

## F1640 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 1640 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  $+0^{\circ}\text{C}$

 NDH from  $+30^{\circ}\text{C}$  to  $+0^{\circ}\text{C}$



**easy cooling, smart moving**

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

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**PRODUCT INFO**

Model name	<b>F1640/NDN</b>	<b>F1640/NDH</b>
EE article nr.	816010/00	816010/01
Gross volume (Liters)	1640	1640
Temperature range (°C)	+0 °C	+30 °C a +0 °C
Automatic cooling/heating	NO	SI
Voltage	12 Vdc	12 Vdc
Peak Amps (@12Vdc)	32A	32A
External dimensions (mm)	1000 x 1430 x 2175	1000 x 1430 x 2175
Weight (kg)	263	267,5
PU insulation (mm)	85-90-105	85-90-105
"K" insulation factor	0,363W/m <sup>2</sup> K	0,363W/m <sup>2</sup> K
Compressor (model)	BD220 CL	BD220 CL
Refrigerant gas (type)	R404a	R404a
Refrigerant gas (grams)	0,25	0,25
Cut-out / cut-in voltage	11Vdc-12,3Vdc	11Vdc-12,3Vdc
Optional AC/DC power supply	560021/00	560021/00
AC/DC power supply input	100-240Vac 50-60 Hz	100-240Vac 50-60 Hz

\*with ambient temperature +30°C

