

INTRODUCTION

When extra cooling is needed, in addition to that from Lindinvent's supply air diffusers, CBF-E can be connected to control a fan coil unit with EC motor. With this solution, cooling and heating will be able to be controlled in sequence from the room climate controller, which means that systems for heating and cooling do not run the risk of working in parallel.

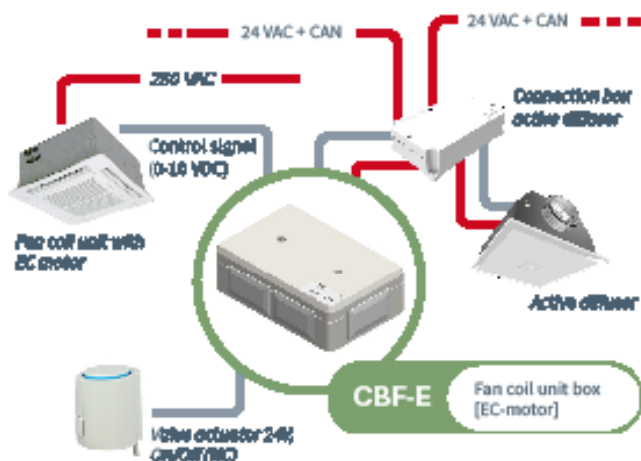
See CBF-S for control of a 3-stage motor fan coil unit.



FUNCTIONS

CBF-E is supplied with voltage and a control signal from the connected room climate controller. The valve actuator in the fan coil unit opens via a relay when the control signal (0-10 V) is above 1 V. CBF-E simultaneously leaves a 0-10 V signal to the fan coil unit. This signal controls the speed of the fan proportionally to the level of the signal.

CONNECTIONS



TECHNICAL SPECIFICATIONS

General

Dimension (mm): 121x80x41 (LxWxH)

Material

Encapsulation: ABS

PCB: FR4

Net weight: 0,2 kg

Colour

Encapsulation: White, RAL9003

IP-klass

IP44

Temperature limits:

Operation: 10°C to 40°C; <85% RF

Storage: -20°C to 50°C; <90% RF

Electrical system

Power supply: 24 VAC

Effect: 1 VA

CE-marking

Uppfyller EMC och lågspänningsdirektivet.

Signals

Input

0-10 VDC

Output

0-10 VDC

0-24 VAC through relay for valve On/Off (NC)

ADDITIONAL PRODUCT DOCUMENTATION

Download available at www.lindinvent.com

Document	Comment
Installation instruction	The box is attached via screw holes in the bottom. Membrane nippels for easy cable fitting.
Start-up instruction	Function selection and other settings are made on the connected room climate controller.
Maintenance instruction	Regarded as maintenance-free
External connection diagram	Shows how equipment is connected to CBF-E.
Building material declaration	Assessed by Byggarubedömningen in Sweden.
AMA-text	Not available.