Connected
Efficiency

CAREL

Contractor Training Program

heaterSteam (UR) humidifiers

Features

Start-up Wizard

The wizard makes installation simple and fast, guiding the user step-by-step through the configuration of the main parameters to get the unit up and running.

Titanium Heating Elements

Exclusive titanium heater elements with embedded PTC sensor
The heating elements are made in titanium, designed to work with extreme aggressive water such as demineralized/deionized water with conductivity below 1 µS/cm and softened water of up to 0° fH.

Inside each heater, a sensor monitors the temperature to prevent any overheating due to low water level, or limescale deposit;

- Detects the temperature of the resistance;
- Indirectly detects the thickness of the limestone according to the temperature;
- No overheating;

Thermal Shock

Periodical scale removal from the heating elements

Thermal shock periodically detaches the limescale from the heaters, decreasing the frequency and complexity of maintenance operations. The electronic controller exploits the mechanical characteristics of the heaters to perform thermal shock cycles in complete safety in order to remove any limescale deposits from the heating elements. This results in longer routine maintenance intervals and greater cleanliness of the unit.

Kevlar Limescale Bag

Quick and simple maintenance with limescale bag made by Kevlar. The Kevlar bag is robust, flexible, and guarantees an easy removal of lime scale

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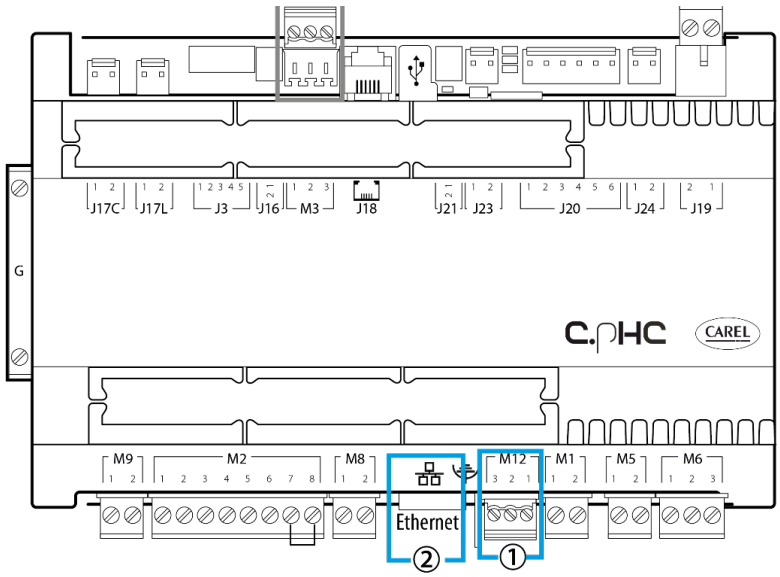
pGDX Display

Built-in Web Server

The built-in webserver allows the entire humidification system to be configured and monitored from a PC or tablet connected to the local network, using a simple web browser.

Built-in Connectivity

Modbus® and BACnet™ communication protocols are available as standard on both the BMS and Ethernet serial ports, without requiring optional cards. The CAREL communication protocol is available on the BMS port.

Port	Protocol
1) BMS	CAREL, ModBus®, BACnet™, CAREL retro
2) Ethernet™	ModBus®, BACnet™