

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
- Special versions with internal gel battery and battery charger for full "Autonomous Operation" without any connection to the vehicle's battery. The internal battery is rechargeable from the AC mains thanks to the included charger. The unit can run during charging
- The ideal solution for refrigerated transport on board of electric vehicles
- 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°C (with reduced specifications)

Available versions:

- NDN down to -10°C
- NDH from +30°C to -10°C
- FDN down to -21°C
- FDH from +30°C to -21°C



easy cooling, smart moving

www.coldtainer.com

F0140 AuO
PRODUCT INFO

Model name	F0140/NDN	F0140/NDH	F0140/FDN	F0140/FDH
EE article nr.	817003/00	817003/02	817003/01	817003/03
Gross capacity (Liters)	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	internal battery 12-24Vdc			
Battery (VRLA Gel)	1x110 Ah			
Battery charger IU0U	24A			
Battery charger input voltage	100Vac or 230Vac 50-60Hz (voltage must be selected by switch)			
Peak Amps (@12Vdc)	10A	10A	18A	18A
External dimensions (mm)	620 x 1000 x 800			
Weight (kg)	94	96	97	99
PU insulation (mm)	80-100			
"K" insulation factor	0,35 W/m ² K			
Compressor (model)	BD50F	BD50F	BD80F	BD80F
Refrigerant gas (type)	R134a	R134a	R134a	R134a
Refrigerant gas (grams)	65	65	120	120
Cut-out / cut-in voltage	9,6Vdc-10,9Vdc			

*with ambient temperature +30°C

