

## Product description

# CBFE – Fan coil unit control box [stepless]

## Introduction CBFE

When extra cooling is needed, in addition to what Lindinvent's supply air diffuser can provide, CBFE can be used to control fan coil units with EC motors.

For control of fan coil units with stepped motors see control box CBFS.

## Function

The thermal actuator in the fan coil unit is controlled On/Off via a relay in CBFE when the 0-10V signal is >1V. CBFE simultaneously sends a 0-10V signal to the fan coil unit that controls the rpm of the fan in proportion to the input signal.

CBFE is connected to a controller that supplies the control box with voltage feed and control signal.



CBFE – Fan coil unit control box

## Technical specifications

### General

#### Dimension

121x41x80 mm (WxHxD)

#### Material

Thermoplastic encapsulation

#### Colour

White

#### IP class

Encapsulation complies with IP44

### Electrical system

#### Supply voltage

24 VAC

#### Output

1 VA

#### CE marking

Complies with EMC and the Low Voltage Directive

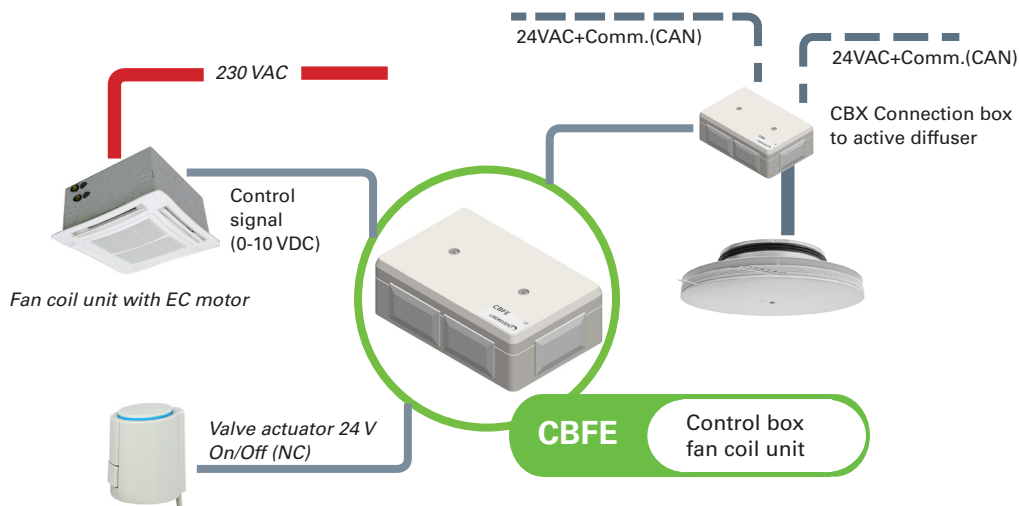
#### Input signals

1 x 0-10 VDC

#### Output signals

1 x 0-24 VAC for valve actuator

1 x 0-10 VDC for fan motor control



Connection diagram: Control box CBFE with connections.

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## Additional product documentation CBFE

Table 1: Additional documentation for CBFE can be obtained via links on the product's website under Products at [www.lindinvent.se](http://www.lindinvent.se)

Document	Available	Not available	Comments
Installation Instruction	●		Mounting double box.
Start-up instruction	●		Setting of parameters on connected active diffuser or regulator.
Maintenance instruction		●	Maintenance-free.
External connection diagram	●		
Environmental product declaration	●		Assessed by Sundahus and Byggsvarubedömningen.
User information		●	Not applicable.
Modbus list		●	Not applicable.
AMA text		●	

Product documentation for CBFE can be downloaded via [www.lindinvent.se/products/](http://www.lindinvent.se/products/)



### Contact

[www.lindinvent.se](http://www.lindinvent.se)  
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