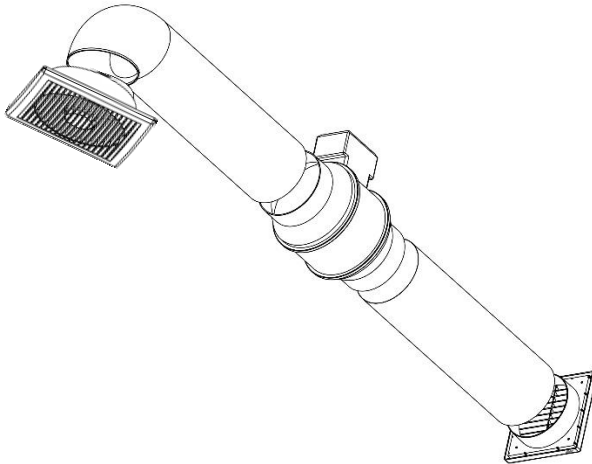


**ER08P 150MM EC EXTRACTOR SYSTEM
INSTALLATION GUIDE**

150MM EC EXTRACTOR SYSTEM
MODEL NUMBER: ER08P
INSTRUCTION RELEASE: VERSION 1.2

INSTALLING ER08P EC EXTRACTOR SYSTEM

SAFETY NOTE

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance. If the supply cord is damaged, the entire unit must be replaced by the manufacturer, to avoid a hazard. Precautions must be taken to avoid the back-flow of gases into the room from the open flue of gas or other fuel-burning appliances. Ensure that the fan is switched off from the supply mains before removing any parts.

BEFORE YOU START

The electrical components of this unit must not be mounted in areas subject to direct splashing. Refer to New Zealand standard NZECP2: 1988 Section 4.6 and Australian Standard AS3000:1991, Section 6.2.

Extractor fans mounted at high levels (ceiling installation) are required to be installed so that the blades are more than 2.3m above the floor.

This unit is NOT to be installed under insulating materials. Any existing insulation needs to be re-located so that it is 150mm away from the unit.

REQUIREMENTS

- As this system is fitted with a plug A (GPO) general purpose outlet needs to be fitted in the ceiling cavity by a suitably qualified person. THE ELECTRICAL INSTALLATION MUST COMPLY WITH ALL LOCAL ELECTRICAL REGULATIONS. A Certificate of Compliance is required for Warranty claims.
- This unit contains sensitive electronic components that will be damaged by incorrect electrical installation or testing with a mega or any other high output test equipment. This will **invalidate the warranty**. Also make sure the supply circuit is not controlled or connected to any sort of timer.

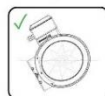
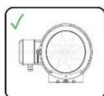
SUITABILITY

This unit has been designed for both cavity type ceilings and flat roof/in between floor installation. Note: a minimum clearance space of **400mm** is required for fan installation.

DUCTING

- It is a requirement to duct all air extractor fans to the outside of the building.
- This unit is designed specifically to meet this requirement.
- All ducting components that are required to duct your ER08P are included in this unit.

Do not install the fan upside down as this will damage the fan



PRODUCT INSTALLATION STEPS:

1. Position the fascia mounting back in the area you want your ER08P and using it as a guide draw the circle with a pencil to mark the size of the hole to be cut.
2. Use a saw to cut out the pencil drawn lines. Before you cut be sure to check above the unit for a minimum clearance space of **400mm**, and the location of the ceiling joists. The fascia mounting back must fit freely in the hole.
3. Slide the fascia body into place and secure into place using the screws provided. Press the fascia plate into the mounting back and click into place.
4. Mark out the outlet vent holes from inside the ceiling cavity by measuring from the top plates and then creating a start hole by pushing a small screw driver through the ceiling. All vent holes must be cut from inside the house not from inside the ceiling. Be careful not to mark the ceiling.
5. Position the outlet vent back in the area you want the outlet vent, and using it as a guide draw the circle with a pencil to mark the size of the hole to be cut.
6. Use a saw to cut out the pencil drawn lines.
7. Slide the outlet vent back into place and screw into place using the four screws provided and then clip the front fascia into position.
8. Connect the system plug into the Certified GPO in the ceiling cavity.

Note: System operation from this point is automated (unless wired to an override switch) and the fan unit will determine correct operational speeds based on moisture levels (humidity) in the room – the fan will operate at higher speeds when required, and will operate on trickle mode at a minimum.

TO COMPLETE THE INSTALLATION

In the ceiling cavity suspend the inline motor from the beams using cable tie, or rubber bungie cord. NEVER screw the motor directly to a beam. Lay ducting as straight and taut as possible. Attach the ducting to each connection point (inlet vent > fan, fan > outlet vent) using the included cable ties to secure the ducting at each point. Ensure that the arrows on the motor housing are pointing in the direction of the outlet vent.

FAN PLACEMENT

The fan needs to be placed as far away from the air flow entering the room as possible. As this will mean fresh air is drawn throughout the room. For best extraction the inline fan is best placed as close to the outlet as possible – recommended no closer than 1m to the inlet.

FAN EFFICIENCY

The main points affecting fan efficiency are:

- Good fan placement
- Good air flow into the room
- No long or wrinkled lengths of ducting

SYSTEM MAINTENANCE

Before attempting any maintenance, the fan system must be disconnected from the mains power supply, the product is fitted with a plug and lead for this purpose, remove the plug from the power outlet.

The only maintenance requirement for the system is wiping any dirt or dust out of the fan housing or from the fan blade and cleaning the fascia: to clean the fascia, simply wash it by hand with a damp cloth and warm soapy water. Do not use abrasives or solvent cleaners.

GENERAL REQUIREMENTS

- Check that there is adequate ventilation into the roof cavity; this is to enable the system to draw from the drier air outside of the home.
- High studs, badly insulated or cold homes will remain more difficult to keep dry than low ceiling – well insulated warm homes.
- The power supply cord of this equipment cannot be replaced. If it is damaged the entire unit should be replaced.
- 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.
- These systems are only designed for use with the outlets supplied in the kit.

SUITABILITY

- Weiss EC extraction has been designed to fit into your roof space/ceiling cavity.
- This unit is NOT designed to be installed outside of your home.
- This product must not be mounted in areas subject to direct splashing.
- Refer to New Zealand standard NZECP2: 1988 Section 4.6 and Australian Standard AS3000:1991, Section 6.2.

WARRANTY INFORMATION

- This system must be accessible for maintenance, including cleaning of any dust, dirt or debris that may enter the fan housing during the course of its operation.
- For warranty claims and registration, this unit must be registered online at: www.weiss.co.nz/warranty
- If this unit is a component of a larger kit, it is the kit information that should be registered online.
- Copies of purchase receipts, electrician information, and certificate of compliance are requirements for registering your product online.
- Full terms and conditions of warranty can also be accessed at this location.

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