

Dometic Medical Systems – Technology for life

In medicine, there are new discoveries daily, enabling the protection and preservation of life. Therefore, the challenges for a safe storage, transport and handling of medicines, blood, vaccines and other biological tissues are continually growing.

Dometic devotes its extensive expertise in the area of applied special refrigeration technology in order to ensure optimal quality and safety that are mandatory for a proper, legally compliant cold chain for vital and temperature-sensitive life preserving preparations. This resulted in the concept “Technology for life”, which forms the basis of the continual advancement of all product ranges of the “Medical Systems” division.

Our expertise in this area goes back to the year 1979, when the product range “Cold Chain” was selected by the international health organization to ensure the effectiveness of the cold chain for vaccines worldwide.

With its brand new product family “Biotech Systems” comprising a line of high reliable safety cabinets, incubators and ovens Dometic Medical Systems is now able to offer a complete product range all around the requirements for a safe medical technology, a technology for life.

TCW 3000 SDD - Icelined vaccine Refrigerator

In this particular case, we talk about the operation of a cold chain refrigerator or freezer on solar panels. However, contrary to most of the existing systems, no more batteries for back up are needed.

The new TCW 3000 SDD (Solar Direct Drive) consist basically of a TCW 3000 DC but it has had some major modifications on the electronic level as well as in the icelining.

Advantages:

- 2 to 8 x higher vaccine storage capacity compared to Haier, Vestfrost and SunDanzer
- works at 3,5kWh/24h/m² reference period
- easy installation due to quick connector
- no professional staff needed for the installation
- rotomoulded body construction : rust free and extremely robust
- 100 mm PU foam insulation guarantees highest possible hold over times
- 4 heavy duty rollers for easy moving
- 4 hinges to support the lid adequately
- double silicon replaceable gaskets
- full mice protection
- no freezing risks in the refrigeration compartment

- electronic controller with integrated digital temperature monitoring
- temperature monitoring also in power failure periods
- green technology resulting in environmentally friendly refrigerant and low power consumption

A division of the Dometic Group

Dometic Medical Systems is one of the four business areas of Dometic S.à r.l., a company in the Dometic group. Dometic S.à r.l. is based in the Grand Duchy of Luxembourg, right at the heart of Europe. The company is ISO 9001:2000 and ISO 14001 certified.

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