



HUMIDIFICATION  
THE ROTATION ATOMISER FOR USE  
IN INDUSTRY, WAREHOUSES AND  
COMMERCE. ATOMISATION IN ALL  
DIRECTIONS.

CONDAIR ABS3



 **condair**

# Condair ABS3

HUMIDIFICATION



Upon request: Atomisation  
in all directions

Fresh water:  
120 times per hour.

Continuous control

The Condair ABS3 standard model distributes the spray mist at a 120° angle. It can be mounted on the wall or the ceiling in order to make the best possible use of the possibilities provided by the structure. The 360° model for ceiling mounting is available for special applications.

The water tank of the Condair ABS3 holds 0.055 litres – hardly more than an egg cup. This small quantity is completely atomised within a period of 30 seconds. The cyclic descaling process is started automatically after six operating hours; in the stand-by mode purging is carried out after 72 hours.

In addition to an On/ Off signal, the electronic system can also process a controlled 0..10V signal. As a result, the Condair ABS3 can precisely adjust its output to the conditions prevailing and reliably prevent over-humidification in cases where ambient conditions fluctuate.





## Key benefits

### Why the Condair ABS3?

#### **It is universally usable.**

The Condair ABS3 with its rotation atomisation technology is the perfect solution for many applications: in fruit, vegetable and paper warehouses, in printing works, in wine maturing and cheese ripening, in the textile industry and in wood-processing companies.

#### **It is cost-effective.**

The Condair ABS3 uses readily available resources optimally. It atomises normal tap water or demineralised water without the use of a high-pressure pump or air compressor. This translates into: Low power consumption combined with an optimum humidification effect.

#### **No stagnant water**

Operation with quasi running water, the small water tank as well as the automatic purging cycles make the Condair ABS3 the most hygienic product of its kind.

#### **Continuous**

The Condair ABS3 humidifies just the way you need it and wherever you want it: It can even be used in halls with different moisture zones due to its continuous controllable capacity ranging from 1 to 6.5 litres per hour and the possibility of wall or ceiling mounting.

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## Technical data

	Condair ABS3 120 Condair ABS3 360
Humidification capacity	1.0...6.5 l/h
Air circulation	280 m <sup>3</sup> /h
Power consumption 230V/PN	230 W
Power consumption 115V/PN	230 W
Water tank	0.055 l
Operating temperature	+1.. 35°C, 0...100 r.F. (optionally -2°C)
Water connection pressure	1...10 bar

## Options

	Standard	Optional
Hygiene function	•	
Proportional or On/Off control	•	
24V supply voltage for the controller	•	
Operation up to -2°C		•
Hygostat		•
RCC humidity sensor/ humidity controller		•