

## 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 140 litres
- 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  $-20^{\circ}\text{C}$  up to  $+55^{\circ}\text{C}$  (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  $-10^{\circ}\text{C}$
- NDH from  $+30^{\circ}\text{C}$  to  $-10^{\circ}\text{C}$
- FDN down to  $-21^{\circ}\text{C}$
- FDH from  $+30^{\circ}\text{C}$  a  $-21^{\circ}\text{C}$



**easy cooling, smart moving**

[www.coldtainer.com](http://www.coldtainer.com)

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Model name	<b>F0140/NDN</b>	<b>F0140/NDH</b>	<b>F0140/FDN</b>	<b>F0140/FDH</b>
EE article nr.	816006/00	816006/02	8160006/01	816006/03
Gross capacity (lt)	140	140	140	140
Temperature range (°C)	> -10°C	+30°C to -10°C	> -21°C	+30°C to -21°C
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 (mm)	620 x 1000 x 710	620 x 1000 x 710	620 x 1000 x 710	620 x 1000 x 710
Weight (kg)	52	54	55	57
PU insulation (mm)	80-100	80-100	80-100	80-100
"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 (gr)	65	65	120	120
Cut-out / cut-in voltage	9,6Vdc-10,9Vdc	9,6Vdc-10,9Vdc	9,6Vdc-10,9Vdc	9,6Vdc-10,9Vdc
AC/DC power supply (opt)	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 +30°C

