

F1020 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 270 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 -4°F up to $+131^{\circ}\text{F}$ (with reduced specifications)
- Refrigeration system includes 12V compressors, large surface roll-bond evaporators, ventilated high efficiency spiral tube condensers, electronic thermostat with digital display, battery protection system
- NDH version available for the safe transport of sensitive products (i.e. pharmaceuticals, vaccines, blood). It maintains consistent temperature with a smooth air flow distribution, regardless of outside ambient temperature in alignment with GDP
- AC/DC power supplies available as accessories

Available versions:

- NDN down to $+32^{\circ}\text{F}$
- FDN down to -11°F
- NDH from $+86^{\circ}\text{F}$ to $+32^{\circ}\text{F}$



easy cooling, smart moving

www.coldtainer.com

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Model name	F1020/NDN	F1020/FDN	F1020/NDH
EE article nr.	816022/00	816022/01	816022/02
Gross capacity (gal)	270	270	270
Temperature range (°F)*	down to +32°F	down to -11°F	from +86°F to +32°F
ATP class	FRAX	FRCX	BRBX
Voltage	12-24 Vdc	12 Vdc	12 Vdc
Peak Amps (@12Vdc)	21A	33A	21A
Fuse on DC cord	50A	50A	50A
External dimensions (WxDxH) (in)	47,2 x 68,9 x 48,4	47,2 x 68,9 x 48,4	47,2 x 68,9 x 48,4
Weight (lb)	485	533	522
PU insulation (in)	4,7	4,7	4,7
"K" insulation factor	0,23 W/m ² K	0,23 W/m ² K	0,23 W/m ² K
Refrigerant gas (type)	R134a	R452A	R134a
Refrigerant gas (gr)	135	309	105 + 105**
Cut-out / cut-in voltage	9,6 Vdc-10,9 Vdc	11 Vdc-12,3 Vdc	9,6 Vdc-10,9 Vdc
AC/DC power supply (opt)	560020/00	560021/00	560021/00

*with ambient temperature +86°F
 **2 compressors

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