

## F0720 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 720 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  $+0^{\circ}\text{C}$
- FDN down to  $-24^{\circ}\text{C}$
- FDH from  $+30^{\circ}\text{C}$  to  $-24^{\circ}\text{C}$



**easy cooling, smart moving**

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

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Model name	<b>F0720/NDN</b>	<b>F0720/NDH</b>	<b>F0720/FDN</b>	<b>F0720/FDH</b>
EE article nr.	8160016/00	816016/02	816016/01	816016/03
Gross capacity (lt)	720	720	720	720
Temperature range (°C)	> +0°C	+30°C to +0°C	> -24°C	+30°C to -24°C
Automatic cooling/heating	no	yes	no	yes
Voltage	12-24Vdc	12-24Vdc	12Vdc	12Vdc
Peak Amps (@12Vdc)	20A	20A	32A	32A
Fuse on DC cord	50A	50A	50A	50A
External dimensions (mm)	1400 x 1100 x 1100	1400 x 1100 x 1100	1400 x 1100 x 1100	1400 x 1100 x 1100
Weight (kg)	144	147	150	153
PU insulation (mm)	100	100	100	100
"K" insulation factor	0,28 W/m <sup>2</sup> K	0,28 W/m <sup>2</sup> K	0,28 W/m <sup>2</sup> K	0,28 W/m <sup>2</sup> K
Compressor (model)	BD80F	BD80F	BD220CL	BD220CL
Refrigerant gas (type)	R134a	R134a	R404A	R404A
Refrigerant gas (gr)	133	133	305	305
Cut-out / cut-in voltage	9,6Vdc-10,9Vdc	9,6Vdc-10,9Vdc	11Vdc-12,3Vdc	11Vdc-12,3Vdc
AC/DC power supply (opt)	560020/00	560020/00	560021/00	560021/00
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

