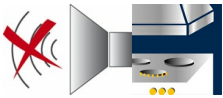




# ACOUSTIC CABINET FANS FOR SUPPLY AIR APPLICATIONS

## CAIB Series

CAIB-24/355 BCR



Introduction of fresh air to commercial offices and industrial kitchens.

Acoustic cabinet fan in galvanised sheet steel with reinforced insulation by:

- Fibre glass panels 50 mm thickness.
- Density 70 kg/m<sup>3</sup>, recovered with a high speed weaved veil.
- Fire rated A1 in accordance with EN 13 501-1 standard (non-flammable).

4 mounting feet.

In-line duct connection by circular flanges with integrated rubber seals.

G4 grade filter integrated inside the cabinet on slides.

(On request, F5 or F7 grade filters).

Safety protection on the access cover for application where the cabinet fan is fixed into the ceiling.

Direct drive forward curved centrifugal fan. Can be used indoors or outdoors with accessories.

Reversible installation for access from the top or the bottom.

### Range

5 models with airflows from 50 to 3700 m<sup>3</sup>/h. Operation with complete electronic control.

4 versions:

Electric heater battery.

Hot water coil.

Reversible water coil.

Hot water coil + cold water coil.

### Motors

CAIB 10/ 17/ 24/ 35: Motor IP20, class F, thermal overload protection, 2 speeds, single phase 230V 50Hz.

CAIB 38: Motor IP20, class F, thermal overload protection, 1 speed, three phase 230/400V 50 Hz.

### Version with electric heater batteries

304L stainless steel element rods.

Safety thermostats: auto-reset thermostat at 75°C / manual reset thermostat at 120°C

### Version with hot water coils

Copper pipes, aluminium fins and galvanised sheet steel frame; threaded water pipes connections.

Right hand side (relative to airflow) access doors/panels for maintenance.

Battery mounted on slides with a side door access.

### + Attributes



**Airtight cabinet**  
Internally lined with 50 mm thickness fibre glass insulation (non-



**Easy to mount**  
4-fixing feet.



**Stainless steel 304L electrical heaters**



**Integrated electronic controller**  
Integrated electronic controller mounted on the



**Hot water coil**

flammable).

cabinet.

### **+ Acoustic characteristics**

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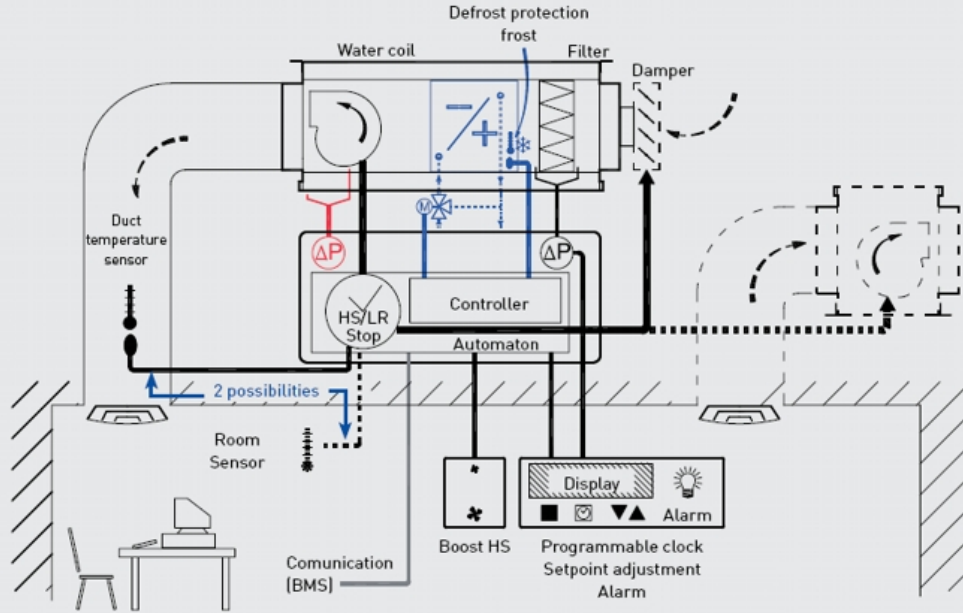
### **+ Technical characteristics**

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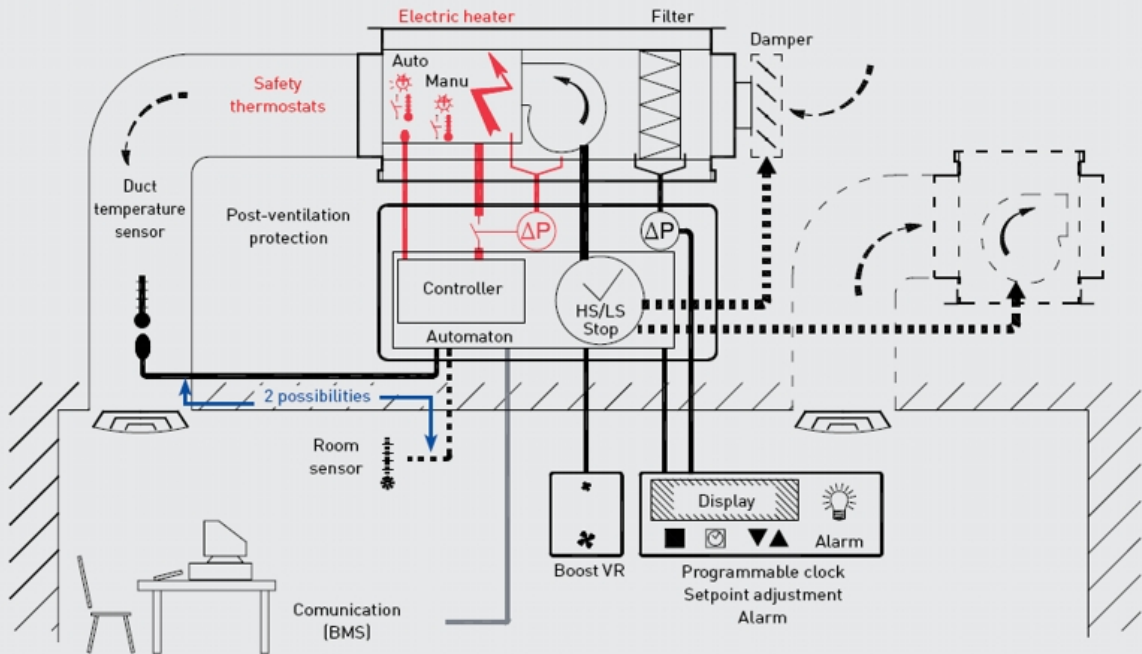
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### **+ Installation Diagram**

### Installation with water coil



### Installation with electric heater

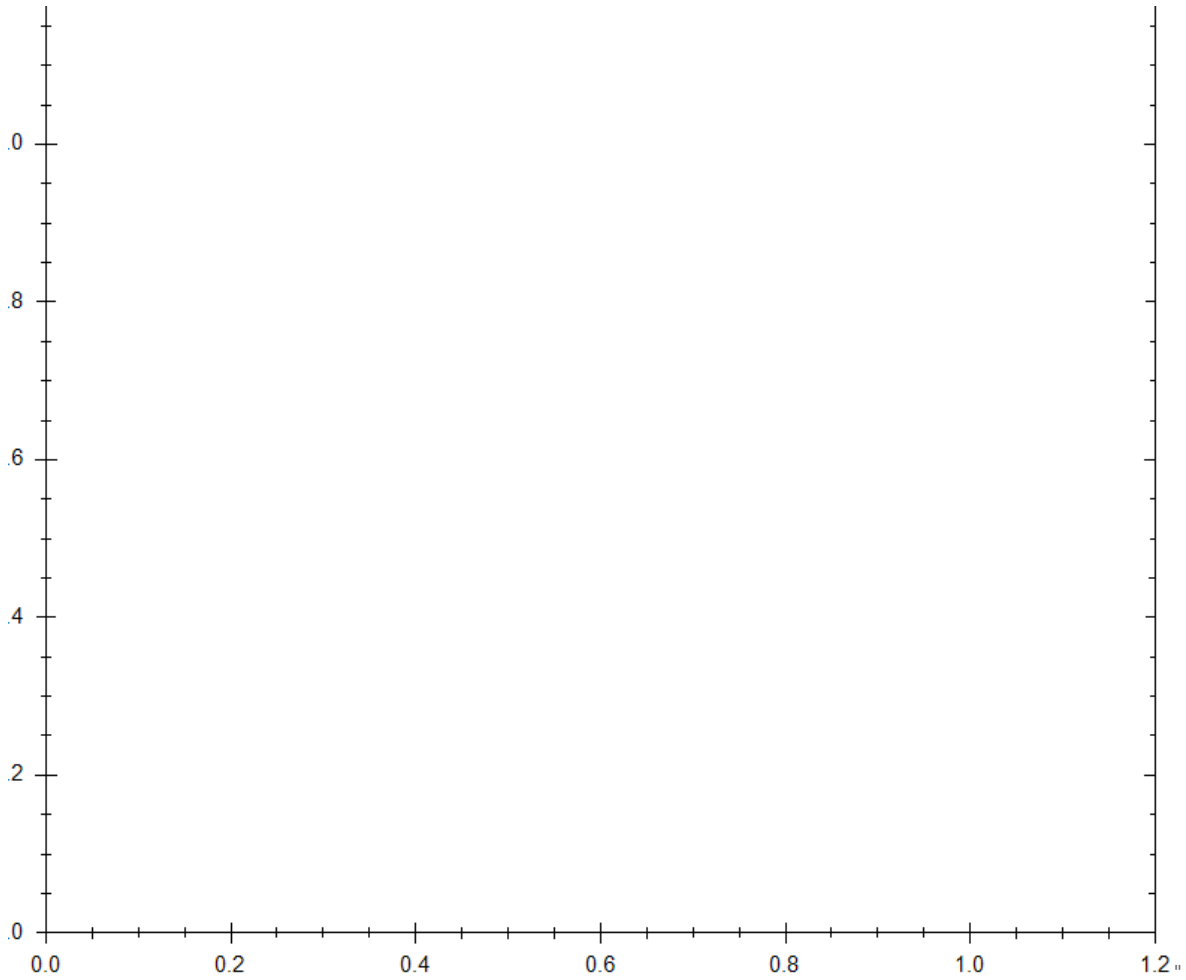


## + Dimensions

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## + Curves



## + Specific Accessories



**ACOPEL F400 N**  
Circular flexible  
connector.



**APC**  
Rain cap with  
protection cowl  
against birds.



**REEV 250/355/400**  
Defrost damper.



**LF-230 S**  
**LF-24 S**  
Motor for the defrost  
damper.



**Filter**  
M5 and F7 filters  
available.

Model	AFR (spare filter for CAIB)		
	G4	M5	F7
CAIB-10/250	AFR-CAIB 10 G4	AFR-CAIB 10 M5	AFR-CAIB 10 F7
CAIB-17/355	AFR-CAIB 17/24/35/38 G4	AFR-CAIB 17/24/35/38 M5	AFR-CAIB 17/24/35/38 F7
CAIB-24/355			
CAIB-35/400			
CAIB-35/400			