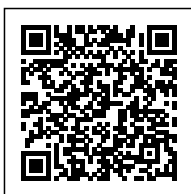


DC3 ESD DRY STORAGE CABINET 3 DOORS (670L)



SKU: DC-3-ESD



ANTI-STATIC DRY STORAGE CABINET - DC-3

Viking DC-3 - ESD safe dry storage cabinet with 3 doors and 3 shelves.
Each section has a separated key.

Specifications

- Available colours: **White** (RAL 9010), **Light grey** (RAL 7035), **Black** (RAL 9005)
- Dimensions (WxDxH): **600 × 640 x 1947 mm** - Capacity: **670 L**
- Humidity range: **1-50%**
- Precision: **±1%**
- **Included shelves (DC series):** 2 x Standard, 1 x Shortened (lower modules have less space, due to the housing of the dehumidifying unit) – Material: Steel, thickness 1.5 mm
- Max. dimensions of the units to be stored: **500 × 510 × 570 mm**
- Supply voltage: **220 ± 22 V**
- Max. power consumption: Up to **210 W/h** in the regeneration phase, **20 W/h** in the storage phase
- IP protection class: **IP 55**.

Desiccation / Recovery time



- Dessiccation: **100 min** (RH from 50% to 1%), **60 min** (RH from 50% to 5%)
- *Recovery time up to **RH 10%** after 10 seconds of door opening: **4 min**
- *Recovery time up to **RH 5%** after 10 seconds of door opening: **8 min**
- *Recovery time up to **RH 3%** after 10 seconds of door opening: **15 min**
- *Recovery time up to **RH 1%** after 10 seconds of door opening: **25 min**
- *Recovery time up to **RH 1%** after 10 seconds of door opening: **35 min**
- Number of door openings per hour (RH 3%): 3.

*Time required for reducing RH level back to its set point, after the cabinet door has been opened and closed – Recovery tested at RH 50% @ 25°C and empty cabinet.

Premium quality

DC Series cabinets description

Viking DC series cabinets are **designed to provide ultra-low ranges of relative humidity**, which are necessary for storing moisture-sensitive components and materials including precision metal parts, printed circuit boards, plates, nano fibers, cassettes, laboratory samples, electronic modules.

All DC cabinets are produced **only in anti-static version**, in strict compliance with IEC 61340-5-1 ESD safety regulations.

Production is made with a specific ESD conductive glass (conductivity $10^3 - 10^5$ Ohm) and ESD wheels. All shelves and horizontal surfaces are grounded and all metal elements are ESD-coated.

Monitoring is performed by a sensor based on **CMOS** technology, each sensor is being factory calibrated prior to installation. Humidity and temperature monitoring is performed by the built-in precision sensor with **digital interface**, processor and LCD display.

Thanks to the integrated RS-232 port, is possible to connect a computer to the cabinet for **data collection**.

All cabinets are equipped with integrated **door alarm system** and are characterized by **low noise level** and ease of use.

Absorption of moisture: automatically regenerated absorbent (**Zeolite**)

Certifications: IPC / JEDEC J-STD 033C, IPC / JEDEC J-STD-020C, EIA / IPC / JEDEC J-STD-075.

Available accessories (only on request, NOT included): Swivel supports, Light tower, Internal LED lighting, Additional shelves, Sliding double shelves, Shelves separation elements, SMD reels adjustable rack, Nitrogen units, USB port.