

**Description:** Computerised aerosol dispenser.

**Intended use:** To house and dispense regular applications of appropriate aerosols.

**Features:** Streamlined, attractive unit. Solenoid valve - creating a micro-fine mist which allows product to circulate in air currents rather than fall to the ground. Fully programmable to suit any application. Day/night modes. Sensor to detect day & night. Programmable to dispense from 20mg - 100mg. Programmable to dispense from 30 sec to 30 min intervals.

**Limitations:** Suits 250mL cans only.

**Sizes:** unit size approx. 280mm (H) x 100mm (W) x 60mm (D)

**Kit Includes:** Aerosol Dispenser Unit, 3 x AA batteries, Screws for the installation of the Aerosol Dispenser Pod.

**Batteries:** This dispenser requires 3 Alkaline AA Batteries. These batteries should last in excess of 10 months of dispenser usage. Non Alkaline batteries will generally not last beyond 6 weeks.

**Installation Instructions:**

**Choosing Location:**

- a) Choose a location where air currents are likely to circulate. Eg. above an internal door near the kitchen, hallway or the entrance of the room/building. Do not install near window or extractor fan where spray will be carried or extracted away.
- b) Select a position about 2 metres above the floor preferably where there is a clear area between the chosen position and the floor. Avoid installing above furniture or polished surfaces.

**Fasten back plate to the wall:**

- a) Insert a thin round pointy tool (or opened paperclip) into the hole at the base of the unit. Unsnap at base, hinge upward and separate.
- b) Using the backplate as a template, mark the positions for the two screws provided.
- c) Install top screw loosely and align unit vertically.
- d) Install second screw, tighten both screws.

**Programming Instructions:**

**Programming functions:**

The programme can be changed anytime to suit your needs. Both the amount being sprayed and the time interval between sprays. You can also change settings for day or night. The Aerosol Dispenser Pod has a very sensitive light sensor built into the unit to recognise night and day. See following details.

| PROGRAMME TABLE          |                          |                          |                          |                          |                          |                          |                          |                     |
|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------|
| 1                        | 2                        | 3                        | 4                        | 5                        | 6                        | 7                        | 8                        | SWITCH NUMBER       |
| DAY FREQUENCY            |                          |                          | NIGHT FREQUENCY          |                          |                          | QUANTITY DISPENSED       |                          | FREQUENCY DISPENSED |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |                          |                          |                          |                          |                          | OFF                 |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |                          |                          |                          |                          |                          | 0.5 mins            |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |                          |                          |                          |                          |                          | 1.0 mins            |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |                          |                          |                          |                          |                          | 2.0 mins            |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |                          |                          |                          |                          |                          | 4.0 mins            |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |                          |                          |                          |                          |                          | 8.0 mins            |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |                          |                          |                          |                          |                          | 15 mins             |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |                          |                          |                          |                          |                          | 30 mins             |
|                          |                          |                          | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |                          |                          | OFF                 |
|                          |                          |                          | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |                          |                          | 0.5 mins            |
|                          |                          |                          | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |                          |                          | 1.0 mins            |
|                          |                          |                          | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |                          |                          | 2.0 mins            |
|                          |                          |                          | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |                          |                          | 4.0 mins            |
|                          |                          |                          | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |                          |                          | 8.0 mins            |
|                          |                          |                          | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |                          |                          | 15 mins             |
|                          |                          |                          | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |                          |                          | 30 mins             |
|                          |                          |                          |                          |                          |                          | <input type="checkbox"/> | <input type="checkbox"/> | 20 g                |
|                          |                          |                          |                          |                          |                          | <input type="checkbox"/> | <input type="checkbox"/> | 30 g                |
|                          |                          |                          |                          |                          |                          | <input type="checkbox"/> | <input type="checkbox"/> | 50 g                |
|                          |                          |                          |                          |                          |                          | <input type="checkbox"/> | <input type="checkbox"/> | 100 g               |

**PROGRAMME EXAMPLE:**



Day: 8 mins  
 Night: 15 mins  
 Qty: 30g

**Usage Table:**

**Dispensed amount per spray**

20 mg = 7500 sprays/can  
 30 mg = 5000 sprays/can  
 50 mg = 3000 sprays/can  
 100 mg = 1500 sprays/can

**Dispensing frequency**

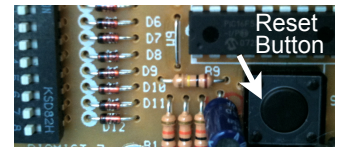
30 sec = 2880 sprays/day  
 1 min = 1440 sprays/day  
 2 min = 720 sprays/day  
 4 min = 360 sprays/day  
 8 min = 180 sprays/day  
 15 min = 96 sprays/day  
 30 min = 48 sprays/day

| Life of can in Days | 20mg spray               |       |       |       |       |        |        |        |
|---------------------|--------------------------|-------|-------|-------|-------|--------|--------|--------|
|                     | Spray intervals at NIGHT |       |       |       |       |        |        |        |
|                     | 30 sec                   | 1 min | 2 min | 4 min | 8 min | 15 min | 30 min |        |
| Spray intervals DAY | 30 sec                   | 2.60  | 3.47  | 4.17  | 4.63  | 4.90   | 5.04   | 5.12   |
|                     | 1 min                    | 3.47  | 5.21  | 6.94  | 8.33  | 9.26   | 9.77   | 10.08  |
|                     | 2 min                    | 4.17  | 6.94  | 10.42 | 13.89 | 16.67  | 18.38  | 19.53  |
|                     | 4 min                    | 4.63  | 8.33  | 13.89 | 20.83 | 27.78  | 32.89  | 36.76  |
|                     | 8 min                    | 4.90  | 9.26  | 16.67 | 27.78 | 41.67  | 54.35  | 65.79  |
|                     | 15 min                   | 5.04  | 9.77  | 18.38 | 32.89 | 54.35  | 78.13  | 104.17 |
| 30 min              | 5.12                     | 10.08 | 19.53 | 36.76 | 65.79 | 104.17 | 156.25 |        |

| Life of can in Days | 30mg spray               |       |       |       |       |        |        |       |
|---------------------|--------------------------|-------|-------|-------|-------|--------|--------|-------|
|                     | Spray intervals at NIGHT |       |       |       |       |        |        |       |
|                     | 30 sec                   | 1 min | 2 min | 4 min | 8 min | 15 min | 30 min |       |
| Spray intervals DAY | 30 sec                   | 1.74  | 2.31  | 2.78  | 3.09  | 3.27   | 3.36   | 3.42  |
|                     | 1 min                    | 2.31  | 3.47  | 4.63  | 5.56  | 6.17   | 6.51   | 6.72  |
|                     | 2 min                    | 2.78  | 4.63  | 6.94  | 9.26  | 11.11  | 12.25  | 13.02 |
|                     | 4 min                    | 3.09  | 5.56  | 9.26  | 13.89 | 18.52  | 21.93  | 24.51 |
|                     | 8 min                    | 3.27  | 6.17  | 11.11 | 18.52 | 27.78  | 36.23  | 43.86 |
|                     | 15 min                   | 3.36  | 6.51  | 12.25 | 21.93 | 36.23  | 52.08  | 69.44 |
| 30 min              | 3.42                     | 6.72  | 13.02 | 24.51 | 43.86 | 69.44  | 104.17 |       |

**Installing / Changing aerosol:**

- Unscrew** the old empty can anti-clockwise from the valve head.
- Screw the new can clockwise** into the valve head, finger tight only but ensuring a complete seal. Keeping the dispenser upright during a change is often found to be the easiest method.
- Tell the dispenser that you have installed a new can** by pushing the reset button on the circuit board. An audible beep will be heard. The computer now knows that you have installed a new aerosol can and it will begin counting the number of sprays and the amount of each spray and let you know when your aerosol can is empty. When empty it will beep every 10 seconds and the Red and Green lights will flash Amber together. The dispense programme can be changed any number of times during the lifetime of the aerosol can and the computer will still be able to advise you the approx. time when the aerosol can will require changing. (This function is only accurate if a full aerosol can is installed at the outset.)
- Attach the front cover to the backplate:** Take the front cover, with the aerosol can and batteries in place, to the backplate that has already been fastened to the wall. Hook the top of the front cover onto the top of the backplate, hinge down and snap into place.
- Switch On.** In a new installation or when replacing an empty can in an existing installation, press the button (I) 10 times to establish an airborne drift. (Keep eyes averted. If accidentally sprayed in eyes - flush with water.)



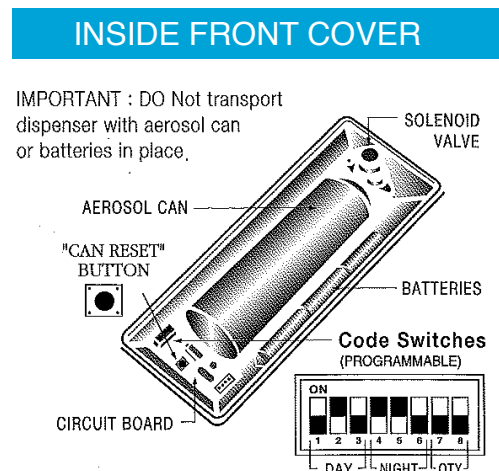
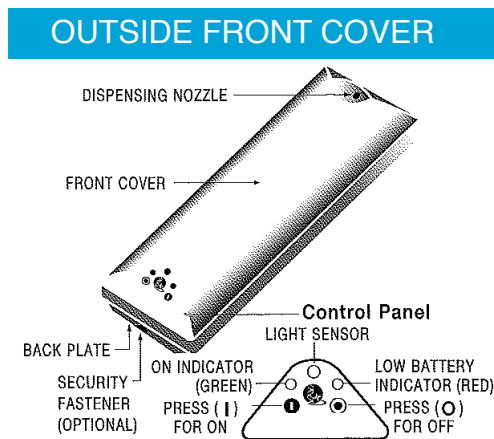
**Control Panel Functions:**

The control panel on the bottom front of the dispenser has these functions:-  
 (I) ON Switch (O) Off Switch

**Lights Operation:**

- Green Light:** Blinks on it's own (every 10 seconds) - Normal Operation
- Red Light:** Blinks on it's own (every 10 seconds) - Change Battery
- Green and Red Light:** Lights Blink together (every 10 seconds) - Change aerosol can. (Whenever the red light blinks an audible beep will be heard. This is normal.)

**Unit Functions:**



**Warranty:** 2 year warranty, see website for more details.

**References:** Please visit [www.cyndan.com.au](http://www.cyndan.com.au) for references for Aerosol Dispenser Pod

