

T0056/T0082 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 56 litres (T0056), 82 litres (T0082)
- 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:

- FDN down to -24°C
- FDH from $+40^{\circ}\text{C}$ to -24°C
- FDN down to -24°C
- FDH from $+40^{\circ}\text{C}$ to -24°C
- XFDN down to -35°C



easy cooling, smart moving

www.coldtainer.com

T0056/T0082
PRODUCT INFO

Model name	T0056/FDN	T0056/FDH	T0082/FDN	T0082/FDH	T0082/XFDN
EE article nr.	816003/00	816003/01	816004/00	816004/01	816004/02
Gross capacity (lt)	56	56	82	82	82
Temperature range (°C)	> -24°C	+40°C to -24°C	> -24°C	+40°C to -24°C	> -35°C
Automatic cooling/heating	no	yes	no	yes	no
Voltage	12-24Vdc	12-24Vdc	12-24Vdc	12-24Vdc	12Vdc
Peak Amps (@12Vdc)	9	9	9	9	25
Fuse on DC cord	25A	25A	25A	25A	30A
External dimensions (mm)	495 x 800 x 500	495 x 800 x 500	560 x 940 x 550	560 x 940 x 550	560 x 940 x 550
Weight (kg)	33	33	35	35	40
PU insulation (mm)	70	70	80	80	80
"K" insulation factor	n/a	n/a	0,32 W/m ² K	0,32 W/m ² K	0,32 W/m ² K
Compressor (model)	BD50F	BD50F	BD50F	BD50F	BD220CL
Refrigerant gas (type)	R134a	R134a	R134a	R134a	R404A
Refrigerant gas (gr)	65	65	65	65	100
Cut-out / cut-in voltage	9,6Vdc-10,9Vdc	9,6Vdc-10,9Vdc	9,6Vdc-10,9Vdc	9,6Vdc-10,9Vdc	11Vdc-12,3Vdc
AC/DC power supply (opt)	560019/00	560019/00	560019/00	560019/00	560020/00
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	100-240Vac 50-60 Hz

*with ambient temperature +30°C

