

## INSTRUCTIONS

The Arlec FLEX1 Fan Light is a smart Exhaust Fan and Oyster light.

The Fan Light is a DIY style device with installation requirements similar to that of a standard exhaust fan. The unit can be used as a direct replacement for an existing Exhaust Fan with no extra wiring required, or installed as a new installation.

The Fan Light incorporates digital circuitry to control operation of the fan and light separately whilst using only one switch. The digital circuitry incorporates a timer which will disable the fan after 8 minutes of stand alone operation.

## INSTALLATION

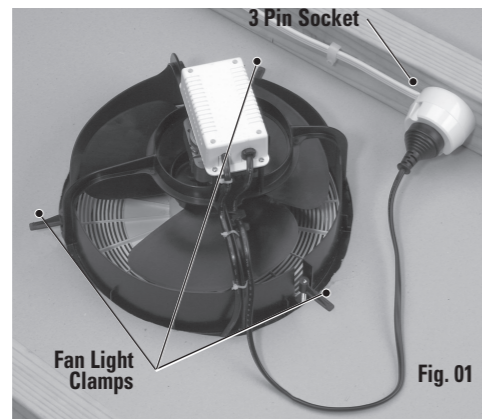
This unit can be installed using either of the following methods:

- Do-It-Yourself - Replace an existing 250mm ceiling fan with the Arlec Fan Light. First check that your existing fan is plugged into a 3 pin mains outlet located near installation inside your ceiling.
- Installation by a Licensed Electrician - Where no existing fan exists, installation of power supply must be carried out by a Licensed Electrician.

**NOTE: If replacing an existing Fan Light of a brand other than Arlec, the installation must be carried out by a Licensed electrician.**

## REPLACING AN EXISTING UNIT.

1. Carefully remove unit from packaging.
2. Isolate power and remove existing unit from the ceiling.
3. Ensure that an adequate, earthed 3 pin socket is installed in the ceiling close to the hole. (fig.01)



4. Remove the Lens and Outer grill from the Fan Light unit by inserting a tool in recess between Lens and Grill. Discard any packaging material.
5. Hold unit close to the hole and plug the power lead into the power socket located in the ceiling.
6. Position the Fan Light assembly into the hole and tighten the three screws (this will cause 3 clamps to swing into place) until unit is held securely (fig.01).

**NOTE: Do Not over tighten screws. Check clamps for secure clamping to ceiling.**

7. Check that electrical cord is held clear of the fan blades and the blades are free to rotate.
8. Replace grill by pressing it over the flange on the main unit, until it snaps into place (fig.02).



9. Install an ES style globe into lampholder, 60W MAX. For best results use a "Pearl" style globe.
  10. Replace lens by aligning clips on lens with recesses on grill. Press lens so that clips snap into place (fig.02).
- Your Arlec Fan Light is now ready to operate.

## INSTALLATION BY A LICENSED ELECTRICIAN

When installing an Arlec Fan Light in a new installation, where no existing switched, 3 pin earthed mains outlet exists, your electrician can either install only the switched mains outlet; leaving you to complete the installation yourself, or complete the entire installation for you.

**CAUTION. Where no existing mains outlet exists, installation must be carried out by a Licensed Electrician.**

## NOTES FOR ELECTRICIAN

The Arlec Fan Light should be installed in the same way as any other ceiling exhaust fan. This unit does not need separate switches or wiring to control the fan and light, so that only a single gang switch need be installed for control. The fan and light are controlled separately by smart electronics.

Unit can be hard wired if desired, by removing 3 pin plug and wiring mains cord to fixed wiring using a junction box.

## TO INSTALL

1. Carefully remove unit from packaging.
2. Remove side flap of the carton and cut out template. Insert a nail (or similar) through the "centre hole" of the template and position it at the centre of the desired location.
3. Insert a Pen or Pencil through the other template hole. Mark the circle and cut out the hole, ensuring that roof beams above ceiling do not restrict the installation before commencing cut of hole.
4. Ensure that an earthed 3 pin socket is installed in the ceiling close to the hole.
5. Remove the Lens and Outer grill from the unit by inserting a tool in recess between Lens and Grill. Discard any packaging material.
6. Hold unit close to the hole and plug the power lead into the power socket located in the ceiling.
7. Position the Fan Light assembly into the hole and tighten the three screws (this will cause 3 clamps to swing into place) until unit is held securely.

**NOTE: Do Not over tighten screws. Check clamps for secure clamping to ceiling.**

8. Check that electrical cord is held clear of the fan blades and the blades are free to rotate. Use a cable tie if necessary, to secure electrical cord.

9. Replace grill by pressing it over the flange on the main unit, until it snaps into place (fig. 02).

10. Install an ES style globe into lampholder, 60W MAX. For best results use a "Pearl" style globe.

**NOTE: Do Not use a globe of a higher wattage than 60WATT!**

11. Replace lens by aligning clips on lens with recesses on grill. Press lens so that clips snap into place (fig.02).

Installation is now complete.

## OPERATION

The Digital Control Circuitry contained in the Fan Light allows for three operating functions, which can be controlled by a single switch. These functions are:

**Mode 1 - Light Only.**

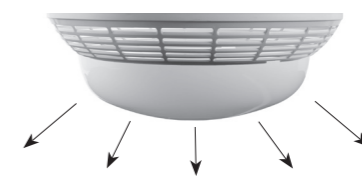
**Mode 2 - Light and Fan On.**

**Mode 3 - Fan Only (timed operation).**

These functions can be selected by "Toggling" the wall switch. "Toggling" refers to turning off momentarily, then back on again (refer fig.06).

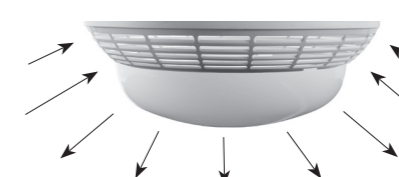
**Mode 1**

When the unit is first turned on, only the light will operate continuously.



**Mode 2**

If the unit is turned off and then toggled back on again, both the Light and Fan will operate continuously.



**Mode 3**

If the unit is again toggled off then on, only the Fan will operate.



When the unit is operated in the third "Fan Only" mode, the fan operates in timed operation, where the unit will automatically turn off after approx. 8 minutes. Once the unit has automatically turned off, it can be reset if desired, into the first "Light Only" mode of operation by once again toggling the wall switch.

## CLEANING INSTRUCTIONS.

1. The front grill must be removed and cleaned periodically, otherwise the build up of grease, dust and lint, etc will substantially reduce efficiency.
2. Remove Lens from grill by inserting a tool in recess provided and prising off.
3. Remove Grill from unit by pulling away from main body.
4. Wash Grill in warm soapy water, the use of a small brush will also assist.
5. If necessary wash lens in warm soapy water. Avoid using a brush or scourer as they may scratch the lens.

**NOTE: The Grill and Lens are Not suitable for cleaning in a dishwasher. Do Not use solvents such as Paint Thinners, Turpentine etc.**

6. Wipe the inner Grill and Lamp reflector with a damp cloth. A small, dry brush may assist to remove dust and lint from inner grill prior to wiping.
7. Replace Front Grill and lens by snapping into place.

## IMPORTANT

- All electrical wiring must be carried out by a Licensed Electrician.
- Before cutting hole in ceiling for unit, check from above that there are no ceiling joists, pipes or electrical wiring located directly above the mounting position.
- The Fan Light must be installed so that the blades are at least 2.1m from the floor.
- It is necessary to have minimum of at least 500mm clearance space above the Fan Light.
- Use only globes with a rating of 60 watt MAX.
- If ducting is used, it should be of a diameter larger than the fan blade.
- Do not install Fan Light in canopies over stoves, etc as excessive heat will damage the unit.
- The Fan Light is not intended by use by young children or infirm persons without supervision. Young children should be supervised to ensure that they do not play with this Fan Light.

## MODE CONTROL CHART

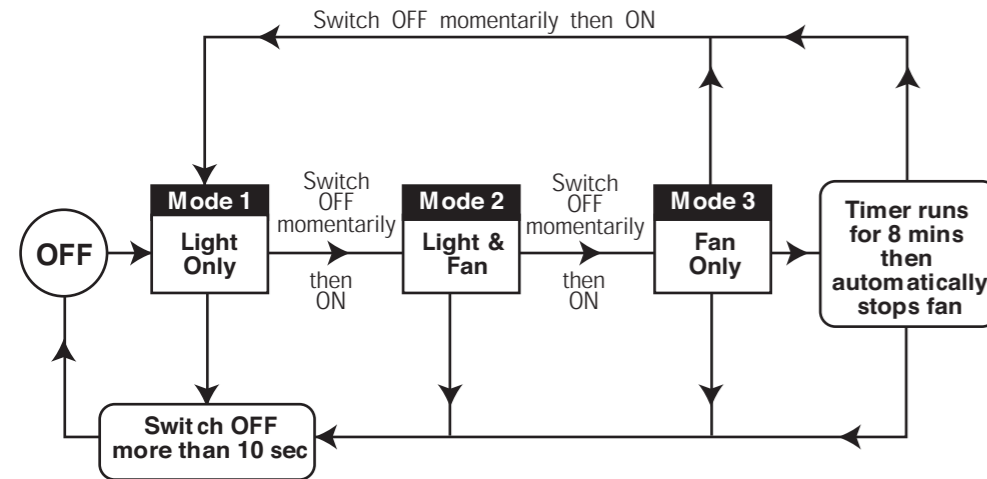


Fig. 06

## Warranty

Arlec guarantees this product in accordance with the Australian Consumer Law.

Arlec also warrants to the original first purchaser of this product ("you") from a retailer that this product will be free of defects in materials and workmanship for a period of 12 months from the date of purchase; provided the product is not used other than for the purpose, or in a manner not within the scope of the recommendations and limitations, specified by Arlec, is new and not damaged at the time of purchase, has not been subjected to abuse, misuse, neglect or damage, has not been modified or repaired without the approval of Arlec and has not been used for commercial purposes ("Warranty").

If you wish to claim on the Warranty, you must, at your own expense, return the product, and provide proof of original purchase and your name, address and telephone number, to Arlec at the address below or the retailer from whom you originally purchased the product within 12 months from the date of purchase.

Arlec will (or authorise the retailer to) assess any claim you may make on the Warranty in the above manner and if, in Arlec's reasonable opinion, the Warranty applies, Arlec will at its own option and expense (or authorise the retailer to) replace the product with the same or similar product or repair the product and return it to you or refund the price you paid for the product. Arlec will bear its own expenses of doing those things, and you must bear any other expenses of claiming on the Warranty.

The Warranty is in addition to other rights and remedies you may have under a law in relation to the product to which the Warranty relates. Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or 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 or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

## ARLEC

Arlec Australia Pty. Ltd. ACN 009 322 105 ("Arlec") gives the Warranty.

Arlec's telephone number, address and email address are:

Customer Service: (03) 9982 5111

Building 3, 31 – 41 Joseph Street, Blackburn North, Victoria, 3130

Blackburn North LPO, P.O. Box 1065, Blackburn North, 3130

Email: [custservice@arlec.com.au](mailto:custservice@arlec.com.au)

# ARLEC

## SMART EXHAUST FAN LIGHT

FLEX1

## INSTRUCTION MANUAL



**IMPORTANT: Please read these instructions carefully before use.**

Due to continuous research and development the specifications herein are subject to change without notice.