

**DMR AIR FRESHENER DISPENSERS
INFORMATION SHEET**

A. Features & Functions

| FEATURES & FUNCTIONS | DMR BASIC | DMR DELUXE | DMR LCD |
|---|----------------|----------------|--|
| On / Off Switch | ✓ | ✓ | ✓ |
| Test Switch | ✓ | ✓ | ✓ |
| 3 Spray Interval Selection <ul style="list-style-type: none"> • 7.5 minutes (heavy usage) • 15 minutes (medium usage) • 30 minutes (light usage) | ✓ | ✓ | Not Applicable |
| Programmable Spray Interval between 1 – 60 minutes | Not Applicable | Not Applicable | ✓ |
| Day Mode Selection (dispenser to operate under lighted conditions) | Not Available | ✓ | Not Applicable |
| 24 hours Operation | ✓ | ✓ | ✓ (Refer to Programmable Operation by Time) |
| Programmable Operation by Time (by setting Programmable Start and Stop time) | Not Applicable | Not Applicable | ✓ |
| Programmable Off-Day Selection | Not Applicable | Not Applicable | ✓ |
| Real Time Display with 24 hour clock | Not Applicable | Not Applicable | ✓ |
| Low Refill Indicator | ✓ | ✓ | ✓ |
| 2 Refill Can Selection (30 or 60 days) | Not Available | ✓ | ✓ |
| Low Battery Indicator | Not Available | ✓ | ✓ |
| Key Lock Mechanism | ✓ | ✓ | ✓ |

B. Advantages

The advantages are as follows:

- i) DMR Air Freshener Dispensers are able to accommodate most popular aerosol cans with the following:
 - a) **Length** of Aerosol canister **not** exceeding **135 mm**
 - b) Diameter of aerosol can **Valve must be 30 mm** (which is the most normal standard)
- ii) Plastic Material used for the Air Freshener Dispensers is Engineering Grade Poly-Propylene (PP) which is chemical resistant and durable even in cold weather conditions.
- iii) Based on default settings and using 2 'D' sized alkaline batteries, the batteries will last a minimum of 1 year.
- iv) 2 years limited warranty for manufacturing defects.

C. Metered Aerosol Refill Can Usage Calculations:

2,880 shots to 3,000 shots Metered Aerosol Refill Cans are preferred. The Refill Can Usage is calculated as follows:

1. Based on the setting at **7.5-minute intervals** (heavy usage) and 24-hour operation with a 2,880 shots metered aerosol refill installation:

$$\begin{aligned} 1 \text{ day} &= 24 \text{ hours} \times 60 \text{ minutes} \\ &= 1,440 \text{ minutes} \div 7.5 \text{ minutes} \\ &= 192 \text{ shots per day} \end{aligned}$$

$$\begin{aligned} 1 \text{ can} &= 2,880 \text{ shots} \\ &= 2,880 \text{ shots} \div 192 \text{ shots per day} \\ &= 15 \text{ days} \end{aligned}$$

Therefore, the 2,880 shots metered aerosol refill will last **15 days** based on 7.5-minute interval setting and 24-hour operation.

2. Based on the setting at **15-minute intervals** (medium usage) and 24-hour operation with a 2,880 shots metered aerosol refill installation:

$$\begin{aligned} 1 \text{ day} &= 24 \text{ hours} \times 60 \text{ minutes} \\ &= 1,440 \text{ minutes} \div 15 \text{ minutes} \\ &= 96 \text{ shots per day} \end{aligned}$$

$$\begin{aligned} 1 \text{ can} &= 2,880 \text{ shots} \\ &= 2,880 \text{ shots} \div 96 \text{ shots per day} \\ &= 30 \text{ days} \end{aligned}$$

Therefore, the 2,880 shots metered aerosol refill will last **30 days** based on 15-minute interval setting and 24-hour operation.

3. Based on the setting at **30-minute intervals** (light usage) and 24-hour operation with a 2,880 shots metered aerosol refill installation:

$$\begin{aligned} 1 \text{ day} &= 24 \text{ hours} \times 60 \text{ minutes} \\ &= 1,440 \text{ minutes} \div 30 \text{ minutes} \\ &= 48 \text{ shots per day} \end{aligned}$$

$$\begin{aligned} 1 \text{ can} &= 2,880 \text{ shots} \\ &= 2,880 \text{ shots} \div 48 \text{ shots per day} \\ &= 60 \text{ days} \end{aligned}$$

Therefore, the 2,880 shots metered aerosol refill will last **60 days** based on 30-minute interval setting and 24-hour operation.

Note:

The **Factory Default Setting** is based on 15-minute interval setting at 24 hour operation.