



## Additional emzone 12A products to service and maintain your mobile A/C system

- **emzone A/C Dryer** has been formulated to remove harmful moisture that can cause damage to A/C systems. This can occur as the result of a system leak.
- **emzone A/C System Conditioner** has been formulated to repair and condition O-rings seals.
- **emzone A/C Oil Charge** has been formulated as a universal oil lubricant for A/C systems. Improves compressor life and performance.
- **emzone A/C All-In-One** offers complete convenience with a 12A Refrigerant, UV leak detection dye, Universal Oil Lubricant and System Conditioner.

## Produits emzone 12A additionnels pour le service et l'entretien de votre système d'A/C mobile

- **Le Sécheur pour A/C emzone** a été formulé pour retirer l'humidité qui peut causer des dommages aux systèmes d'A/C. Cela peut se produire lors de la présence d'une fuite dans le système.
- **Le Conditionneur pour Système d'A/C emzone** a été formulé pour réparer et conditionner les joints toriques.
- **La Charge d'Huile pour A/C emzone** a été formulé comme un lubrifiant universel à l'huile pour systèmes d'A/C. Améliore la durée de vie et la performance du compresseur.
- **Le Tout-En-Un pour A/C emzone** offre une solution complète et pratique avec du Réfrigérant 12A, de la teinture UV pour la détection de fuite, un lubrifiant à l'huile universel et du conditionneur pour joints toriques.

## emzone 12A Refrigerant / Réfrigérant

Equivalent by Net Weight / Équivalent par poids net de quantité

|        | emzone 12A |     | R-134a |      | R-12 |      |
|--------|------------|-----|--------|------|------|------|
|        | oz         | g   | oz     | g    | oz   | g    |
|        | 3          | 85  | 7.5    | 213  | 8.5  | 242  |
| 1 can  | 6          | 170 | 15.0   | 425  | 17.0 | 480  |
|        | 9          | 255 | 22.5   | 637  | 25.6 | 727  |
| 2 cans | 12         | 340 | 30.0   | 850  | 34.2 | 969  |
|        | 15         | 425 | 37.5   | 1063 | 42.7 | 1212 |
| 3 cans | 18         | 510 | 45.0   | 1276 | 51.3 | 1454 |
|        | 21         | 595 | 52.5   | 1488 | 59.8 | 1696 |
| 4 cans | 24         | 680 | 60.0   | 1701 | 68.4 | 1939 |
|        | 27         | 766 | 67.5   | 1914 | 76.9 | 2181 |
| 5 cans | 30         | 851 | 75.0   | 2126 | 85.5 | 2423 |

\* NOTE: When installing 1 can of STOP LEAK, deduct 3 oz (85 g) of 12A Refrigerant from calculations.

\* NOTE: Lors de l'installation d'1 canette de STOP FUITE, déduire 3 oz (85 g) de Réfrigérant 12A des calculs.

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## USER REFERENCE GUIDE

### emzone 12A A/C COOL REFRIGERANT

A Step by Step Guide for Charging Refrigeration and Air Conditioning Systems with emzone 12A Refrigerant

1. Remove the existing refrigerant charge into a suitable container. **Do not mix refrigerants.**
2. Pull a system vacuum to a least 10 in Hg (25cm Hg).
3. Connect gauges and hoses, then with compressor off, INSTALL emzone 12A Refrigerant on low-pressure side of compressor. Turn hose tap clockwise to insert needle into can and puncture valve. Turn hose tap counter-clockwise to start flow. After a minimum charge is achieved, remove the quick connect, start compressor and set system to high.
4. Add additional emzone 12A Refrigerant as needed.
5. After verifying that pressures and temperatures are correct, remove the recharge hose and place the emzone 12A Refrigerant label on the air conditioning system. Ensure all labels are visible and clearly displayed.
6. Remember that emzone 12A Refrigerant is flammable and should be tested by soap bubbles or fluorescent tracer fluid. If leaks are detected ventilate the area, keep away from open flame or sparks, and repair the leak. After repair, continue with the charging procedure.
7. If a system has been overcharged or has a leak and must be re-charged, evacuate the system and start the charging procedure over.
8. If additional technical assistance is needed please call your nearest area emzone 12A Refrigerant distributor or emzone directly.
9. Your system will now operate with a much lower head pressure, energy efficiency will improve greatly, and the customer will notice the cooler changes in temperature.

**Remember: Label your system!**

**Important Note:** The equivalent weight of emzone 12A Refrigerant to alternative refrigerants is shown in "NET WT." emzone 12A Refrigerant is designed to be charged as a liquid.

**Do Not Overcharge:** Exceeding 414 kPa (60 psig) on low side may damage compressor. Any overcharging may cause loss of cooling efficiency.

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