Installation manual

Electric Coil
Compact L / R

D-EIMAH00019-07_04EN

Model	Material name	Page reference
Compact L Pro	ALD02HEFA	page3
	ALD03HEFA	
	ALD05HEFA	
	ALD07HEFA	
	ALD02HESA	
	ALD03HESA	
	ALD05HESA	
	ALD07HESA	

Model	Material name	Page reference
Compact L Smart	ALD02HEFB	page3
	ALD03HEFB	
	ALD05HEFB	
	ALD07HEFB	

Model	Material name	Page reference
Compact R	ARD01HEUAR / ARD01HEUAL	page3
	ARD02HEUAR / ARD02HEUAL	
	ARD03HEUAR / ARD03HEUAL	
	ARD04HEUAR / ARD04HEUAL	
	ARD05HEUAR / ARD05HEUAL	
	ARD06HEUAR / ARD06HEUAL	
	ARD07HEUAR / ARD07HEUAL	

› Compact L
› Compact R

REV	**04**
DATE	**August 2026**
REPLACES	**D-EIMAH00019-07_03EN**

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

Compact L PRO

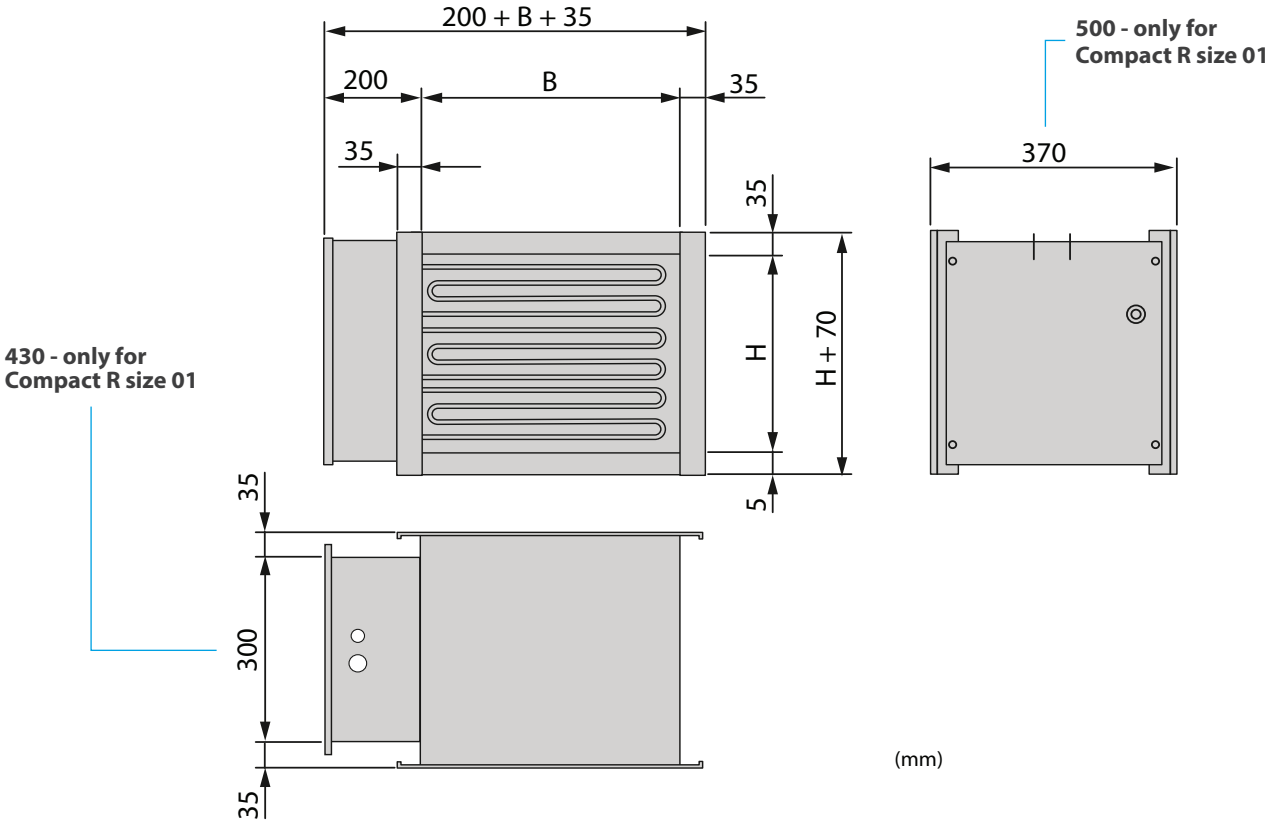
Size	Material name	Load (kW)	B (mm)	H (mm)	Weight (kg)	Supply voltage
02	ALD02HEFA	1,5	250	150	7,5	1-phase; 230V
	ALD02HESA	2,1	250	150	7,5	1-phase; 230V
03	ALD03HEFA	3,0	400	200	10	1-phase; 230V
	ALD03HESA	4,0	400	200	10	3-phase; 400V
04-05	ALD05HEFA	7,5	500	300	14	3-phase; 400V
	ALD05HESA	10	500	300	18	3-phase; 400V
06-07	ALD07HEFA	15	700	400	21	3-phase; 400V
	ALD07HESA	15	700	400	21	3-phase; 400V

Compact L SMART

Size	Material name	Load (kW)	B (mm)	H (mm)	Weight (kg)	Supply voltage
02	ALD02HEFB	1,5	250	150	7,5	1-phase; 230V
03	ALD03HEFB	3,0	400	200	10	1-phase; 230V
04-05	ALD05HEFB	7,5	500	300	18	3-phase; 400V
06-07	ALD07HEFB	15	700	400	21	3-phase; 400V

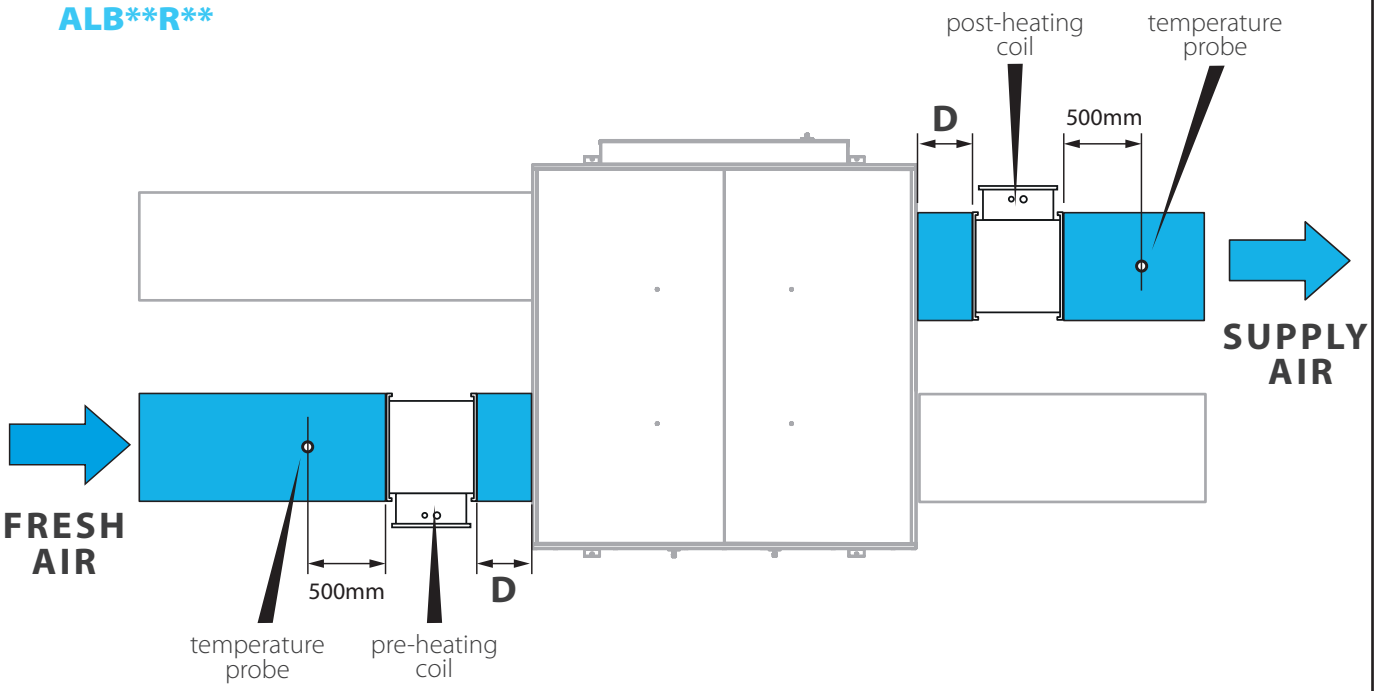
Compact R

Size	Material name	Load (kW)	B (mm)	H (mm)	Weight (kg)	Supply voltage
01	ARD01HEUA	4,0	400	200	19	1-phase; 230V
02	ARD02HEUA	6,0	500	250	18	3-phase; 400V
03	ARD03HEUA	7,0	500	300	20	3-phase; 400V
04	ARD04HEUA	11	600	300	22	3-phase; 400V
05	ARD05HEUA	15	700	400	26	3-phase; 400V
06	ARD06HEUA	20	800	400	30	3-phase; 400V
07	ARD07HEUA	25	1000	500	35	3-phase; 400V



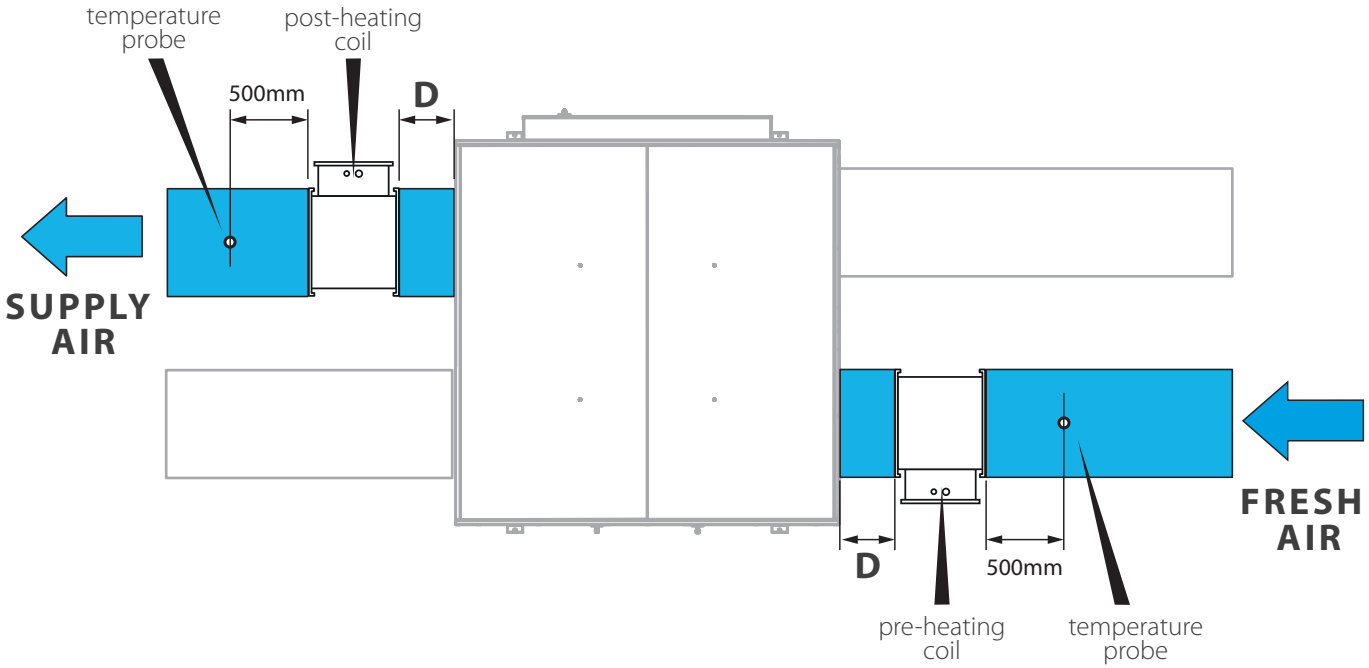
3 Installation

Right Handling
VERSION Unit
ALBR****



Left handling
VERSION Unit
ALBL****

D = suggested distance between coil and unit: at least same as diagonal dimension of duct.

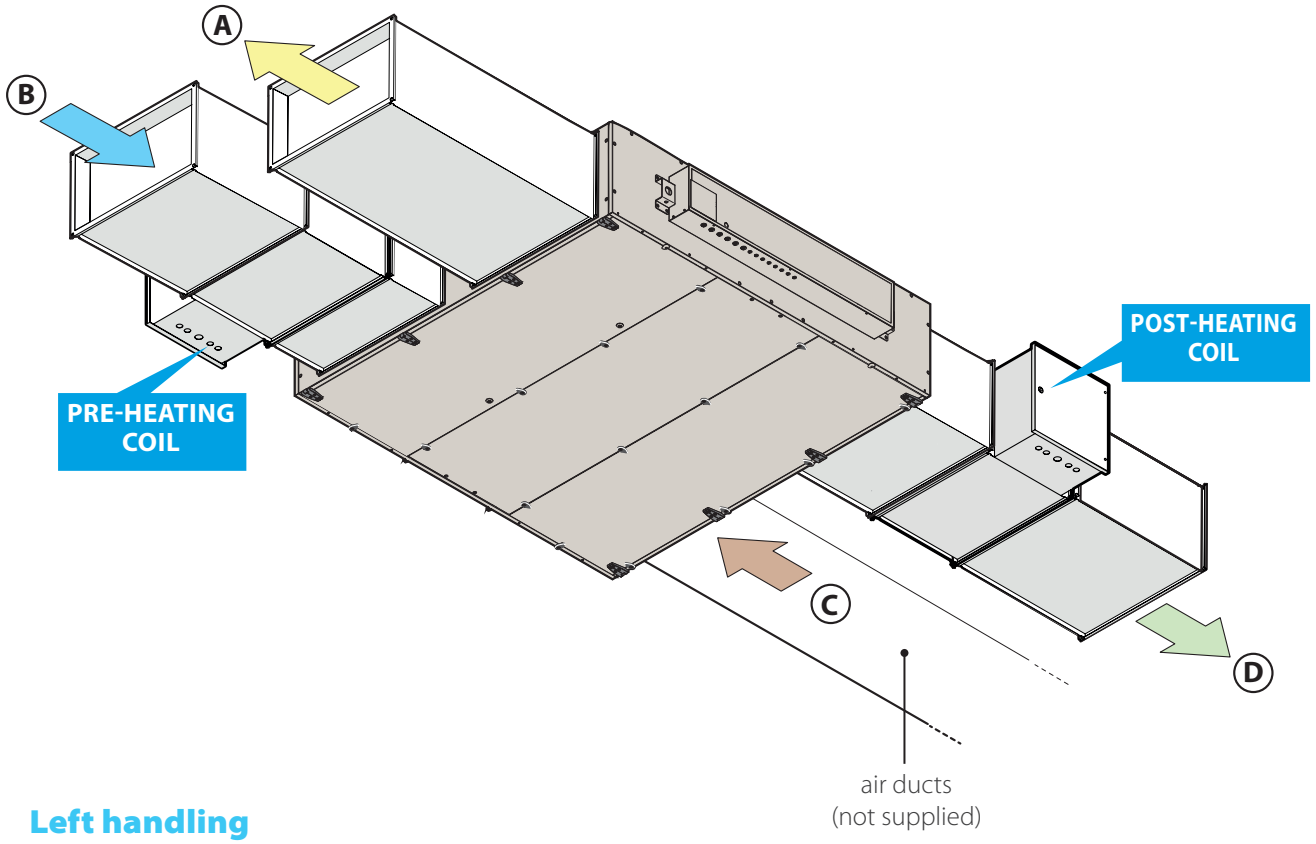


1 Compact L correct installation

Right Handling

VERSION Unit

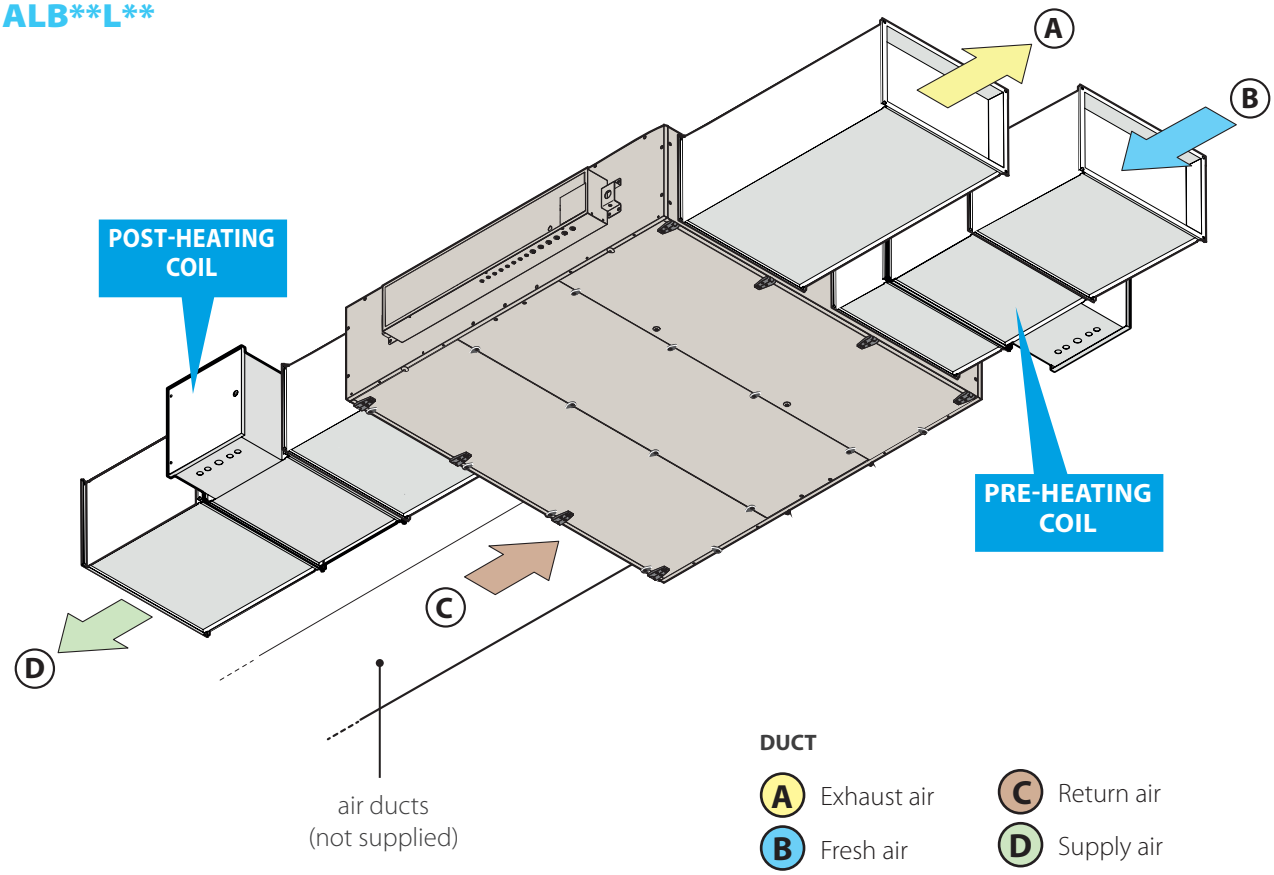
ALBR****



Left handling

VERSION Unit

ALBL****

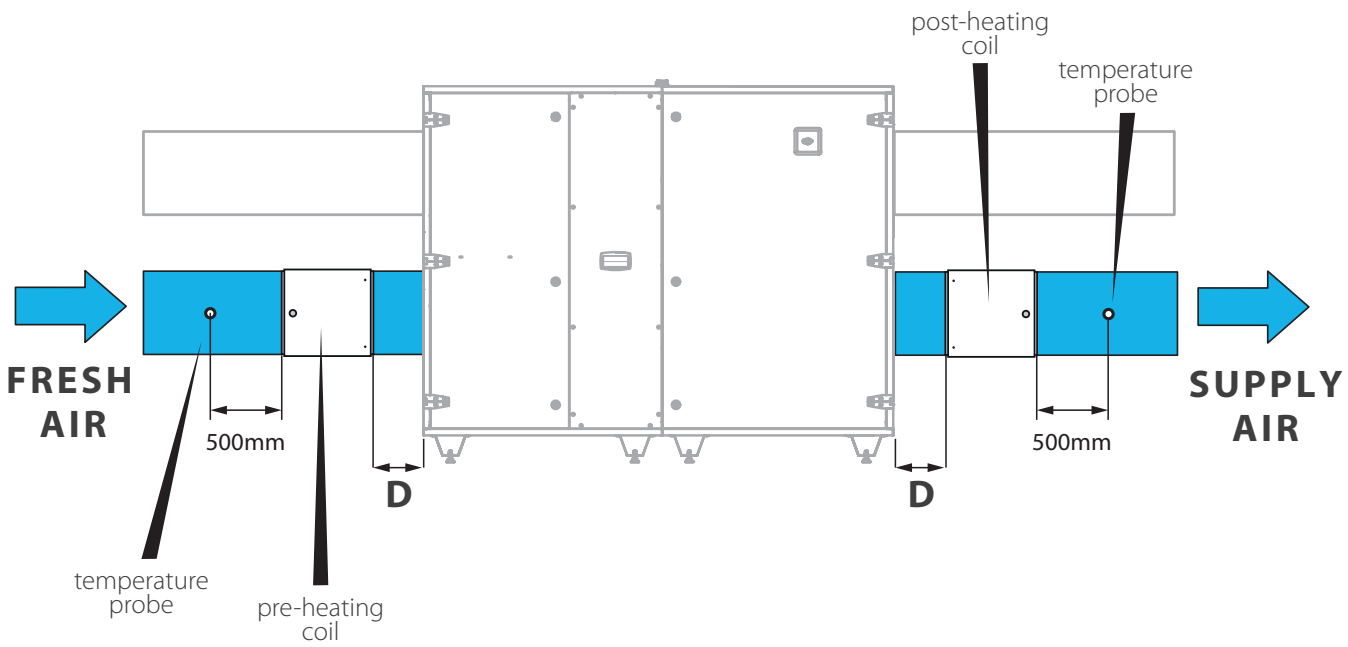


2 Compact L correct installation

Right Handling

VERSION Unit

ARBR****

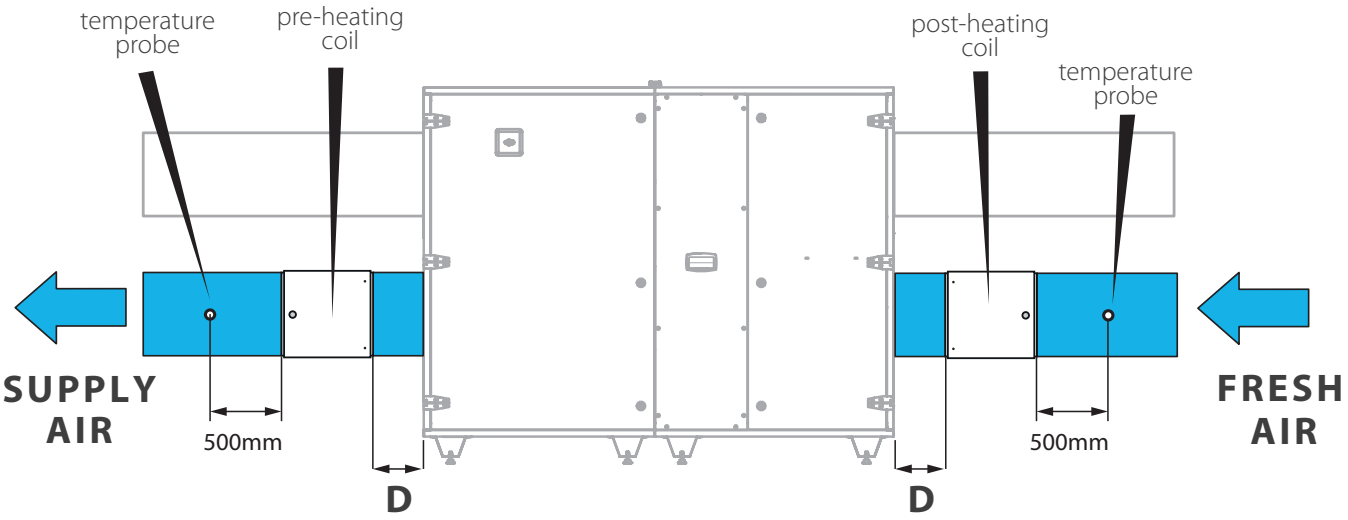


D = suggested distance between coil and unit: at least same as diagonal dimension of duct.

Left Handling

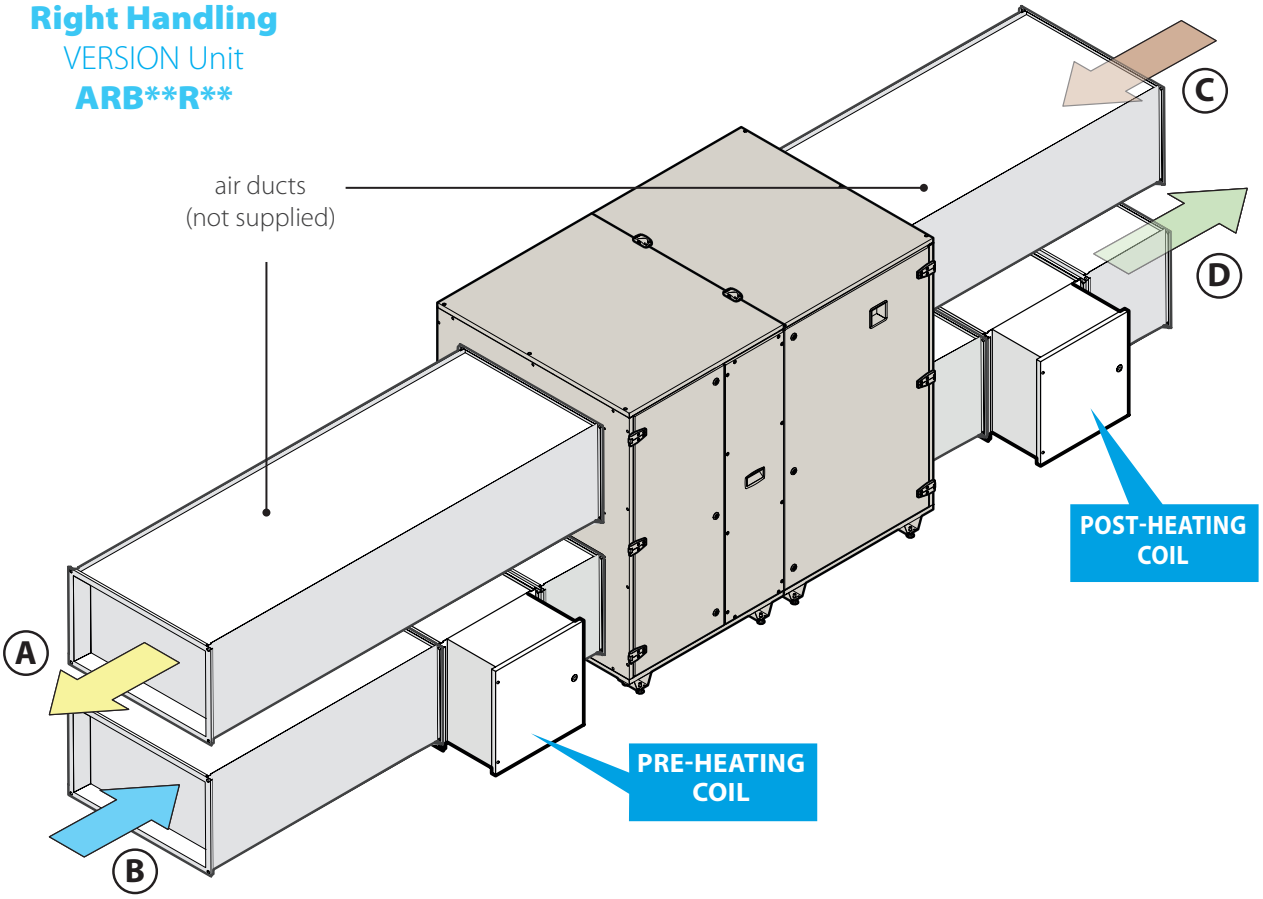
VERSION Unit

ARBL****

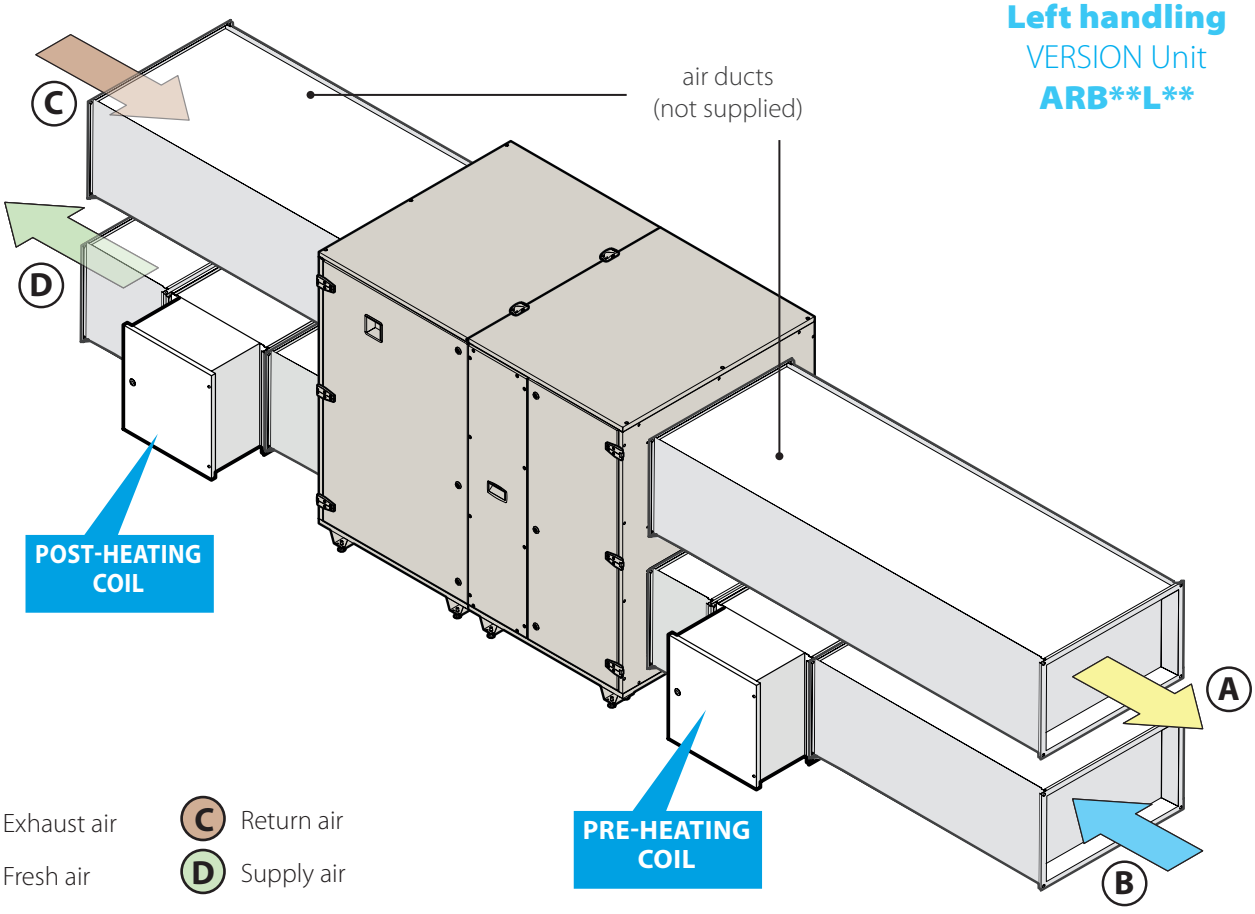


3 Compact R correct installation

Right Handling
VERSION Unit
ARBR****



Left handling
VERSION Unit
ARBL****



DUCT

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

4 Compact R correct installation

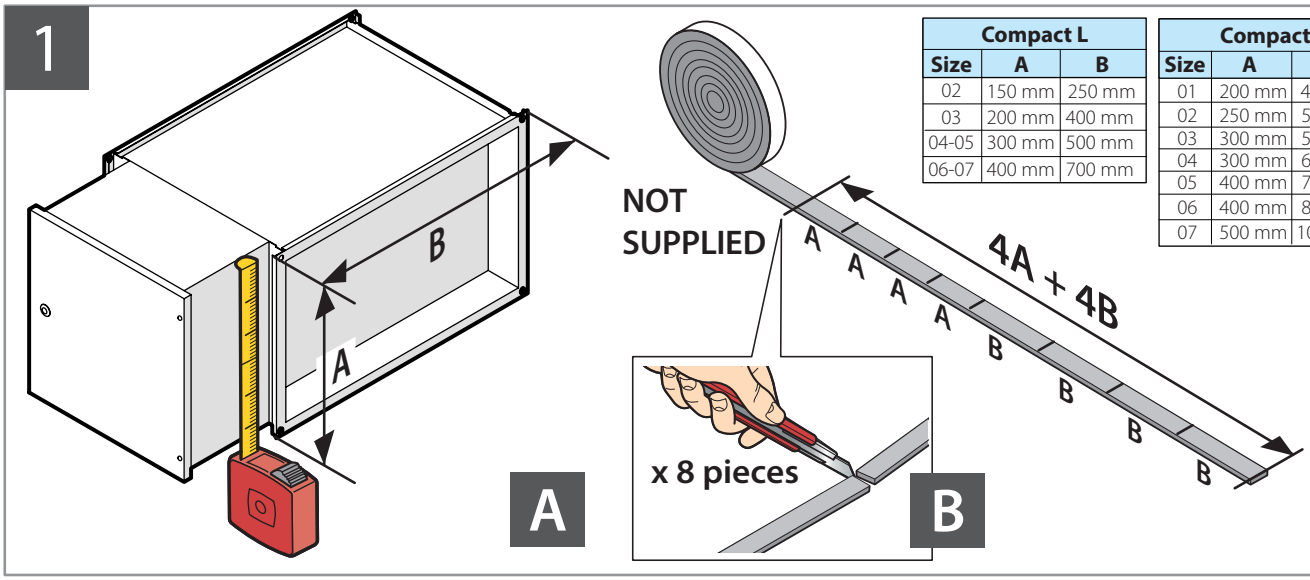
Compact L / R



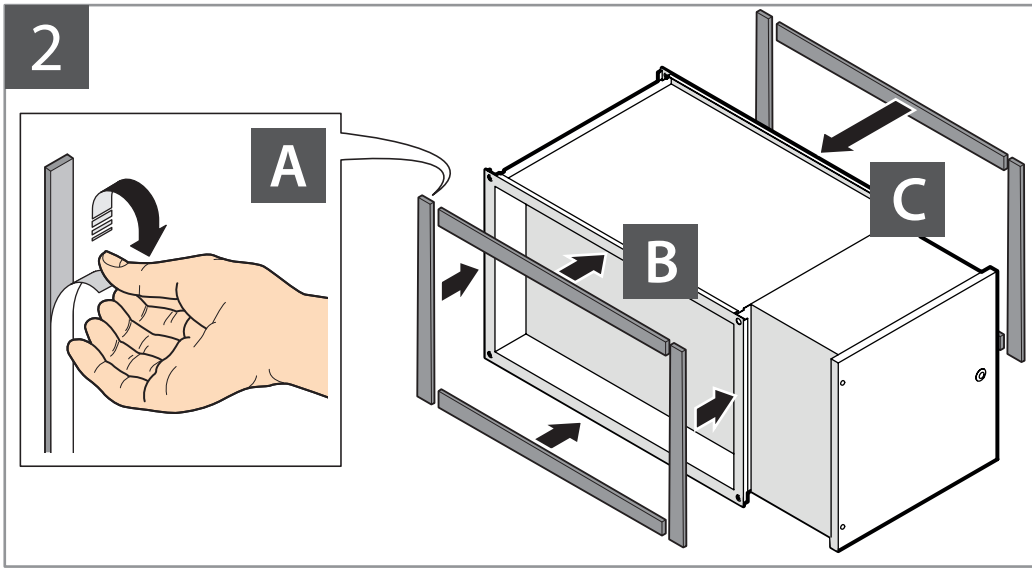
1

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

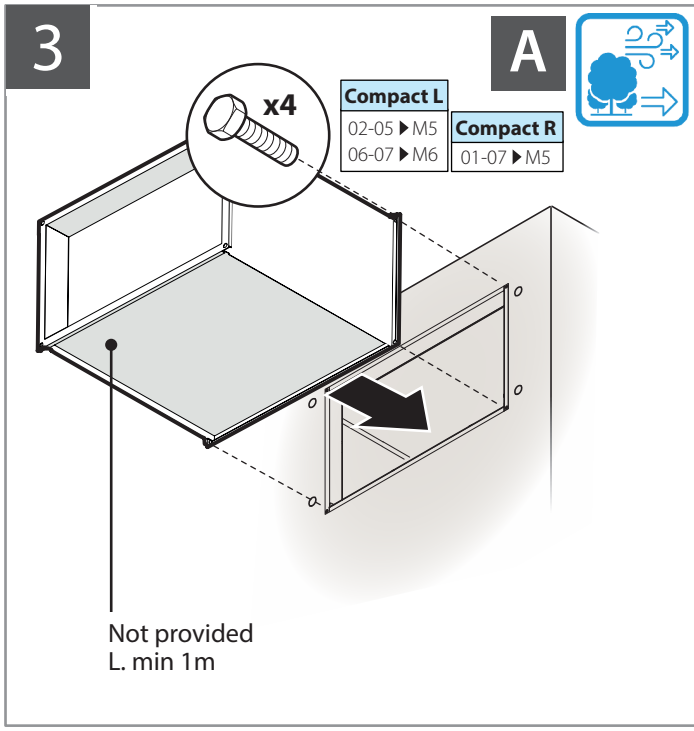
Compact R		
Size	A	B
01	200 mm	400 mm
02	250 mm	500 mm
03	300 mm	500 mm
04	300 mm	600 mm
05	400 mm	700 mm
06	400 mm	800 mm
07	500 mm	1000 mm

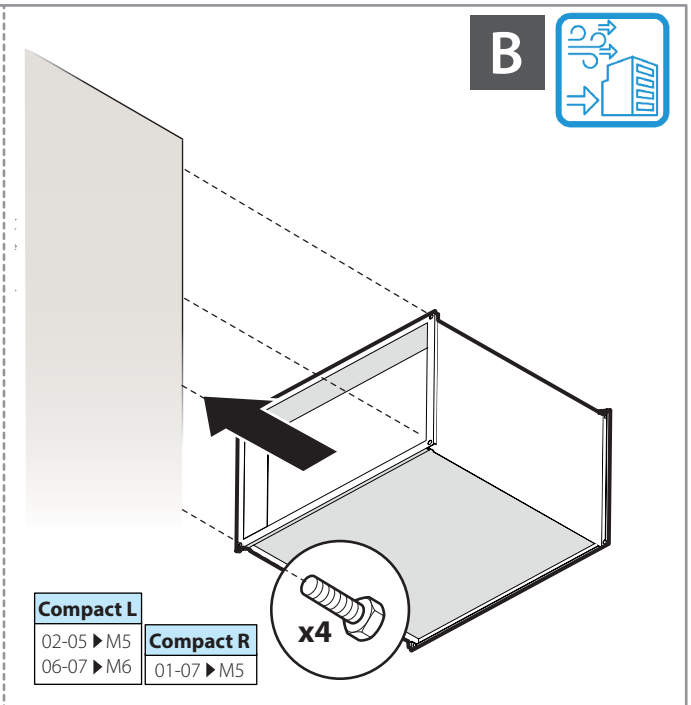


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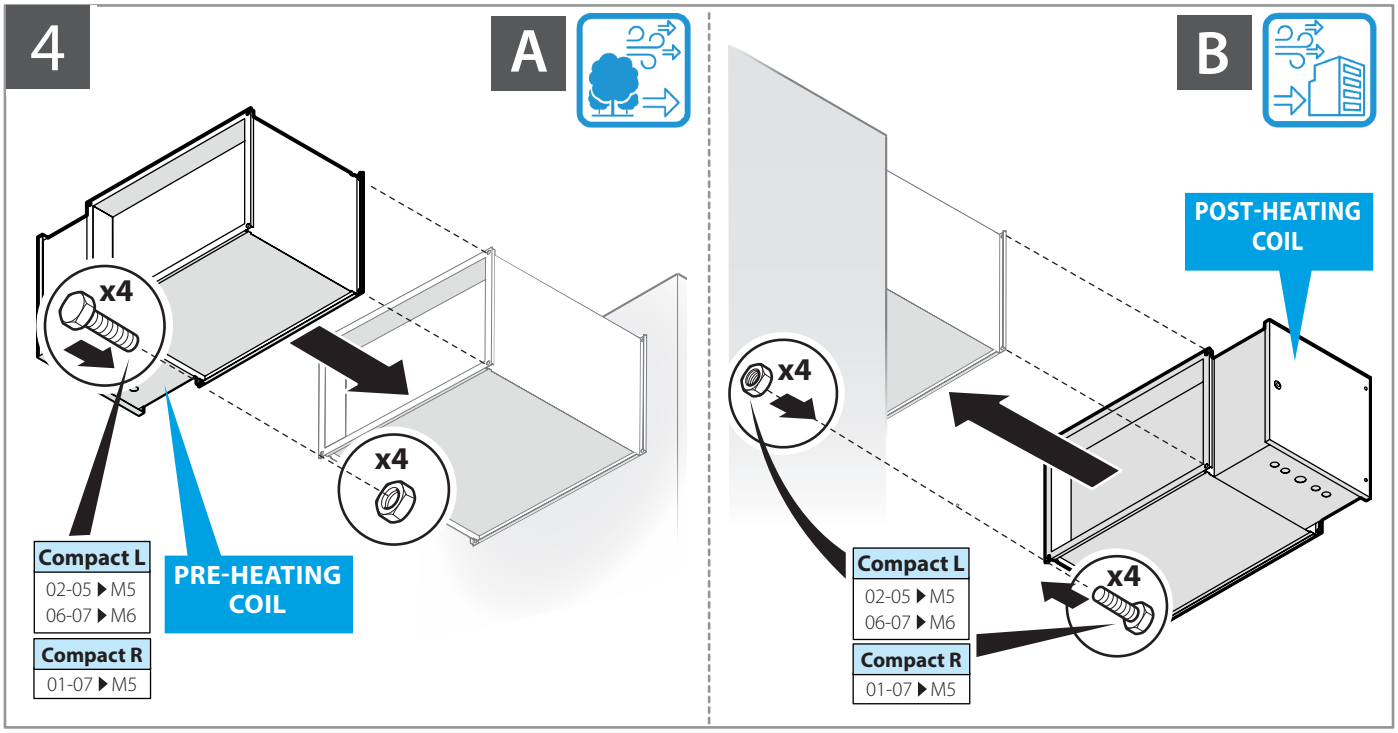


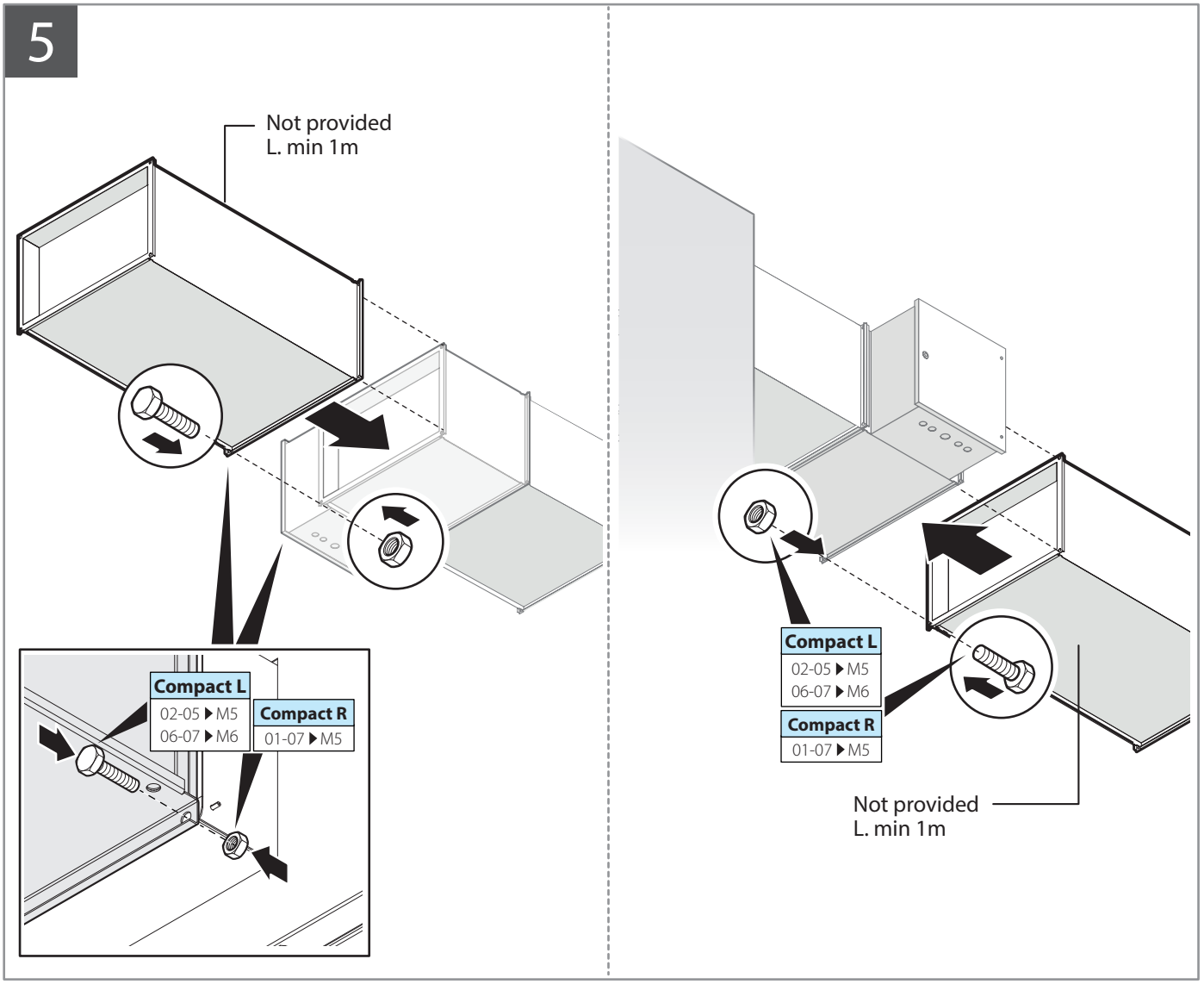
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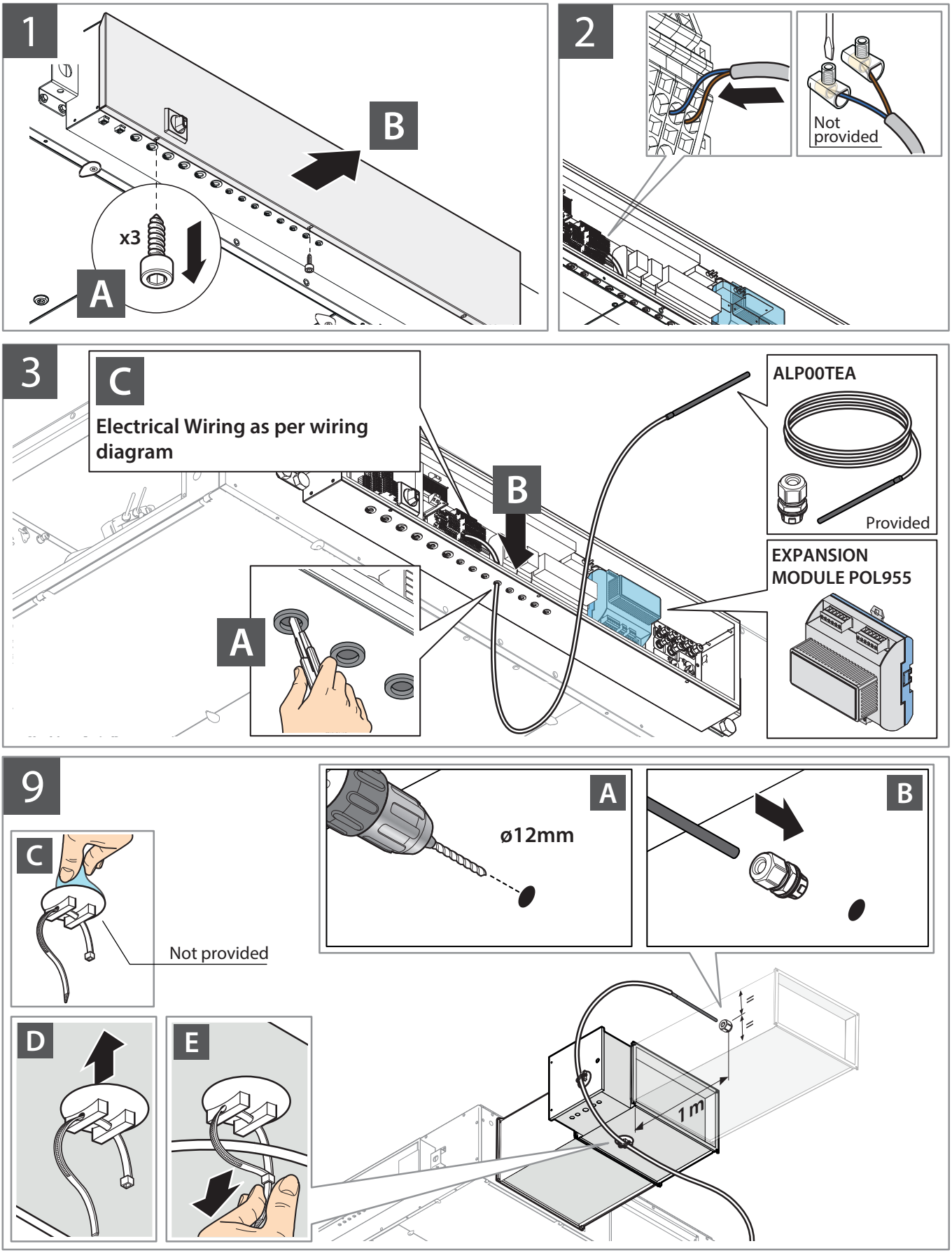


Compact L / R

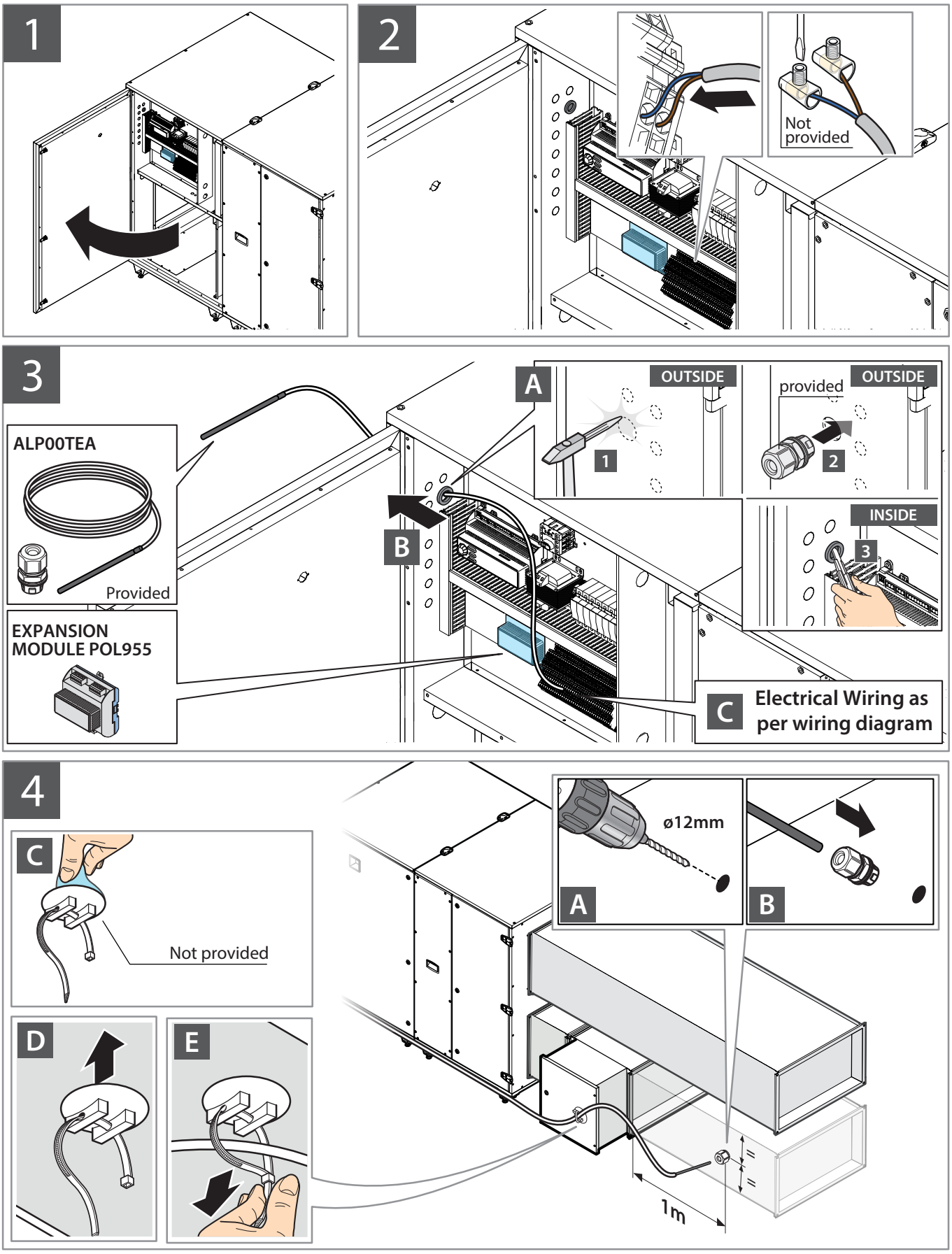

4
A
x4
x4
Compact L
02-05 ▶ M5
06-07 ▶ M6
Compact R
01-07 ▶ M5
PRE-HEATING COIL
B
POST-HEATING COIL
x4
x4
Compact L
02-05 ▶ M5
06-07 ▶ M6
Compact R
01-07 ▶ M5


5
Not provided
L. min 1m
Compact L
02-05 ▶ M5
06-07 ▶ M6
Compact R
01-07 ▶ M5
Compact L
02-05 ▶ M5
06-07 ▶ M6
Compact R
01-07 ▶ M5
Not provided
L. min 1m

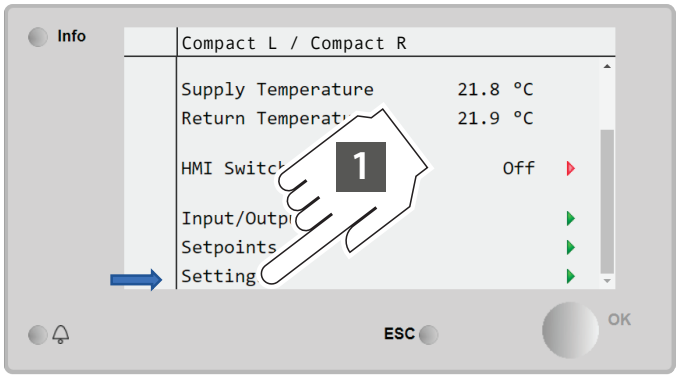
Compact L Pro

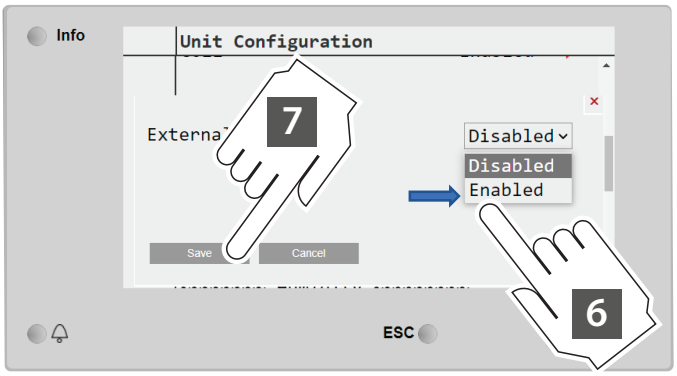


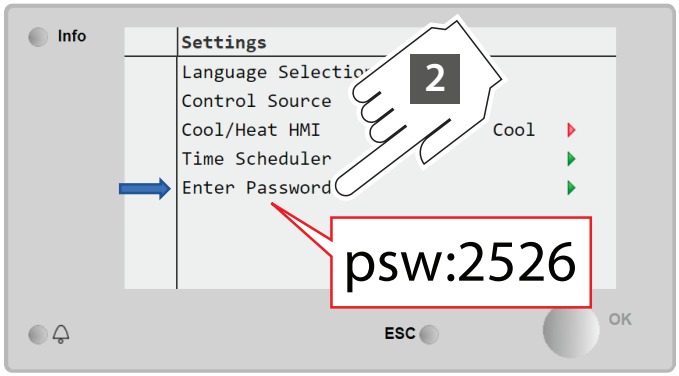
Compact R

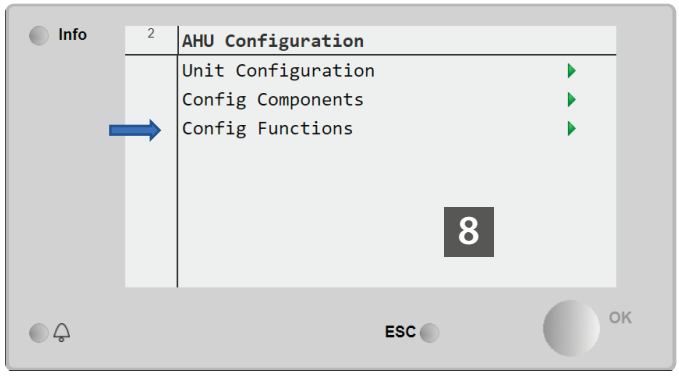

1
2
Not provided
3
ALP00TEA
Provided
EXPANSION MODULE POL955
A
OUTSIDE
1
provided
OUTSIDE
2
INSIDE
3
B
C
Electrical Wiring as per wiring diagram
4
C
Not provided
D
E
ø12mm
A
B
1m

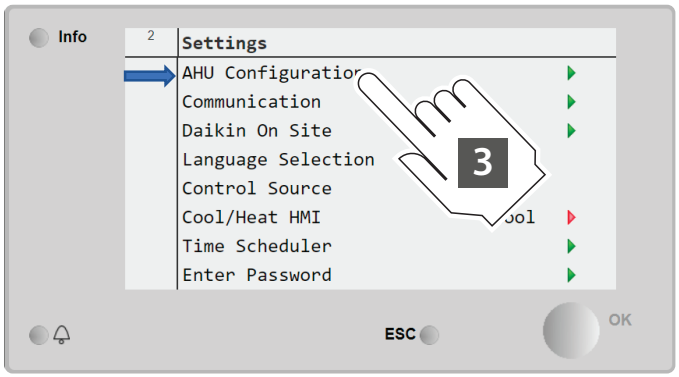
Software setup Compact L PRO / Compact R (PRE HEATING)

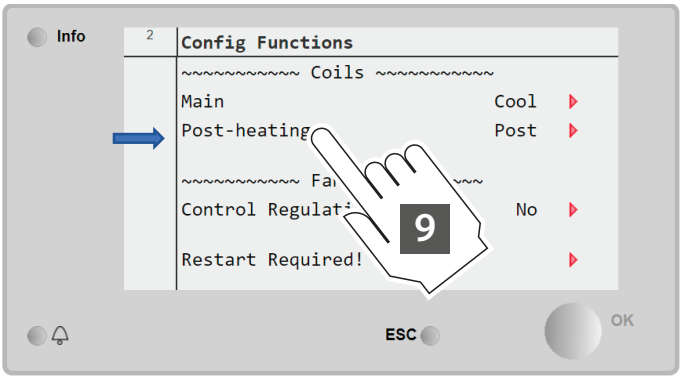


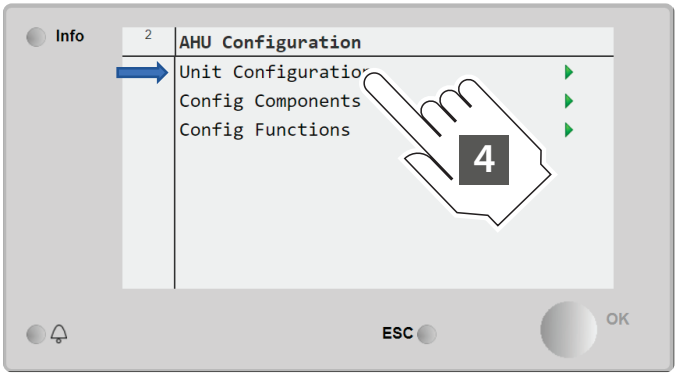


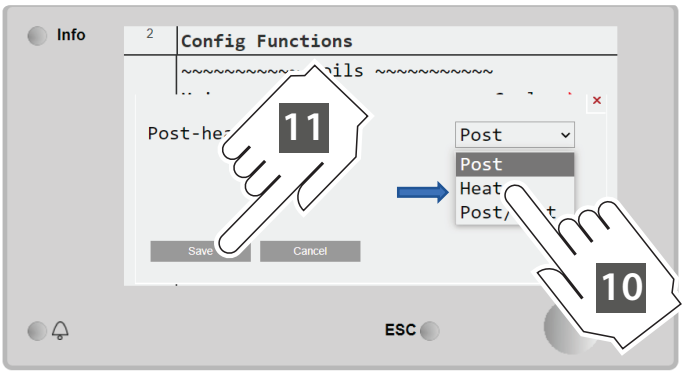


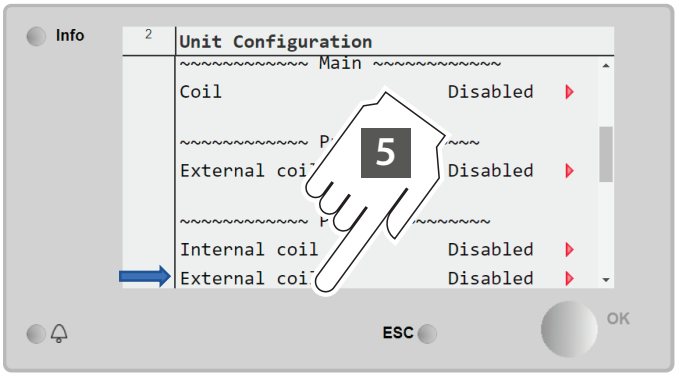


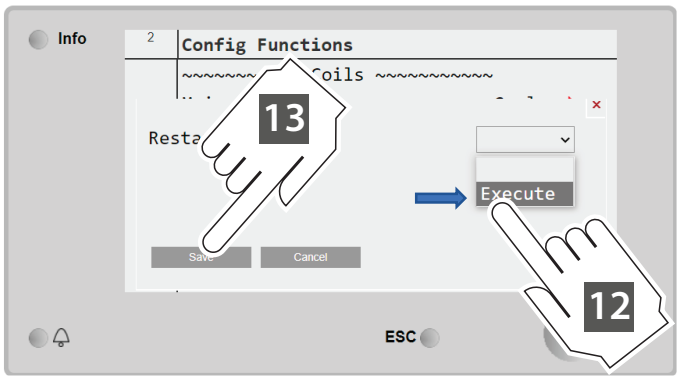




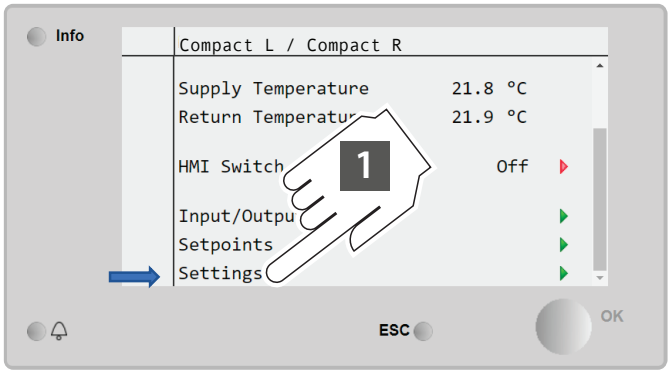


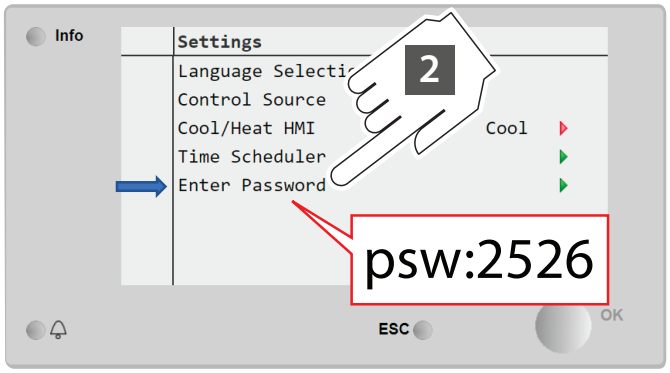


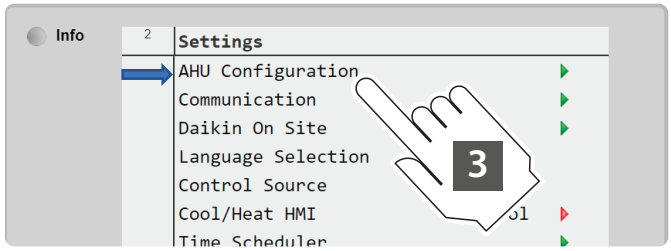


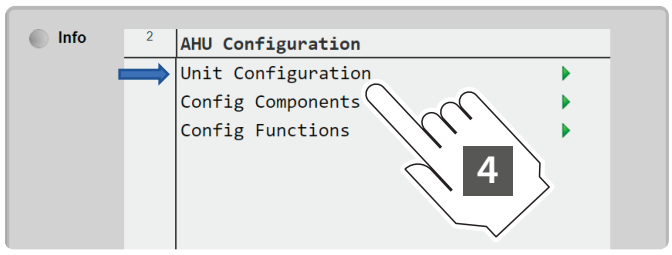


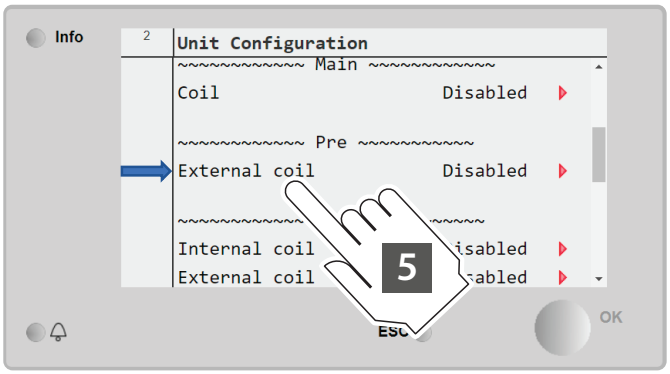
Software setup Compact L PRO / Compact R (POST HEATING)

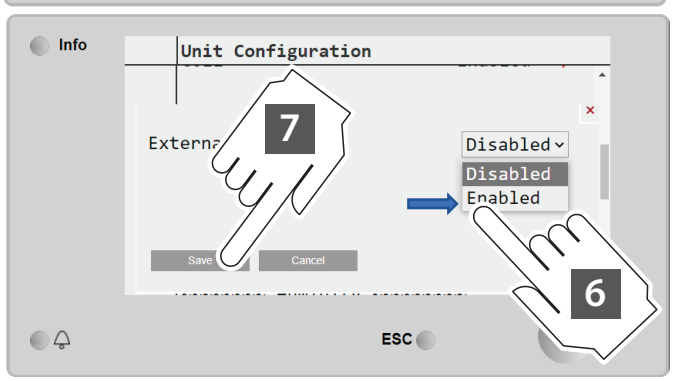


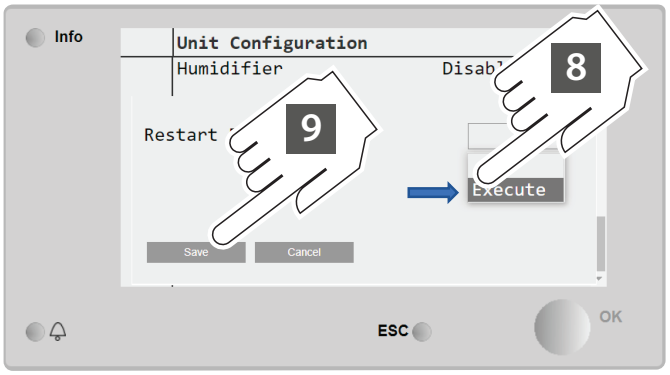


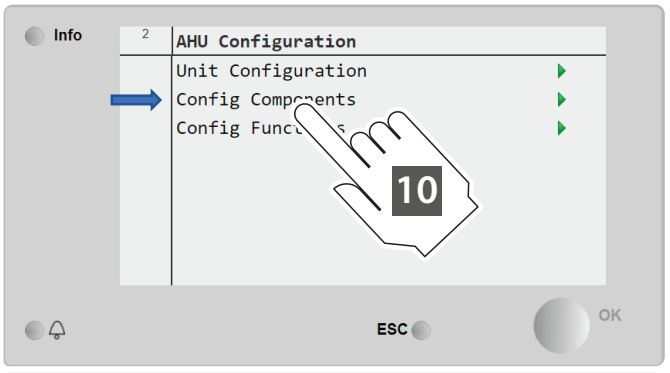


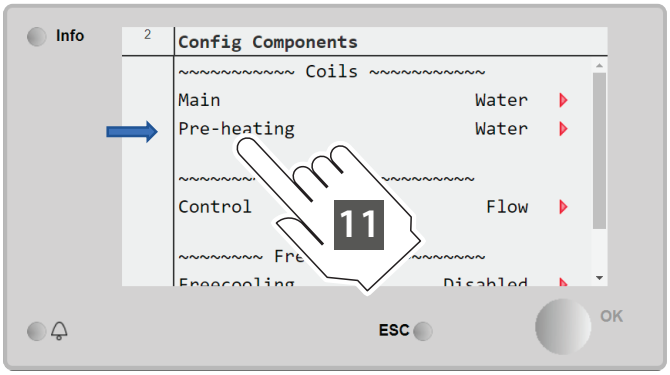


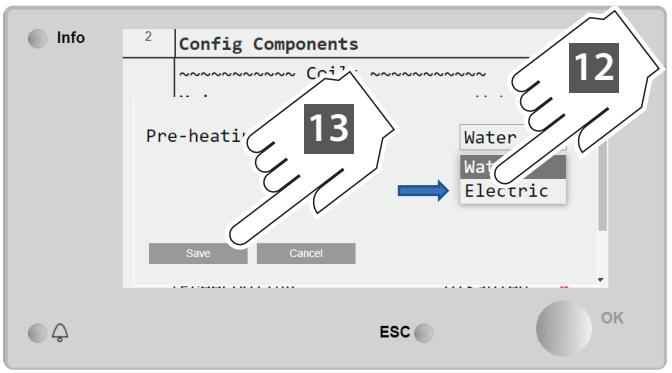


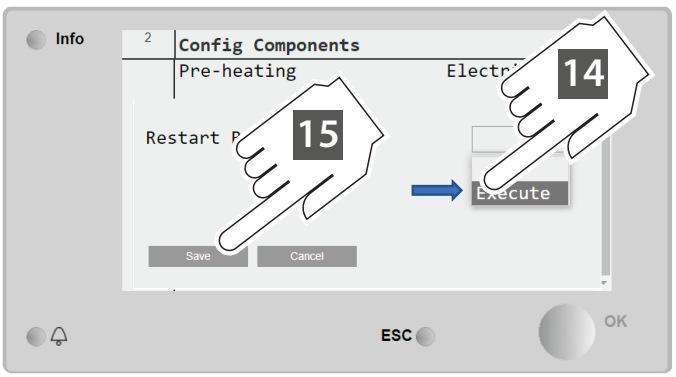




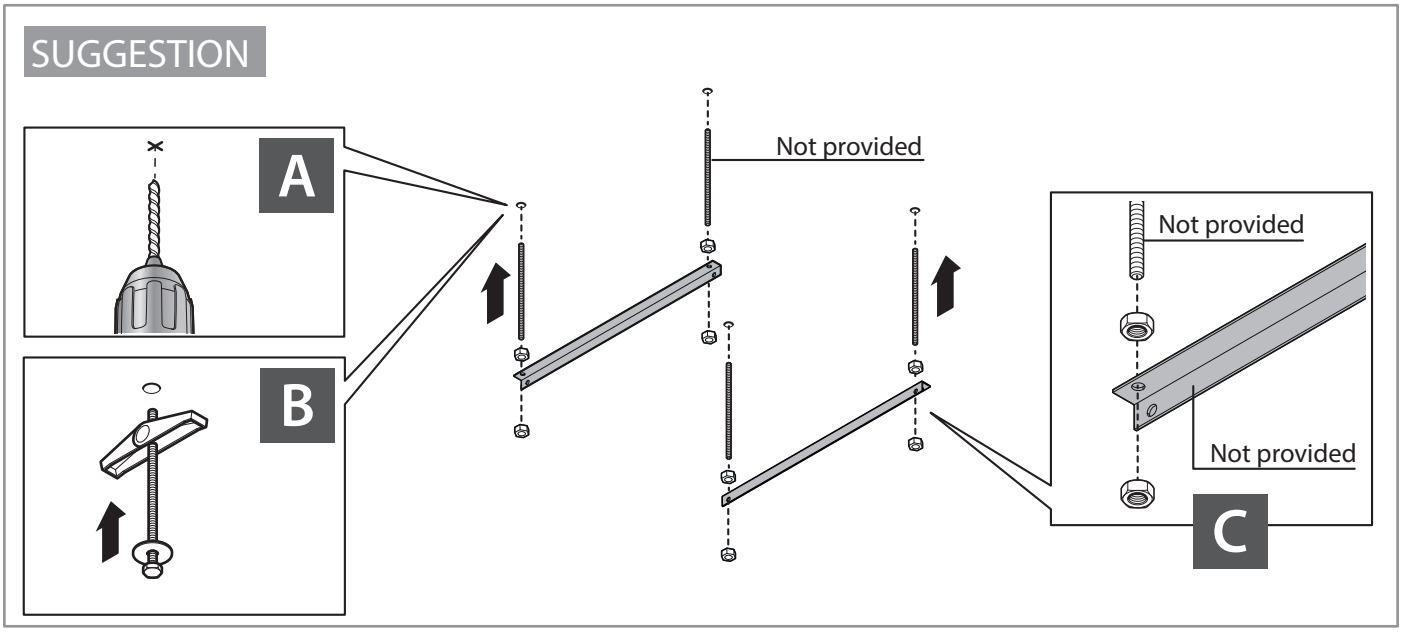


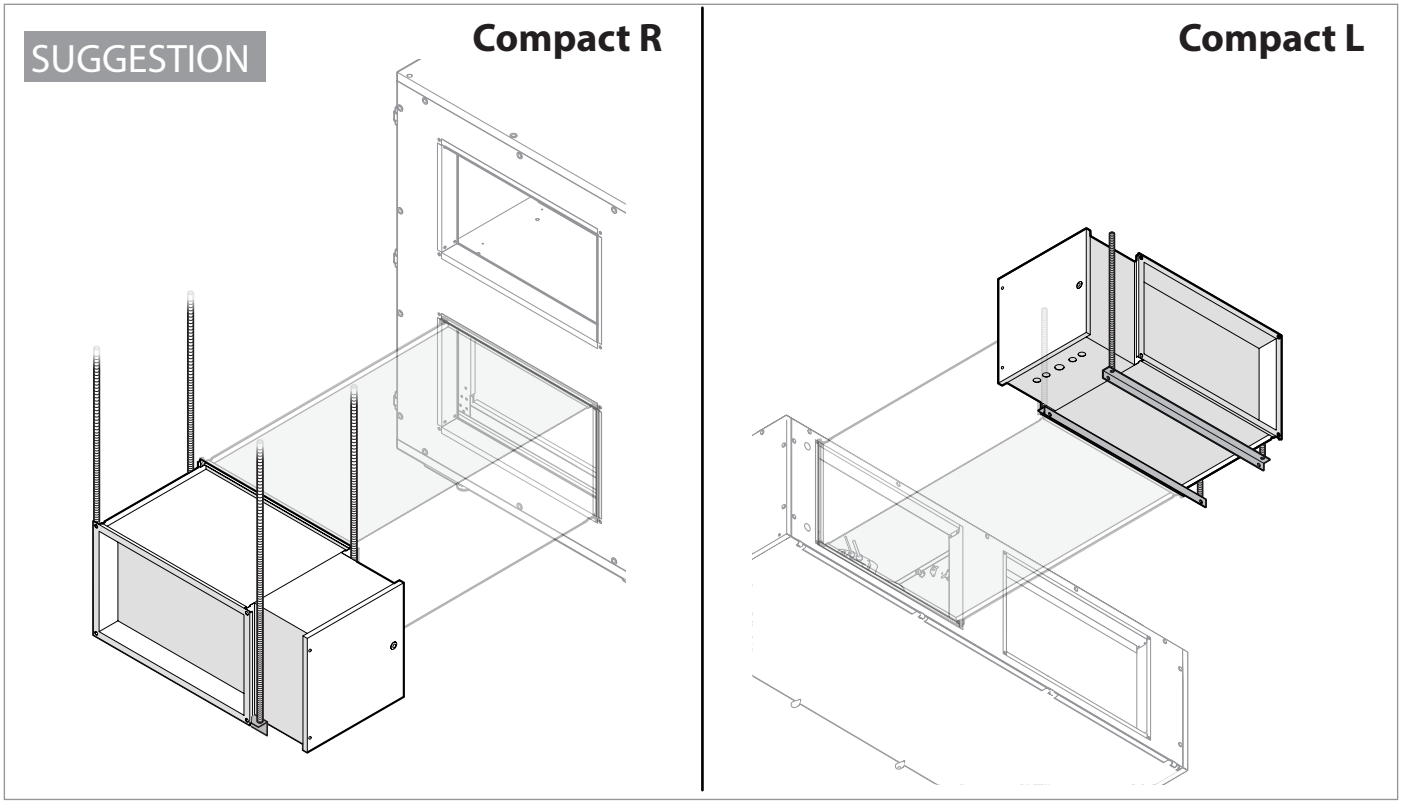






Compact L / Compact L





Note

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