST FAN
- 6501 5" IN-LINE EXHAUST FAN
- 6601 6" IN-LINE EXHAUST FAN

WALL/CEILING EXHAUST FANS

- 6402 4" WALL/CEILING EXHAUST FAN
- 6502 5" WALL/CEILING EXHAUST FAN
- 6602 6" WALL/CEILING EXHAUST FAN

ACCESSORIES (not included)

- 6412 4" THROUGH WALL KIT
– Includes: Square grille surround, Angled fixed grille, Gravity Louvres, Aluminium Ducting (115mm compacted, 320mm extended).
- 6512 5" THROUGH WALL KIT
– Includes: Square grille surround, Angled fixed grille, Gravity Louvres, Aluminium Ducting (115mm compacted, 320mm extended).
- 6612 6" THROUGH WALL KIT
– Includes: Square grille surround, Angled fixed grille, Gravity Louvres, Aluminium Ducting (115mm compacted, 320mm extended).

- 6312 ELECTRONIC TIMER (FOR IN-LINE EXHAUST FANS ONLY)
– Adjustable time : 3 to 20 minutes, Max Load : 150W
- 6322 ELECTRONIC TIMER (FOR WALL/CEILING EXHAUST FANS ONLY)
– Adjustable time : 3 to 20 minutes, Max Load : 150W

SPARES

- GRILLES
 - 6401G 4" IN-LINE ROUND GRILLE
 - 6501G 5" IN-LINE ROUND GRILLE
 - 6601G 6" IN-LINE ROUND GRILLE
- DUCTING
 - 6401D 4" IN-LINE DUCTING 3m
 - 6501D 5" IN-LINE DUCTING 4m
 - 6601D 6" IN-LINE DUCTING 6m
- MOTORS
 - 6401M 4" IN-LINE MOTOR
 - 6501M 5" IN-LINE MOTOR
 - 6601M 6" IN-LINE MOTOR

GENERAL INFORMATION

- Precautions must be taken to avoid the back-flow of gases into the room from the open flue of gas or other open-fire appliances.
- This fan should not be used for the extraction of combustible gases or vapour.
- **WARNING:** Before obtaining access to terminals, **all** supply circuits must be disconnected.
- The appliance is not intended for use by young or infirm persons without supervision.
- Young children should be supervised to ensure that they do not play with the appliance.
- Ensure that a suitable disconnection switch is installed in the fixed wiring, in accordance with the local wiring rules and regulations.
- **Do not install within 120cm of a stove.**

SPECIFICATIONS

	MODEL		
	6402	6502	6602
Ducting Diameter(mm/inches)	100/4"	120/5"	150/6"
Duty At Free Discharge (m ³ /h)	85	130	230
Nominal Air Flow Pressure (mmH ₂ O)	0.65	0.30	0.80
Voltage	230-240 Volts	230-240 Volts	230-240 Volts
Frequency	50Hz	50Hz	50Hz
Wattage	11	15	29
Sound Pressure Level At 1.5m db (A)	44	46	50
Insulation Class	II	II	II
Protection	IPX2	IPX2	IPX2
Max Running Temperature	40°C	40°C	40°C

INSTALLATION INSTRUCTIONS

INSTALLATION (NB: the fan motor unit must only be mounted indoors)

IMPORTANT: This fan unit must be installed according to the latest Local Electrical Code of Practice.

1. Remove all parts from the packaging.
2. Locate an internal area (indoor wall or ceiling) to place the unit ensuring that the area is free from obstruction and is between two studs or joists. NB: Do not mount fan unit directly over a shower cubicle.
3. Dismantle the unit as shown in Figure 1.
4. Place motor housing 'C' on location chosen and draw an outline around the outlet (or aluminium ducting if Through Wall kit to be fitted ie: extra 5mm to radius of circle).
Alternatively, use this card as a template for marking appropriate hole size.

Approx. dimensions are:

Model	Cut hole diameter
6402	110mm
6502	130mm
6602	160mm

5. Cut out the outline using a suitable tool.
6. Fix motor housing 'C' to the chosen location using the screws and wall plugs provided or by other suitable means.

WIRING

Note: All wiring must be securely fixed and the supply cable must be a minimum of 1mm² in section and maximum cable outside diameter is to be 7mm. All wiring must comply with the current regulations.

IMPORTANT: Switch off mains supply before making any electrical connections.

SUPPLY CABLE ENTRY HOLE

- Option 1:
- A. Cut a cable entry on the motor housing 'C' and front grille 'B' with a pair of long nose pliers as shown in Figure 2 and insert cable seal 'D'.
 - B. Pass supply cable through the cable seal 'D' and fix the cable with the cable fastener as shown in Figure 3.
- Option 2:
- A. Punch out a knockout hole on motor housing and trim edges with a file.
 - B. Drill a hole in wall or ceiling in line with knockout hole and pass supply cable through.

STANDARD MODELS (Wiring Diagram 1)

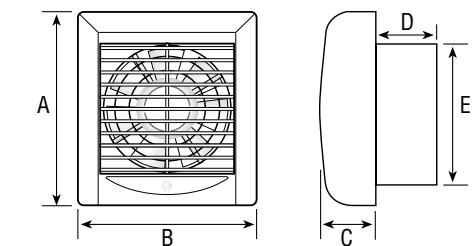
1. Ensure screw cover and front grille are removed from fan motor housing.
2. Connect the mains supply as shown in Wiring Diagram 1.
3. Fix the front grille 'B' on the fan motor housing 'C' with screw.
4. Fit screw cover 'A' on the front grille 'B'.

CENTRE POINT

TEMPLATE

110mm 130mm 160mm (DIA. HOLES)

6402 6502 6602



Dimensions (mm)

Cat No.	A	B	C	D	E
6402	164	154	42	46	98
6502	184	174	42	46	118
6602	230	200	52	63	148

