

## ECA 150 ipro H

### **ECA 150 ipro - comfort program**

In its comfort program, the ECA 150 ipro initially starts up in the low level after an individually adjustable start delay. Only when the room has been left does the fan switch to the high level to remove all dampness and odours from the room. This overrun time can also be set individually.

#### **Benefits of the comfort program:**

When there is someone in the room, there is virtually no operating noise as during this time the ECA 150 ipro is not yet running or is only running in the low level.

The ECA 150 ipro is supplied in the comfort program ex factory.

### **ECA 150 ipro - demand program**

■ In its demand program, the ECA 150 ipro starts up in the high level after an individually adjustable start delay. This is maintained until the person leaves the room. Then the fan switches to the lower level. The overrun time in the low level can also be set individually.

#### **Benefits of the demand program:**

■ This program is selected if there is a higher demand for ventilation when persons are in the room, e.g workshops, garages, etc.

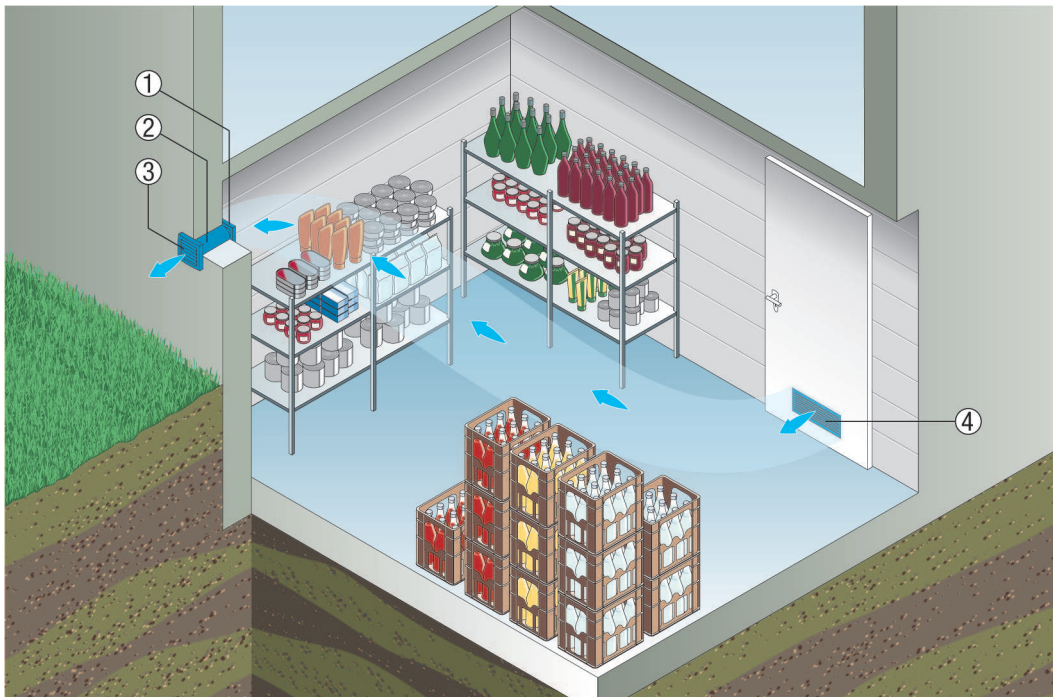
### **ECA 150 ipro - economy program**

■ In its economy program, the ECA 150 ipro starts up in the low level after an individually adjustable start delay. This ventilation level is maintained both while the person is present and once the person has left the room. The fan switches off automatically only once the individually adjustable overrun time has passed.

#### **Benefits of the economy program:**

- This program offers permanent comfort coupled with great economy.
- The pleasant ventilation ensures a continuous exchange of air and produces virtually no operating noise.
- The economy program is suited to all rooms only used occasionally, e.g. in a cellar or hobby rooms.

## ECA 150 ipro H



- ① ECA 150 ipro small room fan
- ② WH 150 wall sleeve
- ③ AP 150 shutter
- ④ MLK door ventilation grille

### ECA 150 ipro - power program

- The power program is the opposite of the economy program. The ECA 150 ipro starts up in the high level after an individually adjustable start delay. This intensive ventilation is maintained until the user leaves the room. Yet the fan then continues to run in the high level. As always the overrun time can be set individually.

### Benefits of the power program:

- This program ensures a continuous exchange of large volumes of air.
- Unusually high levels of dampness and odours are reliably extracted.
- The power program can be used wherever large amounts of air are to be quickly extracted, e.g. in public showers or in vestibules to saunas.

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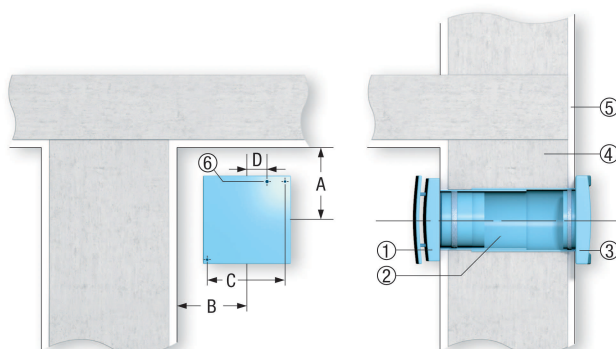


- ① ECA 150 ipro small room fan
- ② WH 150 wall sleeve
- ③ AP 150 shutter
- ④ MLK 45 door ventilation grille

### Wall mounting of ECA small room fans

Please note the following points when fitting ECA 100 ipro, ECA 150 ipro, ECA piano and ECA 120 series model fans in a wall:

- A minimum distance between the wall and the ceiling must be observed when preparing the wall breakthrough, see diagram.
- Fit a wall sleeve.
- Feed in the connecting cable for surface or recessed mounting.
- ECA 100 ipro and ECA piano only available as recessed-mounted fans.
- Secure the fan using screws during installation.
- The AP shutter prevents cold air from entering when the fan is switched off. Not required with ECA piano and all versions with electrically-operated internal shutter.



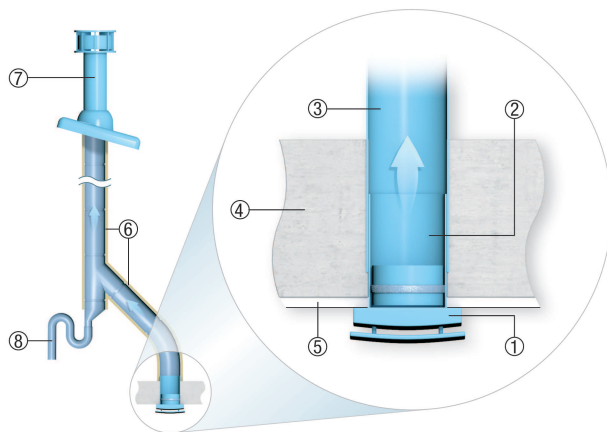
## ECA 150 ipro H

- ① ECA fan
- ② WH wall sleeve
- ③ AP outside shutter
- ④ Masonry
- ⑤ Plaster
- ⑥ Cable entry

### Ceiling installation with roof cowl

Please note the following points when fitting ECA 100 ipro, ECA 150 ipro, ECA piano and ECA 120 series model fans in a ceiling in ventilation systems with a roof cowl:

- The minimum distance from the wall must be observed (see wall mounting as well).
- Install the wall sleeve or duct.
- Surface- or recessed-mounted connecting cable guide.
- ECA 100 ipro and ECA piano only available as recessed-mounted fans.
- Drain off any condensation present in the duct using a siphon. Fit a T-piece with siphon in the duct (odour seal) for this purpose.
- Proper duct insulation reduces the build-up of condensation considerably.
- Use a roof cowl with the condensation drain pointing outwards, see recommended accessories.



- ① ECA fan
- ② Sleeve WH ...
- ③ Duct, DN 100, DN 125 or DN 150
- ④ Masonry
- ⑤ Plaster
- ⑥ Insulation
- ⑦ DF/DP roof cowl (DN 125/160, possibly adapted by customer)
- ⑧ Condensation drain (siphon), provided by customer

### Wall mounting of ECA small room fans

Please note the following points when fitting ECA 100 ipro, ECA piano, ECA 100, ECA 120 and ECA 150 series model fans in a wall:

- A minimum distance between the wall and the ceiling must be observed when preparing the wall breakthrough, see diagram.
- Fit a wall sleeve.
- Feed in the connecting cable for surface or recessed mounting.
- ECA 100 ipro and ECA piano only available as recessed-mounted fans.
- Secure the fan using screws during installation.

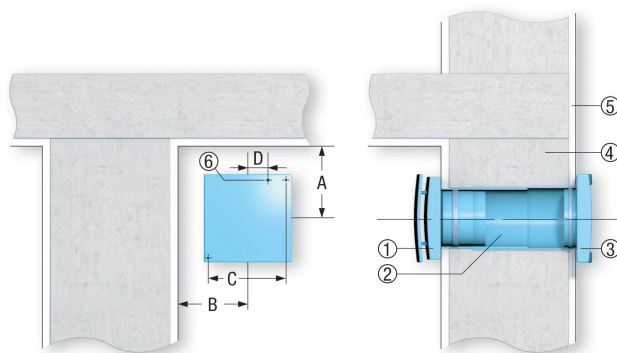
# INSTALLATION INSTRUCTIONS



## ECA 150 ipro H

■ The AP shutter prevents cold air from entering when the fan is switched off. Not required with ECA piano and all versions with electrically-operated internal shutter.

	A	B	C	D
<b>ECA 100 ipro</b>	105	85	129	22
<b>ECA piano</b>	90	80	129	24
<b>ECA 120</b>	115	95	152	24
<b>ECA 150 ipro</b>	130	130	178	22.5



- ① ECA fan
- ② WH wall sleeve
- ③ AP outside shutter
- ④ Masonry
- ⑤ Plaster
- ⑥ Cable entry

### Ceiling installation with roof cowl

Please note the following points when fitting ECA 100 ipro, ECA piano, ECA 100, ECA 120 and ECA 150 series model fans in a ceiling in ventilation systems with a roof cowl:

The minimum distance from the wall must be observed (see wall mounting as well).

Install the wall sleeve or duct.

Surface- or recessed-mounted connecting cable guide.

ECA 100 ipro and ECA piano only available as recessed-mounted fans.

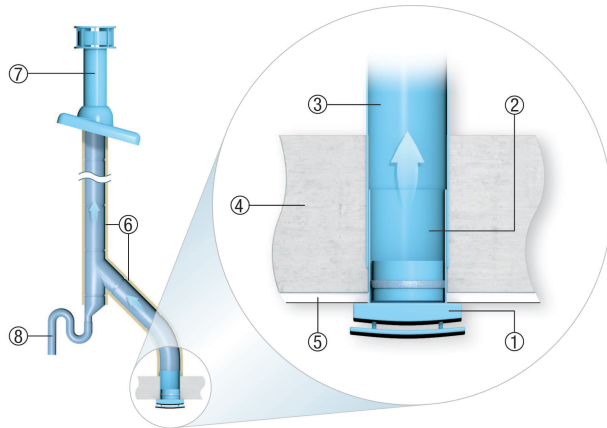
Drain off any condensation present in the duct using a siphon. Fit a T-piece with siphon in the duct (odour seal) for this purpose.

Proper duct insulation reduces the build-up of condensation considerably.

Use a roof cowl with the condensation drain pointing outwards (see recommended accessories).

# INSTALLATION INSTRUCTIONS

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- ① ECA fan
- ② Sleeve
- ③ Duct DN 100, DN 125 or DN 150
- ④ Masonry
- ⑤ Plaster
- ⑥ Insulation
- ⑦ DF/DP roof cowl
- ⑧ Condensation drainage (siphon)