



compactSteam

CH*

In the rooms where we live and work, ensuring correct humidity is not a luxury but rather a factor of well-being, health and productivity. Humidity control also protects furniture and wooden floors, panels and antiques against the damage caused by dry air.

compactSteam is the new CAREL solution for the humidification of more prestigious residential environments, professional offices or small and medium retail premises.

compactSteam is an immersed electrode humidifier that contains all the best that CAREL experience has to offer, in compact dimensions.

The main features are:

- elegant and discrete design, ideal for installation in any environment;
- built-in steam distributor, with adjustable louvers and very silent fan;
- large graphic LCD for straightforward understanding;
- market-leading functionality, safety and user friendliness;
- models from 1.5 to 3.2 kg/h.

Considerable care has been paid to installation not in "utility rooms": the electrical and water connections can be completely hidden from view, and the drain water temperature never exceeds 60 °C. In addition, if no humidification is required for more than 3 consecutive days, the water is automatically drained for maximum hygiene.

A version without built-in distributor is also available, designed for air-conditioning systems with steam distribution in the duct.

In this case, compactSteam may:

- use a special sensor to measure whether there is air flow in the duct, or alternatively
- activate the fan in the duct using a dedicated relay.

A remote steam blower is also available, which allows steam distribution in the room when the humidifier is installed in a utility room.

Features

- user-friendly LCD;
- maximum capacity selectable in steps of 5%;
- 0 to 10V proportional control and modulation from 20 to 100%;
- diagnostics with numeric codes and icons;
- automatic management of water concentration and foam;
- remote enable input and alarm relay;
- built-in steam distributor with fan;
- drain tempering (60 °C);
- automatic emptying due to inactivity (3 days);
- cylinder operating hour counter, resettable;
- concealed electrical/water connections.

Steam cylinders with electrodes

standard cylinders for compactSteam (conductivity 350 to 1250 µS/cm)

code	description
CY0S1A0000	1.6 to 2.5 kg/h cylinder, 110 Vac, single-phase, type A
CY0S1B0000	1.6 to 3.2 kg/h cylinder, 230 Vac, single-phase, type B

low conductivity cylinders for compactSteam (conductivity 125 to 350 µS/cm)

code	description
CY0S1A0000	1.6 to 2.5 kg/h cylinder, 110 Vac, single-phase, type A
CY0S1C0000	1.6 to 3.2 kg/h cylinder, 230 Vac, single-phase, type B