



**humiSteam "Wellness"**  
Humidifier for steam baths

# Electrode humidifier for wellness applications

The reliable and easy-to-install Carel solution complete with all the functions, accessories and controllers for steam bath applications.

- Operation in time bands at different temperature set points;
- Operation on mains water;
- External device management: 4 pumps (for essences and disinfection), 2 fans, 1 light;
- 12 sizes available from 1 to 65 kg / h;
- Drain pump to facilitate the removal of scale when draining the water.

humiSteam Wellness, part of the family of immersed electrode steam humidifiers, is designed for steam bath installations.

It is equipped with the "W" controller, complete with large graphic display, for centralised management of the various functions:

- Scheduled daily and weekly operation;
- Different temperature set points for different time bands;

- Up to 3 actuators for the distribution of essences, and 1 for the "disinfection" cycle;
- Up to 2 fans and interior light;
- The display-keypad unit can be detached from the humidifier and connected remotely, so as to facilitate integration into OEM products.



Active temperature probes

Essence control

Disinfection control



## Reliability

Cylinders with snap-on power connectors for easy fast and risk-free maintenance



## Ease of use

Backlit LCD display for clear understanding of the unit's operating status and diagnostics.



## Hygiene

The water is automatically drained if the humidifier remains inactive for a certain period of time, avoiding stagnation.

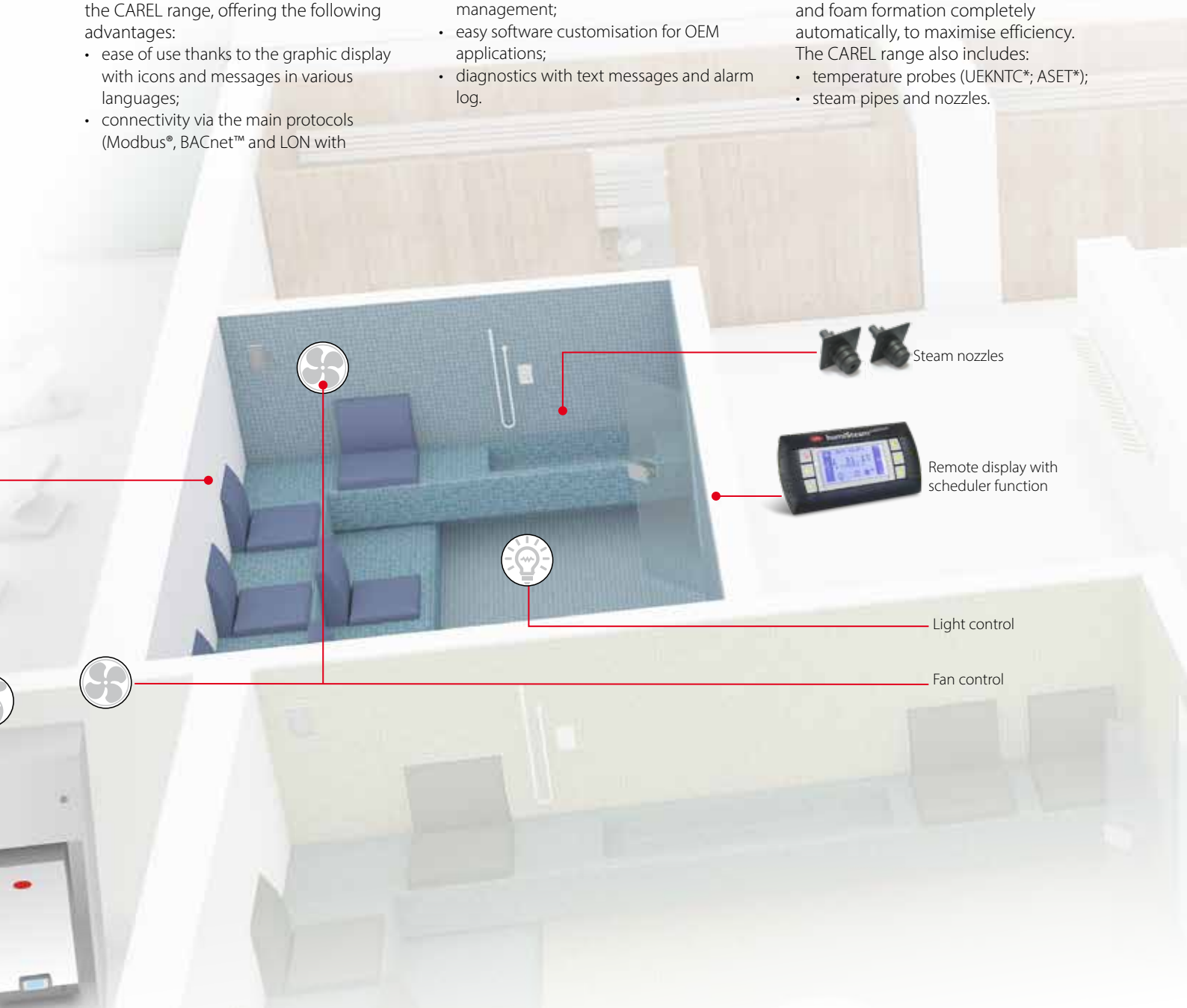
The controller is based on pCO technology, one of the mainstays of the CAREL range, offering the following advantages:

- ease of use thanks to the graphic display with icons and messages in various languages;
- connectivity via the main protocols (Modbus®, BACnet™ and LON with

- external gateway);
- operating hour counter and alarm log management;
- easy software customisation for OEM applications;
- diagnostics with text messages and alarm log.

humiSteam uses mains water and manages the water concentration and foam formation completely automatically, to maximise efficiency. The CAREL range also includes:

- temperature probes (UEKNTC\*; ASET\*);
- steam pipes and nozzles.



Steam nozzles



Remote display with scheduler function



Light control



Fan control

Part number

**U E \_ \_ \_ W \_ \_ 0 1**

- steam production:
- 001= 1.5 kg/h
  - 003= 3 kg/h
  - 005= 5 kg/h
  - 008= 8 kg/h
  - 009= 9 kg/h
  - 010= 10 kg/h
  - 015= 15 kg/h
  - 018= 18 kg/h
  - 025= 25 kg/h
  - 035= 35 kg/h
  - 045= 45 kg/h
  - 065= 65 kg/h

- power supply:
- D= 230 V 1~
  - K= 230 V 3~
  - L= 400 V 3~

- options:
- 0 = standard cylinder
  - C= standard openable cylinder
  - 1= cylinder for low conductivity
  - 2= openable cylinder for low conductivity

**NB:** • not all combinations of part numbers are available;  
 • UEW: 230 V single-phase and three-phase, 400 V three-phase.

## humiSteam table

Specifications	UE001*	UE003*	UE005*	UE008	UE009*	UE010*	UE015*	UE018*	UE025*	UE035*	UE045*	UE065*
<b>General</b>												
Rated steam production - kg/h	1.5	3	5	8	9	10	15	18	25	35	45	65
Power consumption - kW	1.12	2.25	3.75	6.00	6.75	7.50	11.25	13.5	18.75	26.25	33.75	48.75
Power supply for "Wellness" models												
• 230 Vac 50/60 Hz single-phase	●	●	●		●							
• 230 Vac 50/60 Hz three-phase		●	●	●		●	●					
• 400 Vac 50/60 Hz three-phase		●	●	●		●	●	●	●	●	●	●
Steam connection - mm	Ø 22/30		Ø 30					Ø 40			Ø 2x40	
Operating conditions	-1T40°C, 10-90% rH non-condensing											
Storage conditions	-10T70°C, 5-95% rH non-condensing											
<b>Water fill</b>												
Connection	3/4"G male											
Instant flow rate - l/m	0.6	0.6	0.6	0.6	1.1	1.1	1.1	1.1	5.85	5.85	5.85	7
Conductivity limits - µS/cm (*)	75 to 1250											
<b>Water drain</b>												
Connection	Ø 40											
Instant flow rate - l/m	7 (50 Hz) - 9 (60 Hz)								17.5 (50 Hz); 22.5 (60 Hz)			

● available

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