

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/m²K	0.35 W/m²K	0.35 W/m²K	0.35 W/m²K
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

