

WARNING: READ AND SAVE THESE INSTRUCTIONS

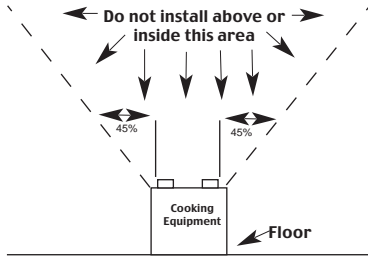
INSTALLATION INSTRUCTIONS FOR THE RANGE OF 12 VOLT/ 24 VOLT Extract-A-Lite Fan

The Extract-A-Lite is ideal for Marine and other Leisure applications. Designed for installation and use in Showers, Toilets and Galleys in boats or mobile homes. It should only be installed in Non Fire Rated Installations and used in one-and two-family dwellings only.

WARNING: Use this unit only in the manner intended by the manufacturer. If you have any questions, contact the manufacturer.

WARNING: The fan is not designed for installation above a cook top. Do not install fan above or inside a 45-degree angle projected outward from the cooking equipment element closest to the fan.

The fan is designed for wall panel, ceiling panel or under unit mounting. When mounted under a unit there must be a minimum of 0.5m to work top or any surface. It must at all times be vented to the out side using flexible or rigid



ducting, termination through a standard UFO or similar external weatherproof fitting.

CAUTION

For general ventilating use only. Do Not Use To Exhaust Hazardous Or Explosive Materials or Vapours.

1. Cut a suitable size hole for the Extract-A-Lite, minimum 98mm diameter plus allow for the flexible or rigid ducting that can vary in wall thickness.

WARNING: Always ensure the hole is cut between wall/ceiling panel supports and check the location of services to ensure there are non running behind the panel.

2. Make the electrical connections using the connection junction box supplied.

WARNING: always ensure the correct polarity is connected to the Fan. Red: Positive/Live. Black: Negative/Neutral. Failure to follow this instruction will result in non-function of the

motor. The Extract-A-Lite can be operated via a light switch or other suitable switching method provided it is compatible with 12 or 24v dc supply.

WARNING: To reduce the risk of electric shock always ensure the power supply is disconnected before completing the electrical connections.

3. Connect the fan to the outside using suitable flexible or rigid ducting and inserting the fan spigot into the ducting.

If using Flexible ducting make the connection using either: Metal Hose Clip, Nylon Hose Tie or Flame Retardant Duct Sealing Adhesive Tape.

If using Rigid ducting make the connection using Flame Retardant Duct Sealing Adhesive Tape.

WARNING: To reduce risk of fire and to properly exhaust air, be sure to duct air outside-DO NOT vent exhaust air into spaces within walls or ceilings or into attics, crawl spaces or garages, always ensure the ducting is secured.

4. Fix the Extract-A-Lite into position using the four screw holes provided and place the cover onto the chassis by locating it onto the three lugs and twisting anti-clockwise.

ELECTRICAL

BSL112. 12V EXTRACT-A-LITE, DC 12V 2.8 W, LAMP MAX 10W 12V DC G4 TYPE.

BSL124. 24V EXTRACT-A-LITE, DC 24V 2.8 W, LAMP MAX 10W 24V DC G4 TYPE.

WARNING: To reduce risk of fire or electric shock, do not use this fan with any solid-state speed control device

a) **WARNING:** Use this unit only in the manner intended by the manufacturer. If you have any questions, contact the manufacturer.

b) **WARNING:** Before servicing or cleaning unit, switch power off at service panel and lock the service disconnecting means to prevent the power from being switched on accidentally. When the service means cannot be lock, securely fasten a prominent warning device, such as a tag, to the service panel.

WARNING – FOR SAFE INSTALLATION AND TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS ALWAYS OBSERVE THE FOLLOWING.

- Installation work and electrical wiring must be done by qualified person(s) in accordance with all applicable codes and standards, including fire-rated construction.
- Sufficient air is needed for proper combustion and exhausting of gases through the flue (chimney) of fuel burning equipment to prevent back drafting. Follow the heating equipment manufacturers guideline and safety standards such as those published by the National Fire Protection Association (NFPA), and the American Society for Heating, Refrigeration and Air Conditioning Engineers (ASHRAE), and the local code authorities.
- When cutting or drilling into the wall or ceiling, do not damage existing electrical wiring and other hidden utilities.
- Ducted Fans must always be vented to the outside.
- If this unit is to be installed over a tub or shower, it must be marked as appropriate for the application and be connected to a GFCI (Ground Fault Circuit Interrupter) – protected branch circuit.
- Never place a switch where it can be reached from a tub or shower.

ADDITIONAL DATA

Maximum pressure	20 p.a.
Maximum fan speed	2400 r.p.m.
Maximum airflow	18 litres/sec.
Maximum operating temperature	40 degs C.
Sound Volume	43dB(A)

The Unit can be connected to a light switch or remote switch, do not connect the unit to function as a light only without the fan unit running.

WARNING: always ensure that the red and black wires are connected correctly because the polarity is important and failure to follow this instruction will result in non function of the fan unit.

