

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 440 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°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 $+0^{\circ}\text{C}$
- FDN down to -21°C



easy cooling, smart moving

www.coldtainer.com

F0440
PRODUCT INFO

Model name	F0440/NDN	F0440/NDH	F0440/FDN
EE article nr.	816018/00	816018/01	816018/02
Gross volume (Liters)	440	440	440
Temperature range (°C)	+0 °C	+30 °C a +0 °C	-21 °C
Automatic cooling/heating	NO	SI	NO
Voltage	12-24 Vdc	12-24 Vdc	12 Vdc
Peak Amps (@12Vdc)	18A	18A	25A
External dimensions (mm)	800x780x1775	800x780x1775	800x780x1775
Weight (kg)	140	143,5	146
PU insulation (mm)	85-90-105	85-90-105	85-90-105
"K" insulation factor	0,395W/m²K	0,395W/m²K	0,372W/m²K
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 +30°C

