

## F0440 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 15.53 cubic feet (116.23 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 -6°F up to +86°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 +32°F**

 **NDH from +86°F to +32°F**

 **FDN down to -6°F**



**easy cooling, smart moving**

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

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**PRODUCT INFO**

Model name	<b>F0440/NDN</b>	<b>F0440/NDH</b>	<b>F0440/FDN</b>
EE article nr.	816018/00	816018/01	816018/02
Gross volume ft <sup>3</sup> (gal)	15.53 (116.23)	15.53 (116.23)	15.53 (116.23)
Temperature range (°F)	+32 °F	+86 °F a +32 °C	-6 °F
Automatic cooling/heating	NO	YES	NO
Voltage	12-24 Vdc	12-24 Vdc	12 Vdc
Peak Amps (@12Vdc)	18A	18A	25A
External dimensions (inches)	31.5 x 30.71 x 69.9	31.5 x 30.71 x 69.9	31.5 x 30.71 x 69.9
Weight (lbs)	308.65	316.37	321.88
PU insulation (inches)	3.35-3.54-4.13	3.35-3.54-4.13	3.35-3.54-4.13
"K" insulation factor	0,395W/m <sup>2</sup> K	0,395W/m <sup>2</sup> K	0,372W/m <sup>2</sup> K
Compressor (model)	BD80 F	BD80 F	BD220 CL
Refrigerant gas (type)	R134a	R134a	R404A
Refrigerant gas (grams)	0,135	0,135	0,25
Cut-out / cut-in voltage	9,6Vdc-10,9Vdc	9,6Vdc-10,9Vdc	11Vdc-12,3Vdc
Optional AC/DC power supply	560020/00	560020/00	560021/00
AC/DC power supply input	100-240Vac 50-60 Hz	100-240Vac 50-60 Hz	100-240Vac 50-60 Hz

\*with ambient temperature +86°F

