



HUMIDIFICATION  
THE PREMIER COMPACT  
ELECTRODE STEAM HUMIDIFIER  
MODERN. SAFE. AND USER FRIENDLY.

CONDAIR CP3mini



# Condair CP3mini

HUMIDIFICATION



 **condair**



### Why Condair CP3mini?

#### **Inconspicuous.**

Your CP3mini can also be adapted to the appearance of every setting. Water and power can be supplied through the back panel in an inconspicuous manner, if need be. And the modern design cuts a good figure in all aspects.

#### **Clear and Simple.**

In order to service your CP3mini, you do not need to call a technician, since we have attached great importance on simplicity and safety when it comes to this small unit. The steam cylinder which is made of plastic can be replaced in no time at all. In such case, all electronic and current carrying parts have been safely covered.

#### **For High Demands.**

An air humidifier must be able to be adapted to all requirements. When it comes to the CP3mini, the state-of-the-art electronics and simple user interface ensure that your unit performs just as you expect it to.

## The Most Important Advantages

#### **Water directly from the mains**

Forget about water treatment, desalination, demineralization. The Condair CP3mini vaporizes normal mains water and produces odorless and sterile steam. Both for homes and offices and for all individual rooms that require a controlled air humidity.

#### **Runs and runs**

High-quality materials, proven electronics, good workmanship – these are the ingredients for a long, trouble-free operation.

#### **Only so much water as needed**

Your Condair CP3mini knows how to save water. It vaporizes normal mains water with a high degree of efficiency. De-scaling processes only require the absolute minimum water.



### Concealed Connections

The water and power connections are located inside of the air humidifier. A hose set is available as an option such that your Condair CP3mini can be supplied with water and power through the wall in a completely inconspicuous manner. In shops, offices or living quarters, the simple, yet attractively designed unit delivers reliable operation.

### Maintenance: Safe and Fast

The only maintenance you have to worry about is replacing the steam cylinder of your Condair CP3mini. And that is very simple: Remove the housing cover, take out the cylinder, insert new cylinder and close the cover. The electronics and all current carrying parts are safely protected against splash water and inadvertent contact behind an additional cover.

### Easy to Read and Operate

Be it a current setting, self-diagnosis or a problem: The large LCD display shows all operating parameters in plain language. And if you would like to change the humidifier's output or check the service interval, just follow the instructions on the display which will guide you to the desired function.



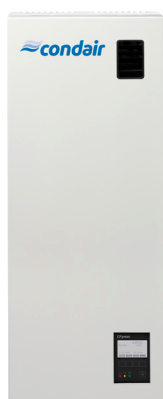
## Humidity Where You Need It

The Condair CP3mini is available with a built-in fan for direct room humidification or with a steam outlet for the air duct. If you are using the model that is equipped with the built-in fan, you can move the louvers up or down in order to direct the steam to exactly where you need it.

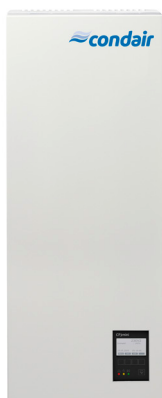
## Wireless Control

The optional battery-operated radio humidity sensor measures the air humidity in the room and transmits the readings to your Condair CP3mini without any wires, of course. The unit automatically adapts its output to the required setpoints.

# CONDAIR CP3mini



CP3mini PR



CP3mini PD

## Characteristics

|                                             | PR | PD |
|---------------------------------------------|----|----|
| Built-in fan for direct room humidification | ●  |    |
| Steam connection for duct humidification    |    | ●  |
| Mounting bracket for easy installation      | ●  | ●  |
| Input for control signal                    | ●  | ●  |
| 5-line graphic display                      | ●  | ●  |
| Internal PI humidity controller             | ●  | ●  |
| Self-diagnostic system                      | ●  | ●  |
| Timer programming                           | ●  | ●  |
| Real-time clock                             | ●  | ●  |
| Adjustable de-scaling variations            | ●  | ●  |
| Remote operating and error signaling        | ■  | ■  |
| Hose set for concealed unit connections     | ■  | ■  |
| Control via radio humidity sensor           | ■  |    |

● Standard ■ Option

## Technical data

|                                 |      | CP3mini PR2                                                    | CP3mini PD2   | CP3mini PR4 | CP3mini PD4   |
|---------------------------------|------|----------------------------------------------------------------|---------------|-------------|---------------|
| Heating voltage 230V1~/50..60Hz | kg/h | 0.4..2                                                         |               | 0.4..4      |               |
|                                 | kW   | 1.6                                                            |               | 3.1         |               |
| Heating voltage 240V1~/50..60Hz | kg/h | 0.4..2                                                         |               | 0.4..4      |               |
|                                 | kW   | 1.6                                                            |               | 3.1         |               |
| Heating voltage 200V2~/50..60Hz | kg/h | 0.4..2                                                         |               | 0.4..4      |               |
|                                 | kW   | 1.6                                                            |               | 3.1         |               |
| Air volume fan                  |      | 22 m³/h                                                        |               | 22 m³/h     |               |
| Sound pressure level*           |      | 37 dB(A)                                                       |               | 37 dB(A)    |               |
| max. room size (guideline)      |      | 200 m³                                                         |               | 400 m³      |               |
| Operating weight empty          |      | 6.2 kg                                                         |               |             |               |
| Operating weight filled         |      | 11 kg                                                          |               |             |               |
| Dimensions (W x H x D)          |      | 265 mm x 650 mm x 175 mm                                       |               |             |               |
| Control signals                 |      | on/off (24VDC), 0..5VDC, 1..5VDC, 0..10VDC, 0..20mA, 4..20mA   |               |             |               |
| Water quality                   |      | untreated drinking water with a conductivity of 125..1250µS/cm |               |             |               |
| Admissible water pressure       |      | 1..10 bar                                                      |               |             |               |
| Admissible water temperature    |      | 1..40 °C                                                       |               |             |               |
| Admissible ambient temperature  |      | 1..40 °C                                                       |               |             |               |
| Admissible ambient humidity     |      | max. 75%rh                                                     |               |             |               |
| Admissible duct air pressure    |      |                                                                | -0.8..0.8 kPa |             | -0.8..0.8 kPa |
| Protection                      |      | IP20                                                           |               |             |               |
| Conformity                      |      | CE, VDE, GOST                                                  |               |             |               |

\* Higher values may be achieved for a short period during de-scaling

PR = for direct room humidification

PD = for duct humidification