Visi Cooler 650 - EVC-650

Chillers - Installation & operation manual

1. BEFORE INSTALLATION

Check the unit against the delivery note and record the serial number. Warranty cover (12 months on the unit, 60 months on the compressor) is registered against that number at dispatch.

Leave the cabinet upright for four hours before first power-on so the refrigerant charge settles.

Confirm the supply matches the rating plate: 220-240 V / 50 Hz.

2. PLACEMENT

Allow 100 mm clearance at the rear and 50 mm at each side for condenser airflow. Installed footprint is 750 x 760 mm.

The unit is rated to climate class 4 (30 °C / 55% RH) - Gulf option 43 °C / 65% RH. Do not install in direct sunlight or in the discharge path of a heating appliance.

Level the cabinet before loading. An out-of-level cabinet will not seal, and a cabinet that does not seal will not hold temperature.

3. FIRST START-UP

Power on empty and allow the cabinet to reach its set point before loading product. Operating range is 1 to 10 C.

Controller: EMMD demand-matched digital controller.

Load pre-chilled product where possible. Loading warm product extends pull-down and raises consumption for the first cycle.

4. ROUTINE MAINTENANCE

Clean the condenser every three months, monthly in dusty environments. A blocked condenser is the single most common cause of high running temperature.

Defrost: Adaptive, demand-triggered.

Inspect door gaskets monthly. Replace any gasket that does not hold a sheet of paper closed along its full length.

Clean the interior with mild detergent only. Do not use solvent or abrasive cleaners on the glazing or the cabinet finish.

5. FIRST-LINE FAULT FINDING

Unit not cooling: check supply, check set point has not been altered, check condenser for blockage, check door closes fully.

Condensation on the glass: check ambient humidity against the climate class, and check perimeter heating where fitted.

High noise or vibration: check the cabinet is level and that nothing is in contact with the compressor compartment.

If the fault persists, contact Everest service with the serial number and the model code EVC-650.

6. SERVICE AND SPARE PARTS

Request service at https://www.everestindustrial.com or by email to everestmktg@everestindustrial.com. Critical spares are held for a minimum of seven years after a model leaves production.

Refrigerant work must be carried out by a qualified technician. Hydrocarbon circuits require hydrocarbon-rated tooling.