



Installation manual

Damper Compact L / R

D-EIMOC003007-24_01EN

- › Compact L
- › Compact R

Original instructions

REV	01
DATE	June 2026
REPLACES	D-EIMOC003007-24_00

1 Important warnings



The pictogram shows a situation of immediate danger or a dangerous situation that might cause injuries or death.



The pictogram shows that it is necessary to adopt suitable behaviour in order to avoid jeopardising staff safety and cause damages to the equipment.



The pictogram shows particularly important technical information that should be taken into consideration by the people installing or using the equipment.



Read this manual carefully before installation and keep it for any further future consultation by the various operators. Do not remove, tear out or rewrite any part of this manual.



Failure to follow these instructions may cause damage and injuries, even fatal, voids the warranty and relieves the Manufacturer of any liability.



All installation, assembly, electrical connections to the mains and ordinary/extraordinary maintenance must be performed **only by technicians complying with the legal requirements**, after turning off the unit and using personal protective equipment (i.e. gloves, protective goggles, etc.), in compliance with the regulations in force in the country the equipment is to be used in and the laws on safety in the workplace.



Installation, use or maintenance other than those specified in the manual may cause damage, injury or death, invalidate the warranty and relieve the Manufacturer of all liability.



Use protective clothing and suitable equipment while handling or installing the equipment, in order to prevent accidents and safeguard your own and other people's safety. Individuals not assigned to installation or maintenance are NOT allowed to stand or pass through the work area while the unit is assembled.



Before carrying out any installation, disconnect the equipment from the power supply and wait at least 120 seconds before carrying out any operation.



It is the responsibility of the user/installer to check the static and dynamic stability relative to the installation and to arrange environments so that **people who are not competent or authorised DO NOT have access to the unit or to its controls.**

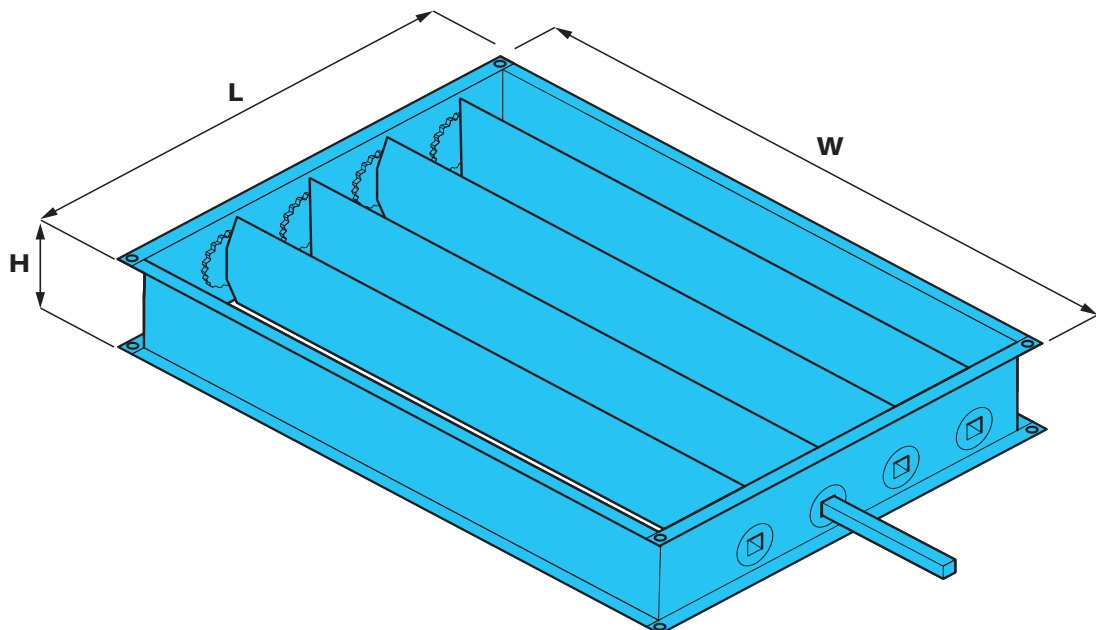
2 Technical data

Damper Compact L

Size	Material name	H [mm]	L [mm]	W [mm]	WEIGHT [kg]
02	ALA02EDA	70	200	306	2
03	ALA03EDA	70	250	456	4
05	ALA05EDA	70	350	556	7
07	ALA07EDA	70	450	756	13

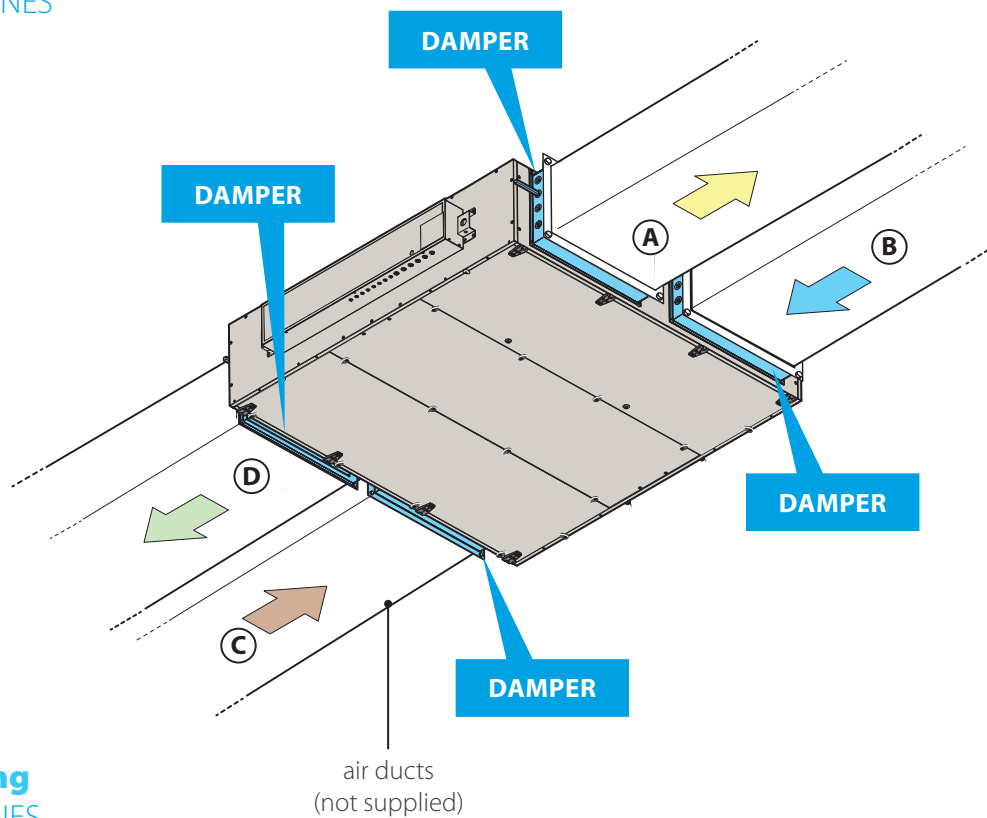
Damper Compact R

Size	Material name	H [mm]	L [mm]	W [mm]	WEIGHT [kg]
01	ALA03EDA	70	250	456	4
02	ARA02EDA	70	300	556	7
03	ALA05EDA	70	350	556	7
04	ARA04EDA	70	350	656	9
05	ALA07EDA	70	450	756	13
06	ARA06EDA	70	450	856	16
07	ARA07EDA	70	550	1056	21

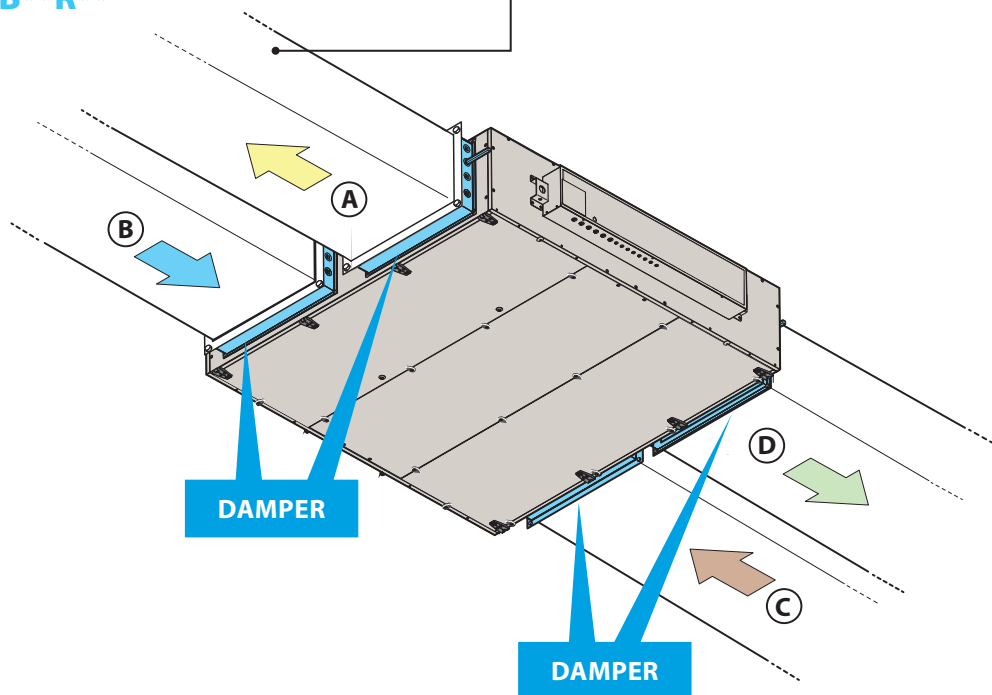


3 Installation

Left handling VERSION MACHINES ALB**L**



Right Handling VERSION MACHINES ALB**R**

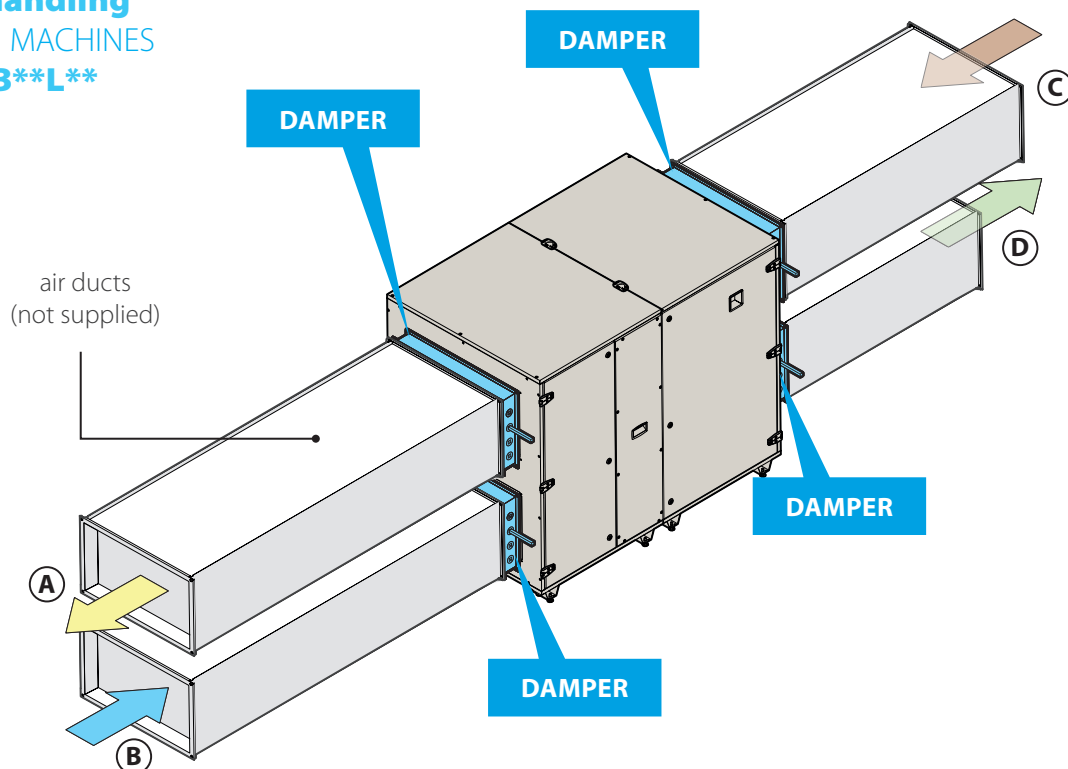


DUCT

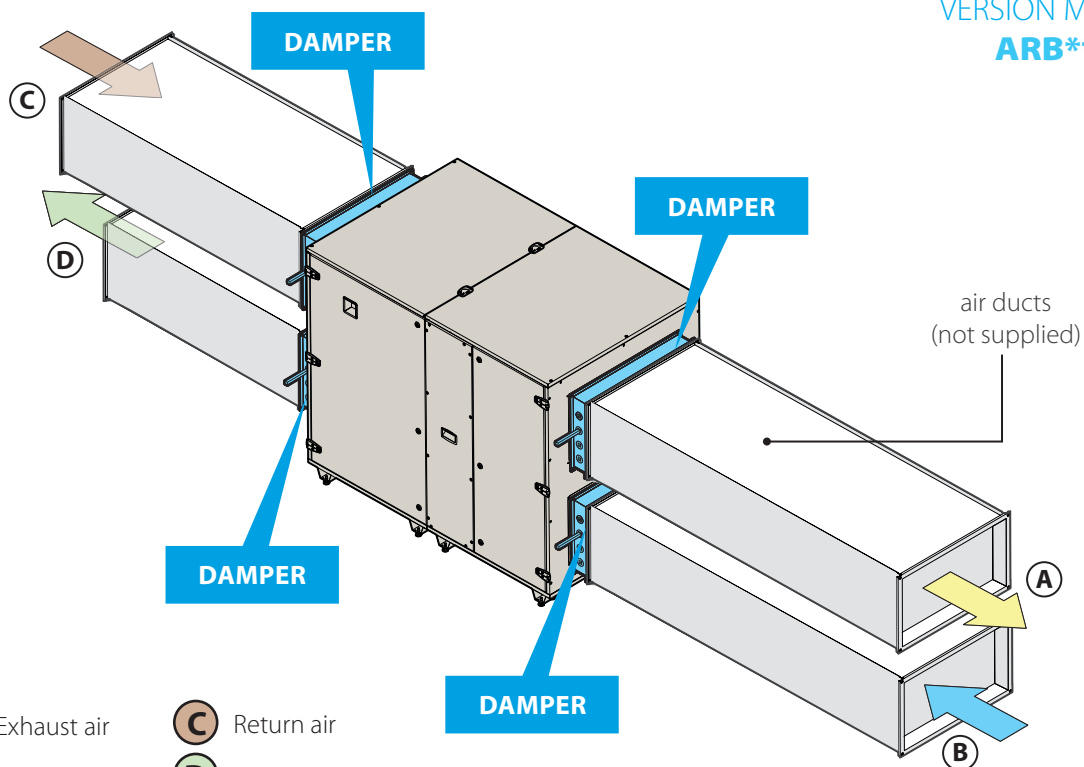
- A** Exhaust air
- B** Fresh air
- C** Return air
- D** Supply air

1 Unit duct, example

Left handling
VERSION MACHINES
ARBL****



Right Handling
VERSION MACHINES
ARBR****



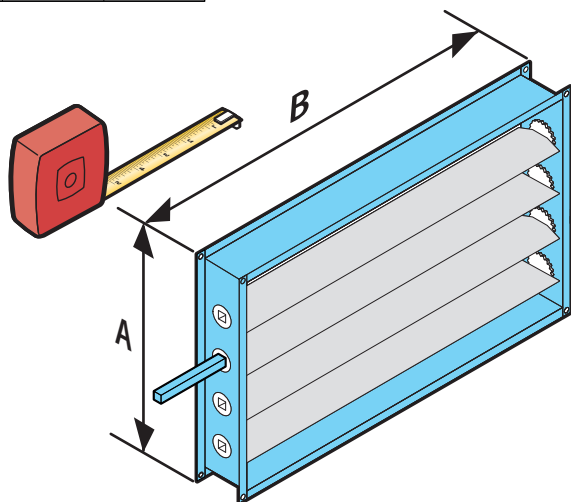
DUCT

- | | |
|----------------------|---------------------|
| A Exhaust air | C Return air |
| B Fresh air | D Supply air |

1 Unit duct, example

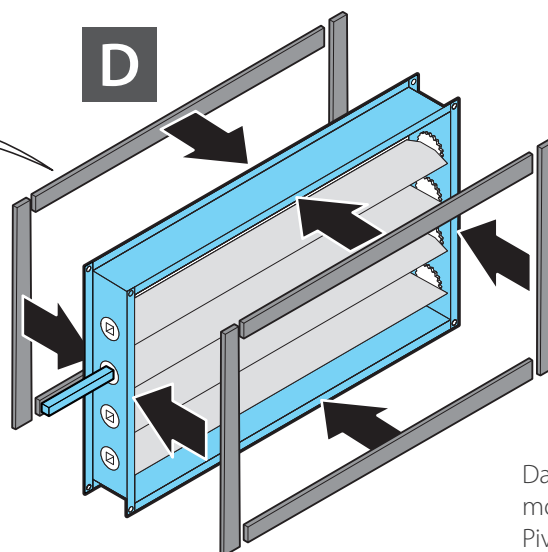
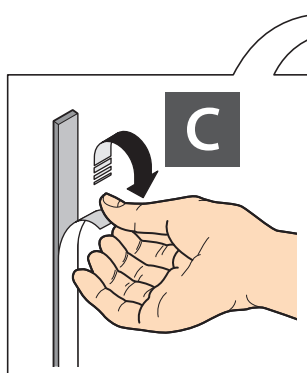
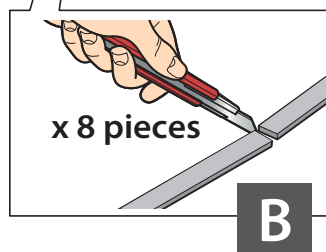
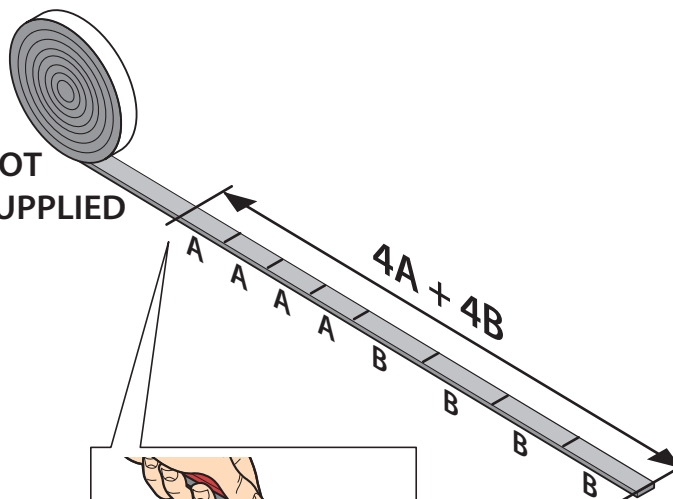
Compact R		
Size	A	B
01	200 mm	400 mm
02	250 mm	500 mm
03	300 mm	500 mm
04	300 mm	600 mm
05	400 mm	700 mm
06	400 mm	800 mm
07	500 mm	1000 mm

Compact L		
Size	A	B
02	150 mm	250 mm
03	200 mm	400 mm
04-05	300 mm	500 mm
06-07	400 mm	700 mm



A

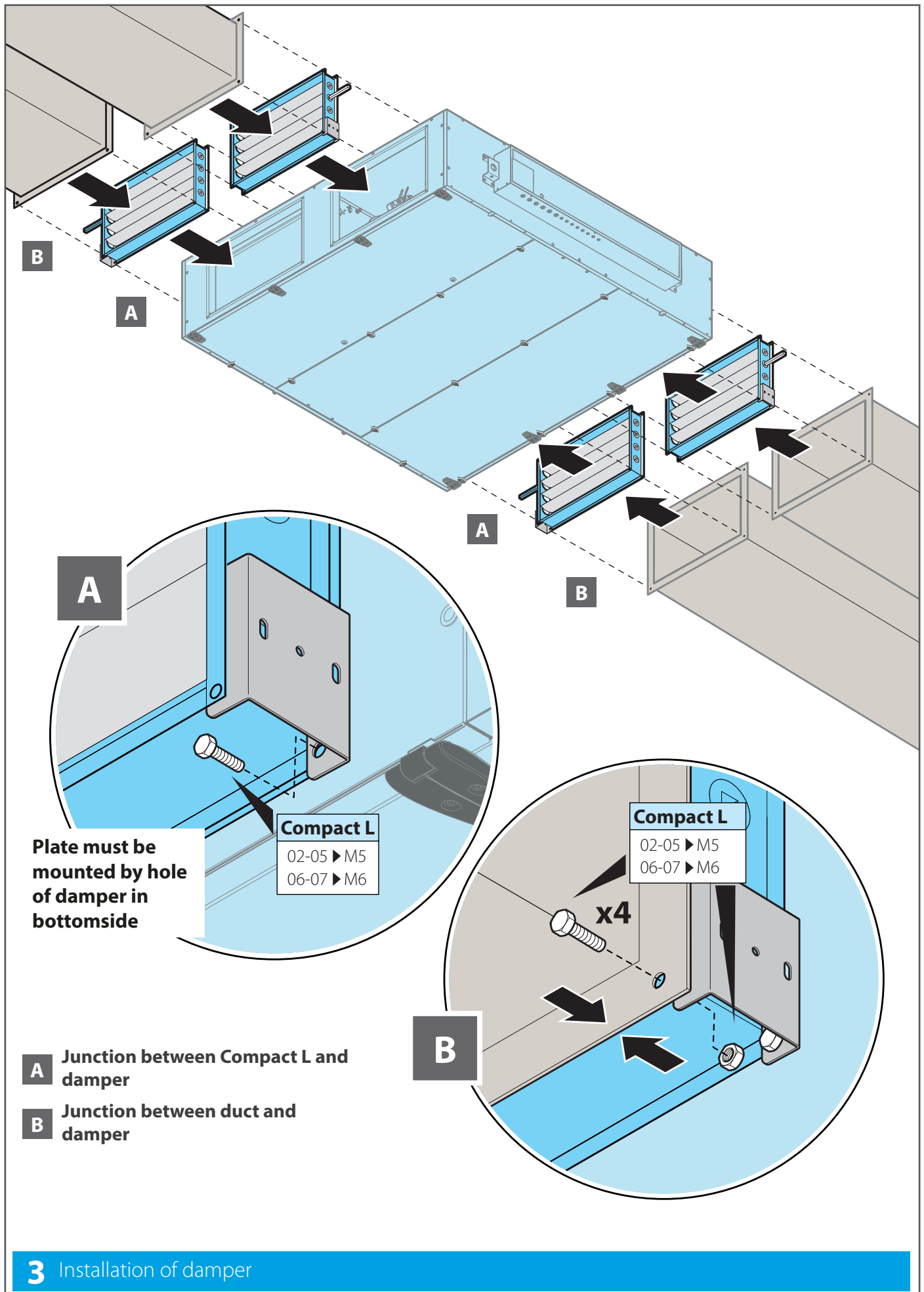
NOT
SUPPLIED



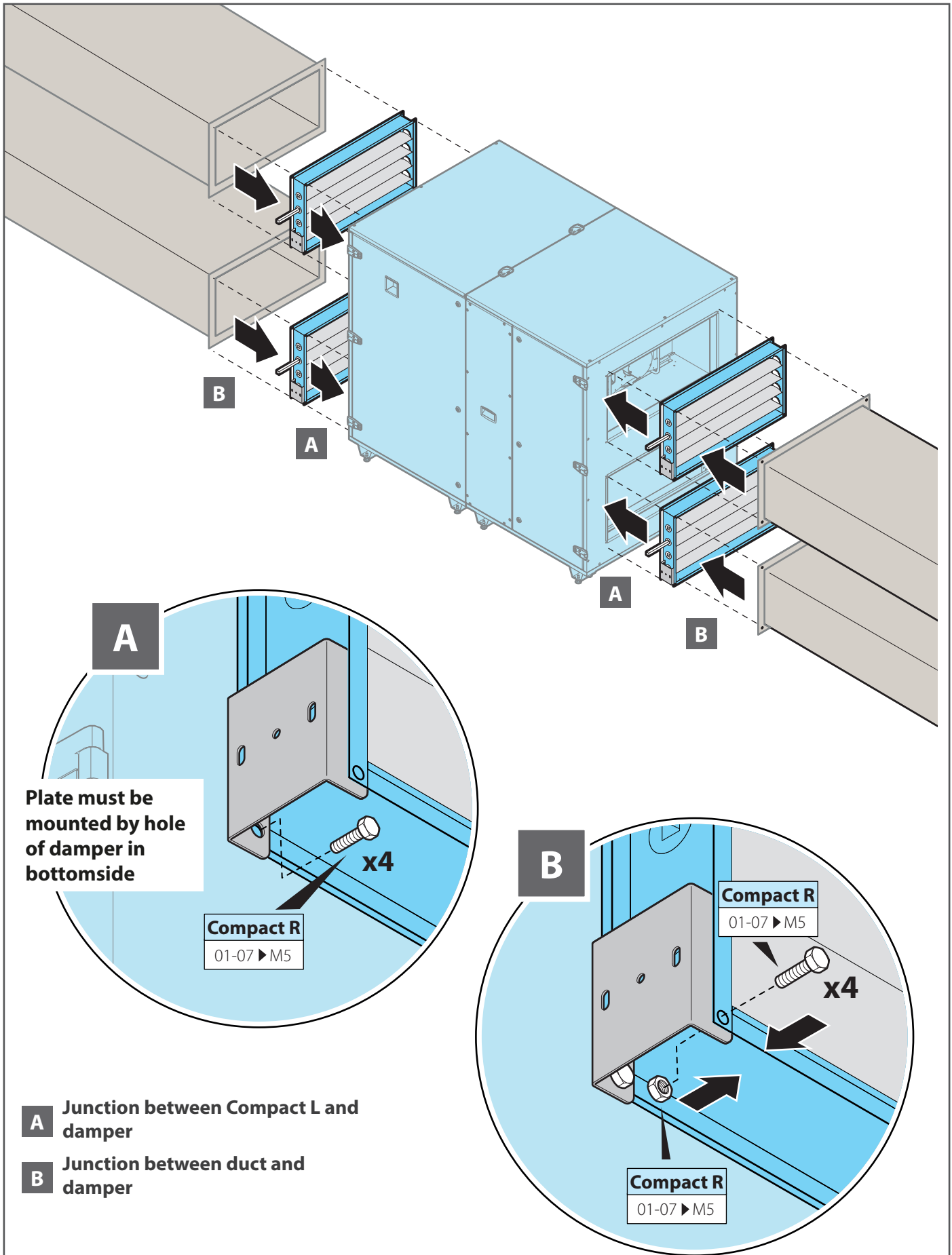
Damper must be
mounted as shown:
Pivot in upper side

2 Installation of gasket

Damper Compact L



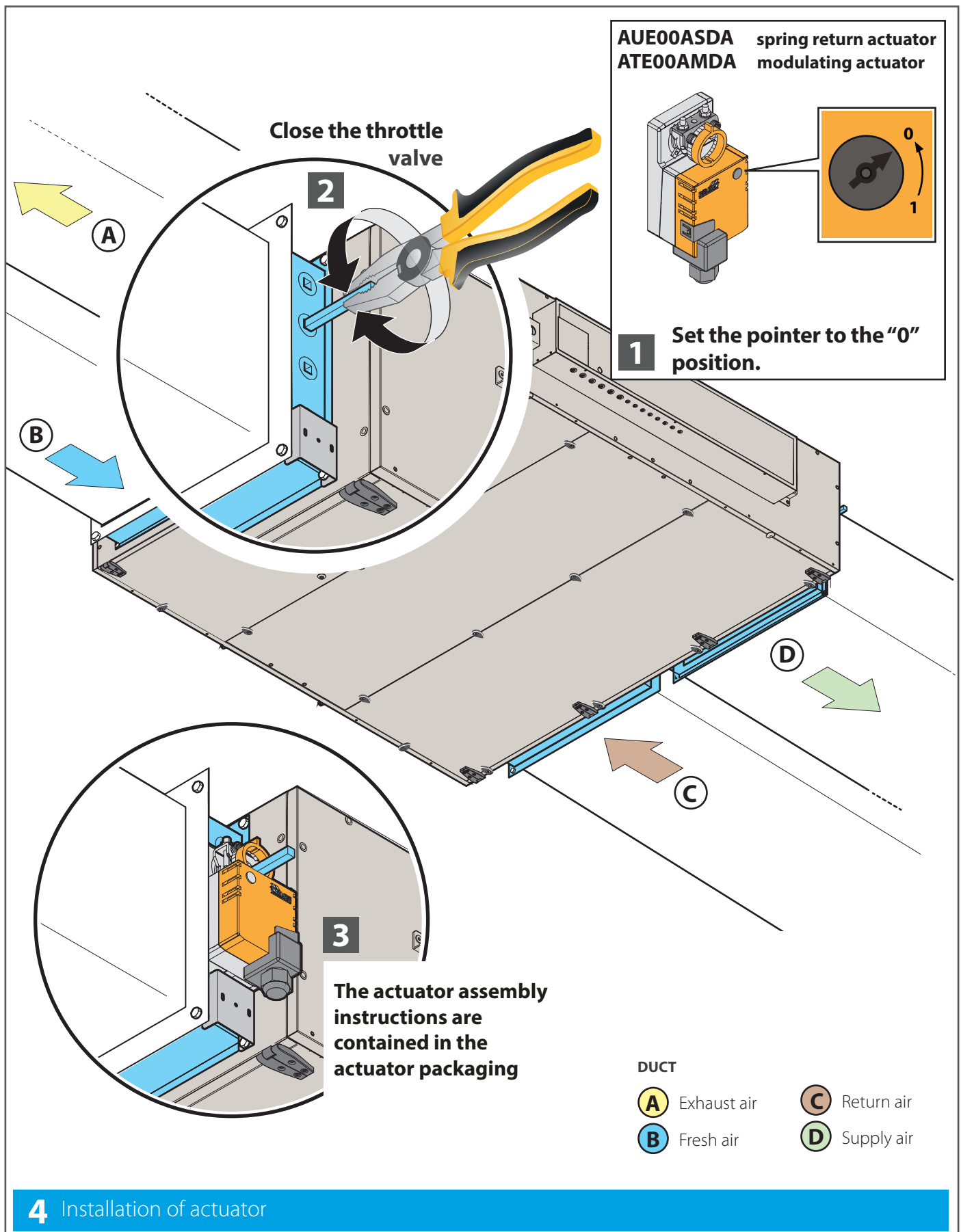
Damper Compact R

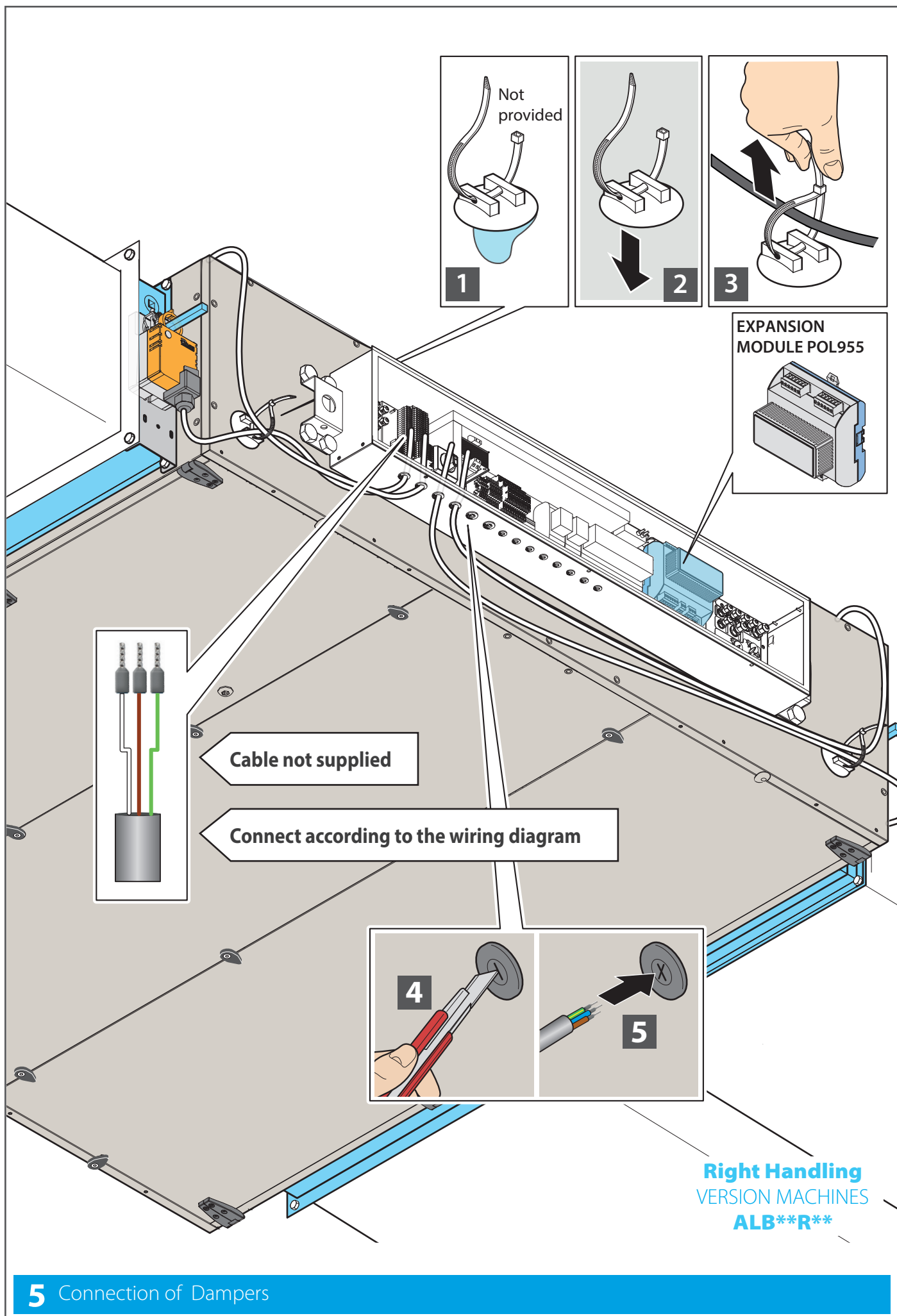


3 Installation of damper

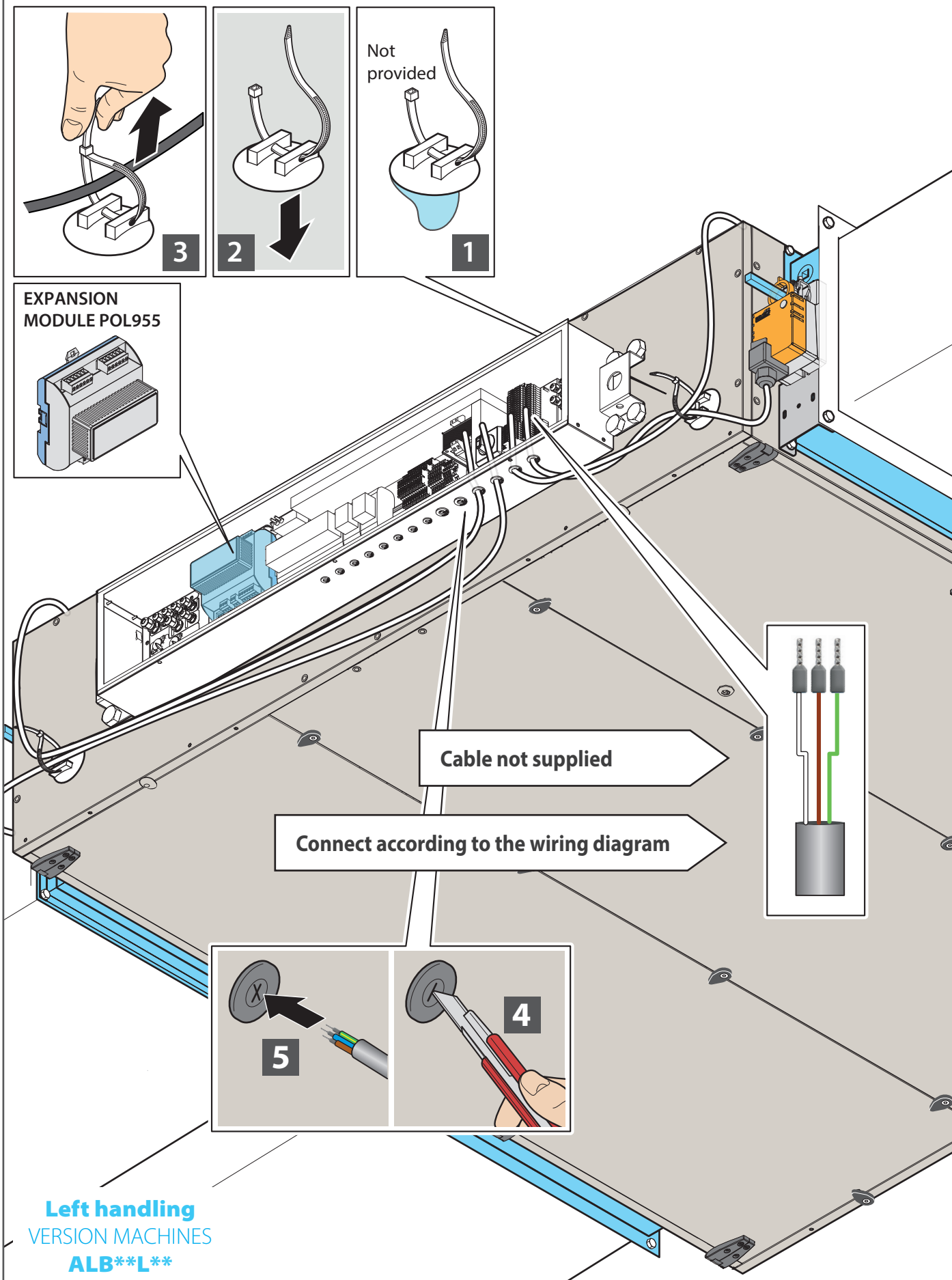
4 Connection of Dampers

Compact L





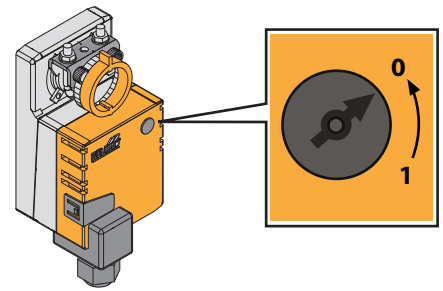
5 Connection of Dampers



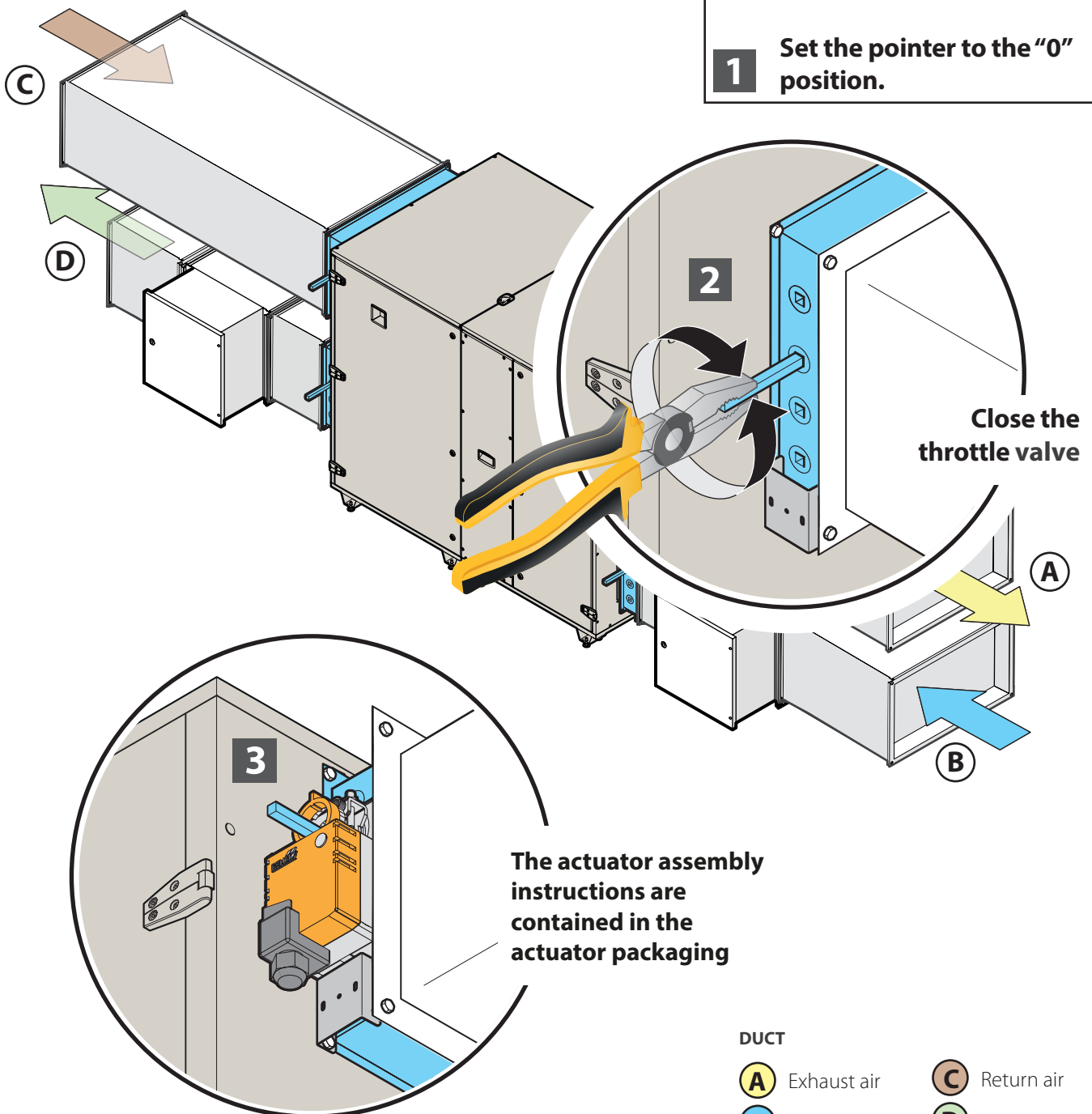
5 Connection of external Dampers

Compact R

AUE00ASDA spring return actuator



1 Set the pointer to the "0" position.



DUCT

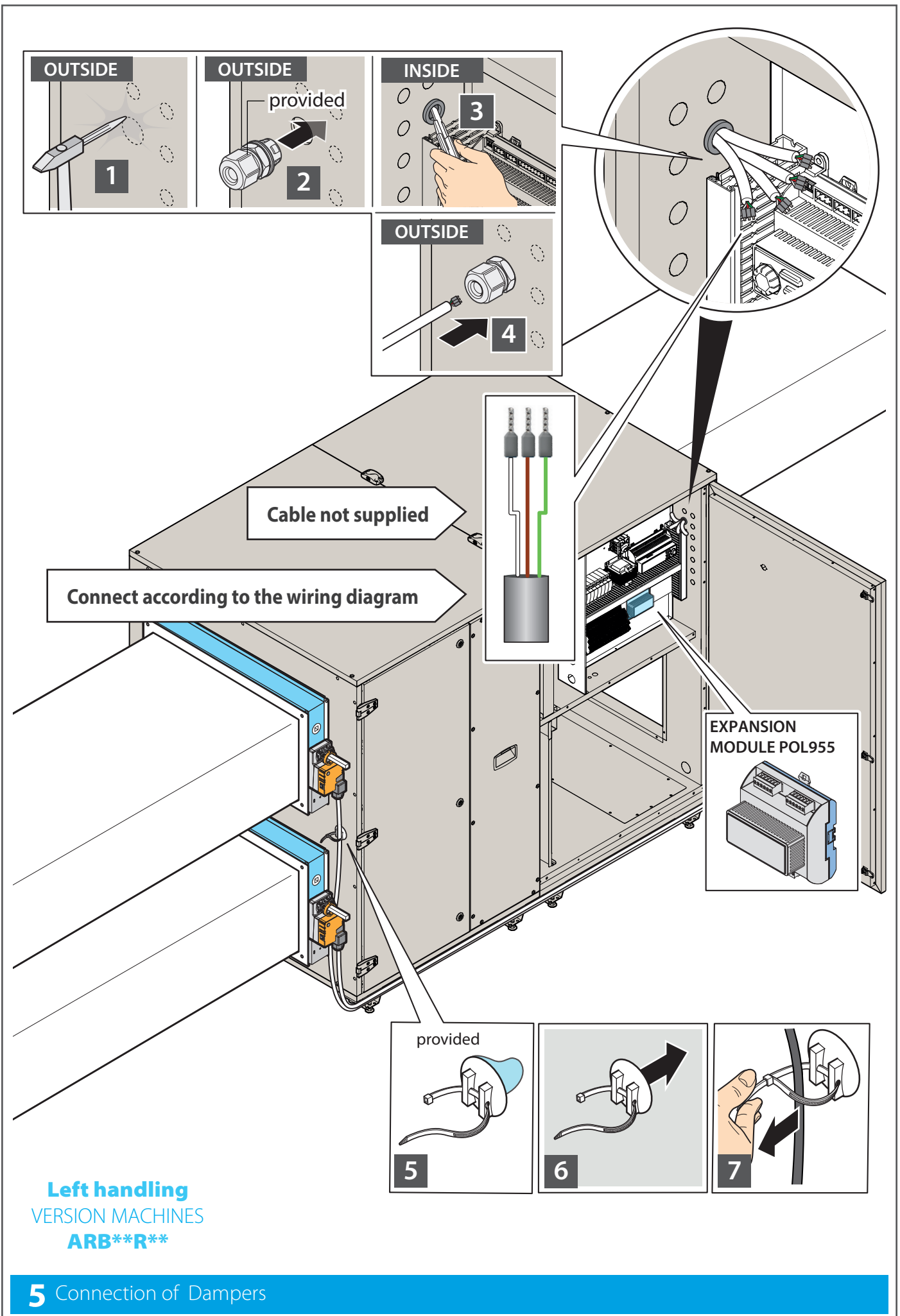
(A) Exhaust air

(B) Fresh air

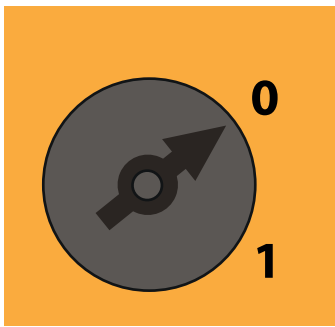
(C) Return air

(D) Supply air

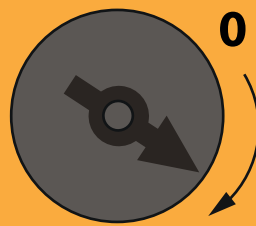
4 Installation of actuator



5 Testing procedure | ON/OFF damper.

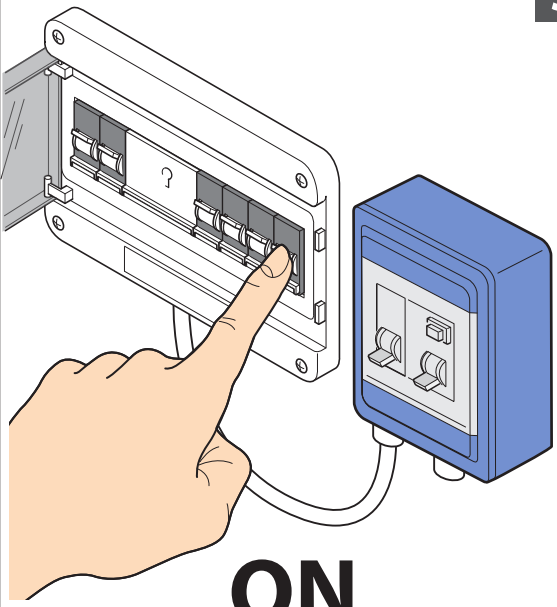


1



2

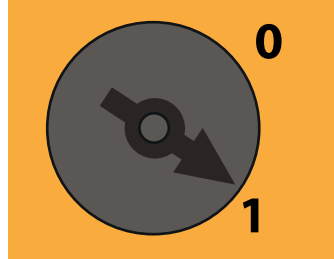
Set the pointer to the "1" position



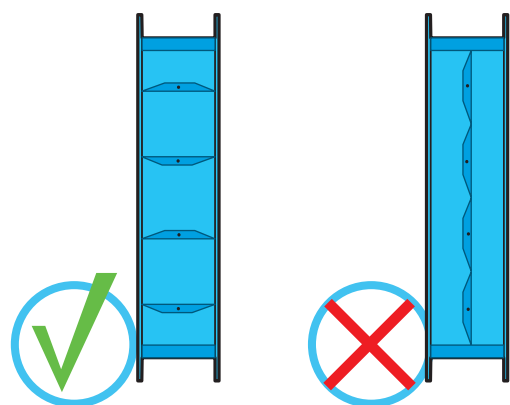
3

ON

Switch on the machine



4





WARNING! Internal parts of the machine under voltage

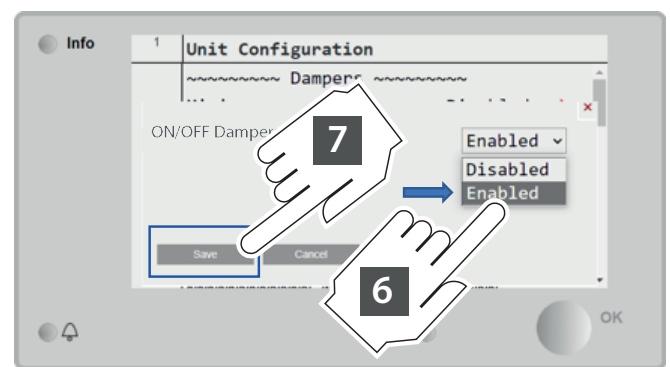
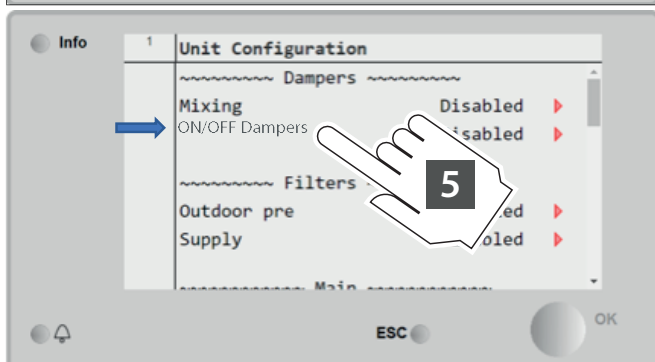
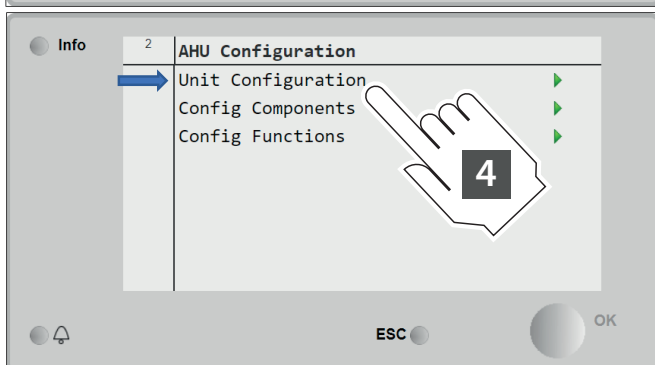
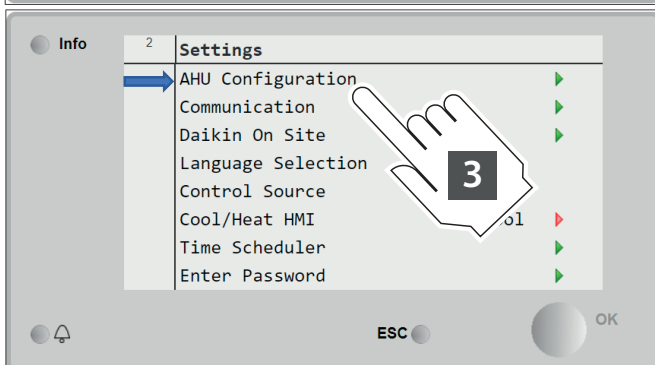
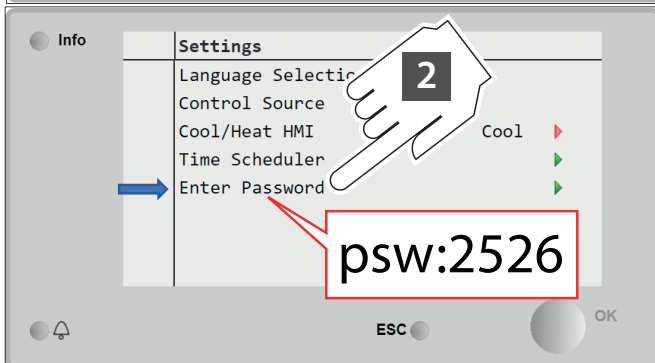
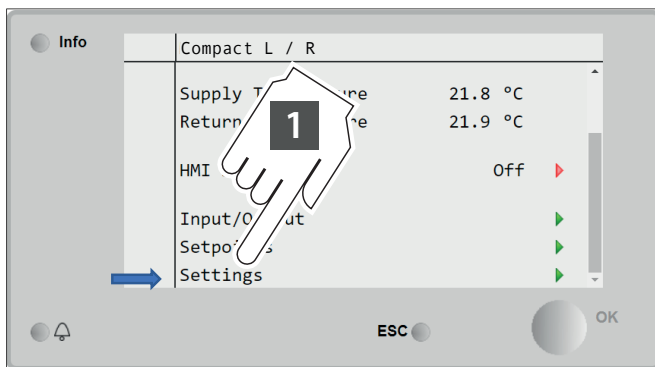
Check if the flap moves until full open position. If not, check the actuator's wiring connection

6 Testing procedure

15

Software setup

Commissioning module ALC00895A is required.



Note

Note

Note

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