

# MC-10

Indirect air heater with an advanced control system



multicalor

*Heating*

*Cooling*

*Ventilation*

# Quick warm up, with clean air in your home

**High-quality materials, a generous heat exchanger with 6 rows, and a high-performance electronic control. The result is the MC-EE, a device that excels with ease of installation and silent operation. An extremely durable device, easy to use, reliable and easy to maintain.**

## **High efficiency**

The MC-EE is an indirect air heater that is used in combination with a boiler, district heating or a heat pump with water as an energy carrier. The heart of the unit is the spacious heat exchanger with 6 rows. By applying 6 rows, the unit can also reach a high air outlet temperatures even at lower water temperatures.

The device is therefore ideally suited to be used with modern condensing boilers with low or variable water temperatures. And this is important because the lower the water temperature, the higher the efficiency of the boiler that controls the MC-EE. The higher the efficiency, the less you consume!

## **Modulating fan**

The MC-EE is a modulating device. The electronic controller automatically adjusts the fan speed according to the discharge temperature.

If the air outlet temperature is high, the fan speeds up quickly, so it can reach the desired temperature in the house. However, if the air outlet temperature is low, the fan slows down reducing noise and power consumption.

This makes a whisper quiet operation possible guaranteed, without any nasty temperature fluctuations or draughts.

By constantly adjusting the air temperature to meet the requirements, the air temperature can be adjusted to suit your needs.

Temperature is regulated very precisely.

This improves comfort and also reduces consumption!

## **Quiet operation**

The MC-EE uses 15 mm thick sound absorbing insulation. This ensures excellent acoustic and thermal insulation.

## **Multi-positional**

The MC-EE can be used in multiple orientations. It suffices to turn the unit in order to use it as a downflow version.

## **Accessories**

A range of accessories is available for the MC-EE, so the installation becomes child's play.



### **1 Six-row heat exchanger**

The units are equipped with an oversized heat exchanger with 6 rows. In this way, even with low water temperatures, sufficiently high air temperatures are achieved.

### **2 Energy-efficient fan**

The use of electronically controlled DC motors greatly reduces power consumption, saving the environment and significantly reducing your electricity consumption.

### **3 User-friendly interface**

The control panel is equipped with a colour display with touchscreen. This allows you to quickly and easily adjust the device settings.

### **4 Acoustic insulation**

The casing design incorporates extremely effective insulation.

### **5 Air filter**

A disposable air filter is provided as standard in the MC-10. A fine filter is also available as an option.

### **6 Sheet steel casing**

The cabinet is made of galvanized prepainted sheet steel. The white polyester powder coating is scratch-resistant and easy to clean.

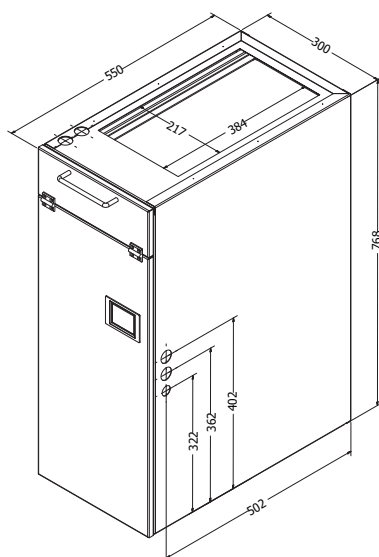
## **Multicalor Industries NV**

From our many years of experience, we have taken advantage of our experience to develop the MC14: reliable and very easy to install and maintain. The overmeasured heat exchanger makes it possible to achieve high air temperatures with lower water temperatures, which improves both efficiency and comfort.

The advanced touch screen control system is easy to set up and offers a wide range of options, such as zone control and connection to a building management system.

With the MC-10, you can bring home a top product that you will be able to enjoy carefree for years!

## Technical features MC-10



### Technical data MC-10

Blower type		D3G160
Power	W	170
Nominal rated output	kW	10
Nominal flow rate	m <sup>3</sup> /h	600
Air on temperature	°C	20
Air off temperature	°C	71.9
Water supply temperature	°C	80
Water return temperature	°C	73
Dimension	mm	
Height		768
Width		300
Depth		550
Weight	kg	27

For more information, consult your installer

