**Cellar dehumidification control AKE**

Features

Fully automatic, intelligent cellar dehumidification control for the highest demands.

Constant comparison of the absolute humidity in the indoor and outdoor areas: Connected fans ventilate automatically if the absolute humidity in the room is greater than outside.

No maintenance and manual control required: Install once and the system works automatically.

Operation of fans up to a total of 200 W and 1 A (supply and exhaust air fan).

For the use of fans > 200 W and 1A as well as three-phase AC fans, a circuit breaker must be installed between the control and the fan.

Barrier-free product as the fan switches itself on and off automatically without additional switches.

Control monitors the room humidity via integrated humidity-temperature sensors.

Frost protection function: Switch off the system at inside temperatures below 5 °C.

Dry protection function: Switching off the system at a relative humidity of less than 30 %

Additional manual operation for 20 min. can be switched on and off again using the button on the control.

Additional installation of switch for unit not needed.

Additional manual continuous operation with switch possible.

Status and function displayed using LEDs.

2 buttons: Reference value setting and activate manual ventilation.

Compact dimensions: Control 120 x 94 x 50 mm, outdoor sensor 45 x 30 x 23 mm.

Scope of delivery: Control, sensors, 15 m sensor connection cable.

Housing made of impact-resistant plastic.

IP protection: IP40 control / IP54 outdoor sensor.

Frost protection: To prevent the room from cooling down, the AKE has a frost protection function. In this case, the connected fan(s) switch(es) off automatically at indoor temperatures of less than 5 °C.

Protection against insufficient humidity: To prevent the room from drying out, the AKE has a dry protection function. In this case, the connected fan(s) switch(es) off automatically at a relative room humidity of less than 30 %.

Suitable for continuous operation.

Installation instructions

Simple installation: wall installation.

Electrical connection can be: either surface-mounted or flush-mounted.

Technical data

|  |  |
| --- | --- |
| Article: | AKE |
| Type of voltage: | Alternating current |
| Rated voltage: | 230 V |
| Output: | 2 pieces |
| Frequency: | 50 Hz |
| Maximum load (inductive load): | 1 A |
| Degree of protection: | IP 40 |
| Mains cable: | 3 x 1,5 mm² |
| Voltage at the output: | 2 x 230 V |
| Installation site: | Wall |
| Type of installation: | Surface-mounted |
| Material: | Synthetic material |
| Synthetic material definition: | PVC-free polystyrene |
| Colour: | white |
| Weight: | 0,49 kg |
| Weight including packaging: | 0,62 kg |
| Width: | 120 mm |
| Height: | 50 mm |
| Depth: | 94 mm |
| Width with packaging: | 260 mm |
| Height with packaging: | 62 mm |
| Depth with packaging: | 145 mm |
| Airstream temperature at nominal current: | 5 °C up to 60 °C |
| Ambient temperature: | 5 °C up to 60 °C |
| Packing unit: | 1 piece |
| Range: | A |
| GTIN (EAN): | 4012799571292 |
| Article number: | 0157.0129 |

Manufacturer: MAICO

AKE Cellar dehumidification control