

F0140 PRODUCT INFO



The COLDTAINER product line includes a large range of state of the art 12V active mobile refrigerated containers. The containers are produced using the rotational molding technology according to the highest standards. They come in a variety of types, internal volumes and internal temperature ranges designed to satisfy all possible demands of professional users in term of temperature controlled transport

- Internal gross capacity 5 cubic feet (37 gallons)
- Single piece design is sturdy, durable and lightweight, with no junctions or cold bridges. Made of food grade polyethylene (PE), UV stabilized. Ultra-thick insulation made by PU foam. Designed for an easy cleaning and disinfection
- Direct current cooling units designed for years of use on board of vehicles, providing low energy consumption and resistance to vibrations. Ambient temperature range from -4°F up to +120°F (with reduced specifications)
- Refrigeration system includes BD series 12V compressors, large surface roll-bond evaporators, ventilated high efficiency spiral tube condensers, electronic thermostat with digital display, battery protection system
- Versions with automatic cooling / heating operation are available for the safe transport of sensitive products (i.e. pharmaceuticals, vaccines, blood). They maintain consistent temperature with a smooth air flow distribution, regardless of outside ambient temperature in alignment with GDP
- AC/DC power supplies (input voltage 100-240Vac 50-60 Hz) available as accessories

Available versions:

- NDN down to +14°F
- NDH from +86°F to +14°F
- FDN down to -6°F
- FDH from +86°F to -6°F



easy cooling, smart moving

www.coldtainerusa.com

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| Model name | F0140/NDN | F0140/NDH | F0140/FDN | F0140/FDH |
|------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| EE article nr. | 816006/00 | 816006/02 | 8160006/01 | 816006/03 |
| Gross capacity ft3 (gal) | 5 (37) | 5 (37) | 5 (37) | 5 (37) |
| Temperature range (°F)* | > +14°F | +86°F to +14°F | > -6°F | +86°F to -6°F |
| Automatic cooling/heating | no | yes | no | yes |
| Voltage | 12-24Vdc | 12-24Vdc | 12-24Vdc | 12-24Vdc |
| Peak Amps (@12Vdc) | 10 | 10 | 18 | 18 |
| Fuse on DC cord | 30A | 30A | 50A | 50A |
| External dimensions (inches) | 39.4 x 24.4 x 27.9 | 39.4 x 24.4 x 27.9 | 39.4 x 24.4 x 27.9 | 39.4 x 24.4 x 27.9 |
| Weight (Lbs) | 114.6 | 119 | 121.2 | 125.6 |
| PU insulation (inches) | 3.1-3.9 | 3.1-3.9 | 3.1-3.9 | 3.1-3.9 |
| "K" insulation factor | 0.35 W/m ² K | 0.35 W/m ² K | 0.35 W/m ² K | 0.35 W/m ² K |
| Compressor (model) | BD50F | BD50F | BD80F | BD80F |
| Refrigerant gas (type) | R134a | R134a | R134a | R134a |
| Refrigerant gas (grams) | 65 | 65 | 120 | 120 |
| Battery cut-out/cut-in | 9.6Vdc-10.9Vdc | 9.6Vdc-10.9Vdc | 9.6Vdc-10.9Vdc | 9.6Vdc-10.9Vdc |
| Optional AC/DC power supply | 560019/00 | 560019/00 | 560020/00 | 560020/00 |
| AC/DC power supply input | 100-240Vac 50/60 Hz | 100-240Vac 50/60 Hz | 100-240Vac 50/60 Hz | 100-240Vac 50/60 Hz |

*with ambient temperature +86°F

