

*Air Handling Systems*  
Sistemi Trattamento Aria



## MODUL AIR

*Duct distribution system for air handling units*

Sistema di distribuzione canalizzato per unità trattamento aria



**INSTALLATION MANUAL**  
**MANUALE INSTALLAZIONE**





## SAFETY WARNINGS - AVVERTENZE PER LA SICUREZZA

*Please, read this manual before installation and/or use of the equipment and keep it in an accessible place.*

*This equipment is part of complex installation; the designer's responsibility has to draw up the thermal diagram and statically verify the supporting structures.*

*The manufacturer's technical department is available at the phone numbers listed on the back of this manual for advice or particular technical requests.*

### CAUTION

*Installation and maintenance should be performed by qualified personnel only.*

*Hydraulic systems and rooms in which the equipment is to be installed must meet the required standards regarding safety, accident and fire prevention currently in force in the country of use.*

Leggere con attenzione questo manuale prima dell'installazione e/o dell'uso dell'apparecchiatura e conservarlo in un luogo accessibile.

La presente apparecchiatura costituisce un componente che fa parte di installazioni complesse: è compito del progettista redigere lo schema termico e verificare staticamente le strutture portanti.

L'ufficio tecnico del Costruttore si rende disponibile ai numeri indicati sul retro del presente manuale per consulenze o richieste tecniche particolari.

### ATTENZIONE

L'installazione e la manutenzione vanno eseguiti solo da personale qualificato.

Gli impianti idraulici ed i locali di installazione delle apparecchiature devono rispondere alle norme di sicurezza, antinfortunistiche e antincendio in vigore nel Paese di utilizzo.



## GENERAL WARNINGS - AVVERTENZE GENERALI

- If after unpacking the packages any anomaly is noted, do not proceed with the installation and call an authorized service centre of the manufacturer.
- After installation, dispose of the packaging as required by regulations currently in force in the country of use.
- Always demand genuine parts: failure to observe this rule will invalidate the warranty.
- The manufacturer will not be held responsible under any circumstances for the following cases:
  - Where the safety regulations and safety standards outlined above are not complied with, including those in force in the country of installation.
  - Failure to follow the directions contained in this manual.
  - Damage to people, animals or property resulting from improper installation and/or misuse of products or equipment.
  - Inaccuracies or typographical or transcription errors and in this manual.
  - Furthermore, the manufacturer reserves the right to stop production at any time and to make any changes they deem necessary or useful, without the obligation of prior notice.

- Se dopo aver disimballato i colli si nota una qualsiasi anomalia, non procedere all'installazione e rivolgersi ad un Centro di Assistenza autorizzato dal Costruttore.
- Alla fine dell'installazione smaltire gli imballi secondo quanto previsto dalle normative in vigore nel Paese di utilizzo.
- Esigere solo ricambi originali: la mancata osservazione di questa norma fa decadere la garanzia.
- Il Costruttore declina ogni responsabilità nei casi seguenti:
  - Non vengano rispettate le avvertenze e le norme di sicurezza sopra indicate, comprese quelle vigenti nei paesi di installazione.
  - Mancata osservanza delle indicazioni segnalate nel presente manuale.
  - Danni a persone, animali o cose, derivanti da una errata installazione e/o uso improprio di prodotti e attrezzature.
  - Inesattezze o errori di stampa e trascrizione contenuti nel presente manuale.
  - Il Costruttore, inoltre, si riserva il diritto di cessare la produzione in qualsiasi momento e di apportare tutte le modifiche che riterrà utili o necessarie senza obbligo di preavviso.



## DISPOSAL - SMALTIMENTO



**In accordance with the provisions of the following European directives 2011/65/EU, 2012/19/EU and 2003/108/EC, regarding reducing the use of hazardous substances in electrical and electronic equipment, in addition to waste disposal.**

The symbol of the crossed-out wheeled bin as shown on the product indicates that at the end of its useful life it must be disposed of separately from other waste.

The user must therefore dispose of the above equipment at the end of its useful life at an appropriate centre for the collection of electronic and electro-technical waste, or return it to the dealer when purchasing a similar new device in terms of one to one.

Proper waste collection leading to the subsequent recycling, treatment and environmentally friendly disposal of the equipment helps to avoid possible negative effects on the environment and on health and promotes the recycling of the materials of which the equipment is made up.

Illegal disposal of the product by the user will lead to the application of penalties prescribed by current legislation in force.



**In base a quanto previsto dalle seguenti direttive europee 2011/65/UE, 2012/19/UE e 2003/108/CE, relative alla riduzione dell'uso di sostanze pericolose nelle apparecchiature elettriche ed elettroniche, nonché allo smaltimento dei rifiuti.**

Il simbolo del cassonetto barrato riportato sull'apparecchiatura indica che il prodotto alla fine della propria vita utile deve essere raccolto separatamente dagli altri rifiuti.

L'utente dovrà, pertanto, conferire l'apparecchiatura giunta a fine vita negli idonei centri di raccolta differenziata di rifiuti elettronici ed elettrotecnici, oppure riconsegnarla al rivenditore al momento dell'acquisto di una nuova apparecchiatura di tipo equivalente, in ragione di uno a uno.

L'adeguata raccolta differenziata per l'avvio successivo dell'apparecchiatura dismessa al riciclaggio, al trattamento e allo smaltimento ambientale compatibile contribuisce ad evitare possibili effetti negativi sull'ambiente e sulla salute e favorisce il riciclo dei materiali di cui è composta l'apparecchiatura.

Lo smaltimento abusivo del prodotto da parte dell'utente comporta l'applicazione delle sanzioni previste dalla vigente normativa in materia.



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## PRELIMINARY OPERATIONS - OPERAZIONI PRELIMINARI

### TESTING, TRANSPORT AND UNPACKAGING

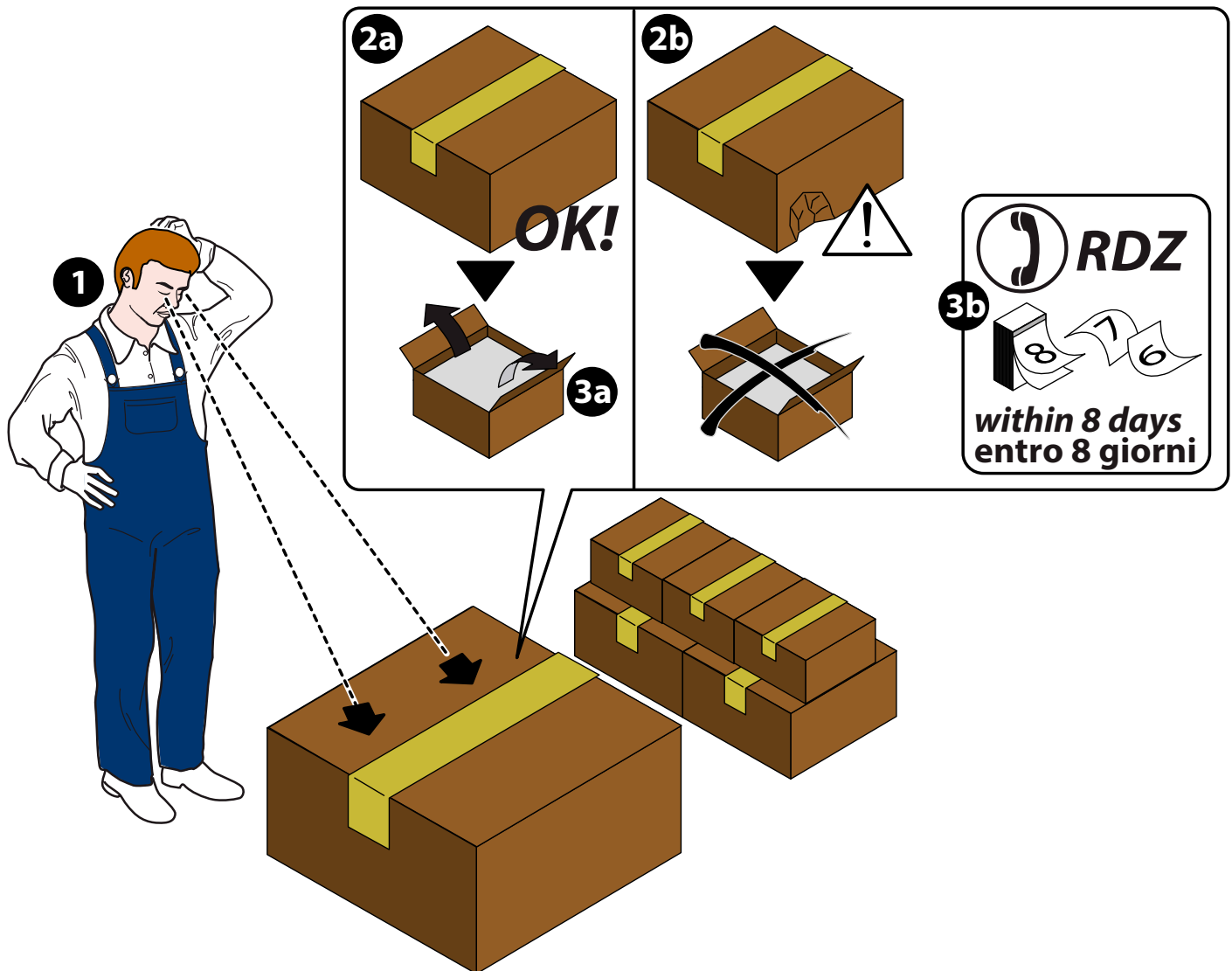
Upon receipt, check immediately that the packaging is intact: the machine has left the factory in perfect working order and any damage must be notified to the carrier immediately and noted on the Delivery Sheet before it is countersigned.

Within 8 days, the customer must notify the manufacturer of the extent and type of the damage noted, making a written report: always take note of the serial number which can be found on the plate affixed to the machine.

### ISPEZIONE, TRASPORTO E DISIMBALLO

All'atto del ricevimento verificare immediatamente l'integrità dell'imballo: la macchina ha lasciato la fabbrica in perfetto stato, eventuali danni dovranno essere immediatamente contestati al trasportatore ed annotati sul Foglio di Consegna prima di controfirmarlo.

Il Cliente, entro 8 giorni, deve avvisare il Costruttore sull'entità e la tipologia dei danni rilevati compilando un rapporto scritto: riportare sempre anche il numero di matricola rilevabile dalla targhetta posta a bordo macchina.



The unit packaging must be removed with care, ensuring that the machine is not damaged.

The materials which make up the packaging are different: wood, cardboard, nylon etc.

Store them separately and deliver them for disposal or, where appropriate, recycling, to the relevant companies, thus reducing the environmental impact.



L'imballo dell'unità deve essere rimosso con cura evitando di arrecare possibili danni alla macchina.

I materiali che costituiscono l'imballo sono di natura diversa: legno, cartone, nylon, ecc.

Conservarli separatamente e consegnarli per lo smaltimento o l'eventuale riciclaggio, alle aziende preposte allo scopo e ridurre così l'impatto ambientale.



## 0 DESCRIPTION OF THE SYSTEM - DESCRIZIONE DEL SISTEMA

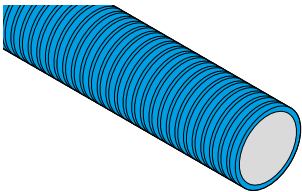

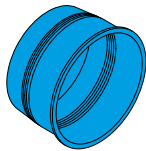
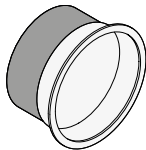
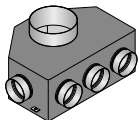
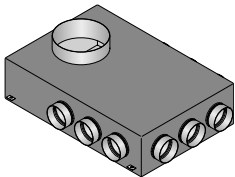
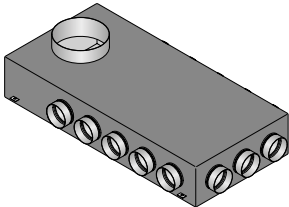


RDZ ModulAir System is made of modular and flexible components and ducts composing the distribution system for input and output air with balanced flow-rate per each room. All components are treated with antistatic and antibacterial additives in order to ensure excellent cleaning and easy maintenance according to European standards. One of the main advantages is represented by the noiseless functioning since all components are made of plastic.

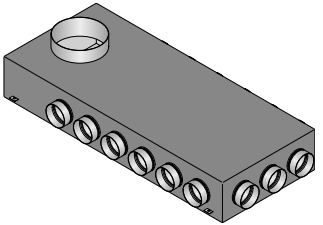
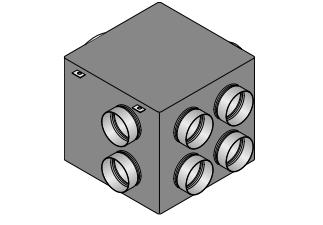
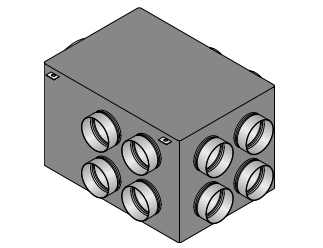
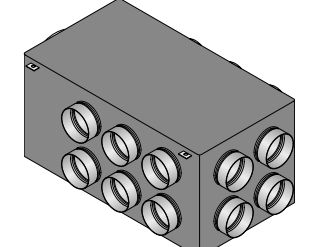
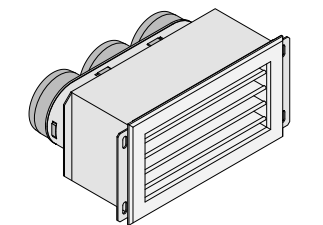
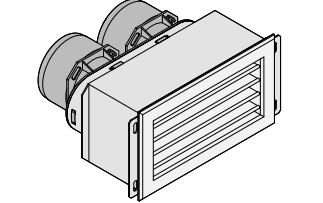
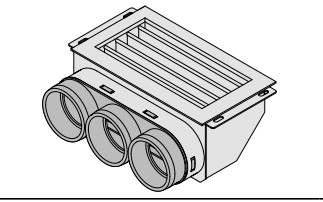
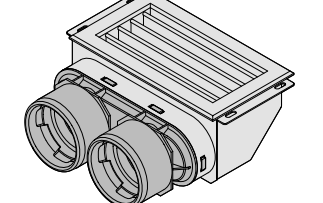
RDZ ModulAir è un sistema di distribuzione dell'aria flessibile e modulare composto da plenum e condotti semirigidi che costituiscono la rete di immissione ed espulsione dell'aria, consentendo una distribuzione perfettamente bilanciata delle portate dell'aria in ogni ambiente. Tutti i componenti sono trattati con additivi antistatici e antibatterici per garantire una perfetta pulizia e una semplice manutenzione come definito da normative europee. Uno dei vantaggi di questo sistema è la ridotta trasmissione del rumore poiché tutti i componenti a corredo sono in materiale plastico.

### 0.1 DESCRIPTION OF THE COMPONENTS - DESCRIZIONE DEI COMPONENTI

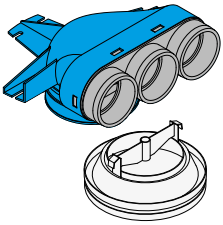
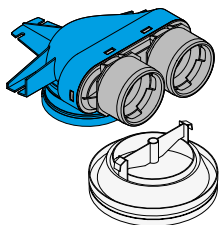
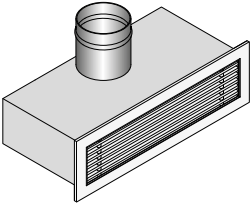
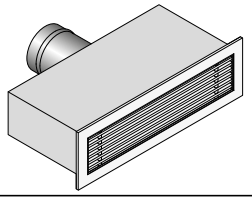
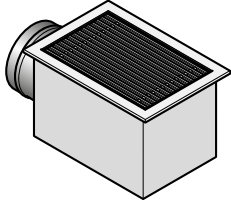
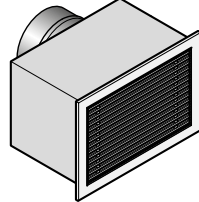

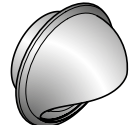

**Table A - Available components**  
**Tabella A - Componenti installabili**

	Components / Componenti	Code / Codice	Descriptions	Descrizione
1			<i>Duo duct</i>	Tube Duo
		<b>7045001</b>	Ø 63 mm x 25m	
		<b>7045002</b>	Ø 63 mm x 50m	
		<b>7045011</b>	Ø 75 mm x 25m	
		<b>7045012</b>	Ø 75 mm x 50m	
2		<b>7045023</b>	<i>Closing plug ø 63 mm</i>	Manicotto ø 63 mm
		<b>7045123</b>	<i>Closing plug ø 75 mm</i>	Manicotto ø 75 mm
3		<b>7045020</b>	<i>Closing plug ø 63 mm</i>	Tappo ø 63 mm
4		<b>7045021</b>	<i>Closing plug ø 75 mm</i>	Tappo ø 75 mm
5		<b>7045240</b>	<i>Plenum slim with 5 outlets Ø 63 mm</i>	Plenum slim 5 uscite Ø 63 mm
6		<b>7045250</b>	<i>Plenum slim with 9 outlets Ø 63 mm</i>	Plenum slim 9 uscite Ø 63 mm
		<b>7045255</b>	<i>Plenum slim with 9 outlets Ø 75 mm</i>	Plenum slim 9 uscite Ø 75 mm
7		<b>7045265</b>	<i>Plenum slim with 13 outlets Ø 75 mm</i>	Plenum slim 13 uscite Ø 75 mm



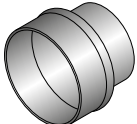
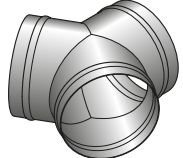
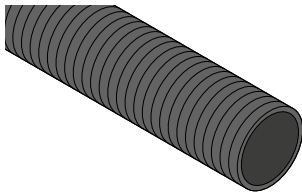
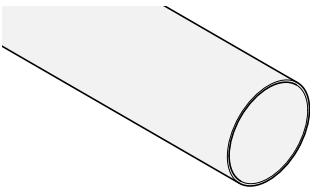
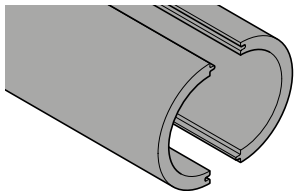
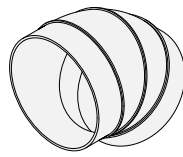
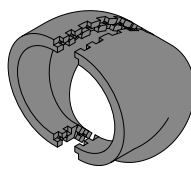
	Components / Componenti	Code / Codice	Descriptions	Descrizione
8		<b>7045260</b>	<i>Plenum slim with 15 outlets Ø 63 mm</i>	Plenum slim 15 uscite Ø 63 mm
9		<b>7045270</b>	<i>Plenum standard with 8 outlets Ø 63 mm</i>	Plenum standard 8 uscite Ø 63 mm
		<b>7045275</b>	<i>Plenum standard with 8 outlets Ø 75 mm</i>	Plenum standard 8 uscite Ø 75 mm
10		<b>7045280</b>	<i>Plenum standard with 12 outlets Ø 63 mm</i>	Plenum standard 12 uscite Ø 63 mm
		<b>7045285</b>	<i>Plenum standard with 12 outlets Ø 75 mm</i>	Plenum standard 12 uscite Ø 75 mm
11		<b>7045290</b>	<i>Plenum standard with 16 outlets Ø 63 mm</i>	Plenum standard 16 uscite Ø 63 mm
12		<b>7045076</b>	<i>Vent for wall with 3 horizontal outlets Ø 63 mm</i>	Bocchetta da parete 3 attacchi Orizzontali Ø 63 mm
13		<b>7045077</b>	<i>Vent for wall with 2 horizontal outlets Ø 75 mm</i>	Bocchetta da parete 2 attacchi Orizzontali Ø 75 mm
14		<b>7045072</b>	<i>Vent for wall with 3 upright outlets Ø 63 mm</i>	Bocchetta da parete 3 attacchi Verticali Ø 63 mm
15		<b>7045073</b>	<i>Vent for wall with 2 upright outlets Ø 75 mm</i>	Bocchetta da parete 2 attacchi Verticali Ø 75 mm



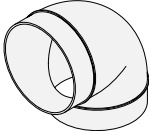
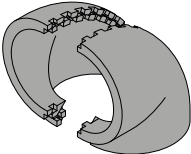
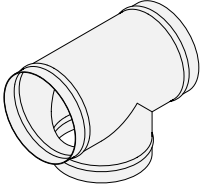
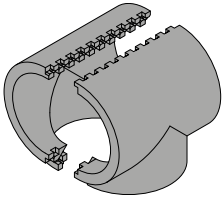
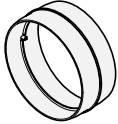
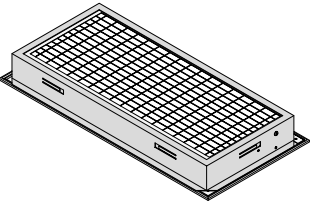
Components / Componenti	Code / Codice	Descriptions	Descrizione
16		<b>7045330</b> Ceiling vent Ø 63 mm	Bocchetta a soffitto Ø 63 mm
17		<b>7045331</b> Ceiling vent Ø 75 mm	Bocchetta a soffitto Ø 75 mm
18		<b>7045064</b> Vent 400x100 with side connection Ø 100 mm	Bocchetta 400x100 con attacco laterale Ø 100 mm
19		<b>7045066</b> Vent 400x100 with rear connection Ø 100 mm	Bocchetta 400x100 con attacco posteriore Ø 100 mm
20		<b>7045068</b> Vent 300x200 with side connection Ø 150 mm	Bocchetta 300x200 con attacco laterale Ø 150 mm
21		<b>7045071</b> Vent 300x200 with rear connection Ø 150 mm	Bocchetta 300x200 con attacco posteriore Ø 150 mm
23		<b>7045108</b> Wall grill	Griglia di aerazione
24		<b>7045109</b> Stainless steel outdoor grill	Griglia esterna in acciaio inox
25		<b>7045055</b> Joint sleeve Ø 100 mm <b>7045056</b> Ø 125 mm <b>7045057</b> Ø 150 mm <b>7045058</b> Ø 200 mm	Manicotto



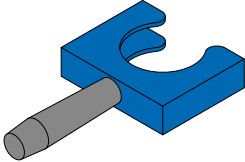
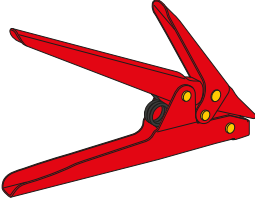
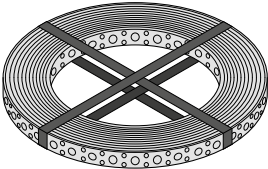
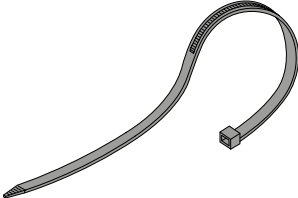

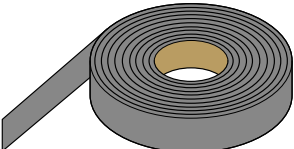


	Components / Componenti	Code / Codice	Descriptions	Descrizione
26		<b>7045024</b> <b>7045026</b> <b>7045027</b> <b>7045028</b> <b>7045025</b> <b>7045050</b>	<i>Concentric reducer</i> Ø 125-100 mm Ø 150-100 mm Ø 125-200 mm Ø 100-200 mm Ø 150-125 mm Ø 200-150 mm	Riduzione concentrica
27		<b>7045041</b> <b>7045046</b> <b>7045049</b>	<i>Y-duct adapter</i> Ø 100 mm Ø 125 mm Ø 150 mm	Derivazione a Y
28		<b>7045111</b> <b>7045113</b> <b>7045116</b> <b>7045121</b> <b>7045211</b> <b>7045213</b> <b>7045216</b> <b>7045221</b>	<i>Eco-friendly Non-insulated Flexible Duct</i> Ø 100 mm Ø 125 mm Ø 150 mm Ø 200 mm  <i>Eco-friendly insulated Flexible Duct</i> Ø 100 mm Ø 125 mm Ø 150 mm Ø 200 mm	Tubo flessibile ecologico non isolato  Tubo flessibile ecologico isolato
29		<b>7045450</b> <b>7045400</b>	<i>PVC pipe</i> Ø 125 mm Ø 150 mm	Tubo in PVC
30		<b>7045451</b> <b>7045401</b>	<i>Insulating shell for PVC pipe</i> Ø 125 mm Ø 150 mm	Isolante per tubo in PVC
31		<b>7045465</b> <b>7045415</b>	<i>Elbow PVC a 45°</i> Ø 125 mm Ø 150 mm	Curva PVC a 45°
32		<b>7045466</b> <b>7045416</b>	<i>Insulating shell for PVC elbow 45°</i> Ø 125 mm Ø 150 mm	Isolante per curva PVC a 45°



	Components / Componenti	Code / Codice	Descriptions	Descrizione
33			<i>Elbow PVC a 90°</i>	Curva PVC a 90°
		7045455	Ø 125 mm	
		7045405	Ø 150 mm	
34			<i>Insulating shell for PVC elbow 90°</i>	Isolante per curva PVC a 90°
		7045456	Ø 125 mm	
35			<i>T-Duct Adapter</i>	Derivazione a T
		7045460	Ø 125 mm	
36			<i>Insulating shell for T-Duct Adapter</i>	Isolante per derivazione a T
		7045461	Ø 125 mm	
37			<i>PVC joint sleeve</i>	Manicotto di giunzione in PVC
		7045407	Ø 125 mm	
38			<i>PVC joint sleeve</i>	Manicotto di giunzione in PVC
		7045408	Ø 150 mm	
38		7045070	<i>Recirculation grid for RNW 404/411</i>	Griglia di ripresa per RNW 404/411

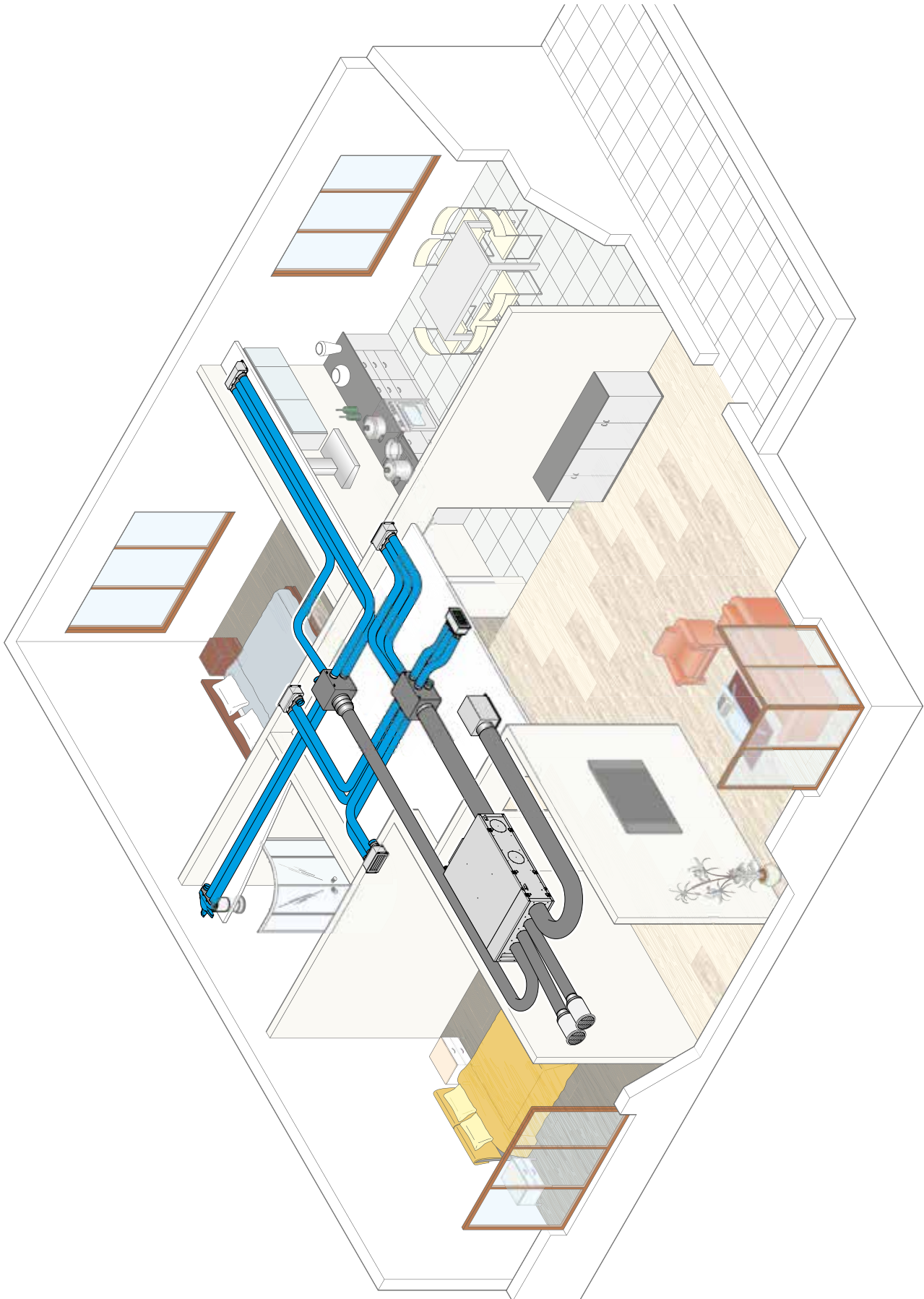
**Table B - Available tools****Tabella B - Attrezzatura acquistabile**

		<b>Code / Codice</b>	<b>Descriptions</b>	<b>Descrizione</b>
<b>A</b>		<b>7045101</b>	<i>Duct cutter Ø 63 mm</i>	Taglia tubi Ø 63 mm
		<b>7045201</b>	<i>Duct cutter Ø 75 mm</i>	Taglia tubi Ø 75 mm
<b>B</b>		<b>7045030</b>	<i>Band Cutter</i>	Taglia fascette
<b>C</b>		<b>7045061</b>	<i>Galvanized tape</i>	Nastro galvanizzato
<b>D</b>		<b>7045010</b>	<i>Plastic band</i>	Fascette
<b>E</b>		<b>7045015</b>	<i>Self-drilling screws</i>	Vite autoforante
<b>F</b>		<b>6512010</b>	<i>Adhesive Tape</i>	Guaina isolante adesiva



# 1 INSTALLATION EXAMPLES WITH MODUL AIR SYSTEM ESEMPI DI INSTALLAZIONE CON IL SISTEMA MODUL AIR

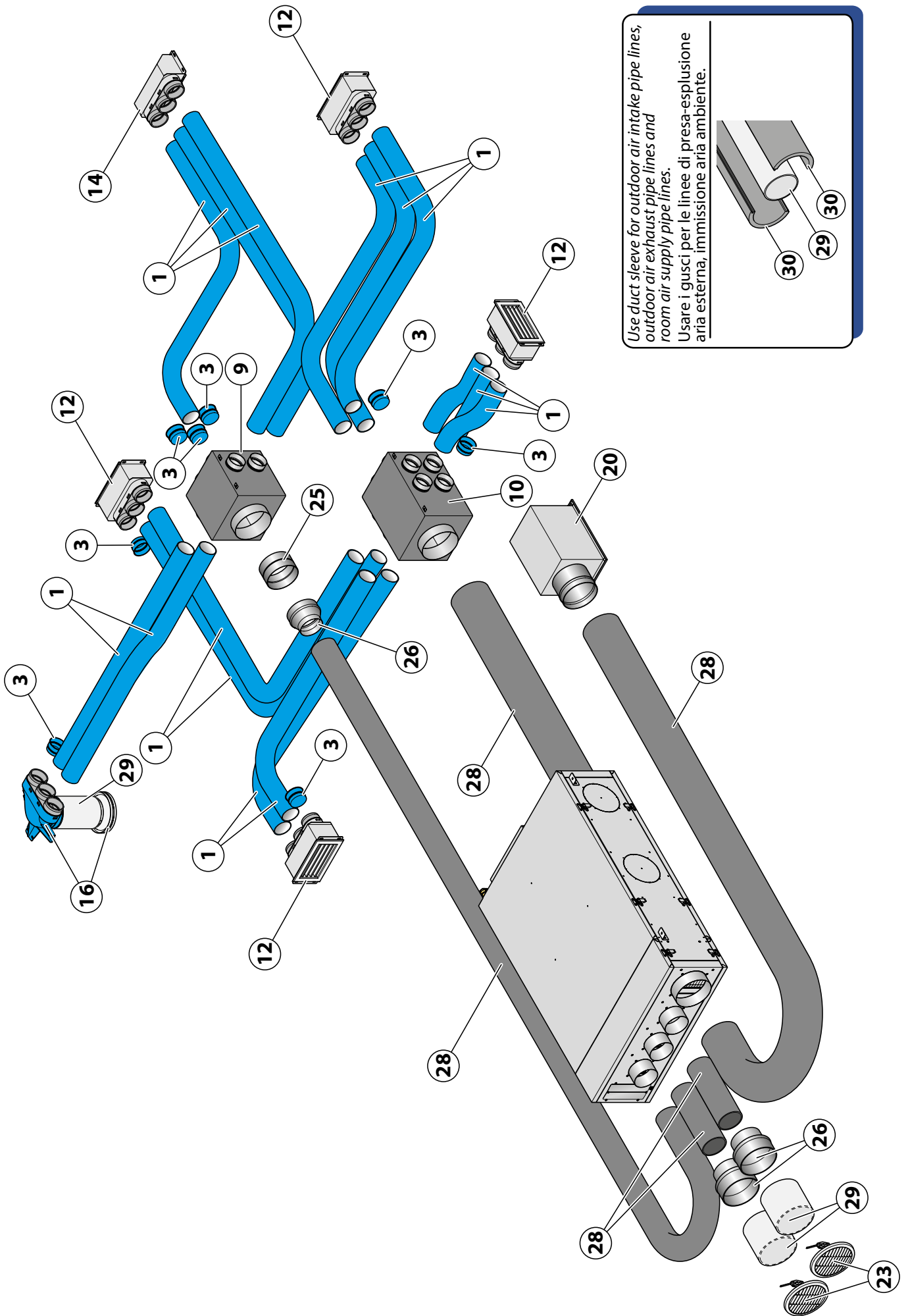
## 1.1 THIN INSTALLATION INSTALLAZIONE A BASSO SPESSORE



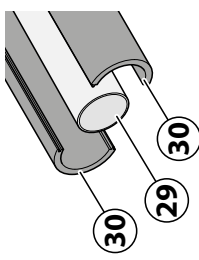


# COMPONENT EXPLODED VIEW

# VISTA ESPLOSA DEI COMPONENTI UTILIZZATI

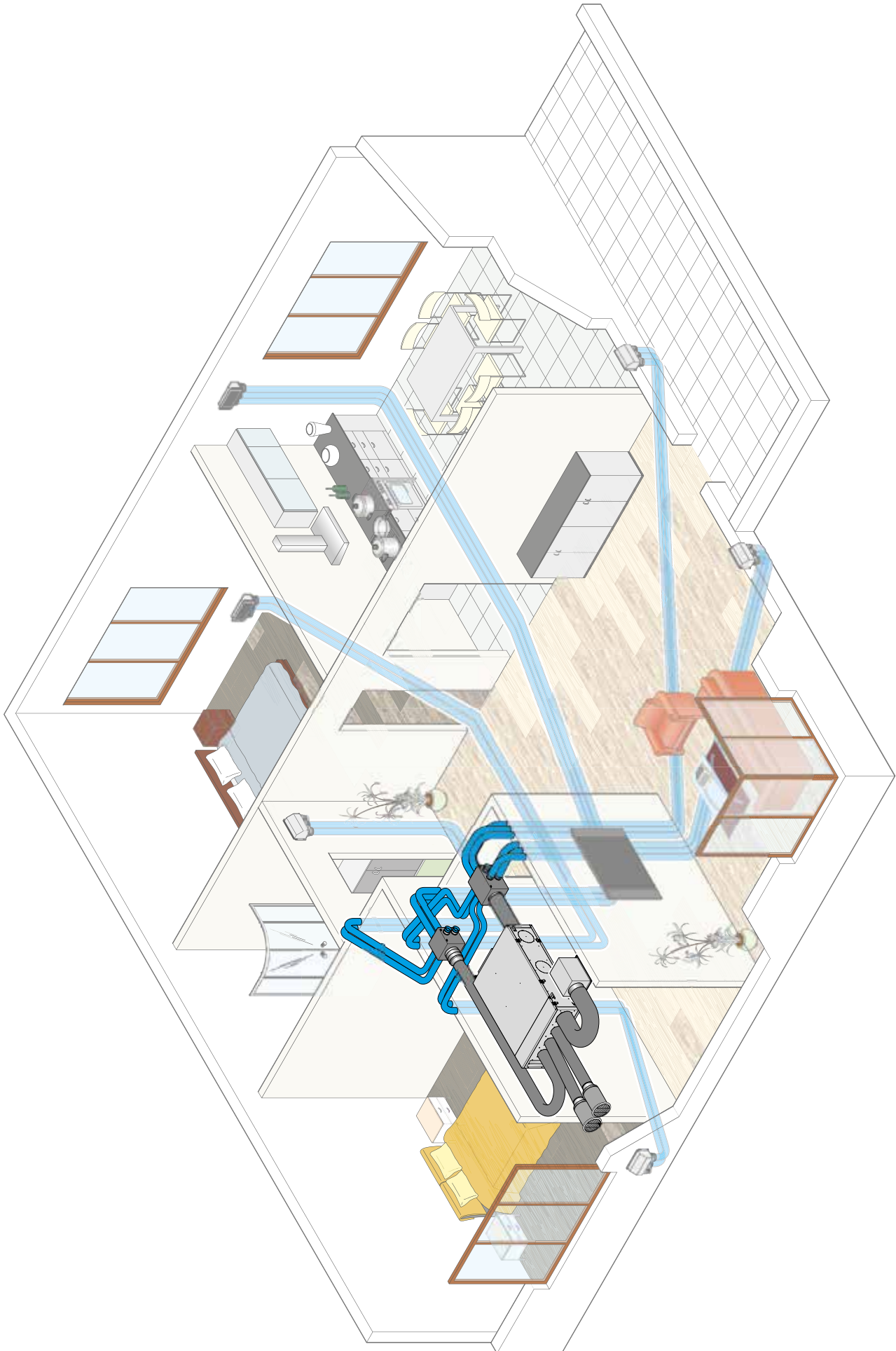


Use duct sleeve for outdoor air intake pipe lines, outdoor air exhaust pipe lines and room air supply pipe lines.  
 Usare i gusci per le linee di presa-espulsione aria esterna, immissione aria ambiente.





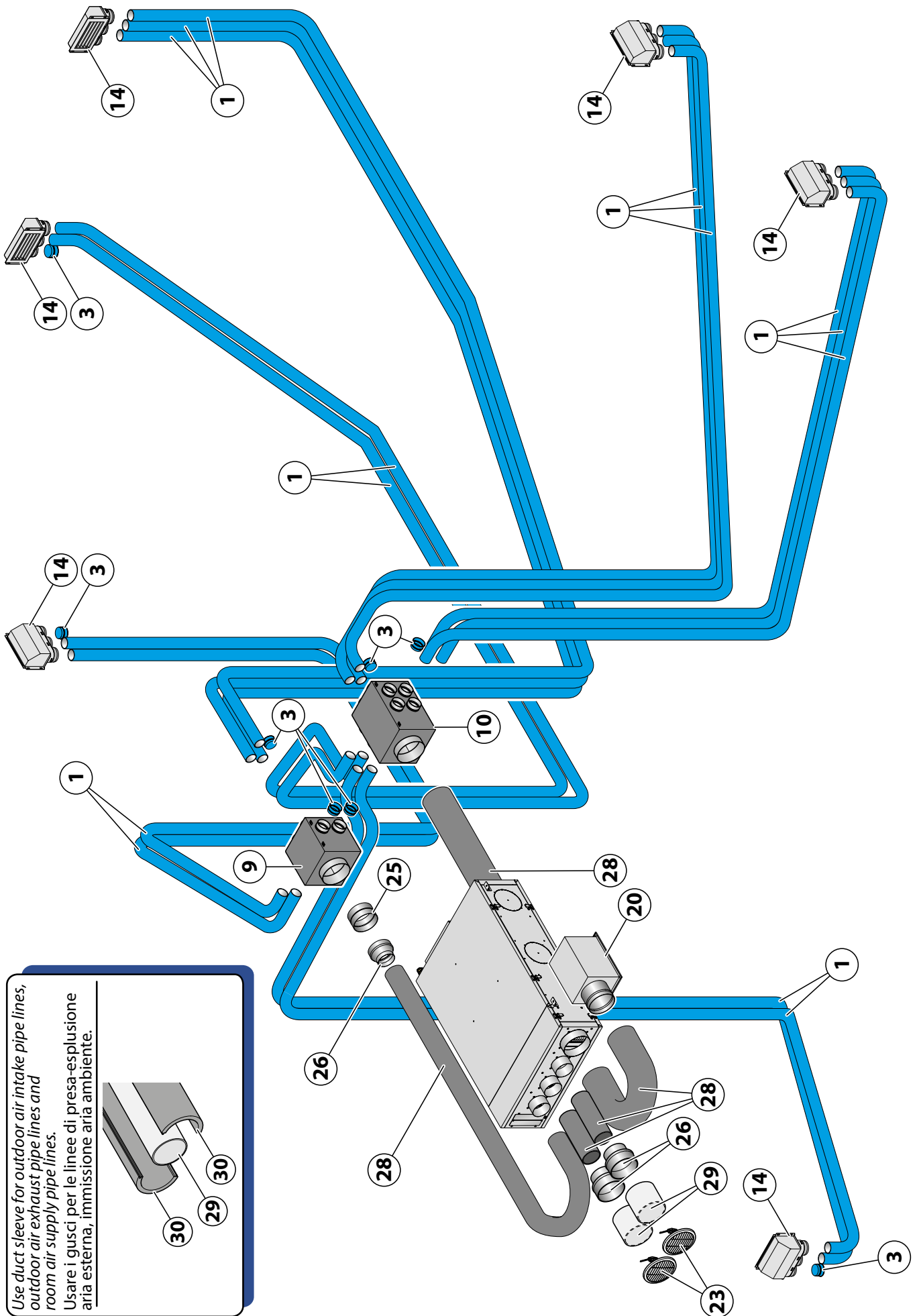
1.2 FLOOR INSTALLATION  
INSTALLAZIONE CON DISTRIBUZIONE A PAVIMENTO



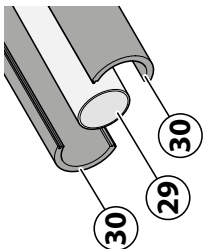


# COMPONENT EXPLODED VIEW

# VISTA ESPLOSA DEI COMPONENTI UTILIZZATI

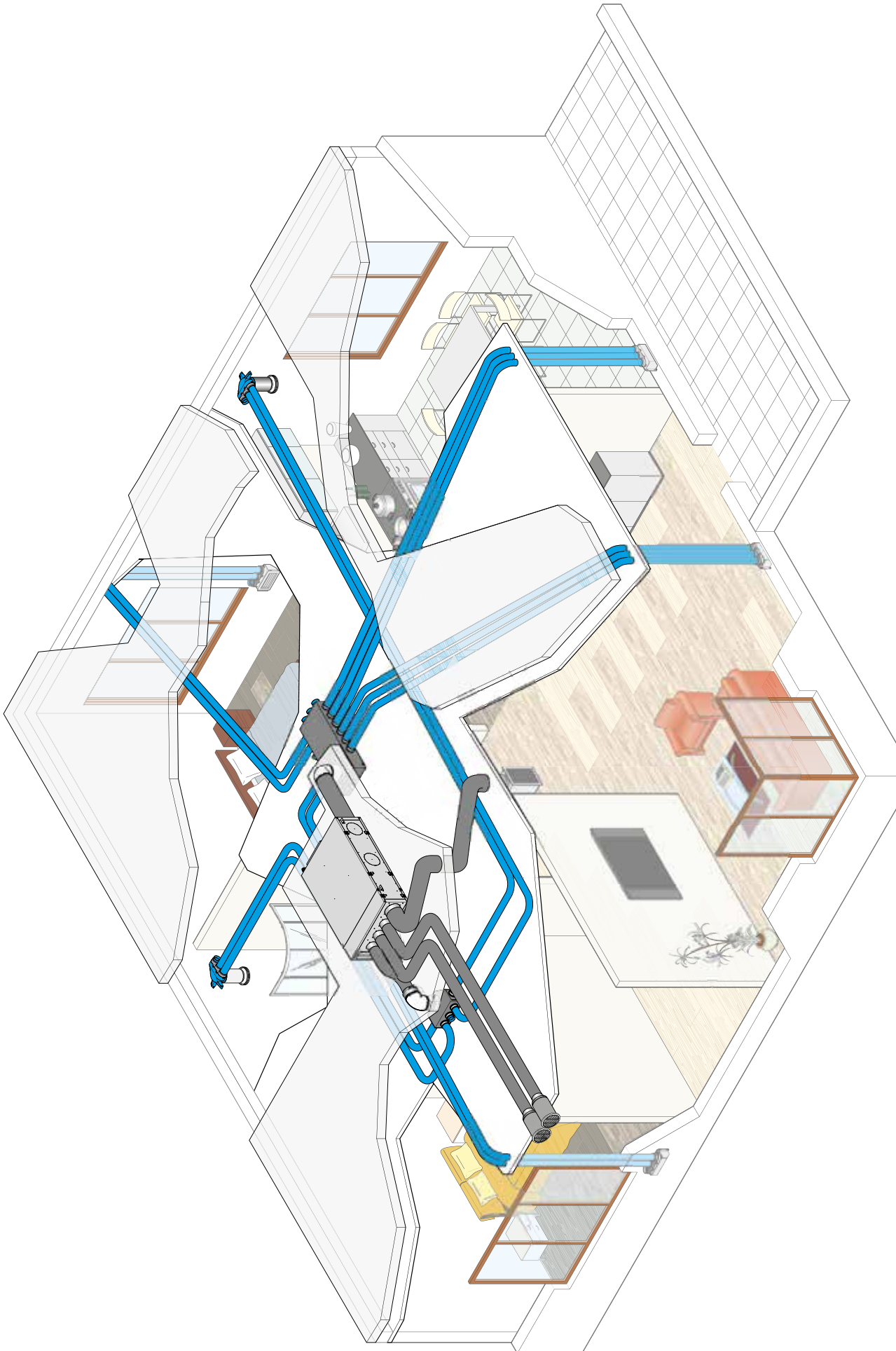


Use duct sleeve for outdoor air intake pipe lines,  
 outdoor air exhaust pipe lines and  
 room air supply pipe lines.  
 Usare i gusci per le linee di presa-espulsione  
 aria esterna, immissione aria ambiente.





1.3 **LOFT SPACE INSTALLATION**  
**INSTALLAZIONE CON DISTRIBUZIONE SU SOTTOTETTO**

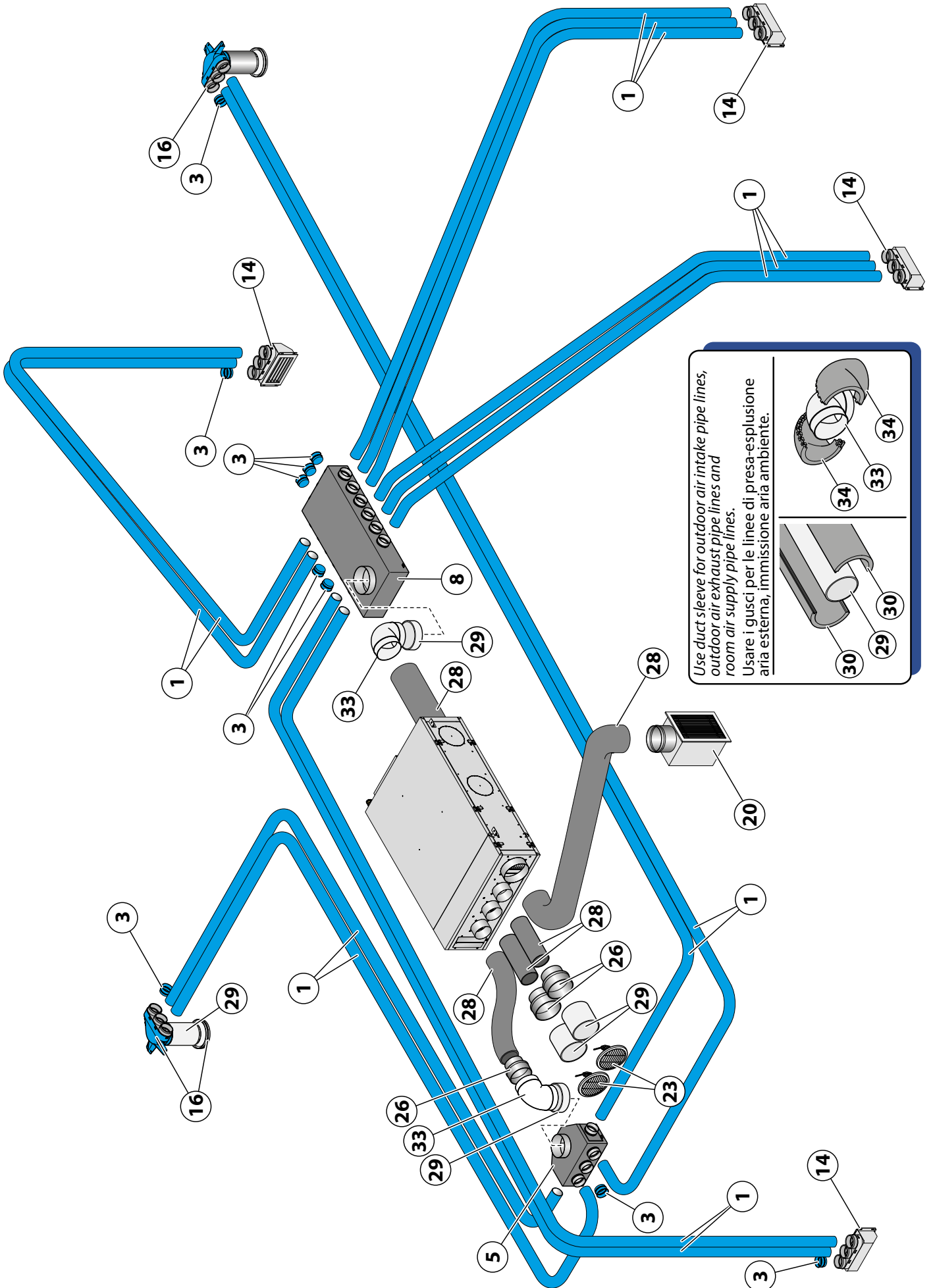




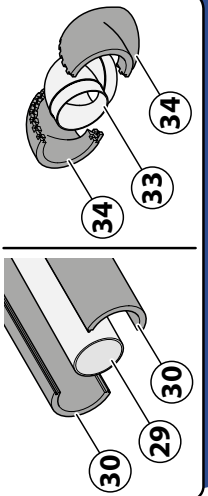


# COMPONENT EXPLODED VIWE

# VISTA ESPLOSA DEI COMPONENTI UTILIZZATI

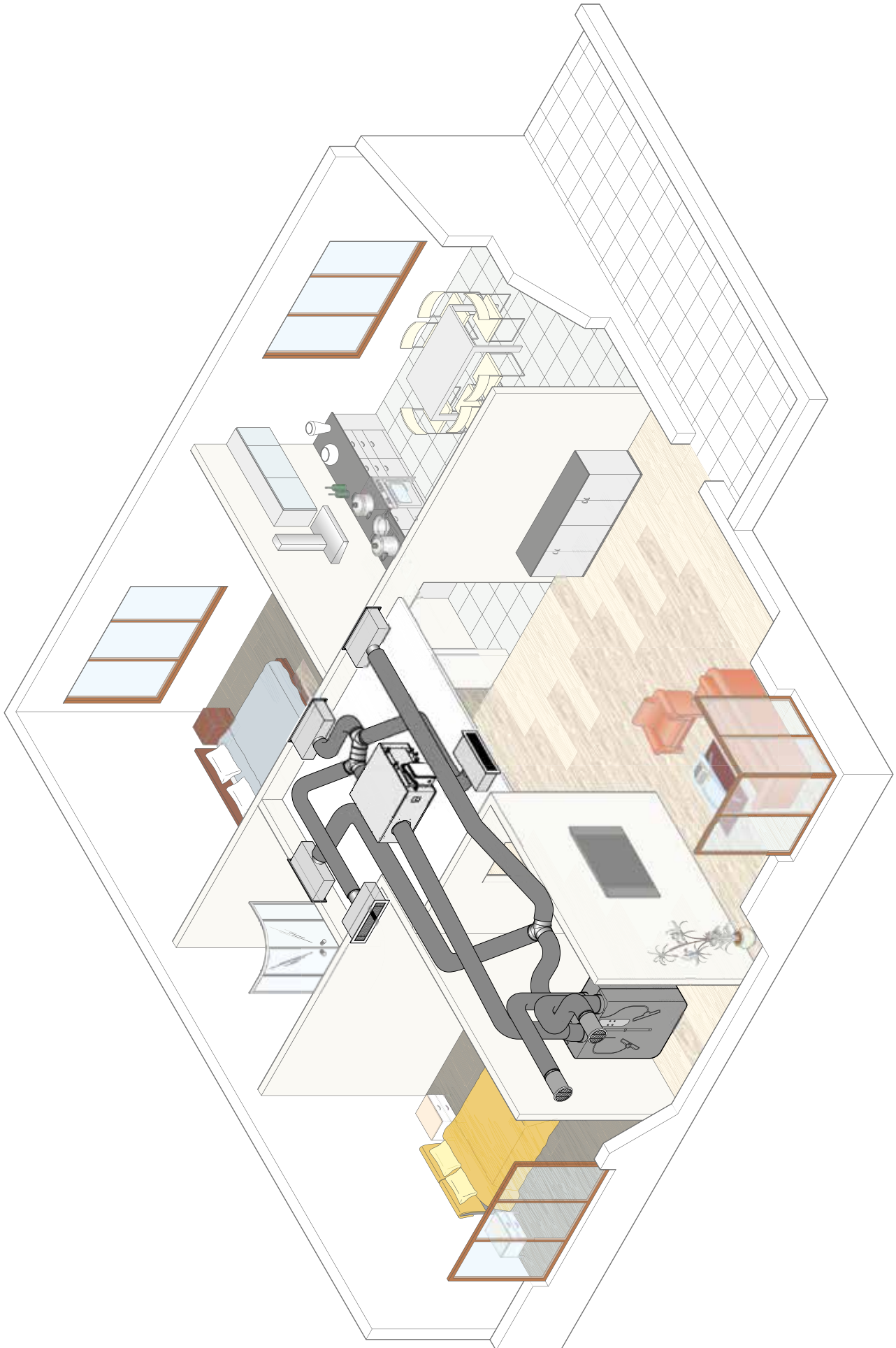


Use duct sleeve for outdoor air intake pipe lines, outdoor air exhaust pipe lines and room air supply pipe lines.  
 Usare i gusci per le linee di presa-espulsione aria esterna, immissione aria ambiente.





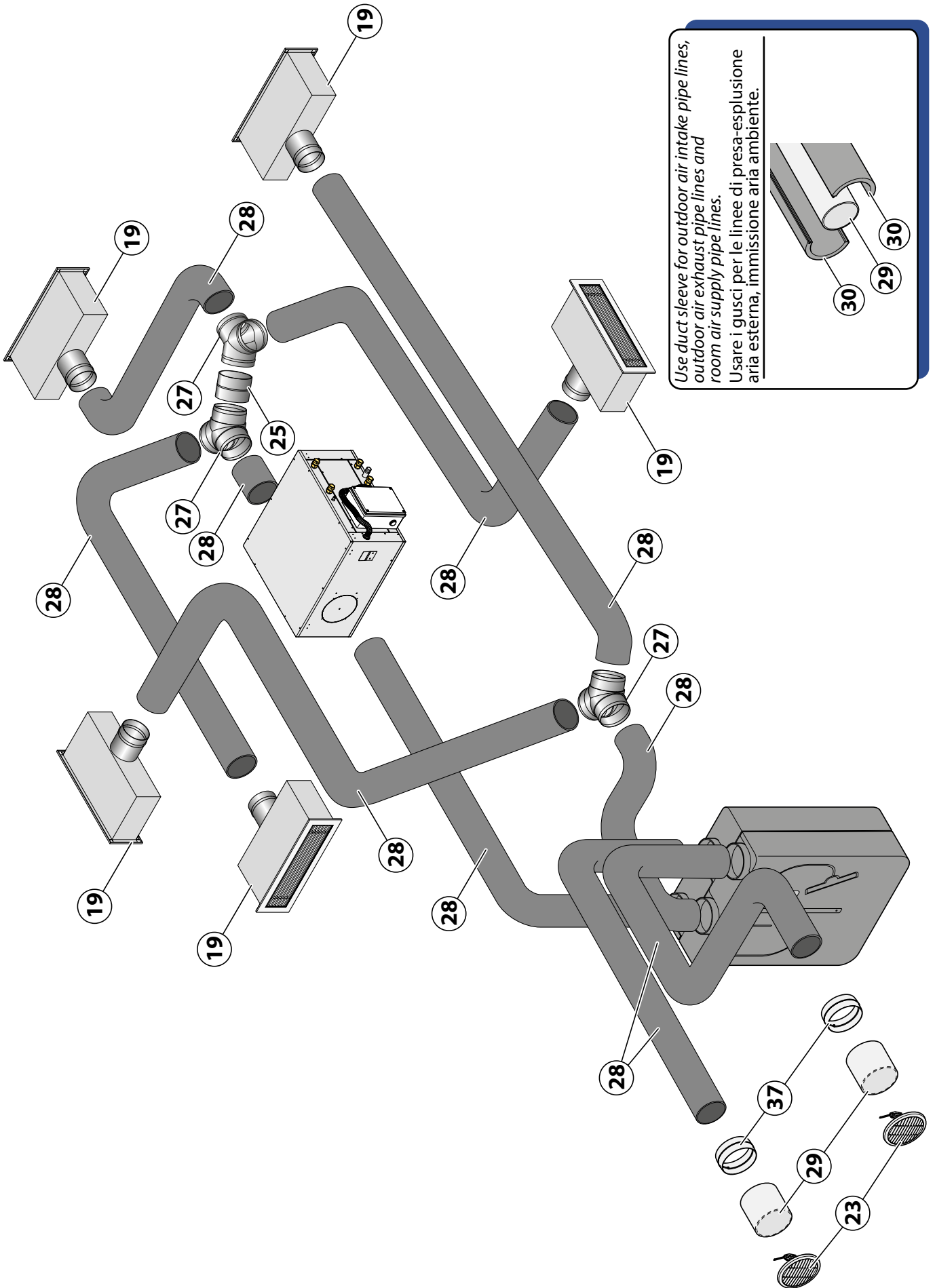
**1.4** *INSTALLATION WITH SPLIT DEHUMIDIFIER AND HEAT RECOVERY UNIT*  
**INSTALLAZIONE CON DEUMIDIFICATORE E RECUPERATORE DI CALORE SEPARATI**



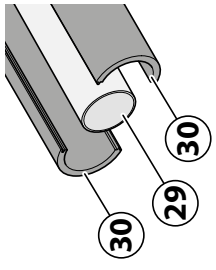


# COMPONENT EXPLODED VIEW

# VISTA ESPLOSA DEI COMPONENTI UTILIZZATI

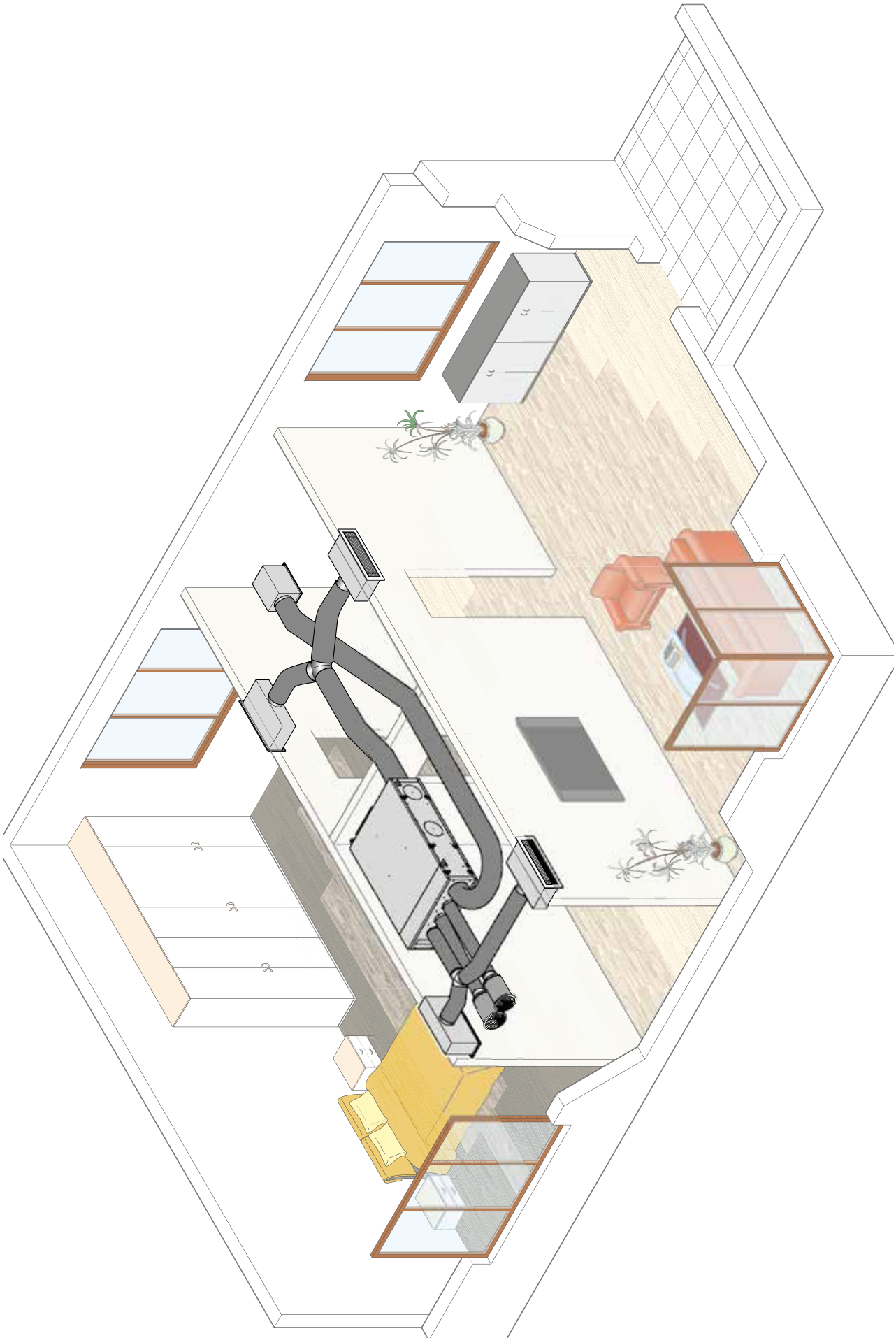


Use duct sleeve for outdoor air intake pipe lines,  
 outdoor air exhaust pipe lines and  
 room air supply pipe lines.  
 Usare i gusci per le linee di presa-espulsione  
 aria esterna, immissione aria ambiente.





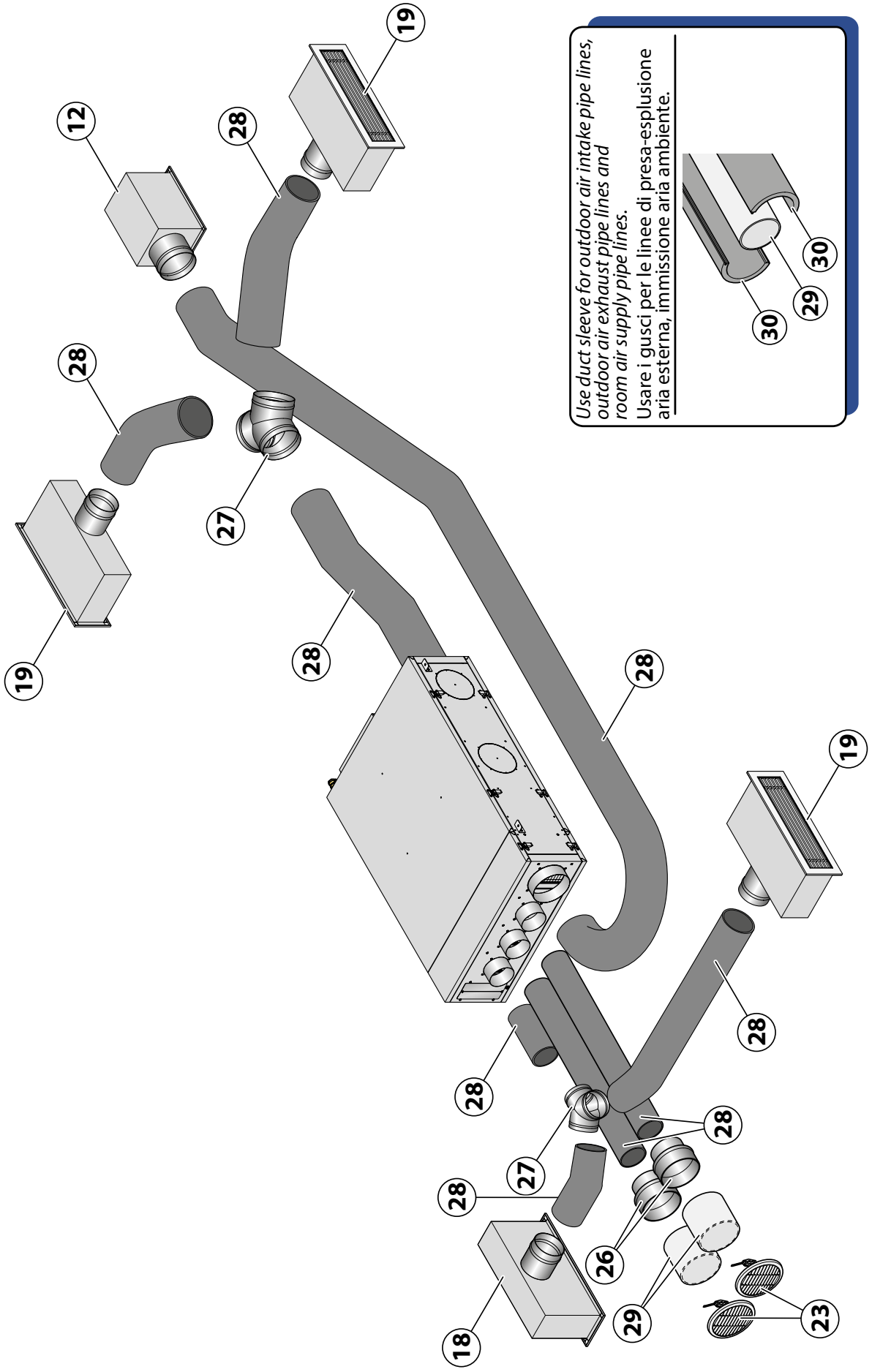
1.5 **STANDARD INSTALLATION WITH FLEXIBLE PIPE**  
**INSTALLAZIONE ALTO SPESSORE CON TUBAZIONI FLESSIBILI**





# COMPONENT EXPLODED VIEW

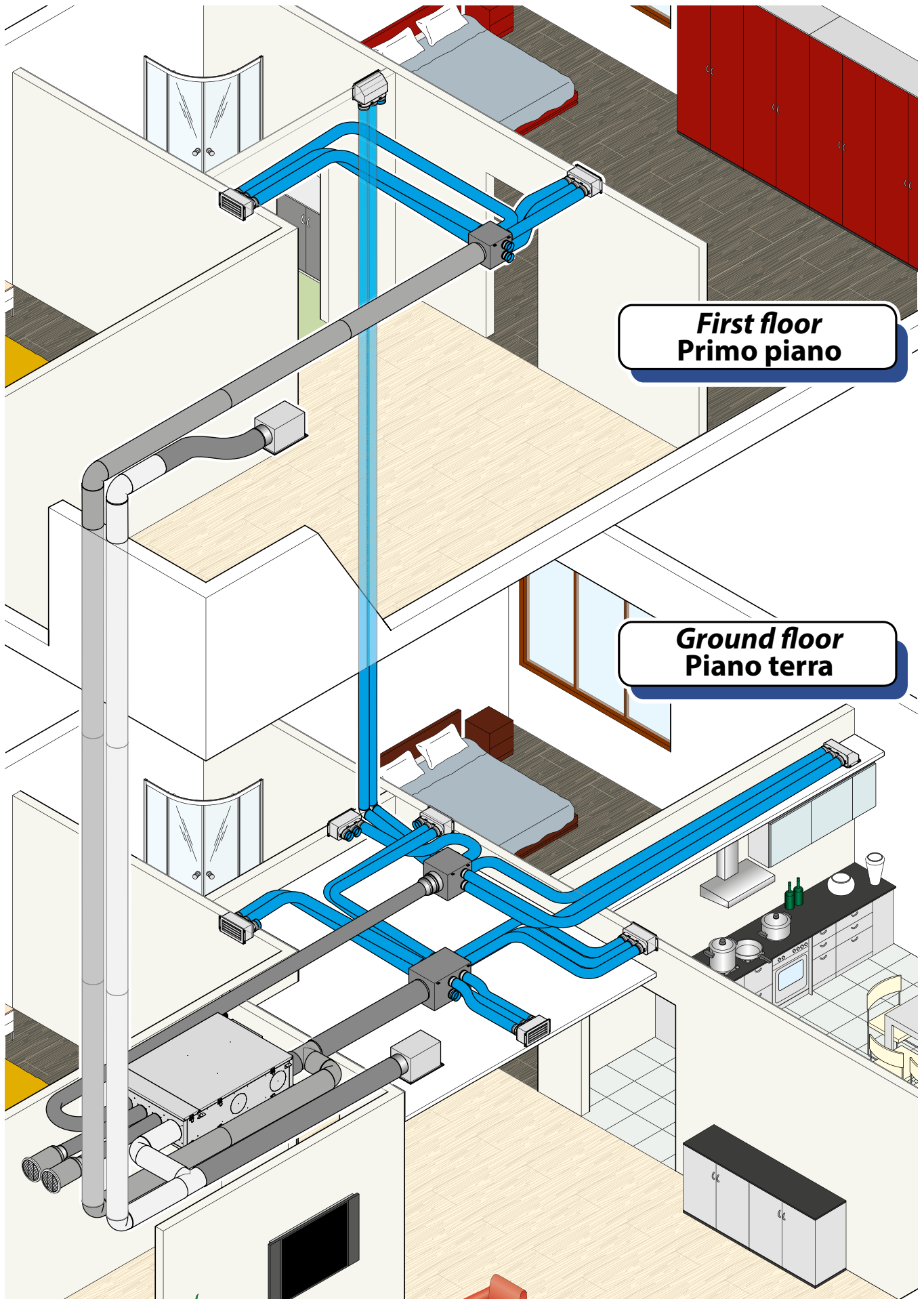
# VISTA ESPLOSA DEI COMPONENTI UTILIZZATI



Use duct sleeve for outdoor air intake pipe lines,  
 outdoor air exhaust pipe lines and  
 room air supply pipe lines.  
 Usare i gusci per le linee di presa-espulsione  
 aria esterna, immissione aria ambiente.

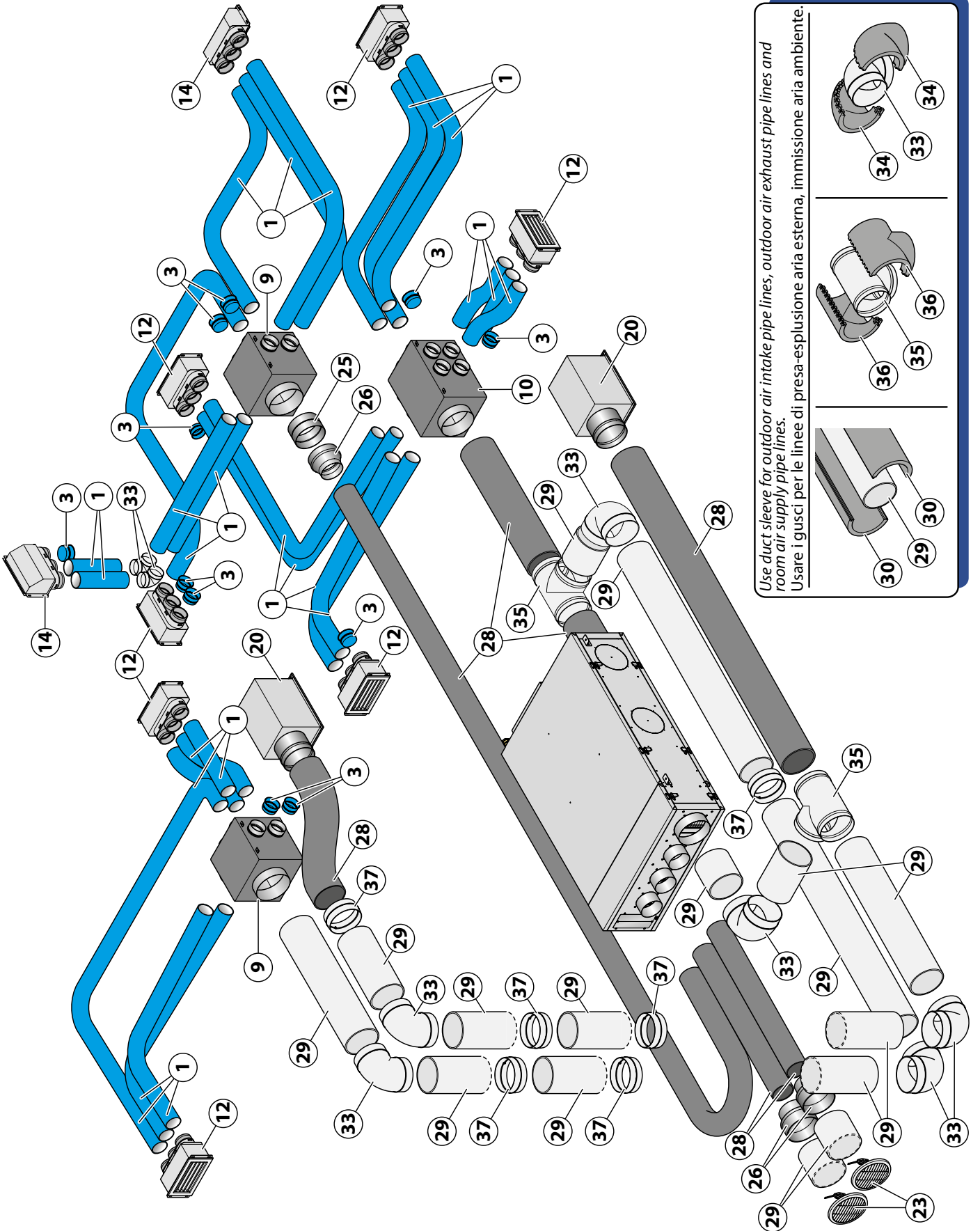


1.6 MULTI-FLOOR THIN INSTALLATION  
INSTALLAZIONE A BASSO SPESSORE MULTIPIANO



COMPONENT EXPLODED VIEW

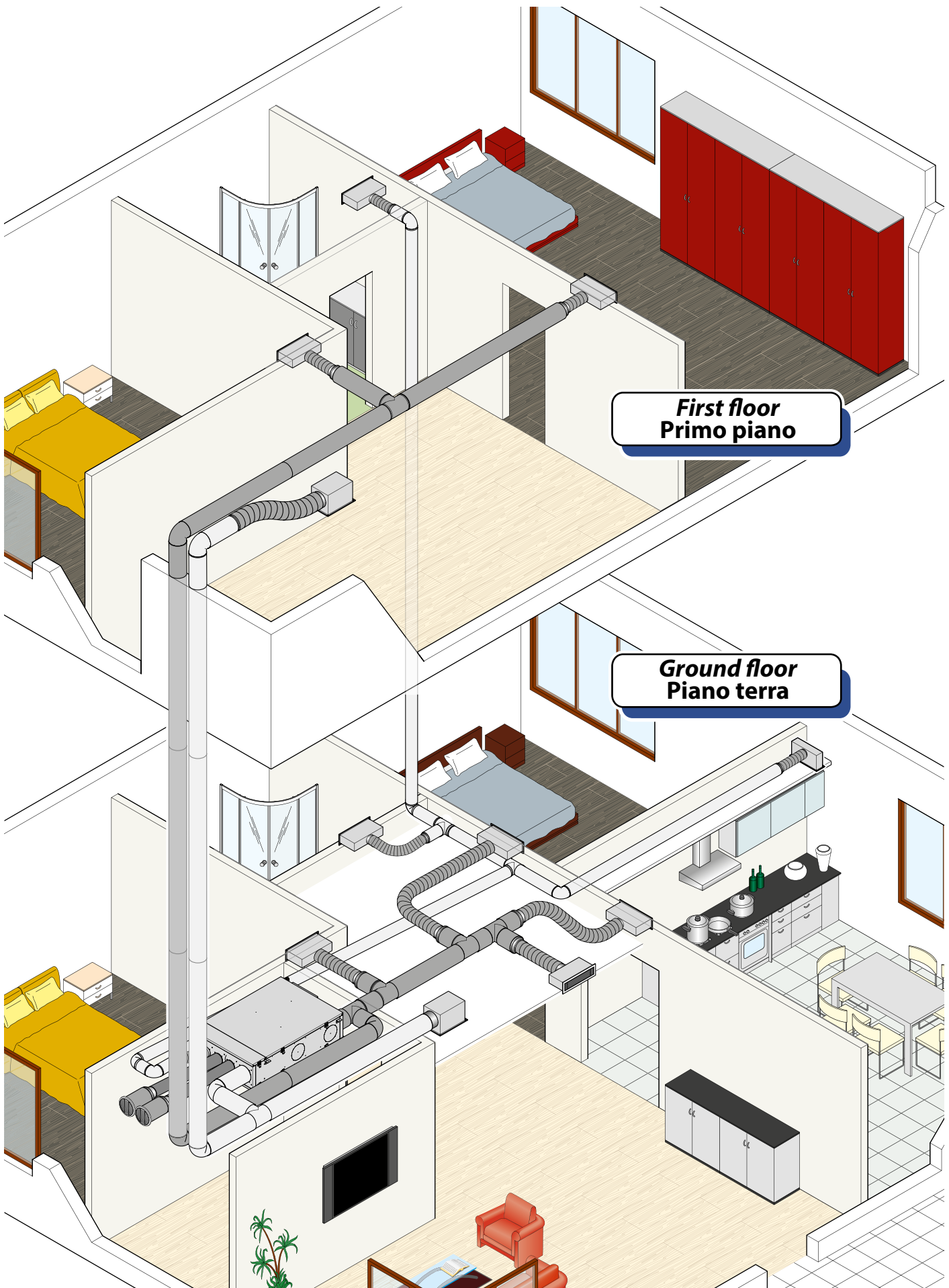
VISTA ESPLOSA DEI COMPONENTI UTILIZZATI



Use duct sleeve for outdoor air intake pipe lines, outdoor air exhaust pipe lines and room air supply pipe lines.  
 Usare i gusci per le linee di presa-espulsione aria esterna, immissione aria ambiente.



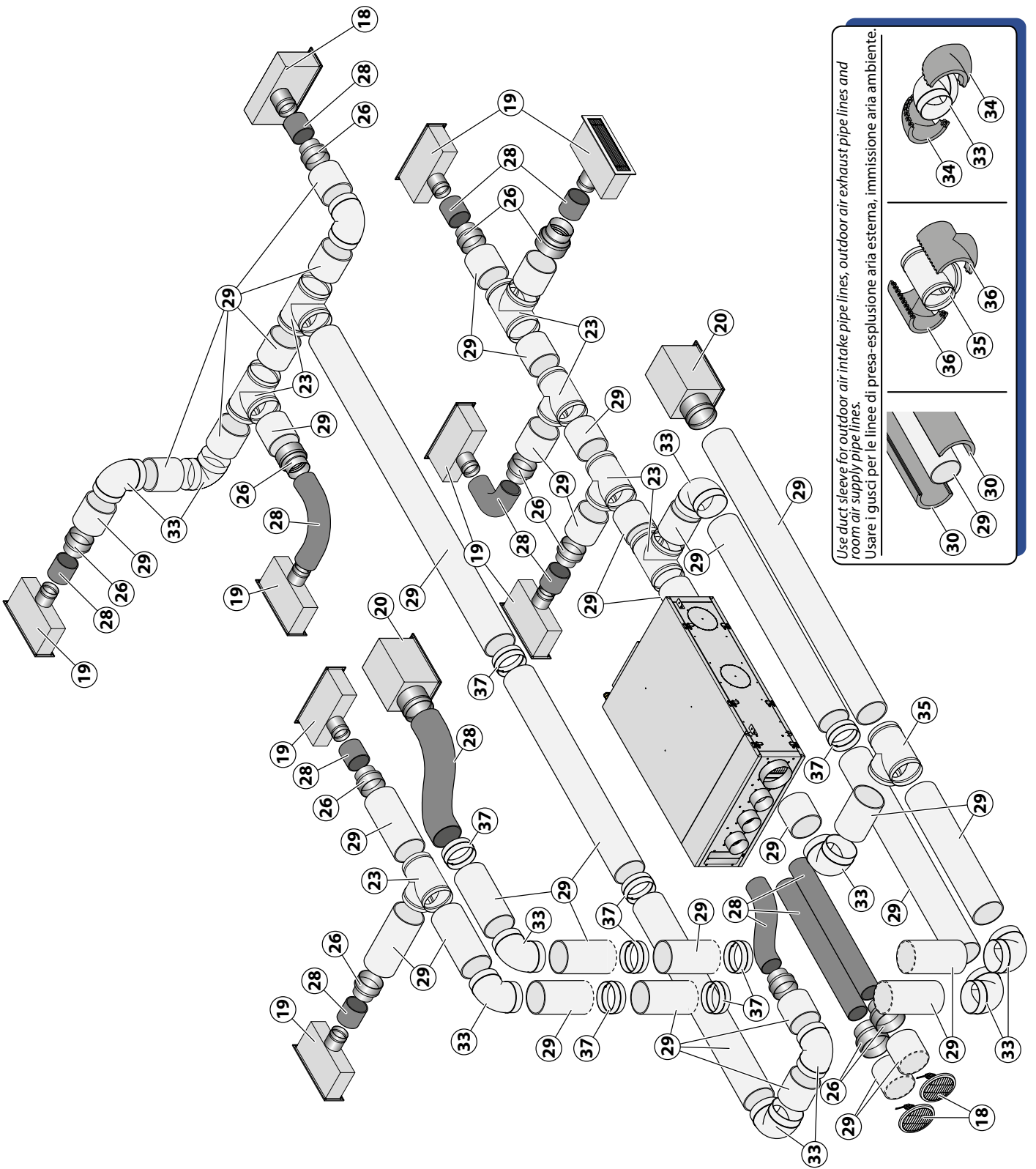
1.7 **MULTI-FLOOR STANDARD INSTALLATION**  
**INSTALLAZIONE A ALTO SPESSORE MULTIPIANO**





COMPONENT EXPLODED VIEW

VISTA ESPLOSA DEI COMPONENTI UTILIZZATI



Use duct sleeve for outdoor air intake pipe lines, outdoor air exhaust pipe lines and room air supply pipe lines.  
 Usare i gusci per le linee di presa-espulsione aria esterna, immissione aria ambiente.

## 2

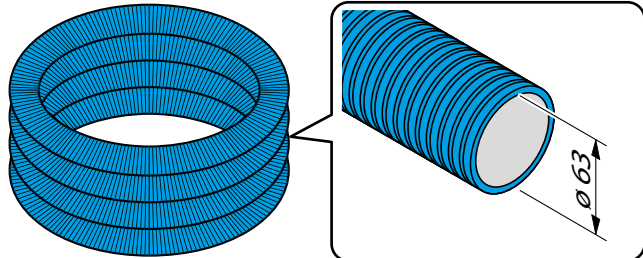
# COMPONENT INSTALLATION INSTALLAZIONE DEI COMPONENTI

## 2.1

## DUO DUCT TUBO DUO

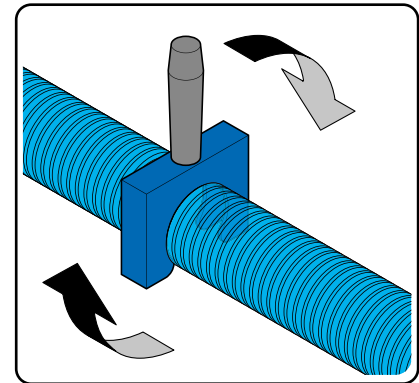
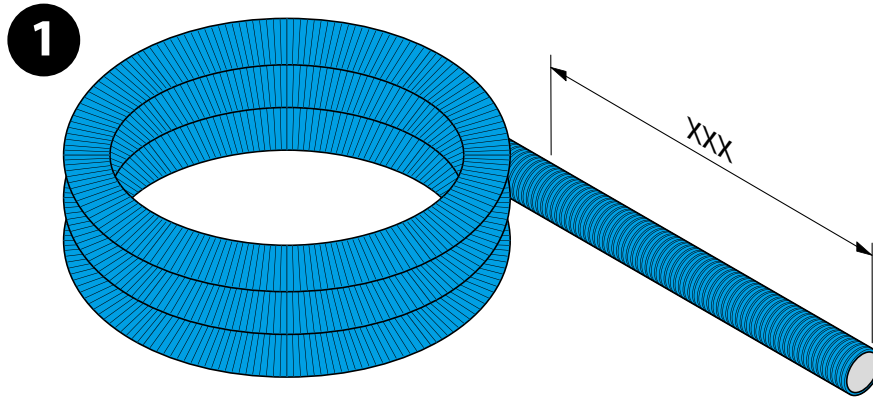
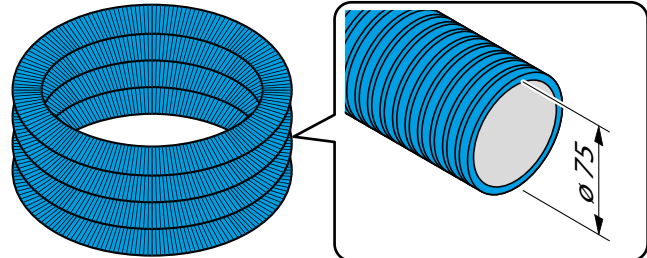
7045001 - 25m

7045002 - 50m

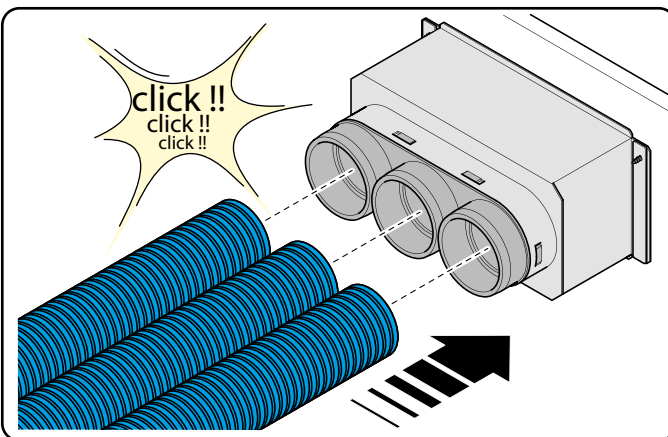


7045011 - 25m

7045012 - 50m



**2**



**Il tubo si attacca ai seguenti componenti come illustrato affianco.**

**Il tubo si attacca ai seguenti componenti come illustrato affianco.**

- 7045240 (Ø 63)	- 7045285 (Ø 75)
- 7045250 (Ø 63)	- 7045290 (Ø 63)
- 7045255 (Ø 75)	- 7045076 (Ø 63)
- 7045260 (Ø 63)	- 7045077 (Ø 75)
- 7045265 (Ø 75)	- 7045072 (Ø 63)
- 7045270 (Ø 63)	- 7045073 (Ø 75)
- 7045275 (Ø 75)	- 7045330 (Ø 63)
- 7045280 (Ø 63)	- 7045331 (Ø 75)

**3**



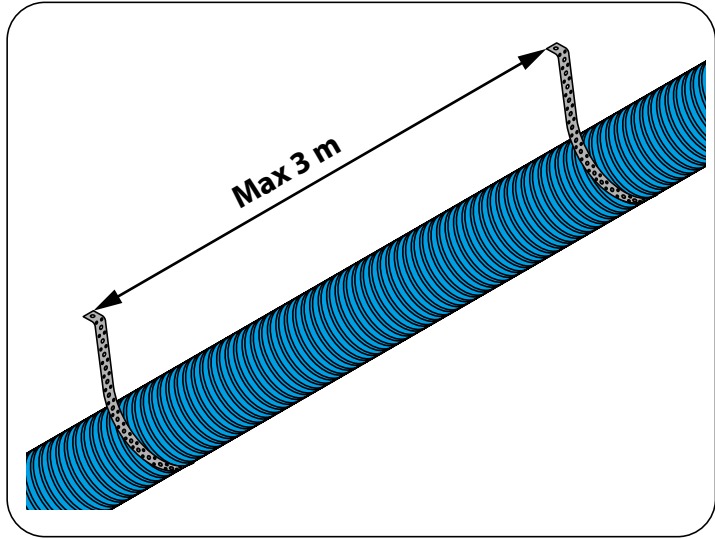
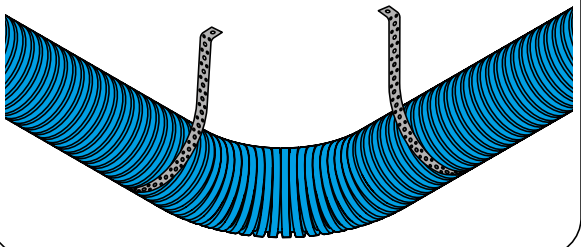
Use insulating tape or insulating boxes for outdoor air intake pipe lines, outdoor air exhaust pipe lines and room air supply pipe lines.

Usare guaina isolante o cavedi isolati per le linee di presa-espluione aria esterna, immissione aria ambiente.

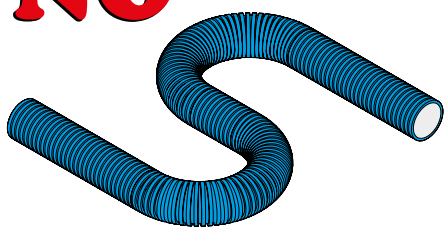


4

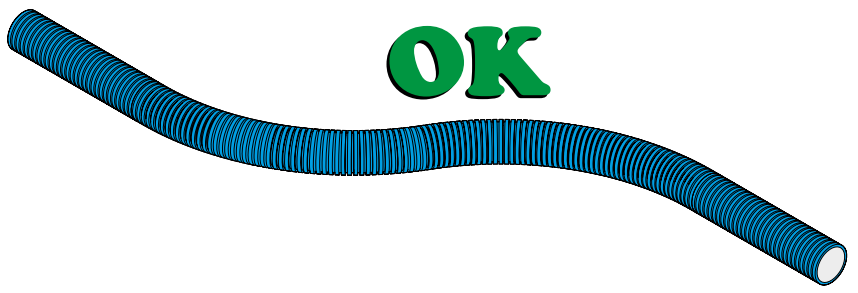
$\angle \geq 90^\circ$   
 $\odot \text{ min } > 10 \text{ cm}$



**NO**



**OK**

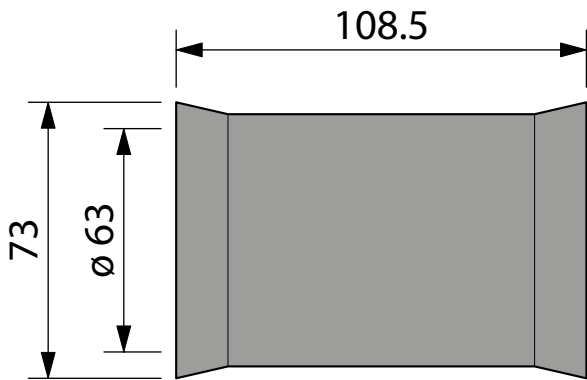




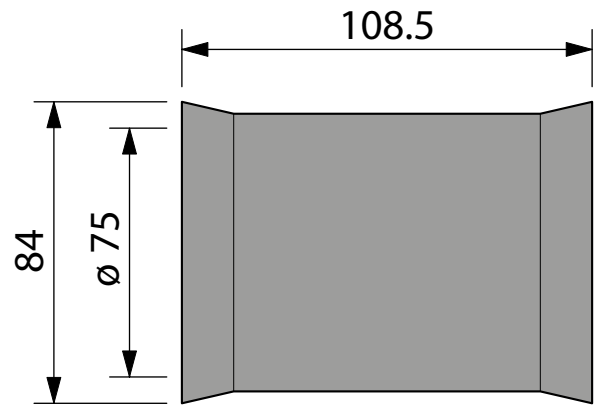
2.2

JOINT SLEEVE  $\varnothing 63$  mm  
MANICOTTO  $\varnothing 63$  mm

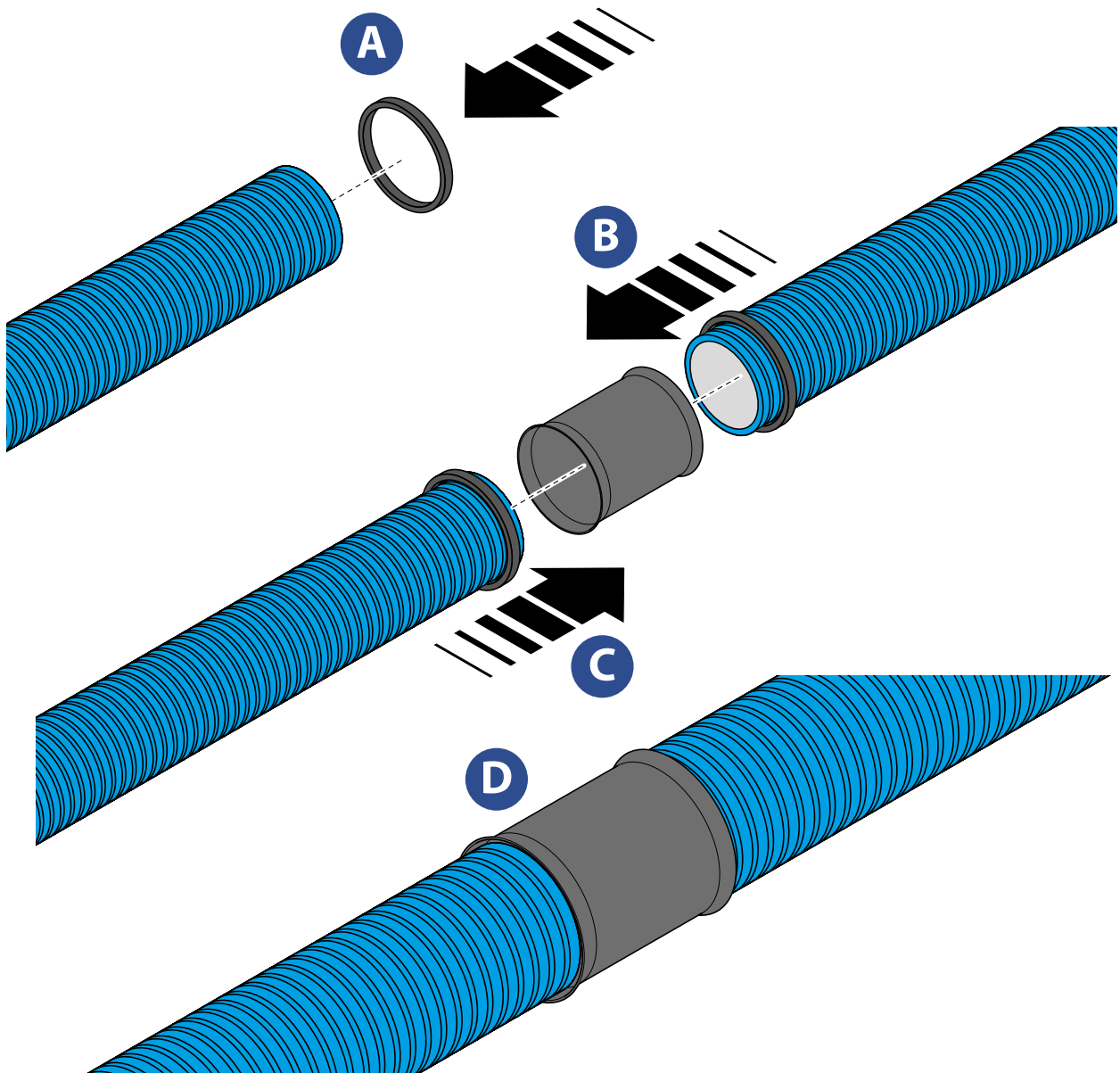
7045023 -  $\varnothing 63$  mm



7045123 -  $\varnothing 75$  mm



1

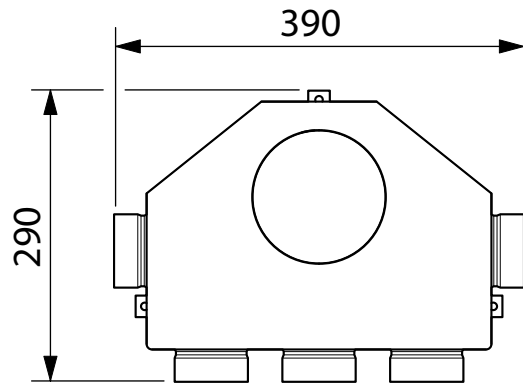
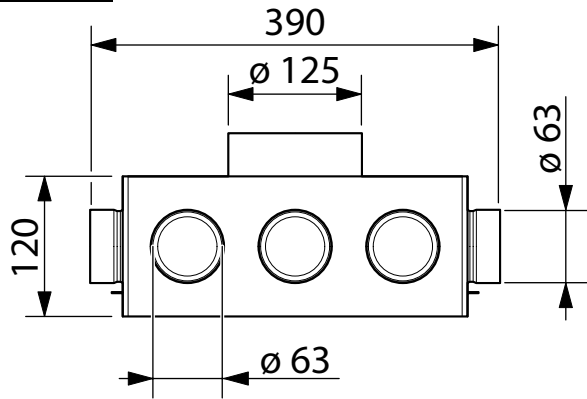




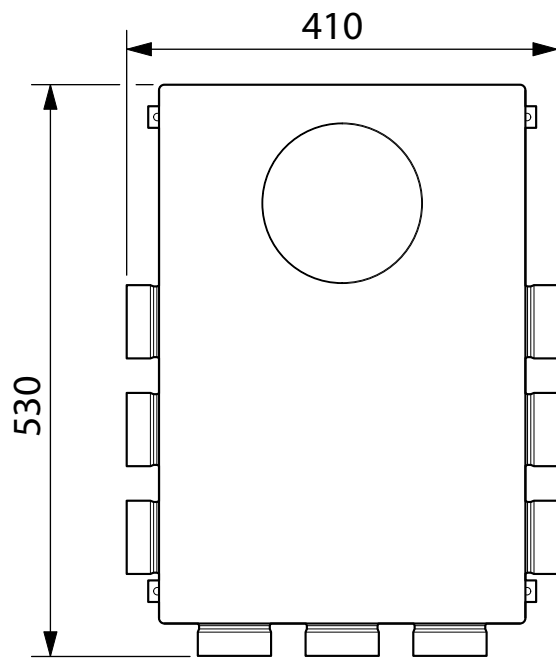
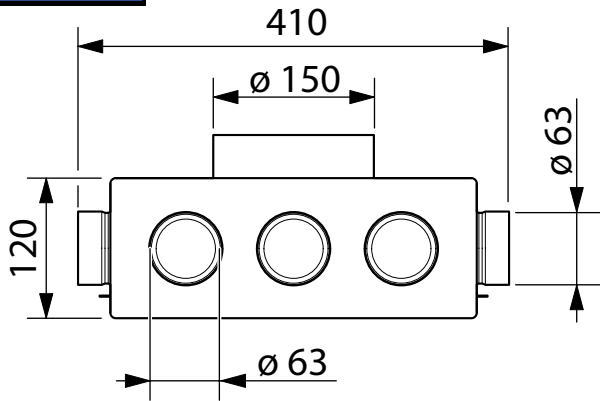
2.3

SLIM PLENUM  $\varnothing$  63 mm -  $\varnothing$  75 mm  
 PLENUM SLIM  $\varnothing$  63 mm -  $\varnothing$  75 mm

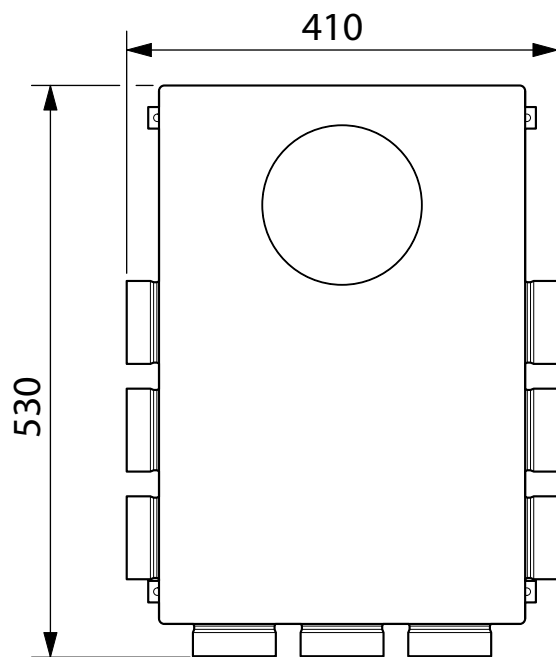
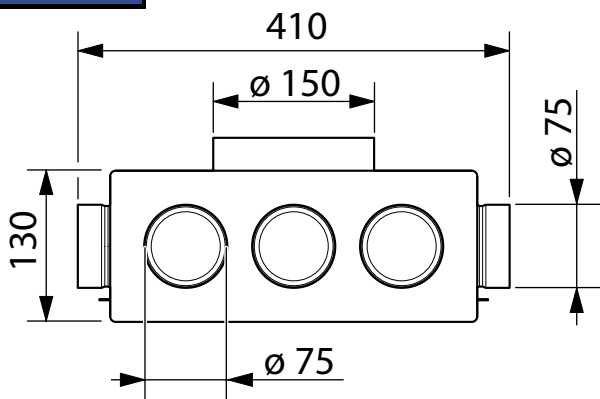
7045240



7045250

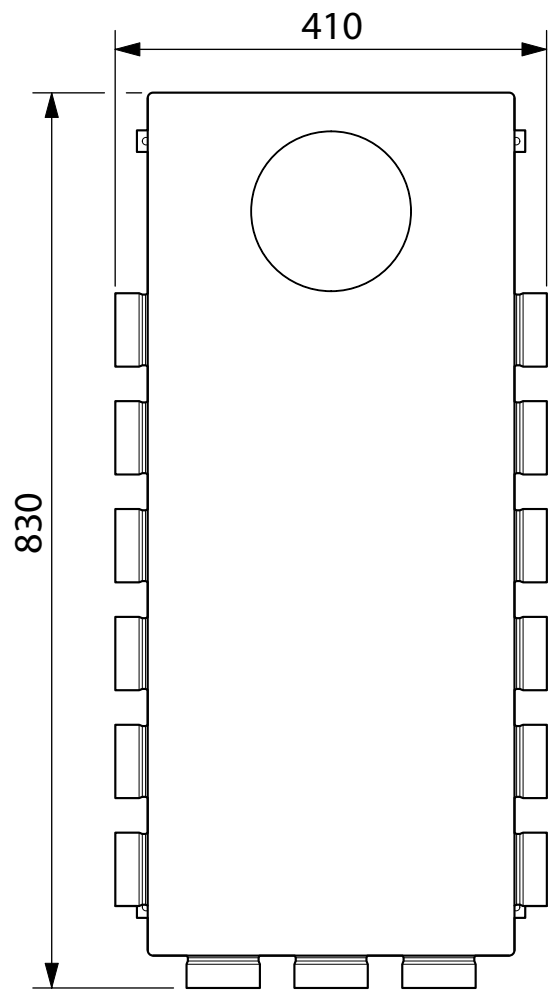
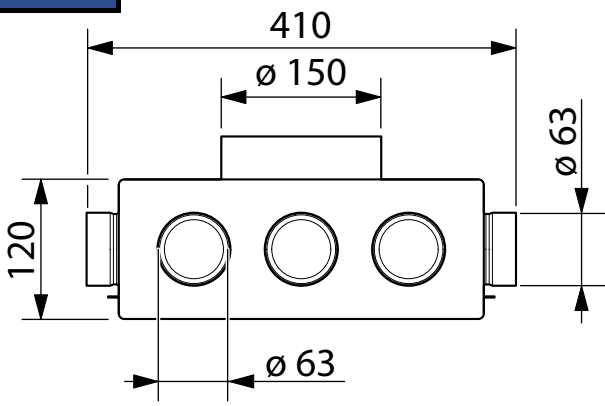


7045255

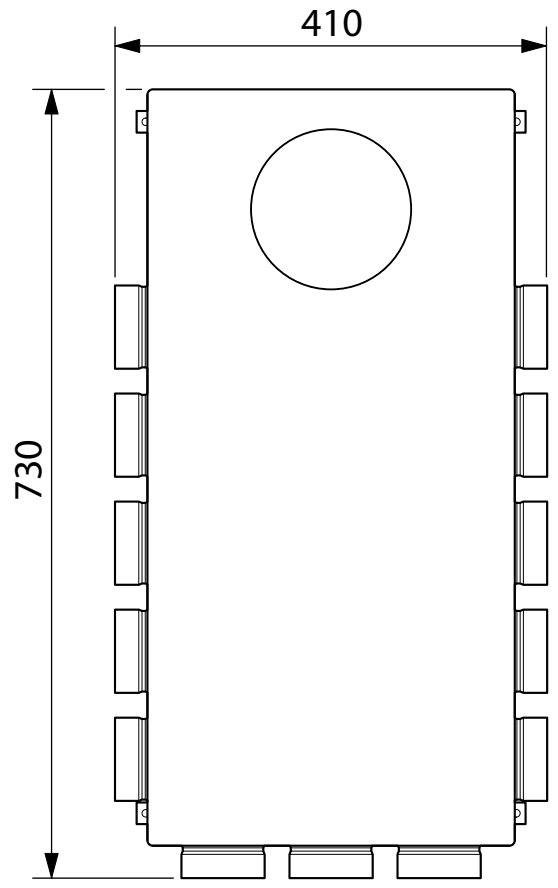
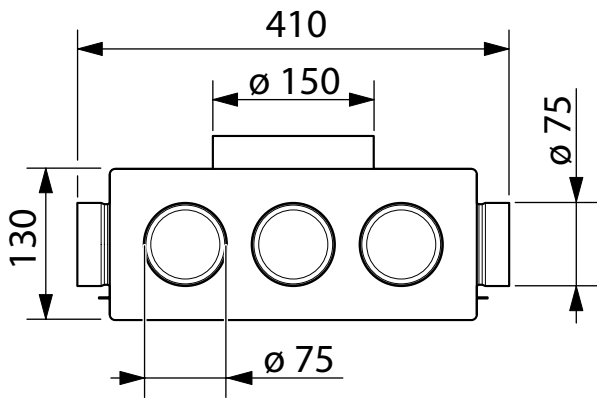




7045260

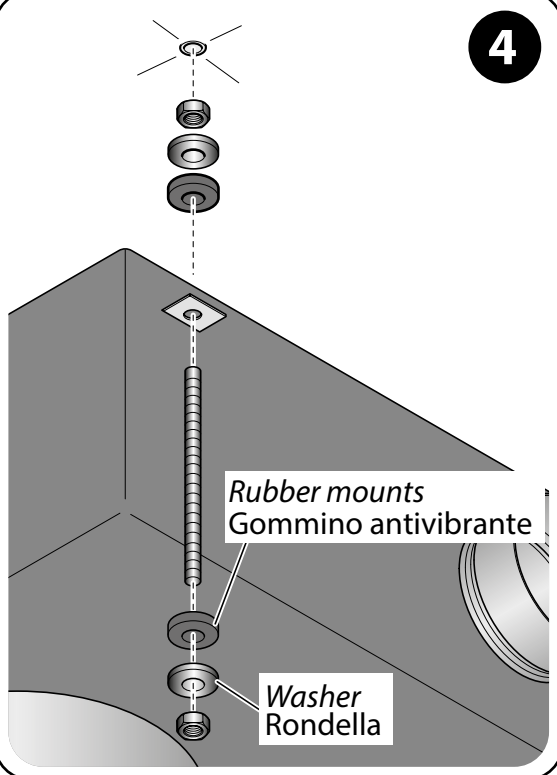
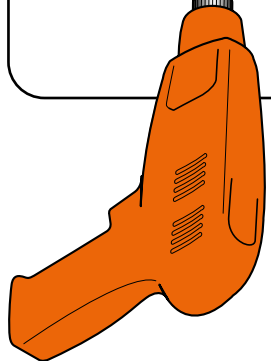
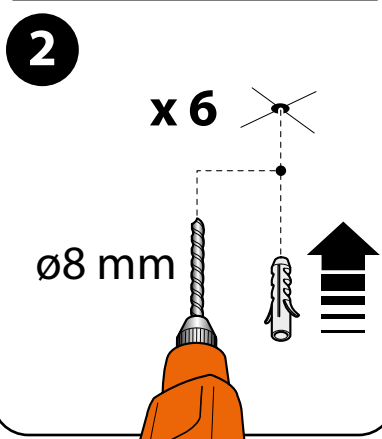
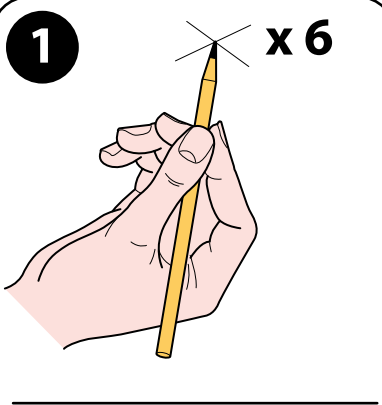
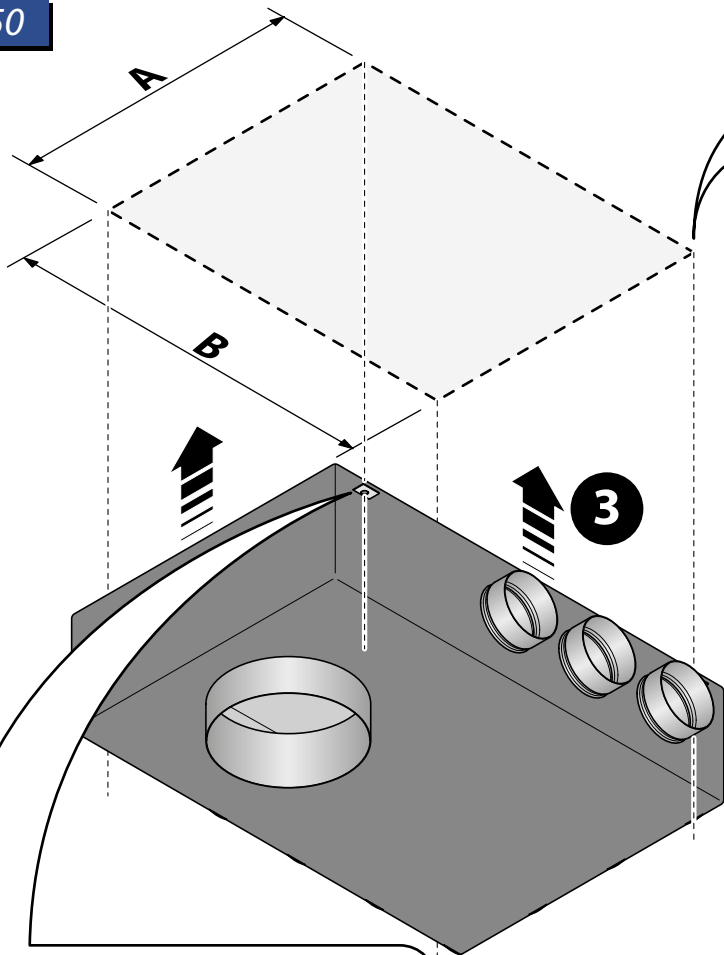


7045265

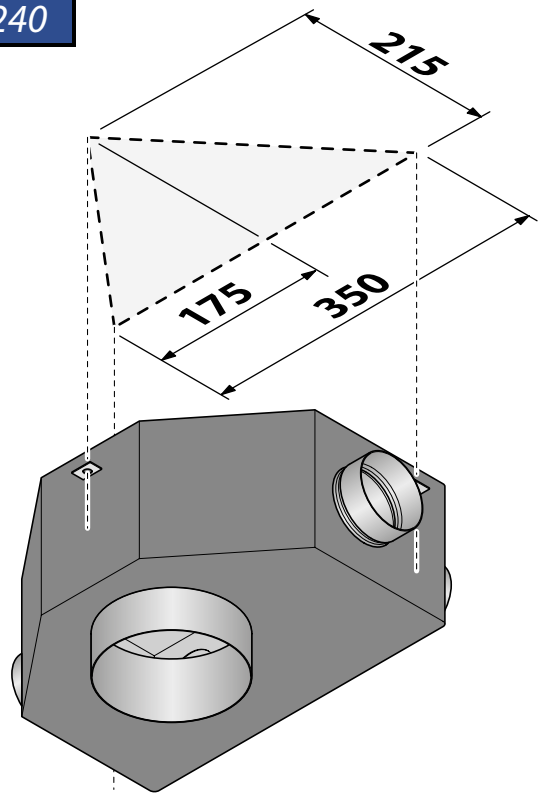




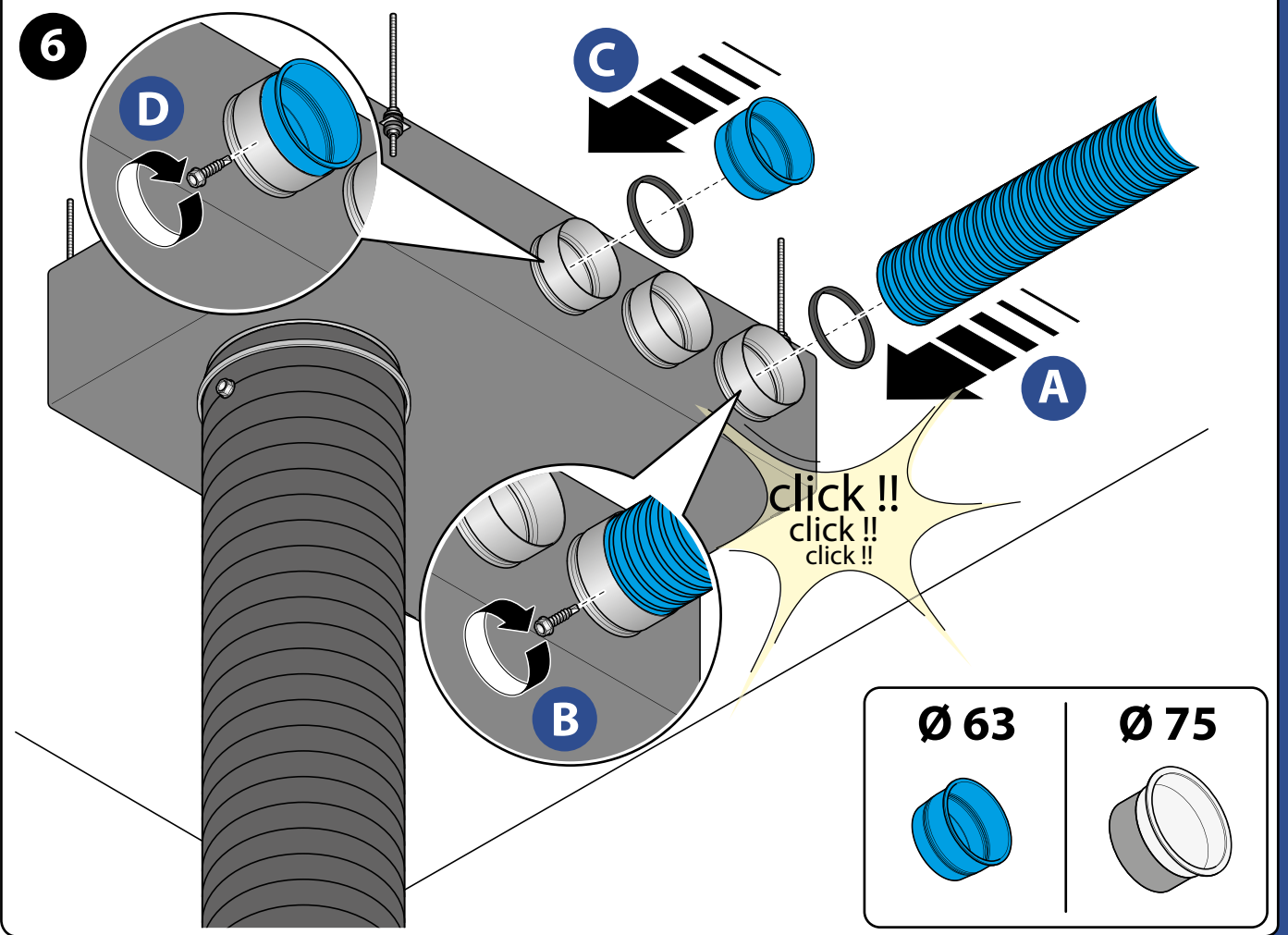
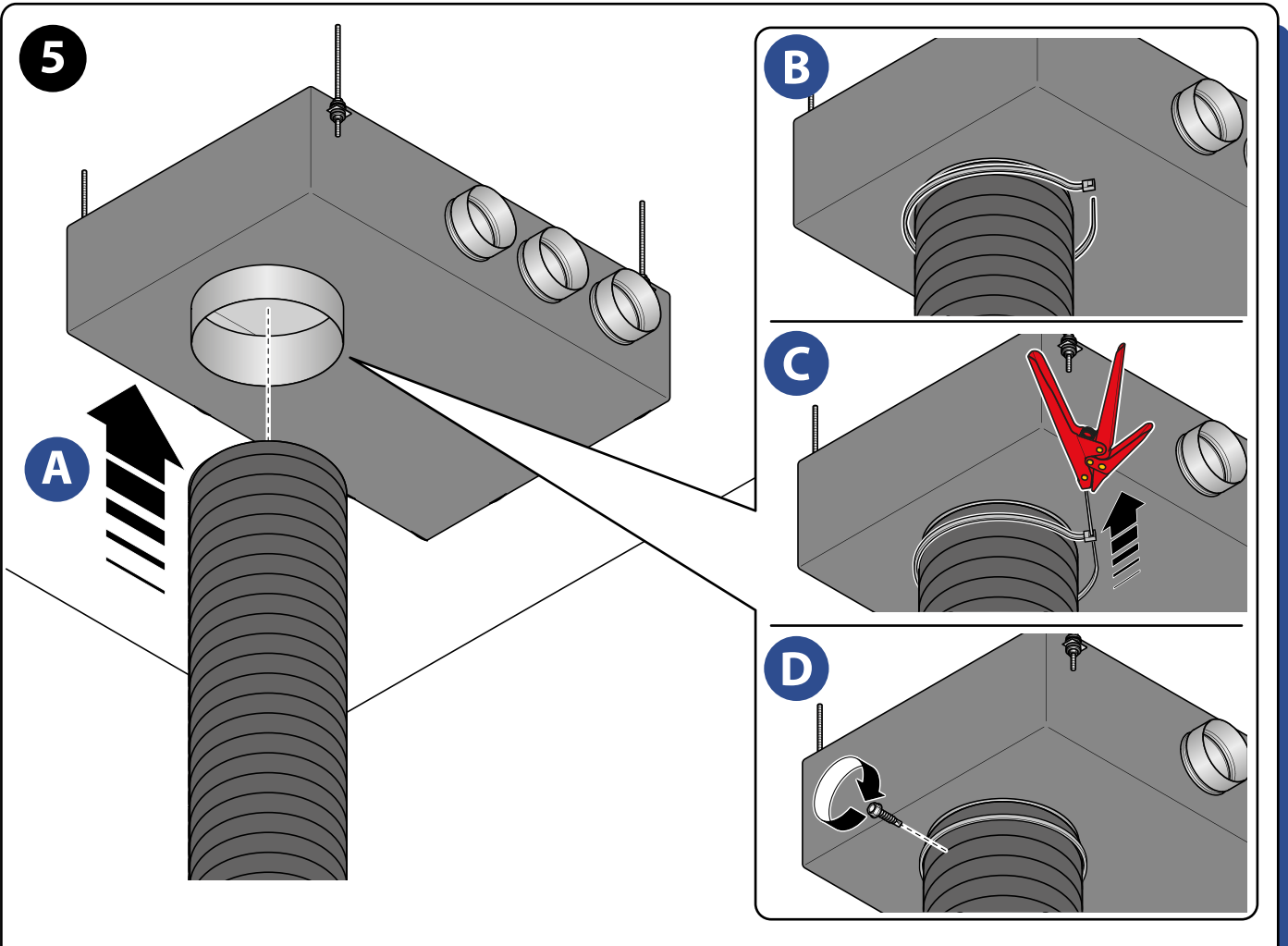
7045250



7045240

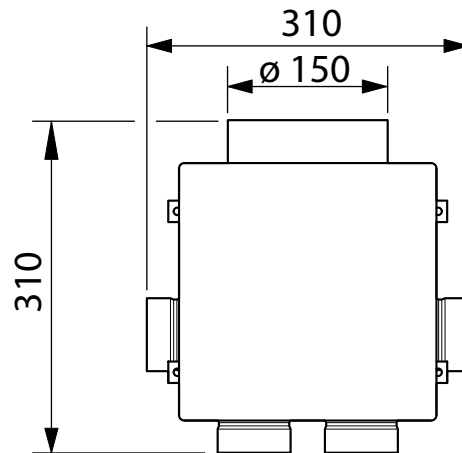
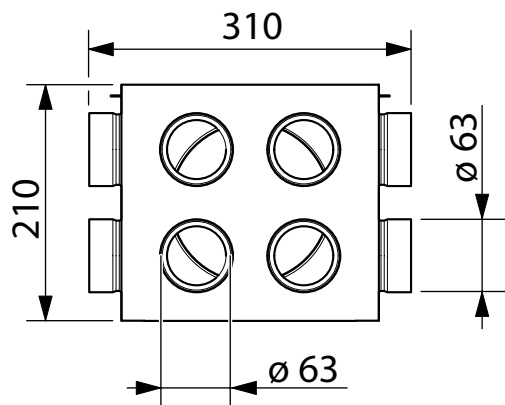


Cod.	A	B
7045250	365	430
7045255	365	432
7045260	365	735
7045265	365	635

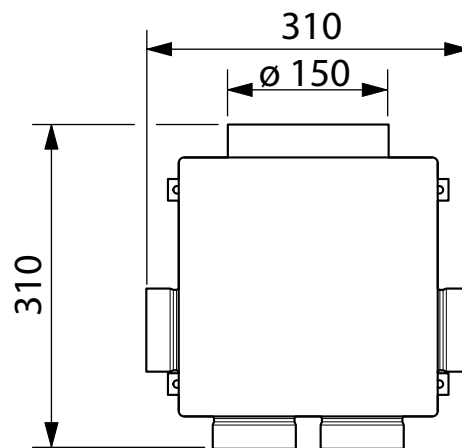
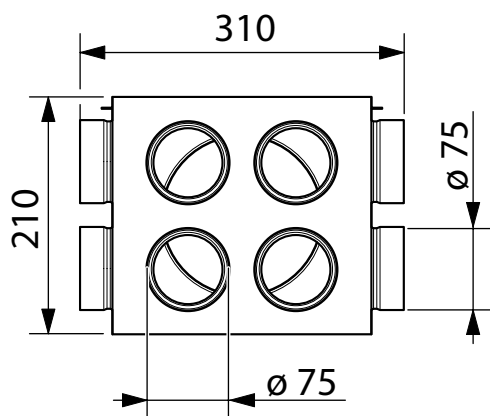




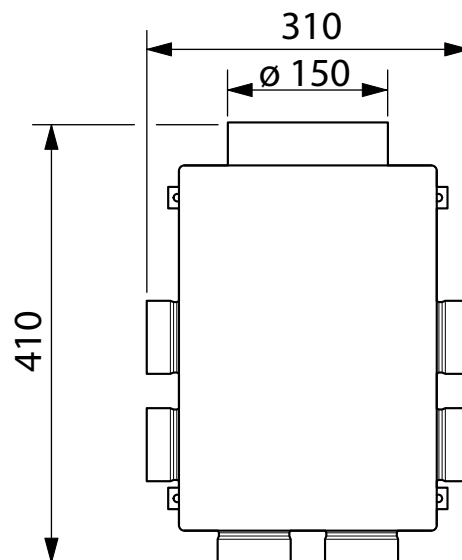
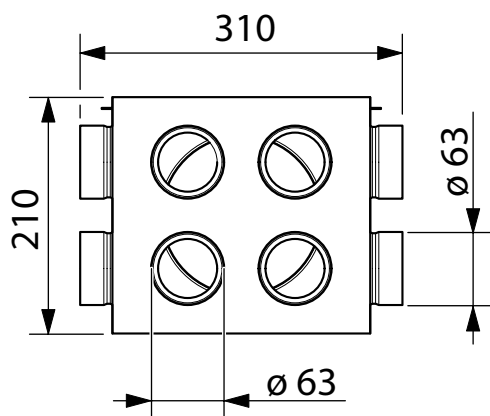
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7045275

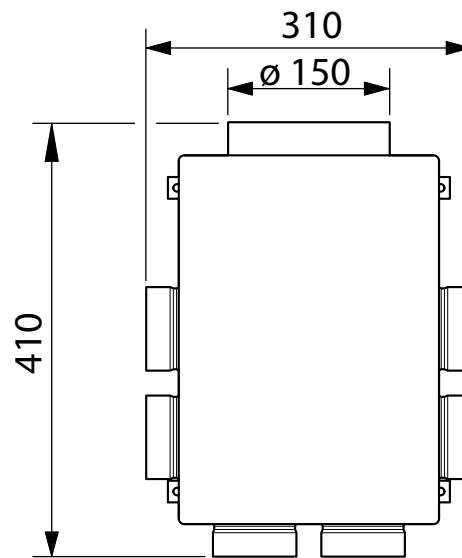
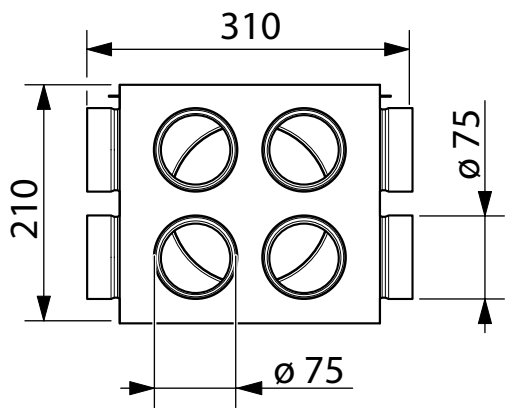


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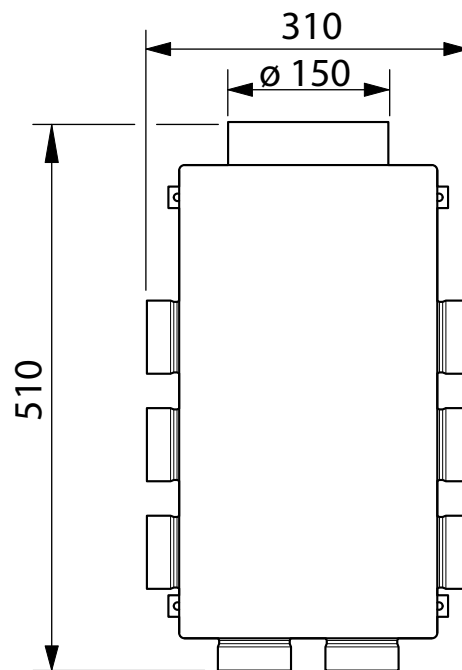
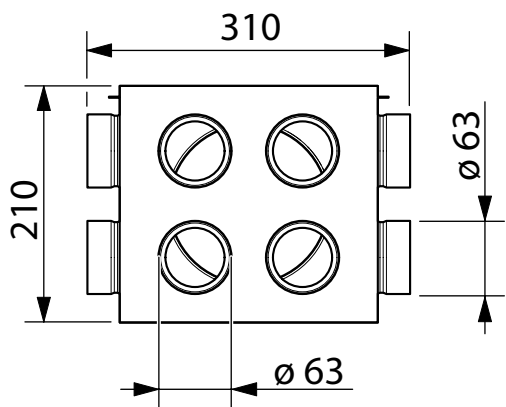




7045285

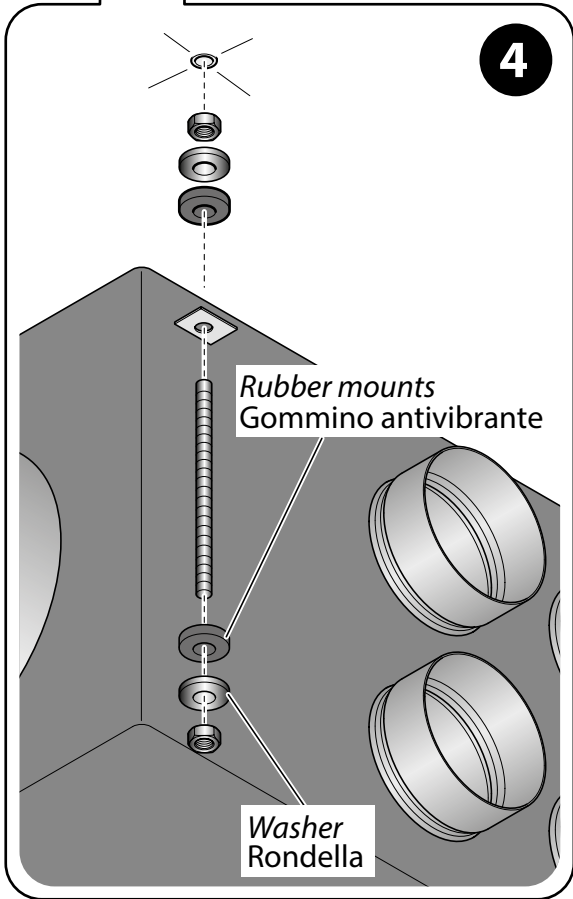
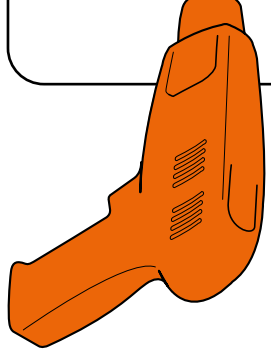
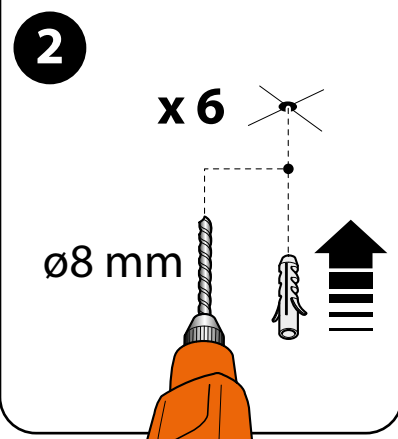
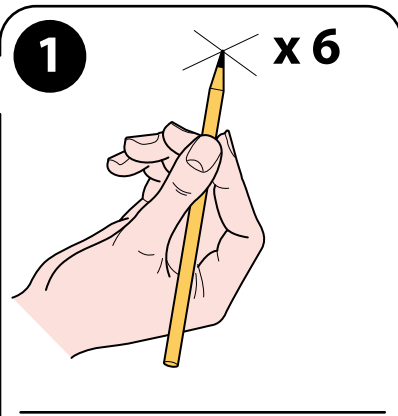
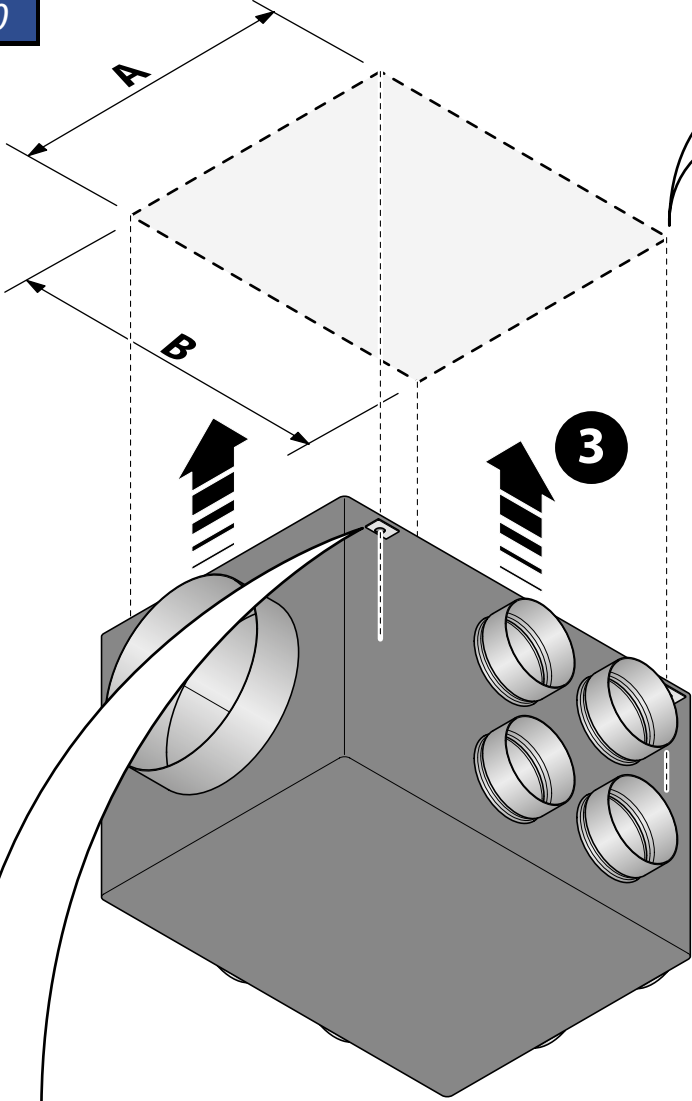


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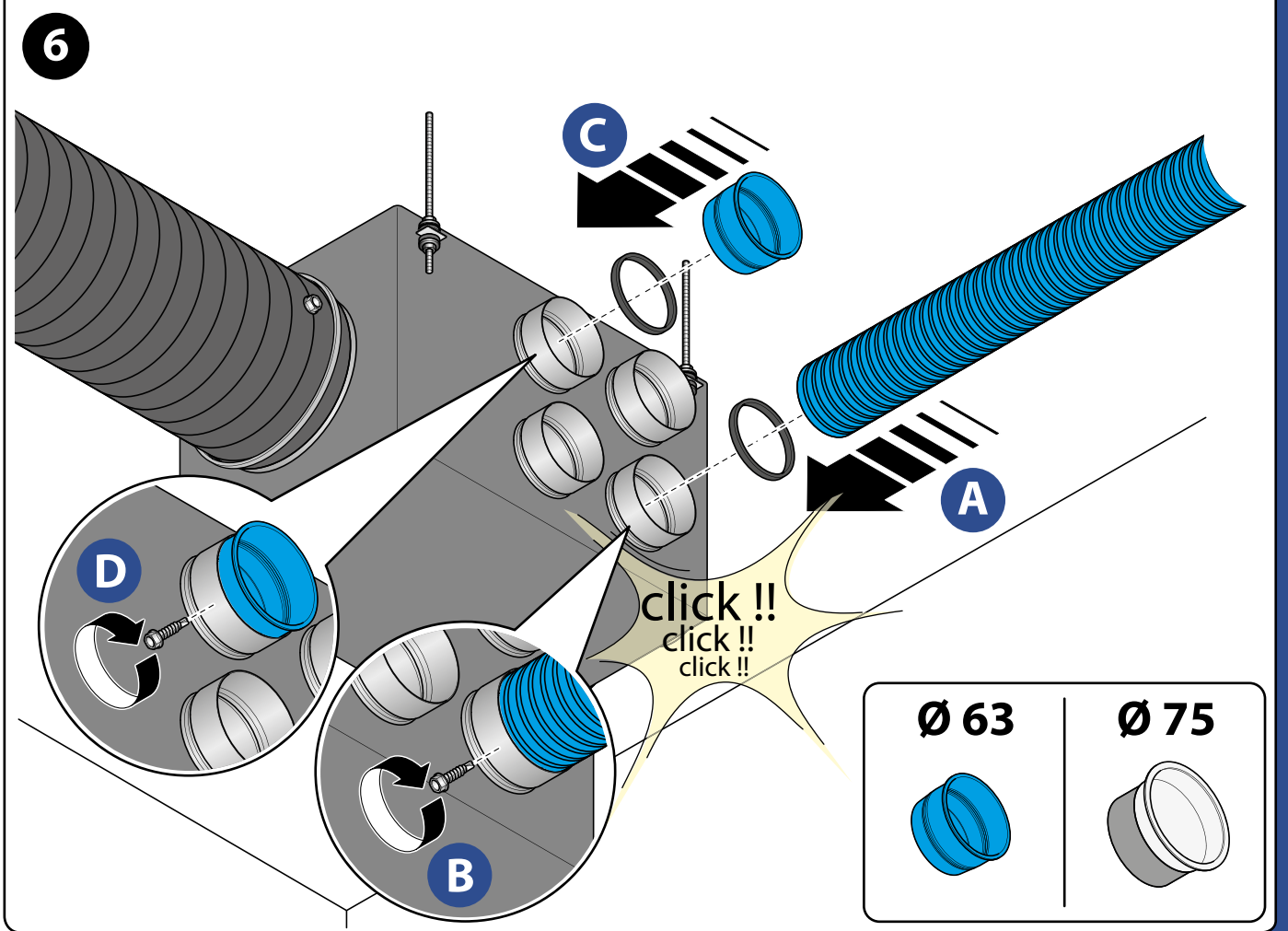
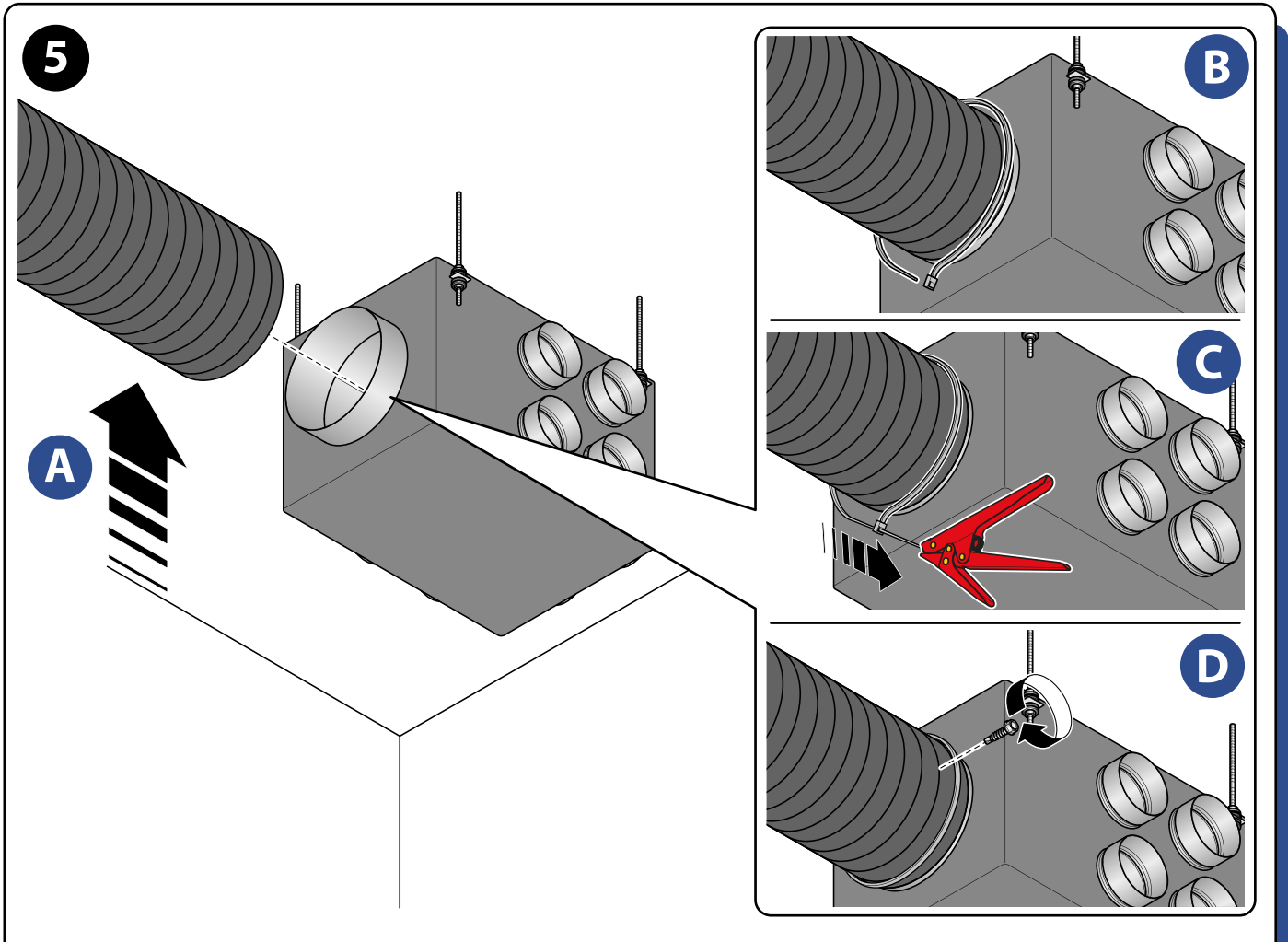




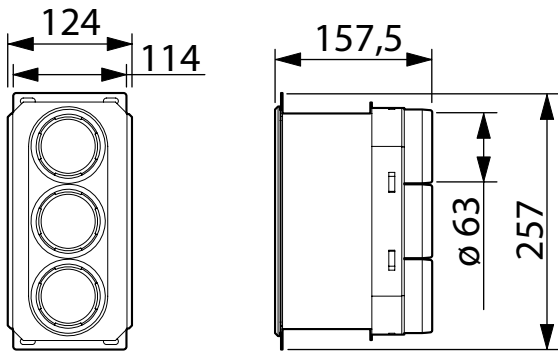
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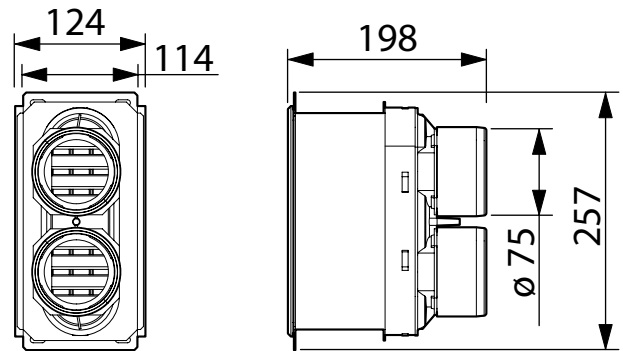
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7045275	265	175
7045280	265	275
7045285	265	275
7045290	265	375



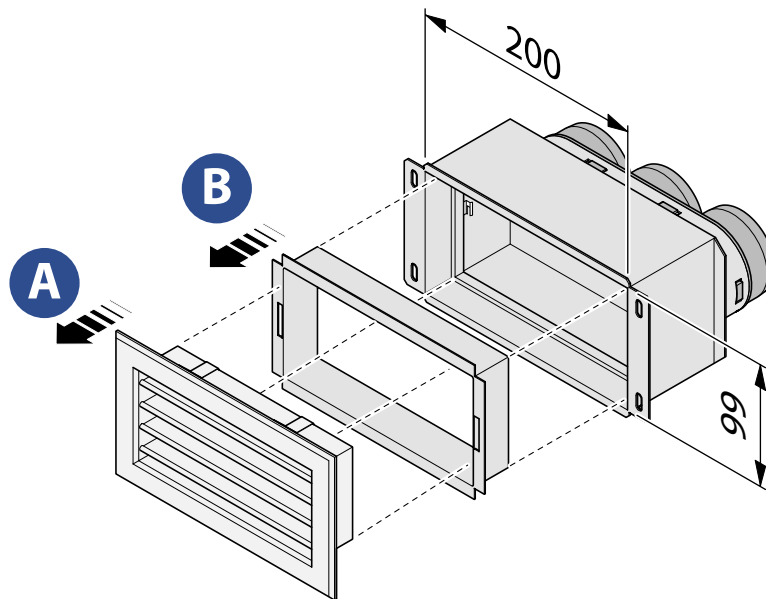
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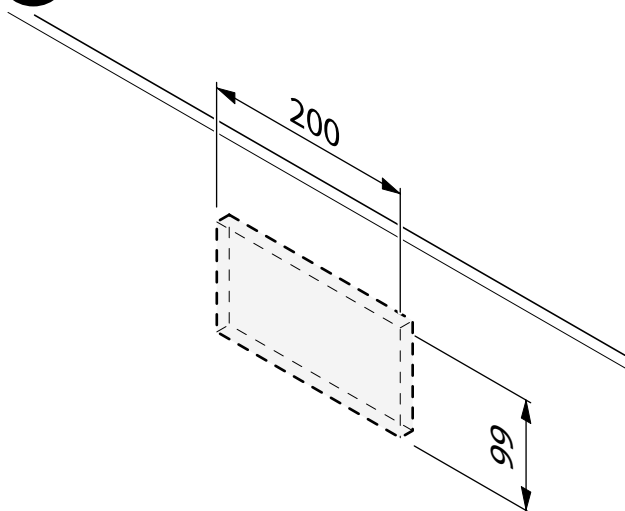
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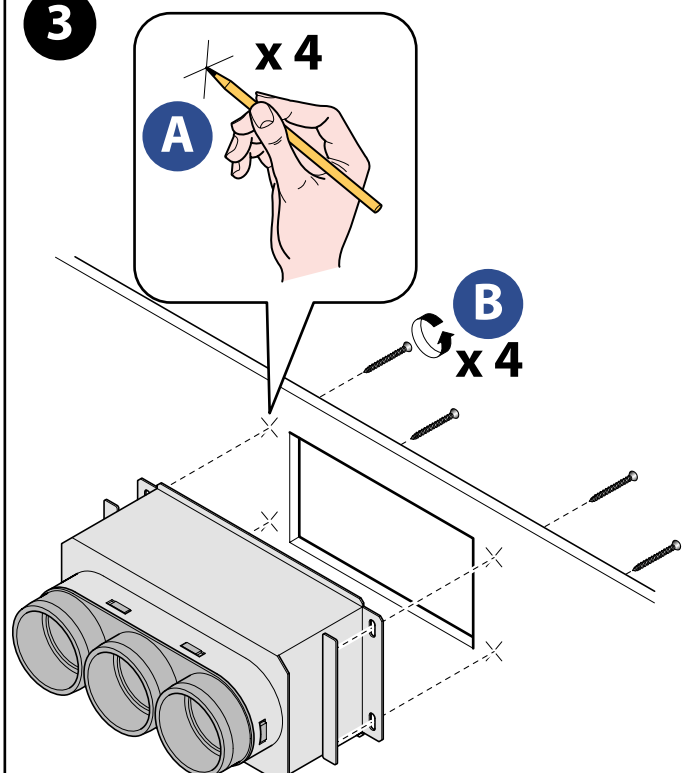
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2

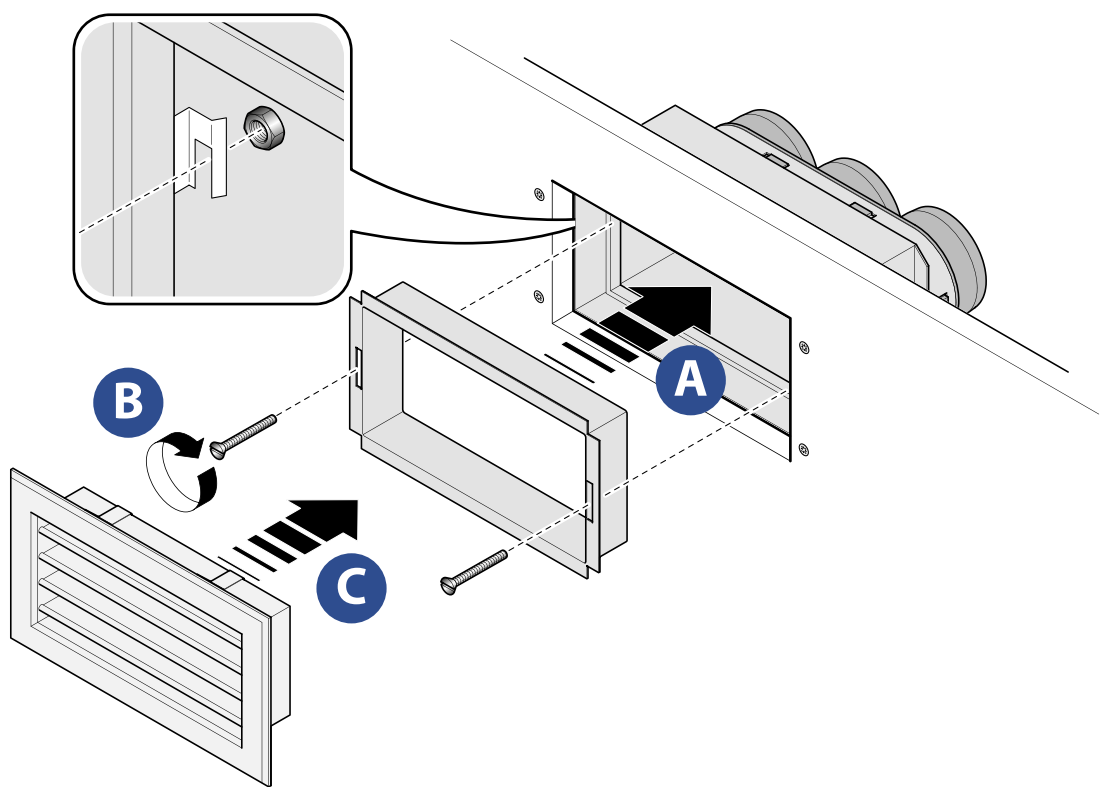


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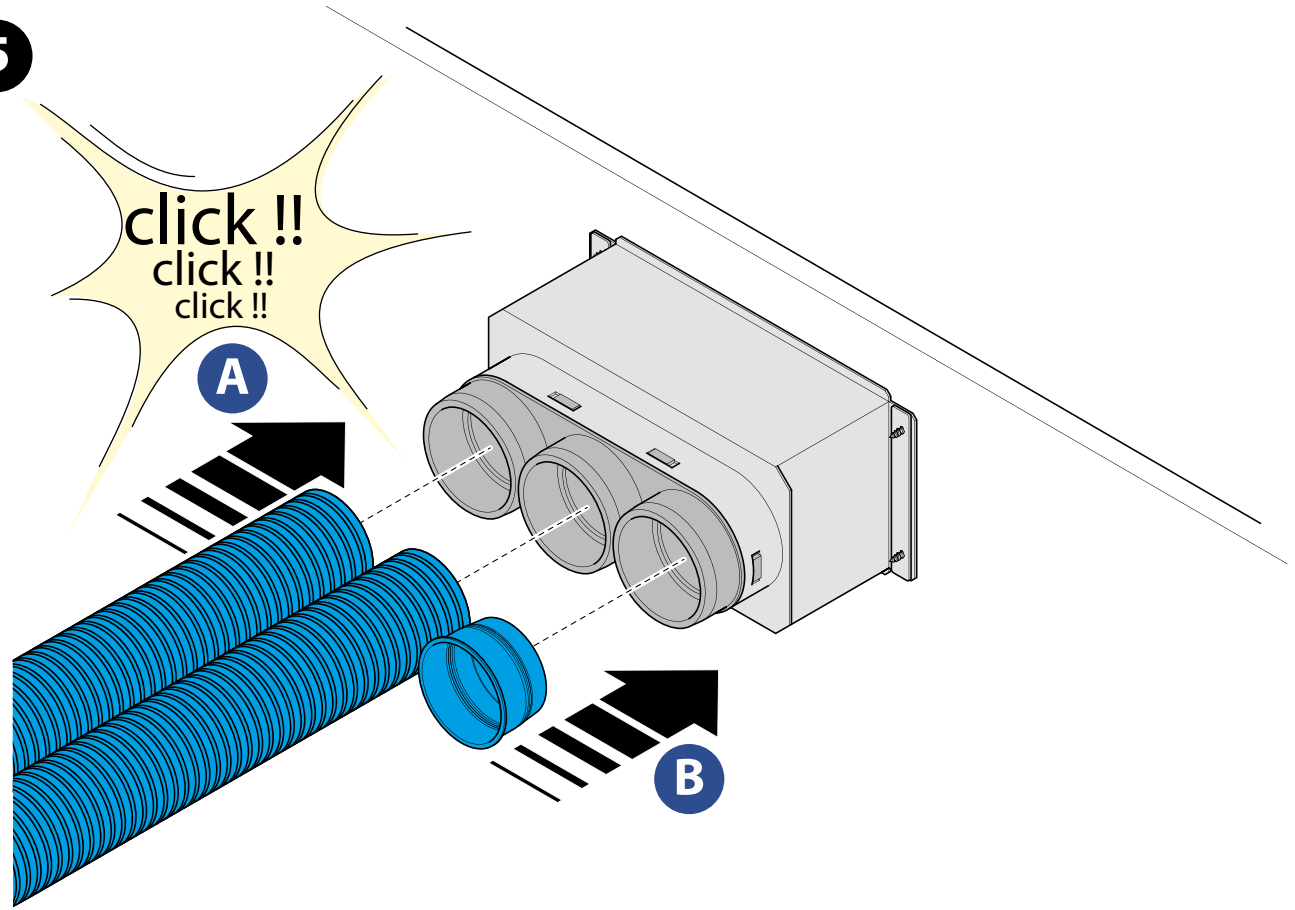




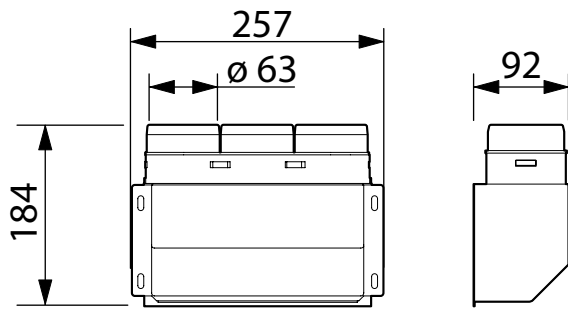
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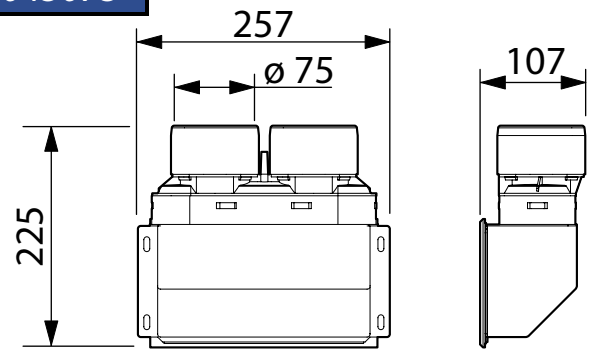
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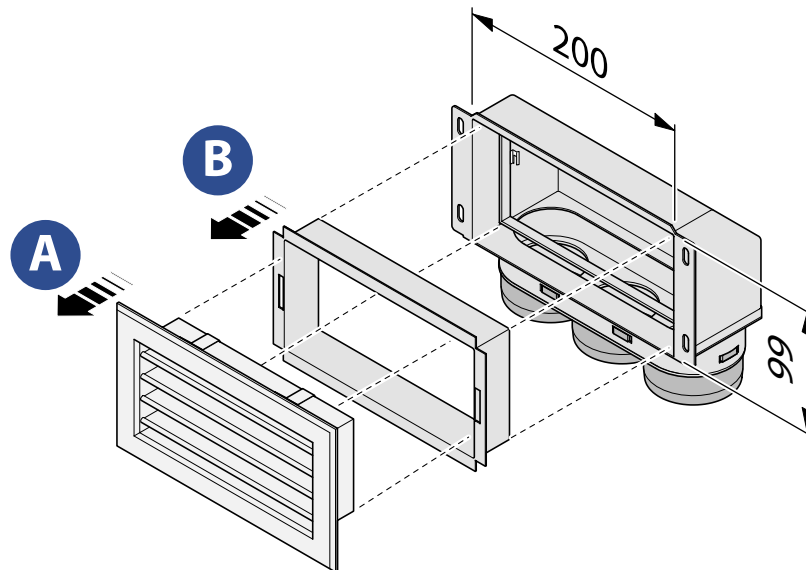
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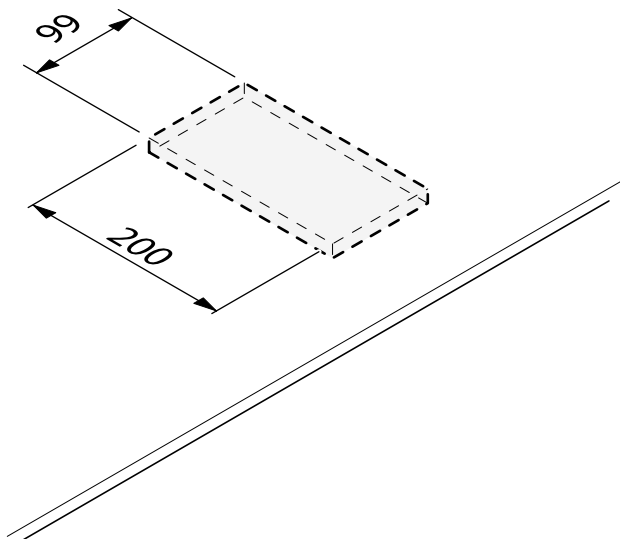
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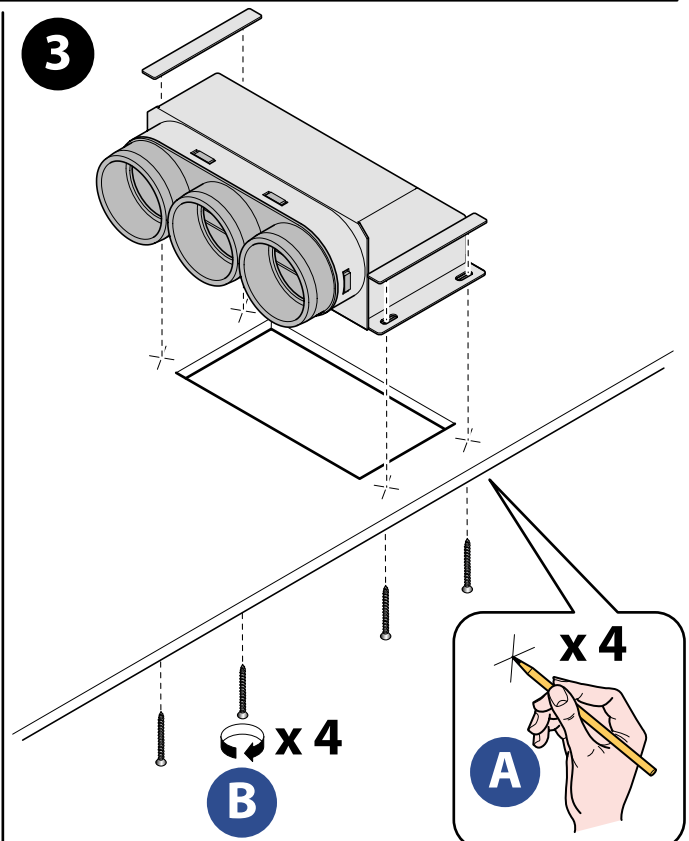
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2

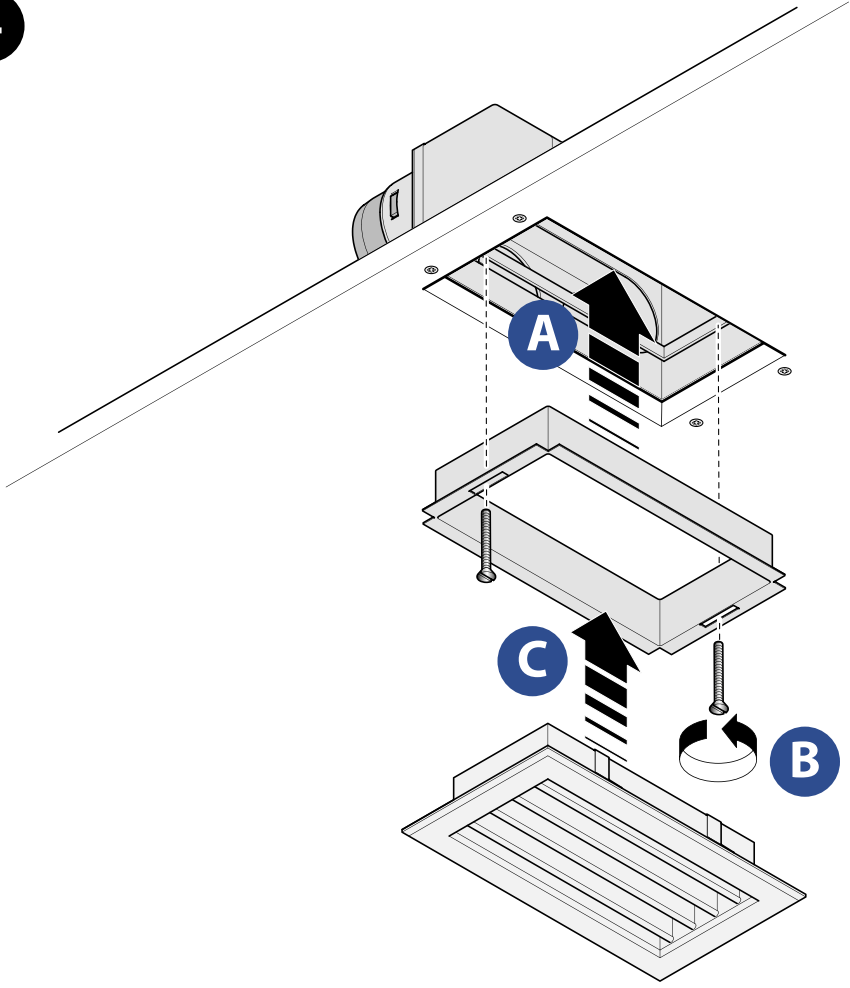


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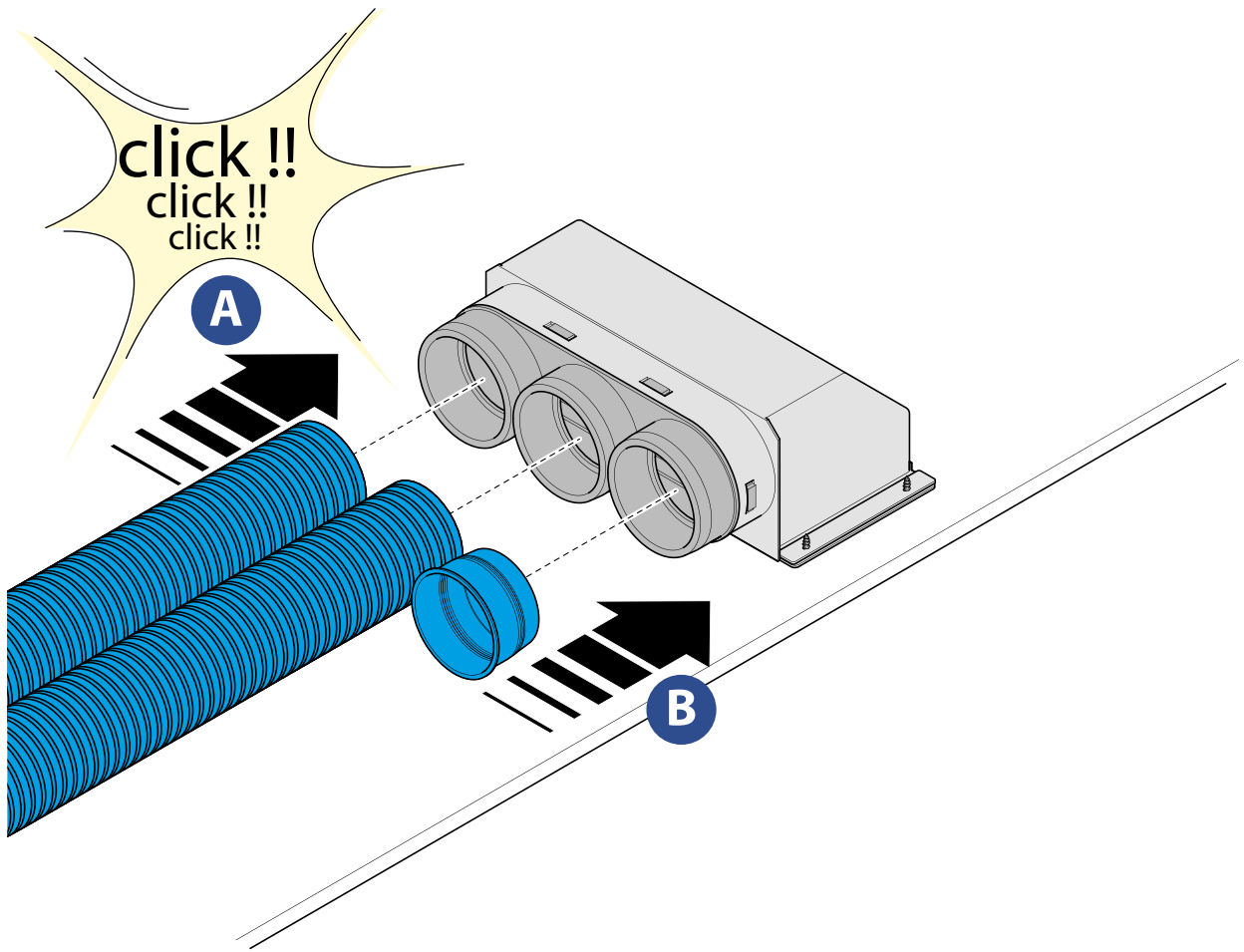




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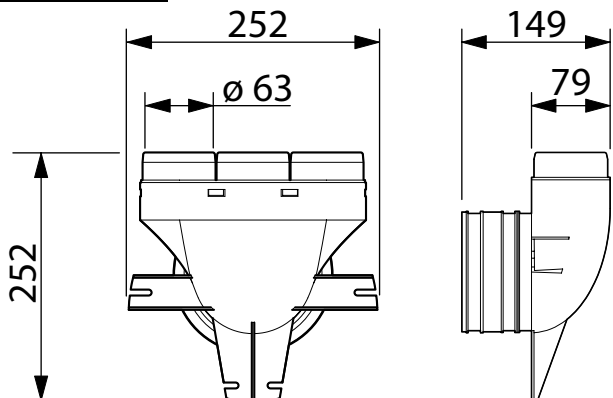
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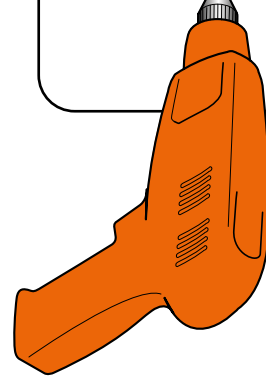
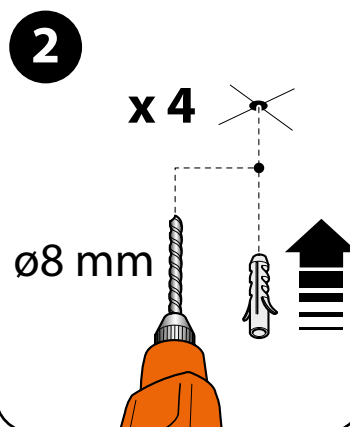
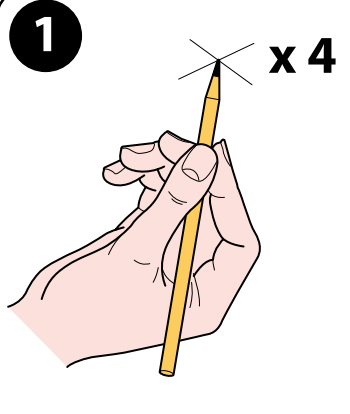
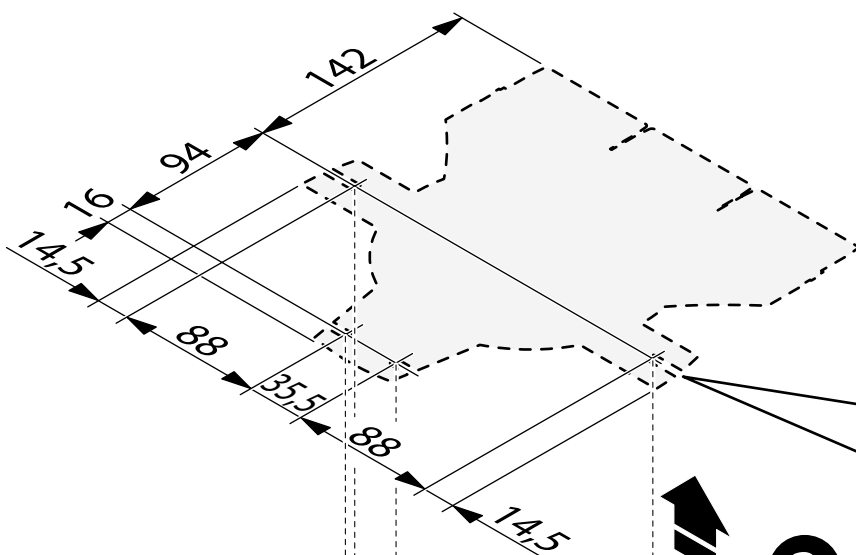
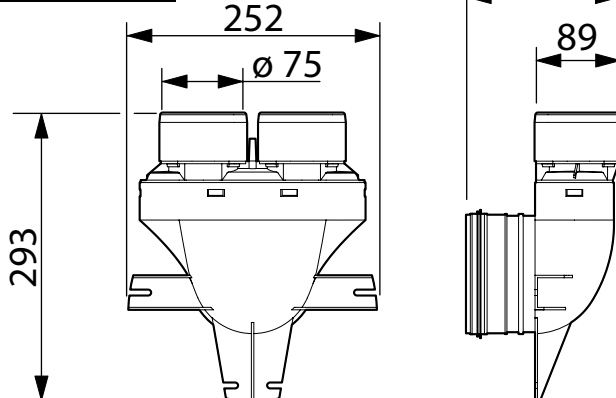


2.7 CEILING VENT  
BOCCHETTA A SOFFITTO

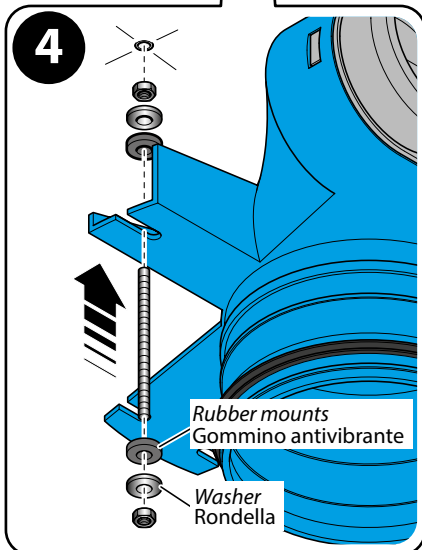
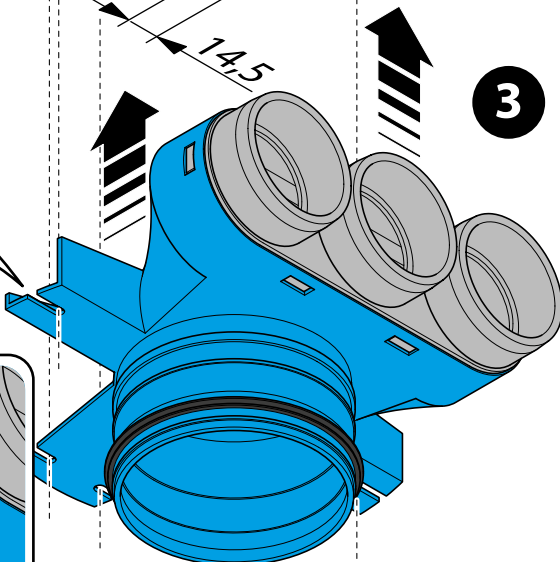
7045330



7045331

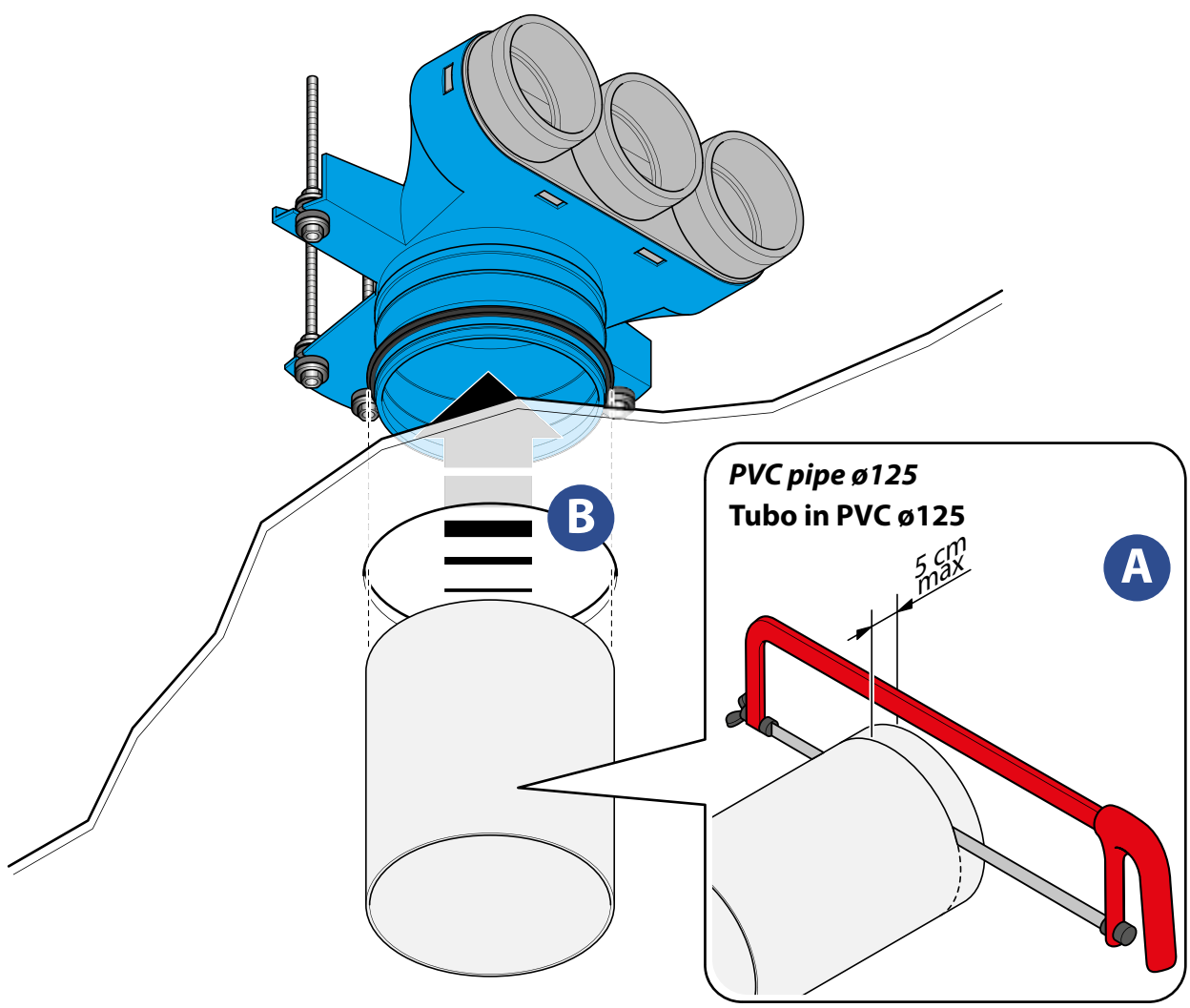


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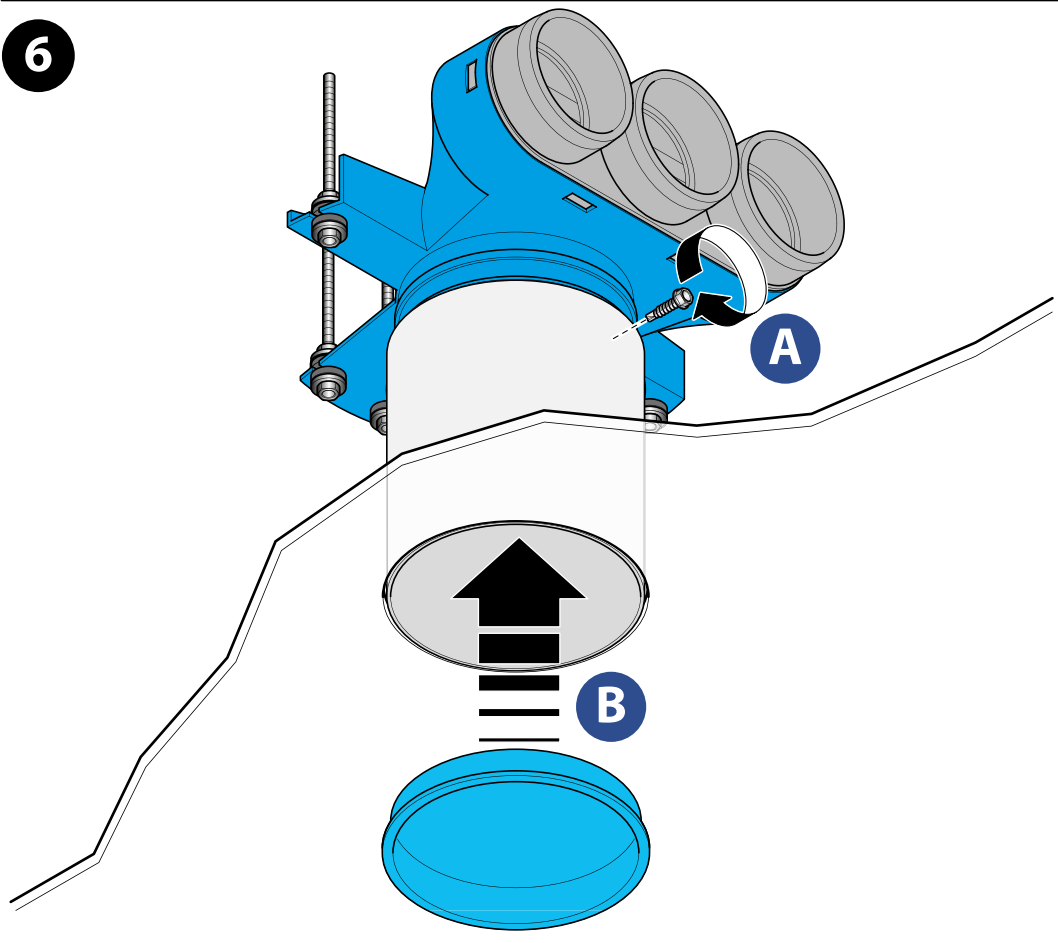


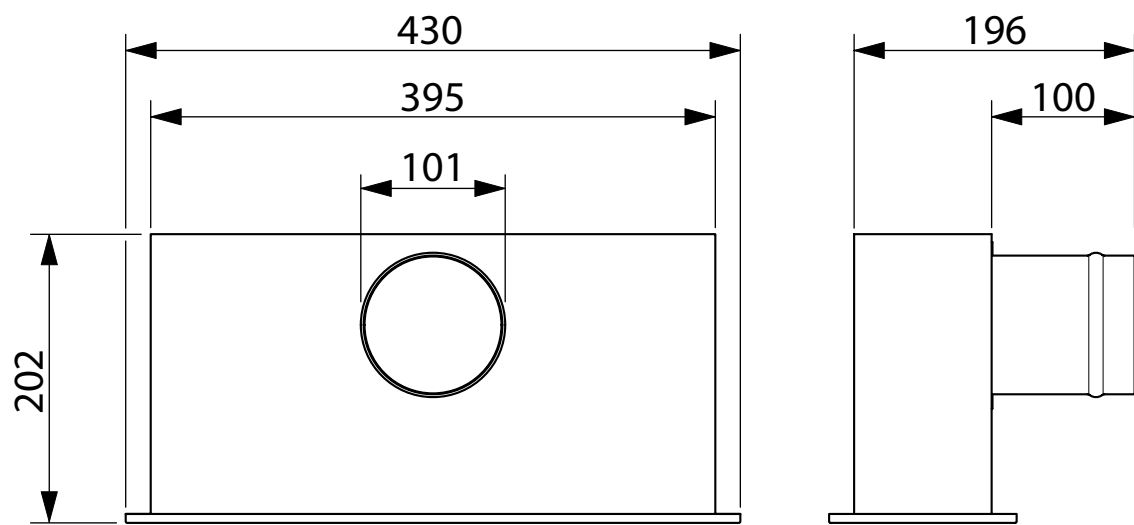
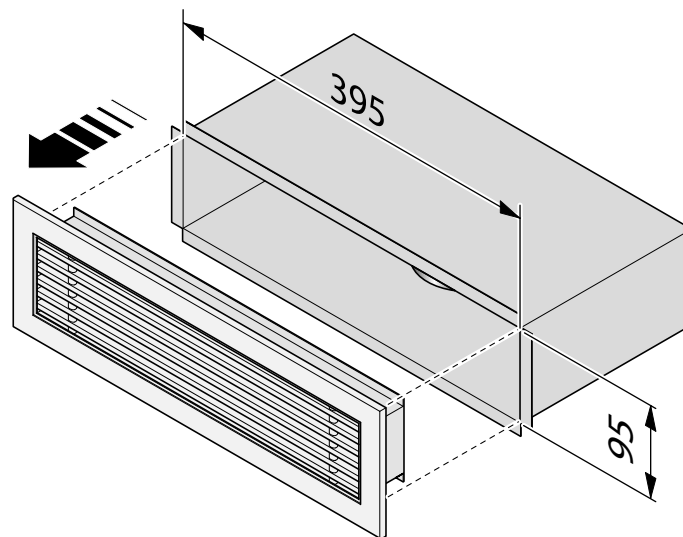
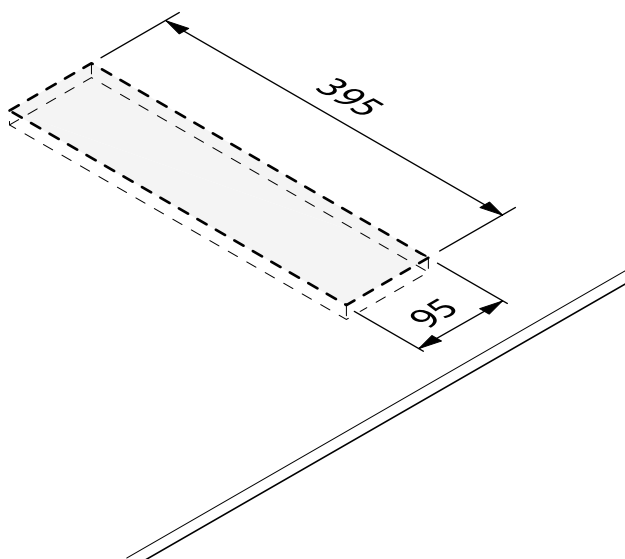
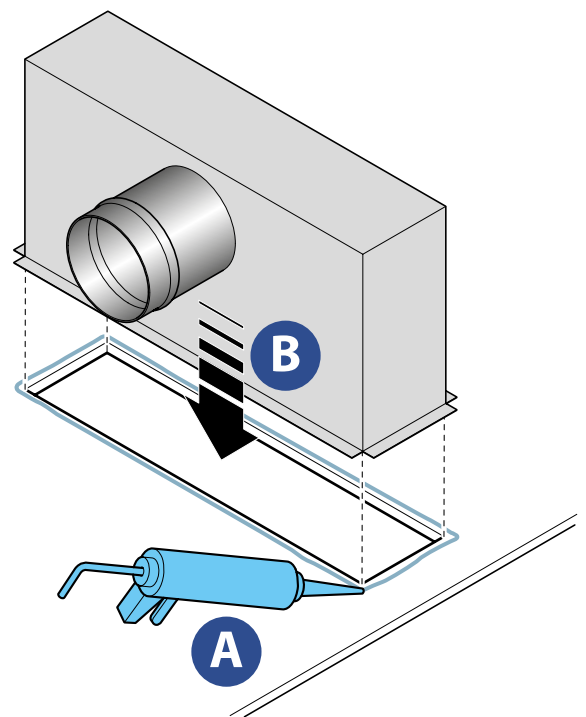


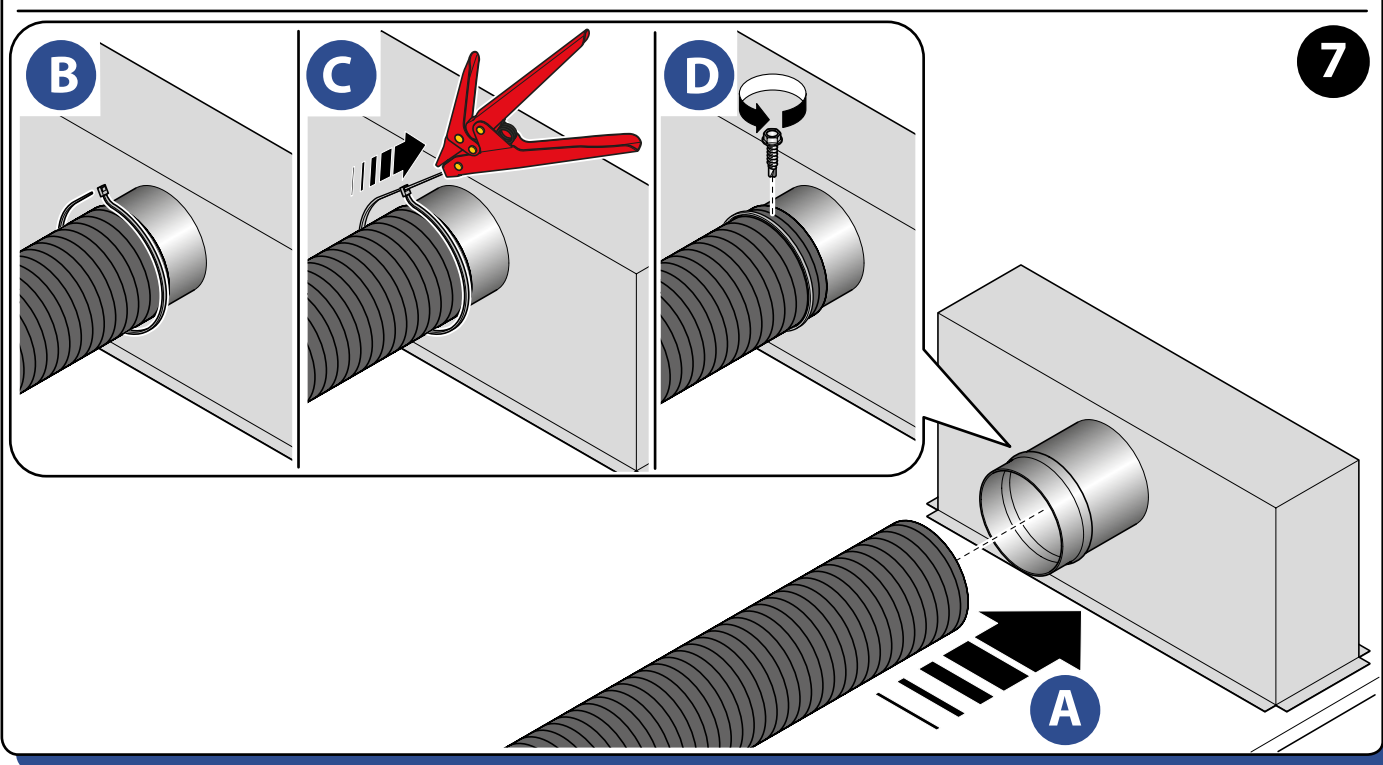
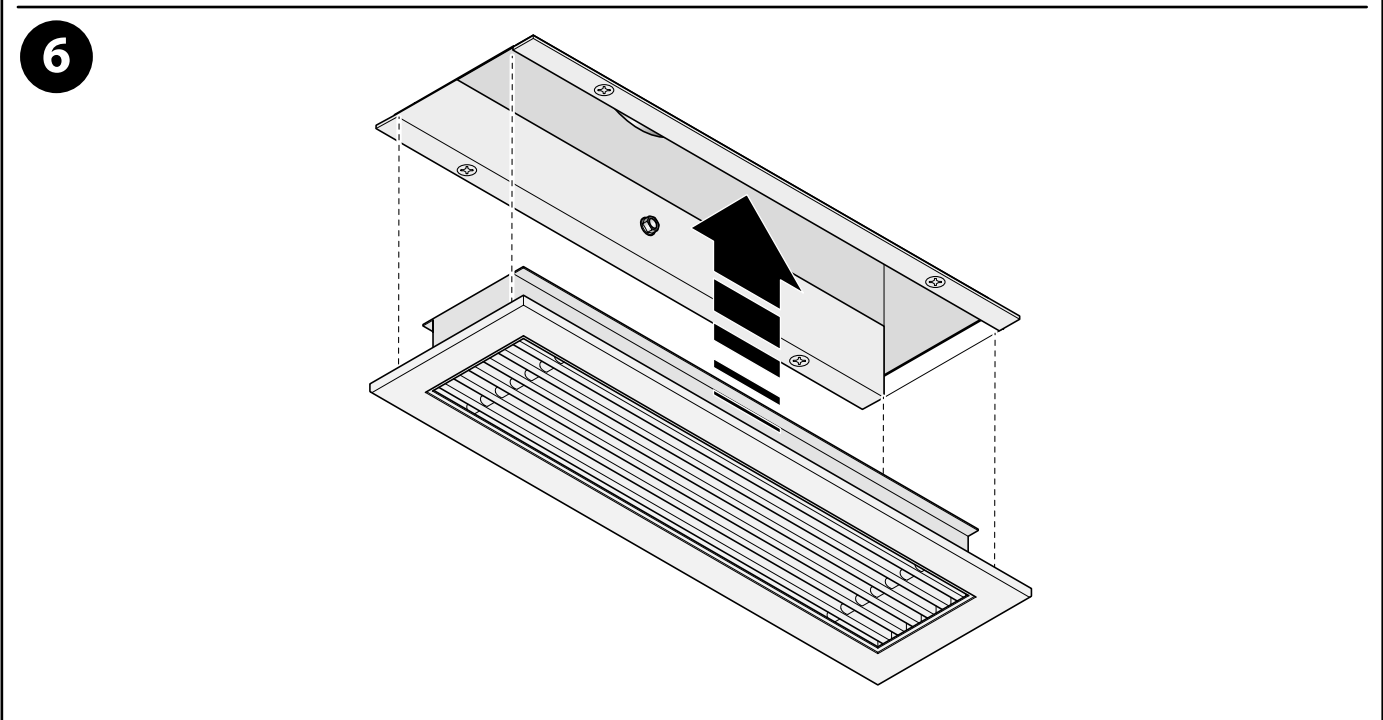
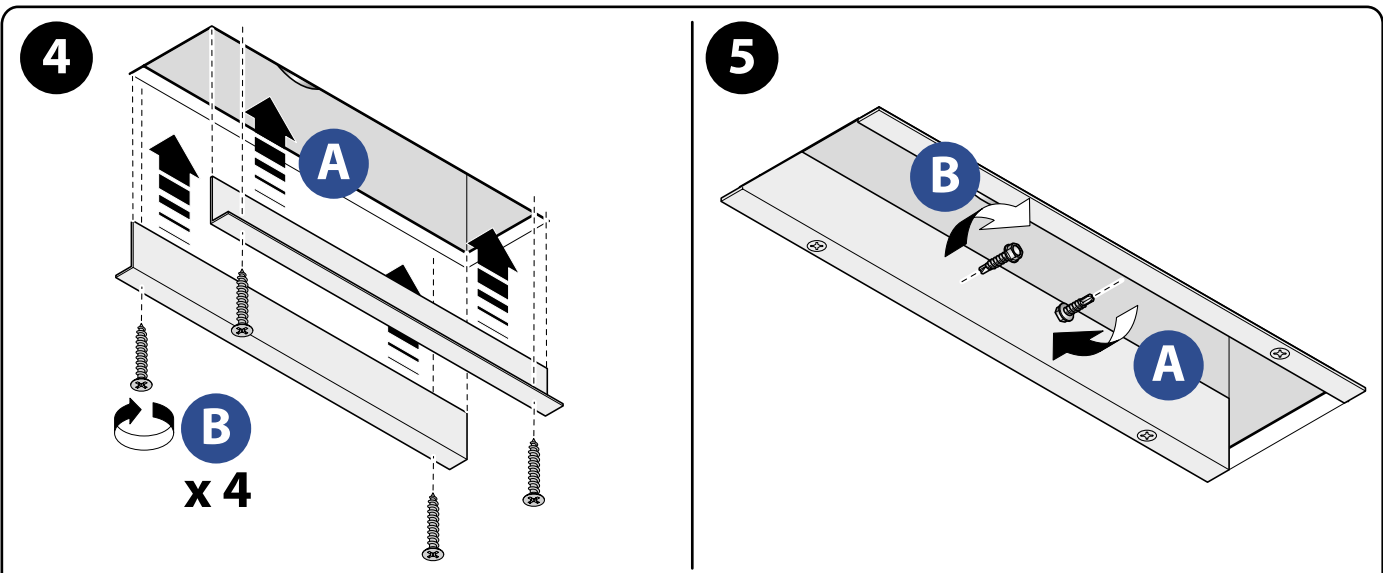
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6



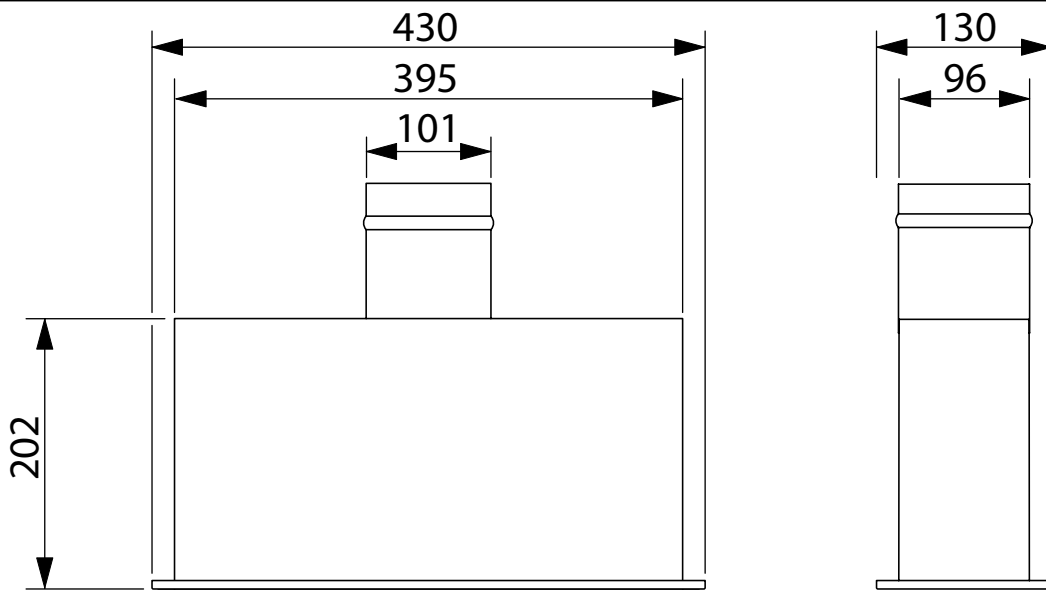
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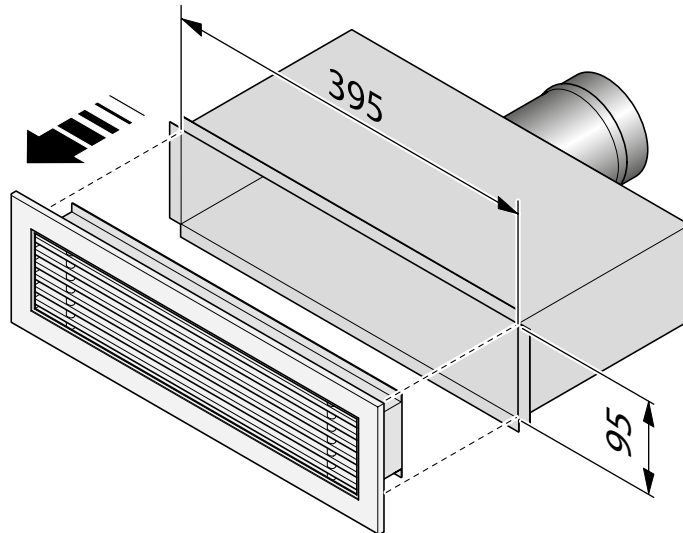


2.9

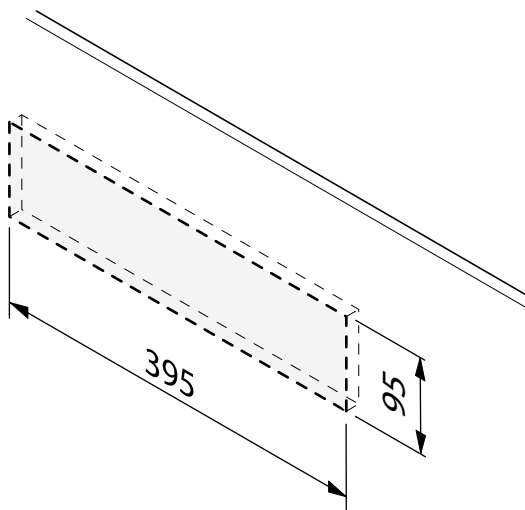
VENT 400x100 WITH REAR CONNECTION Ø100  
BOCCHETTA 400x100 CON ATTACCO POSTERIORE Ø100



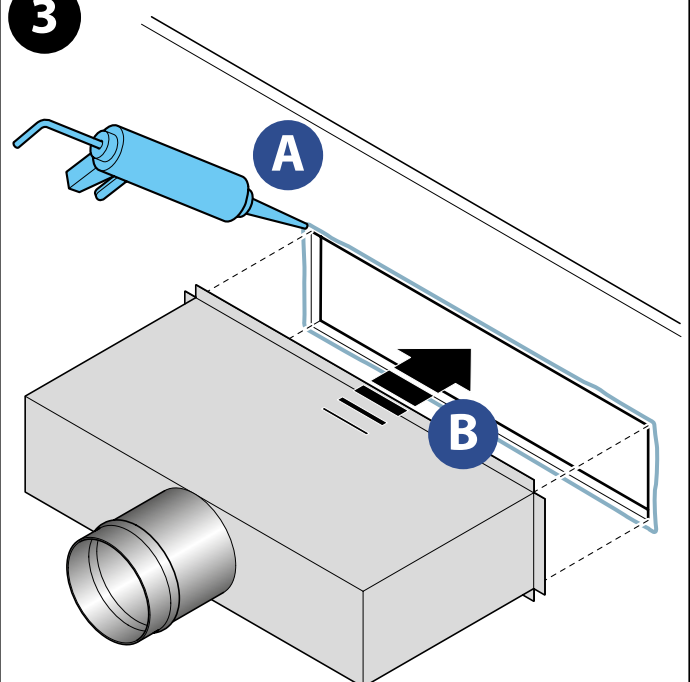
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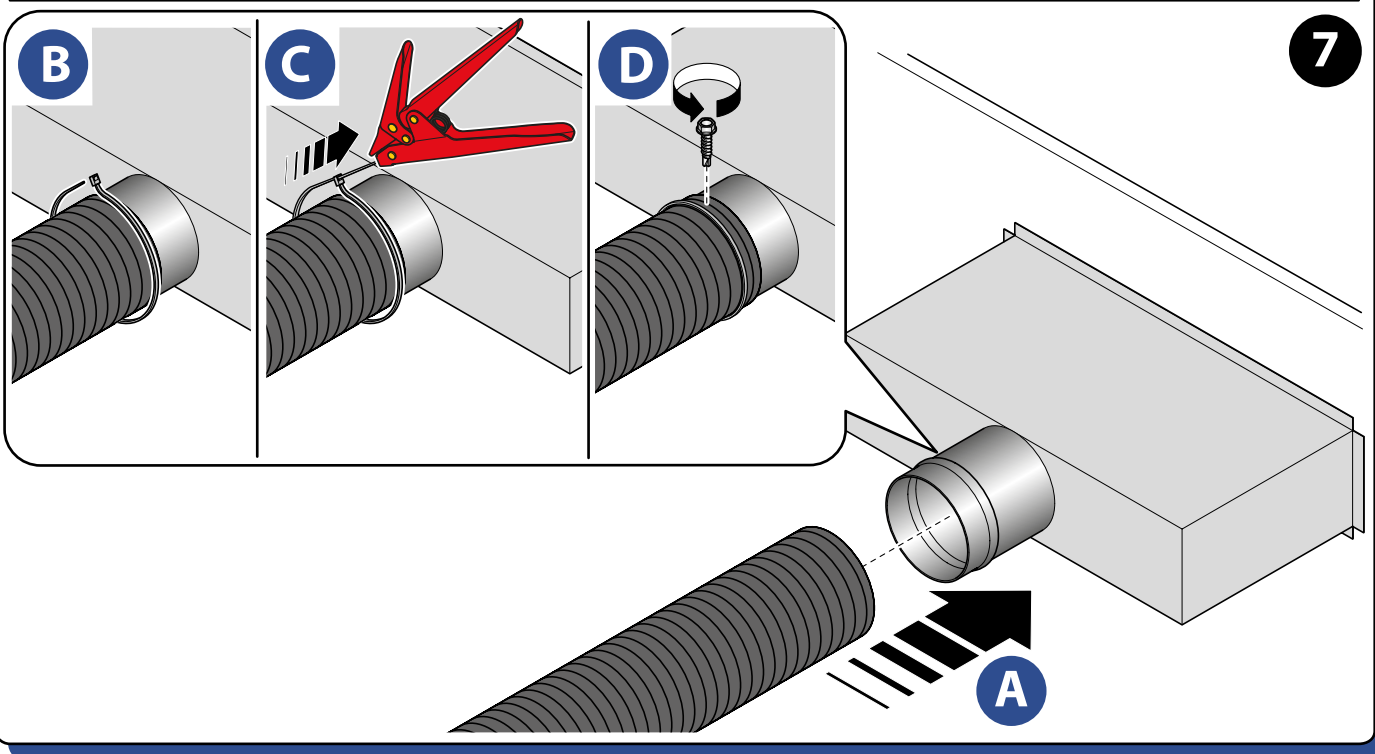
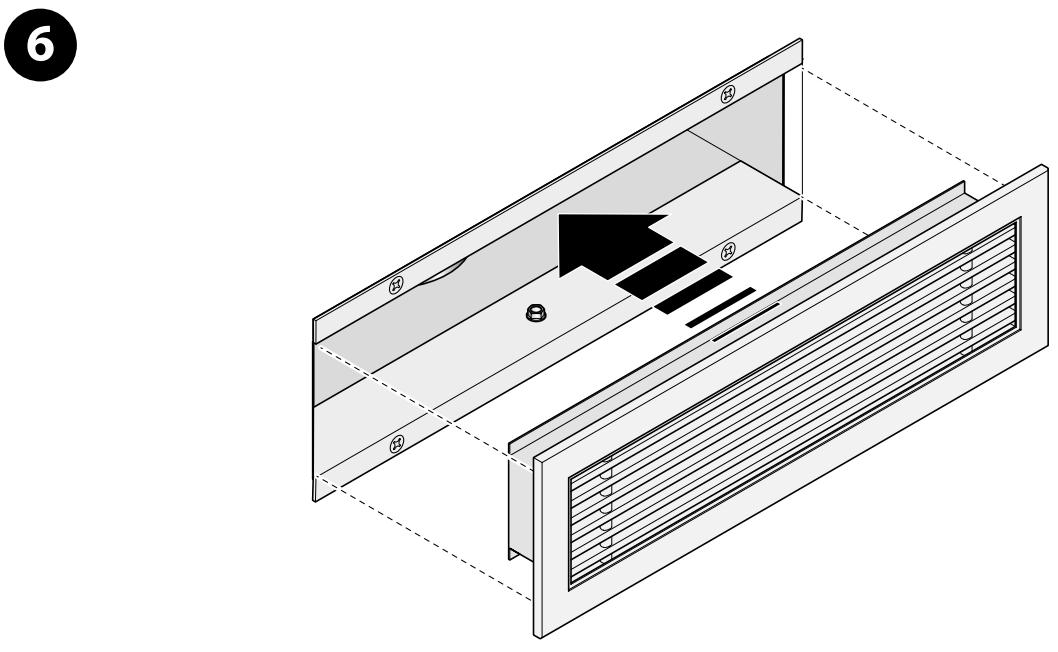
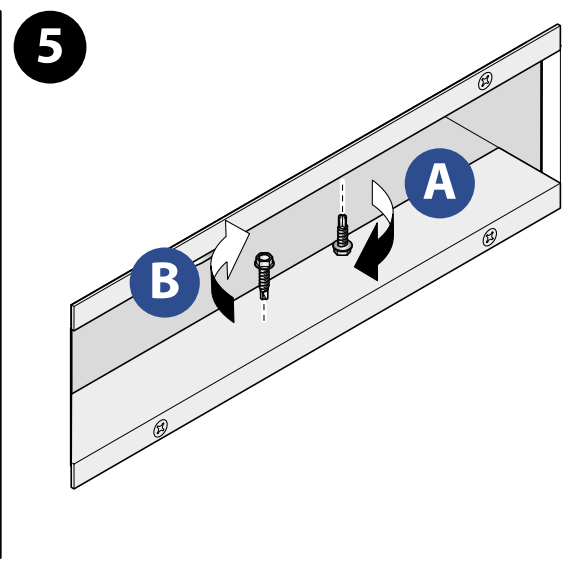
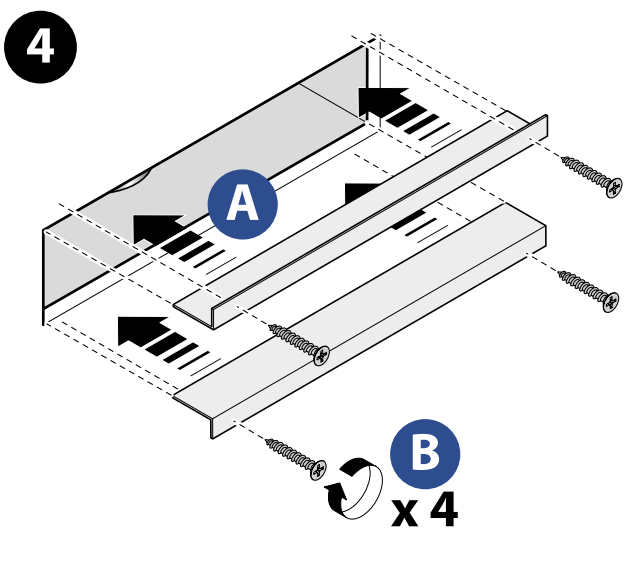


2



3



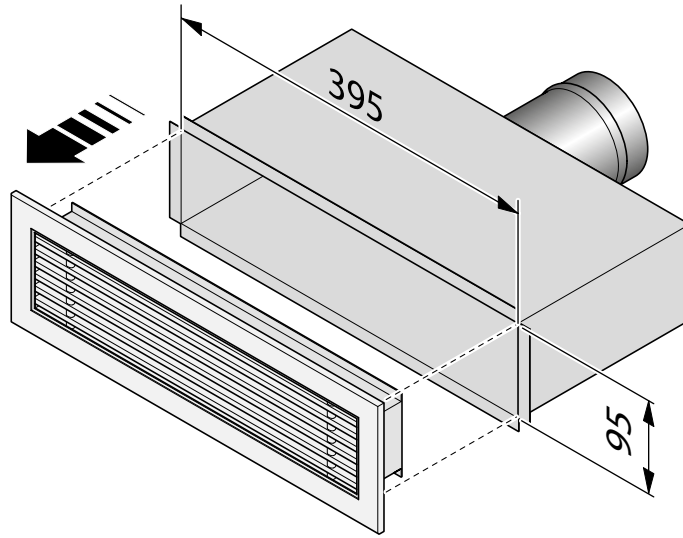




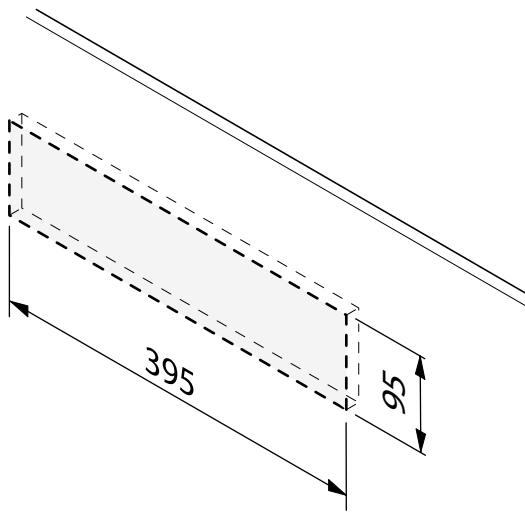
# ALTERNATIVE INSTALLATION

# INSTALLAZIONE ALTERNATIVA

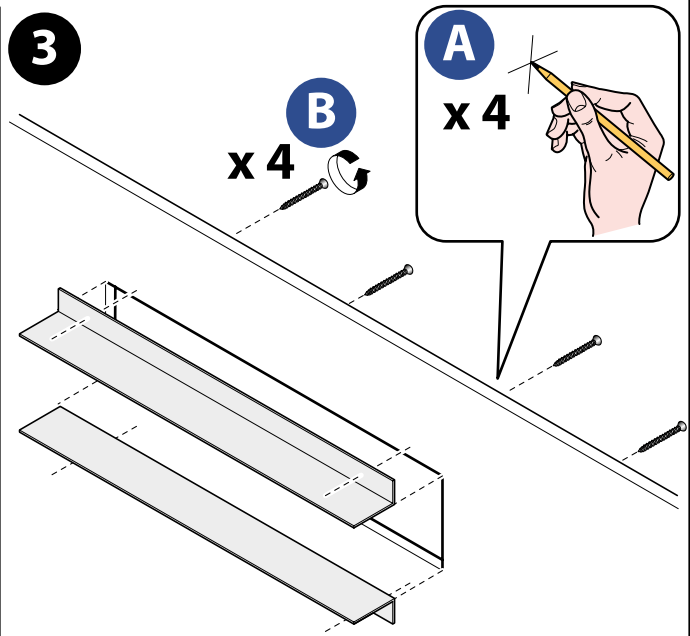
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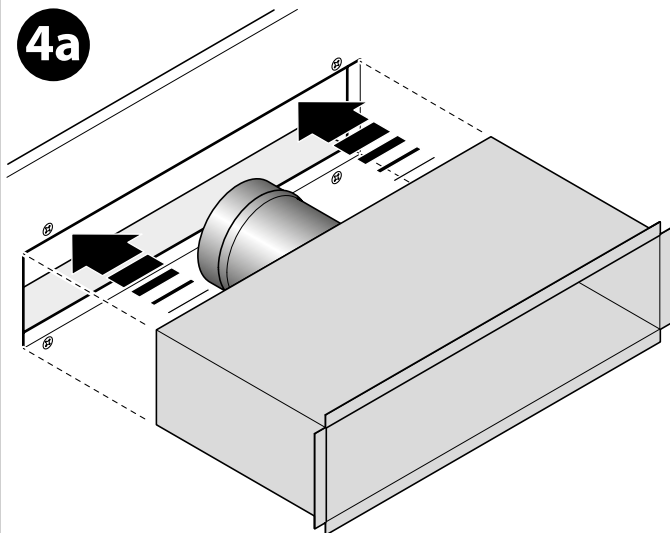
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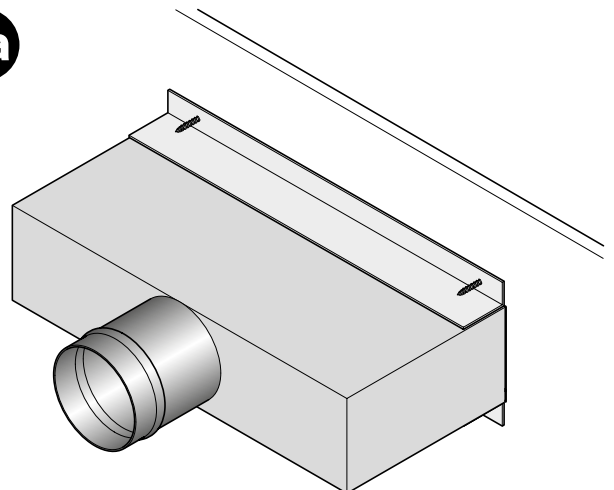
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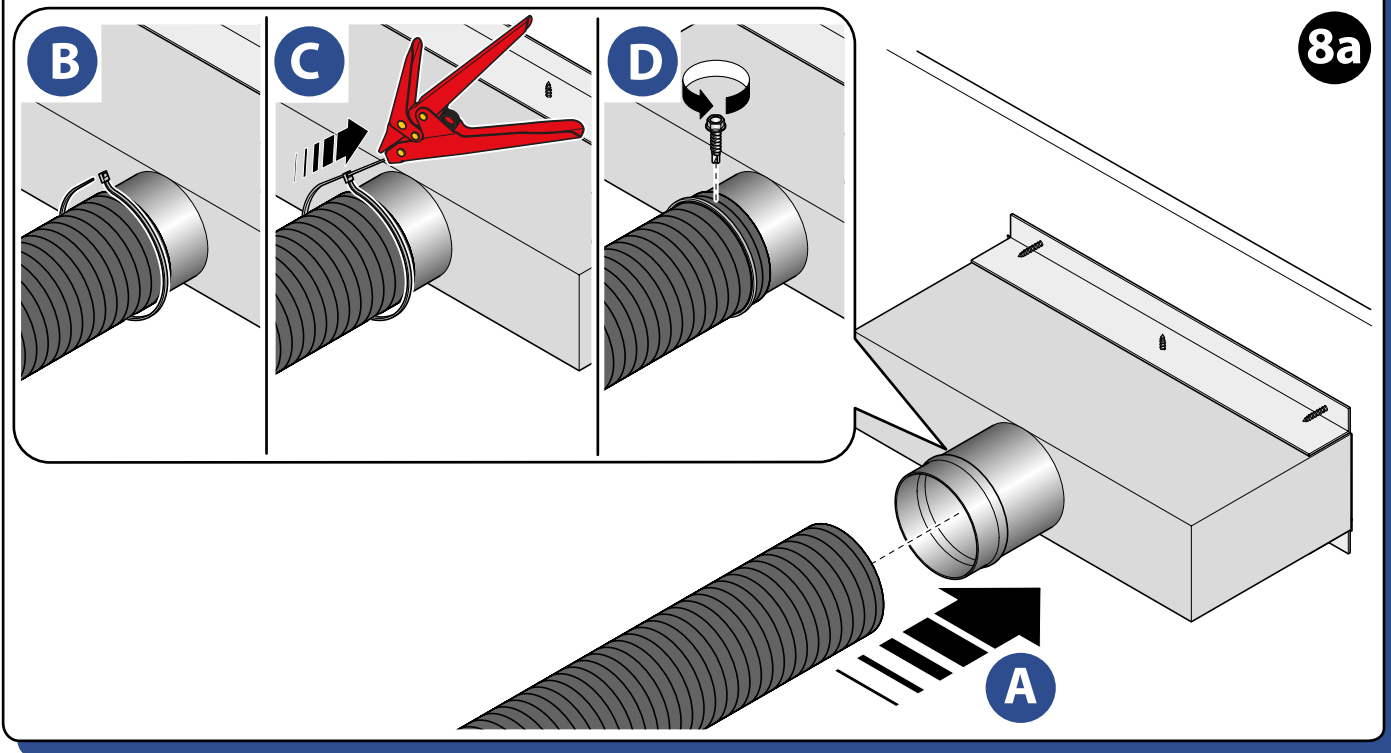
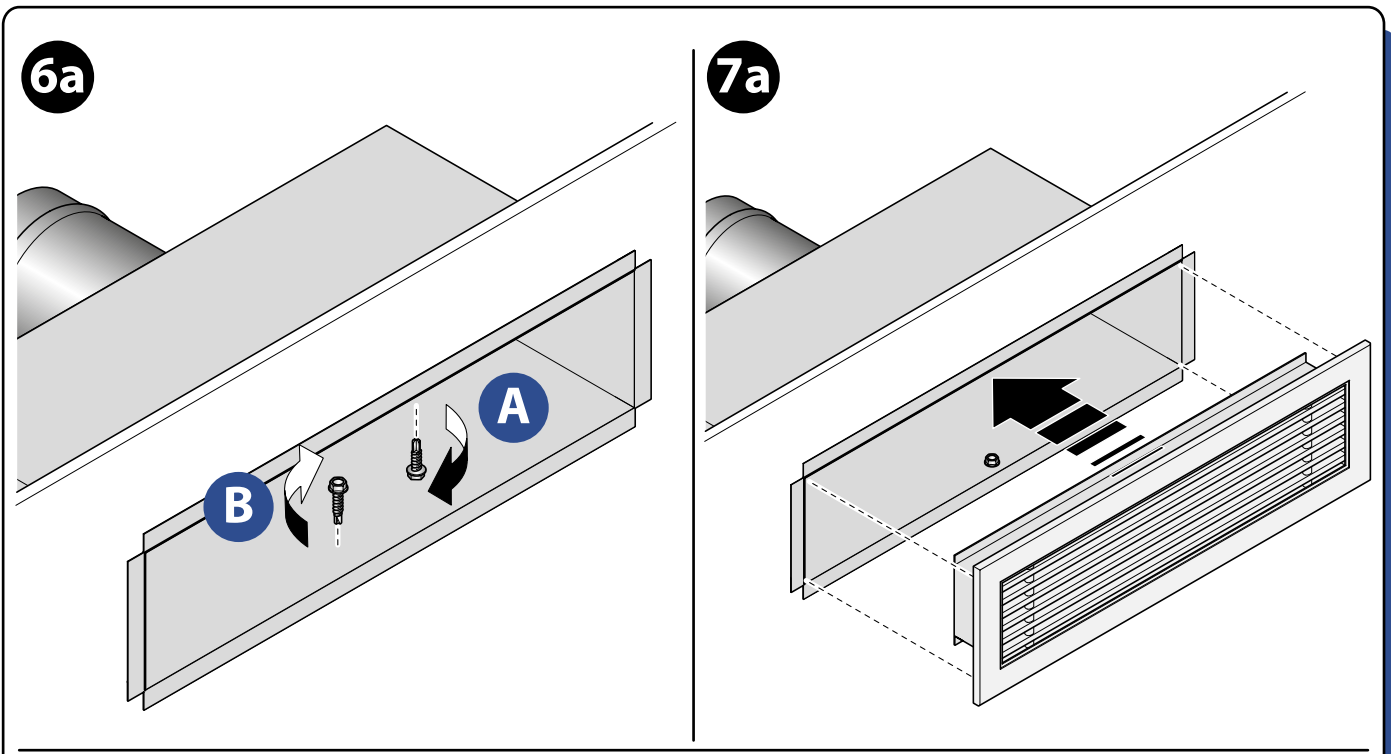


4a

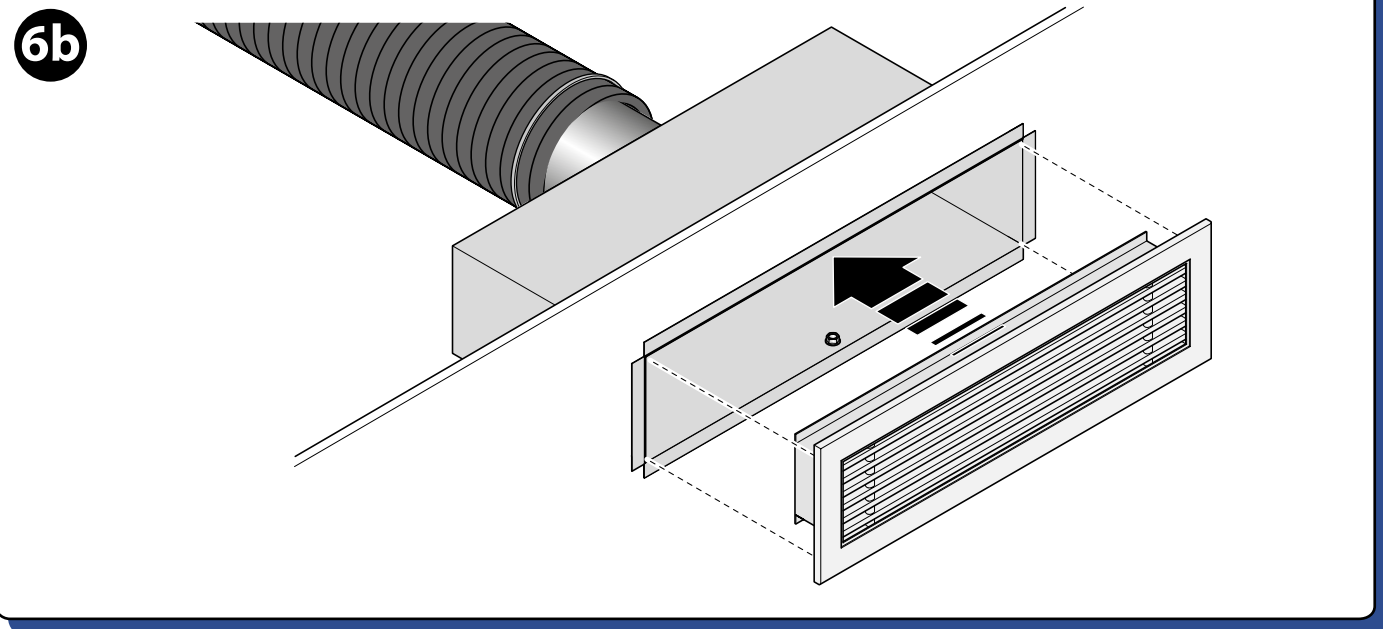
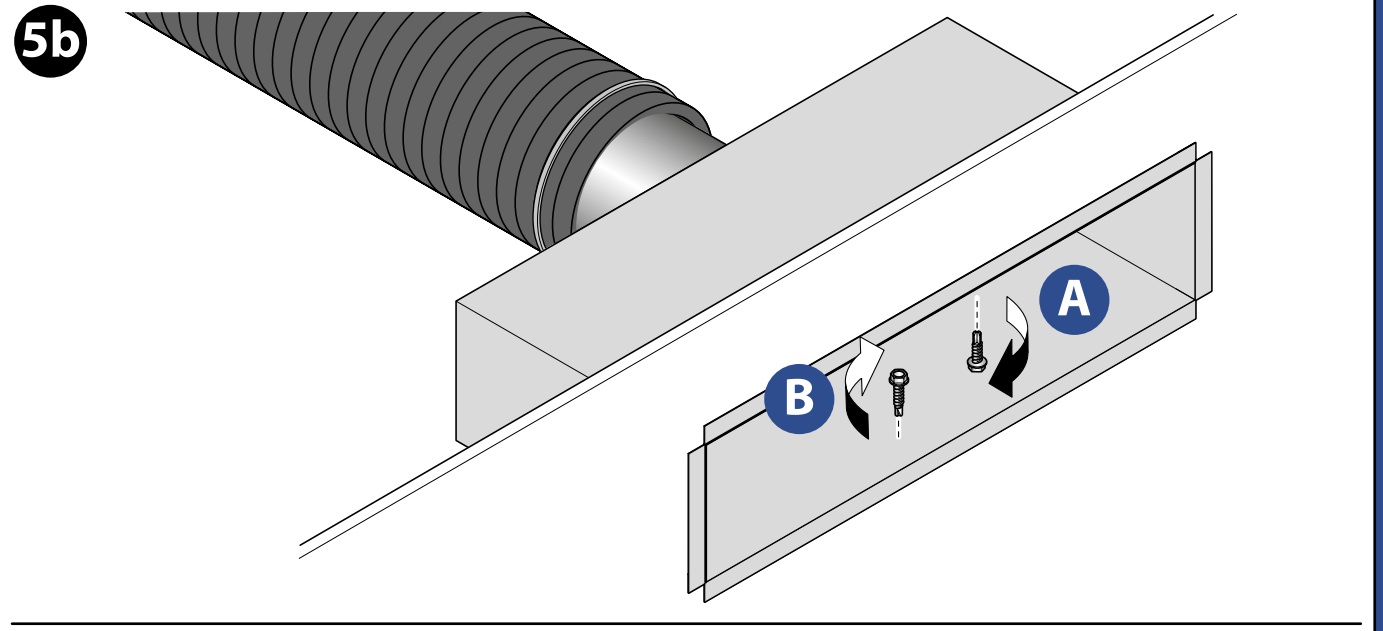
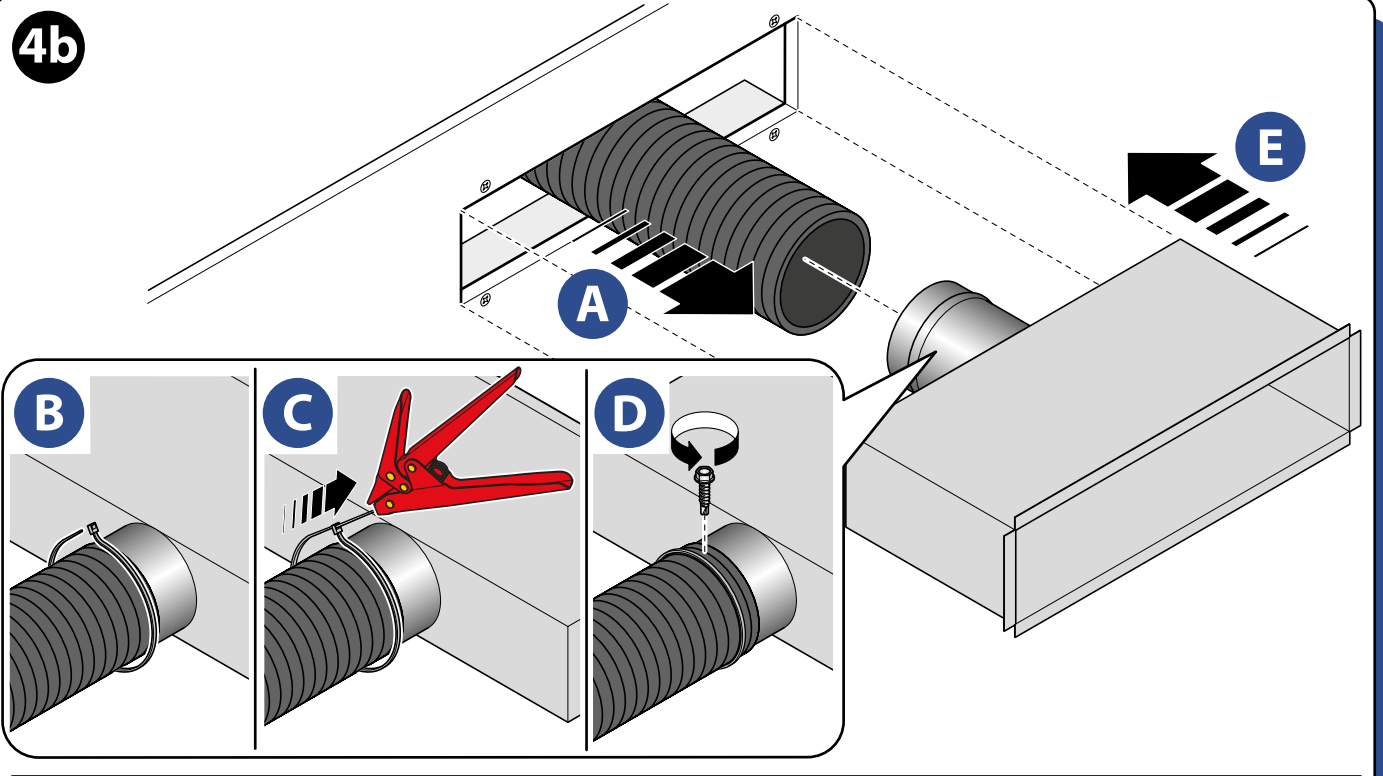


5a



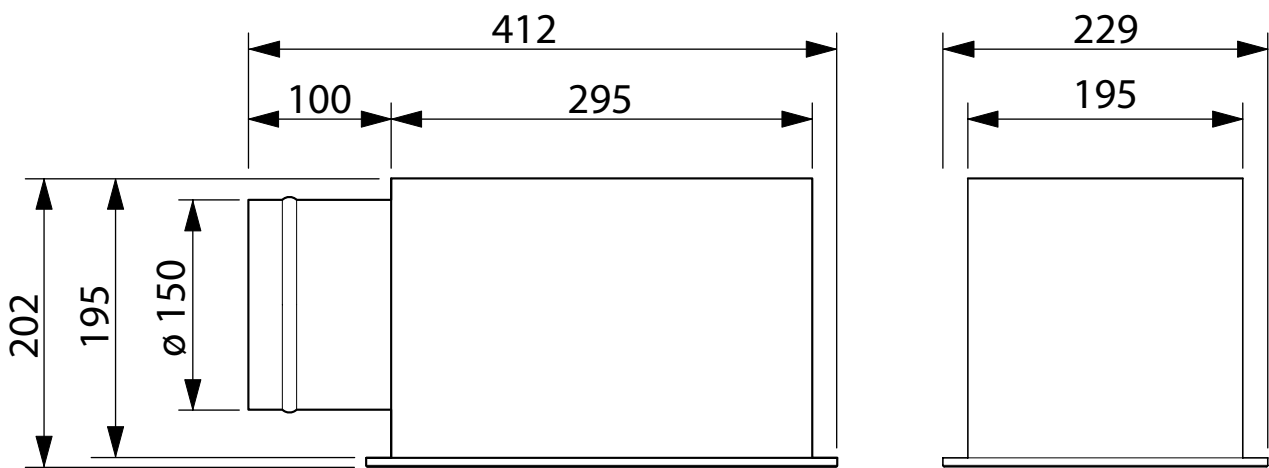




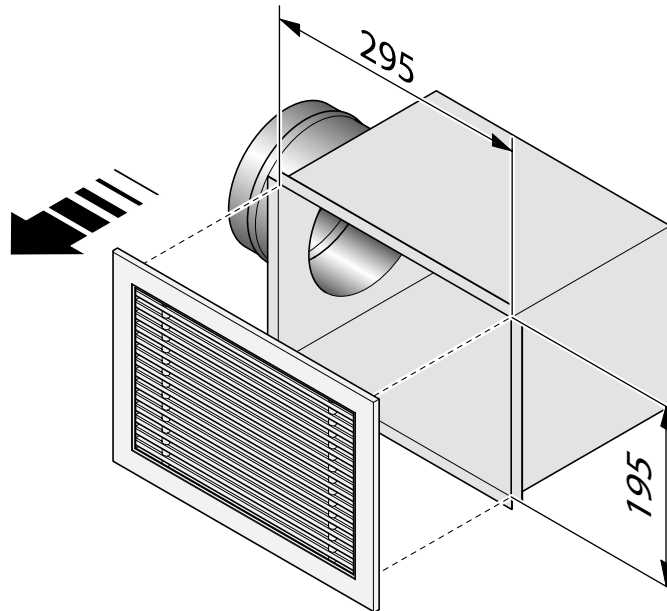




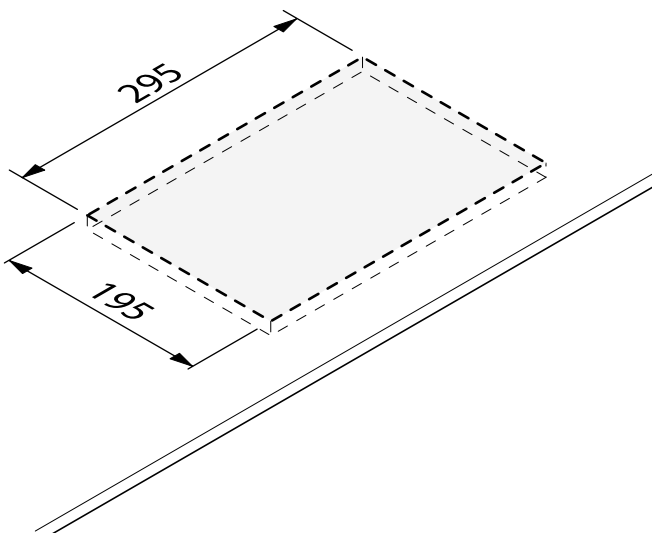
2.10 VENT 300X200 WITH SIDE CONNECTION Ø150  
BOCCHETTA 300x200 CON ATTACCO LATERALE Ø150



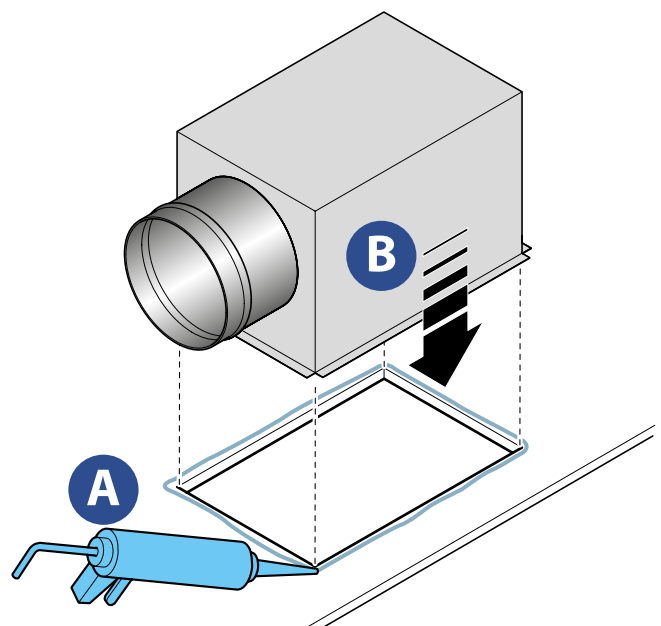
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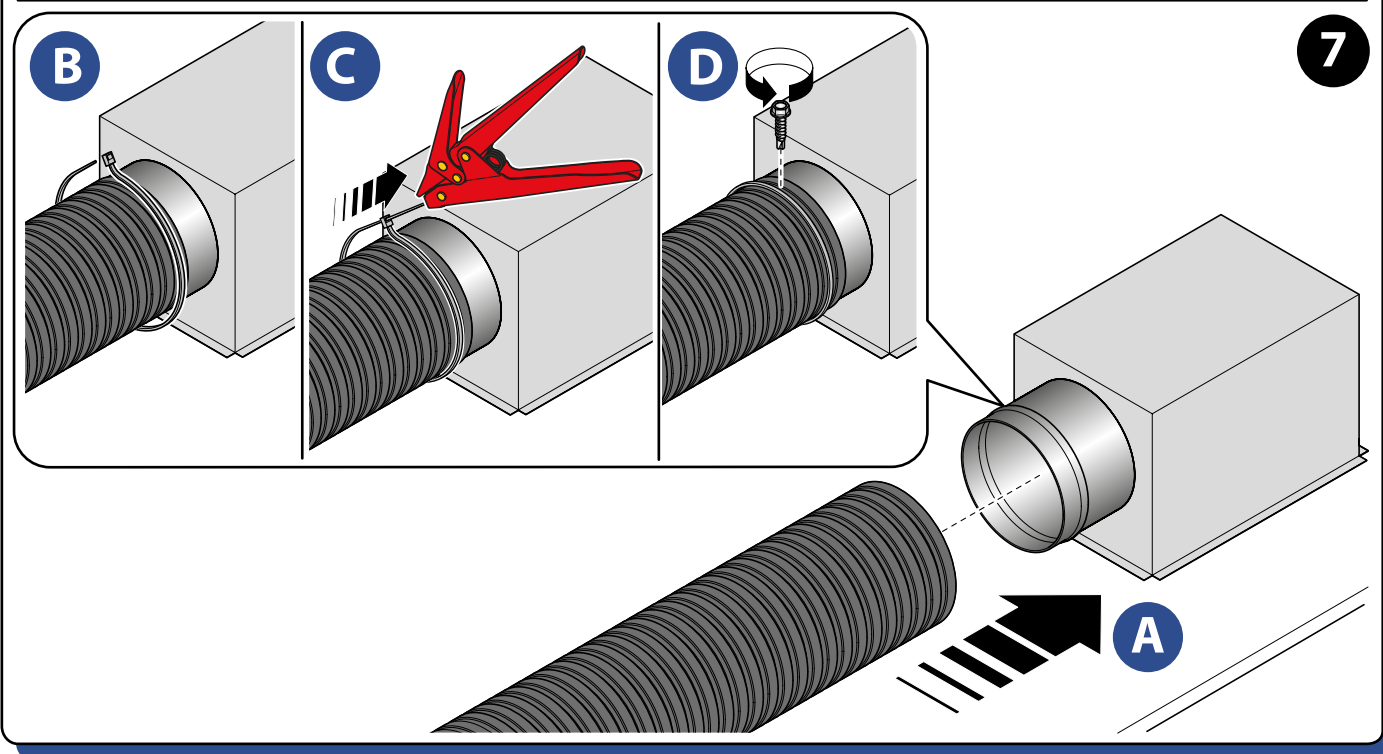
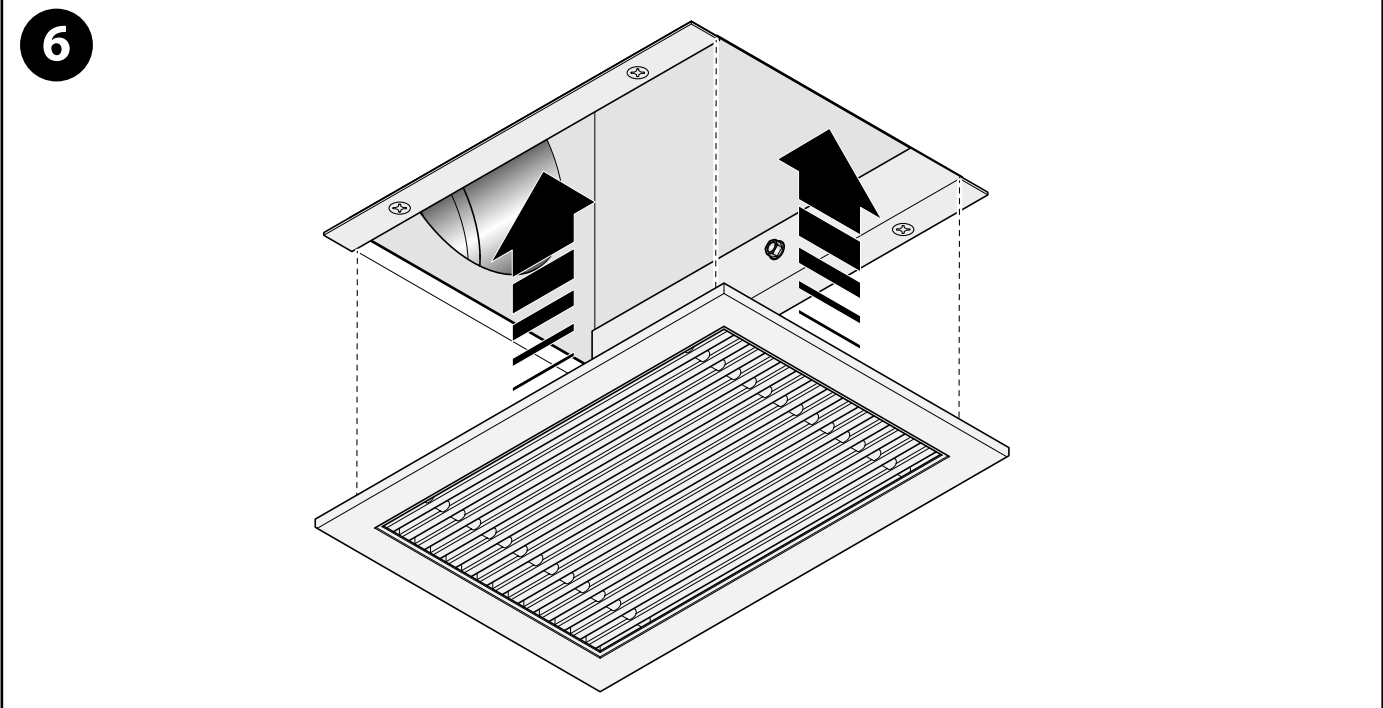
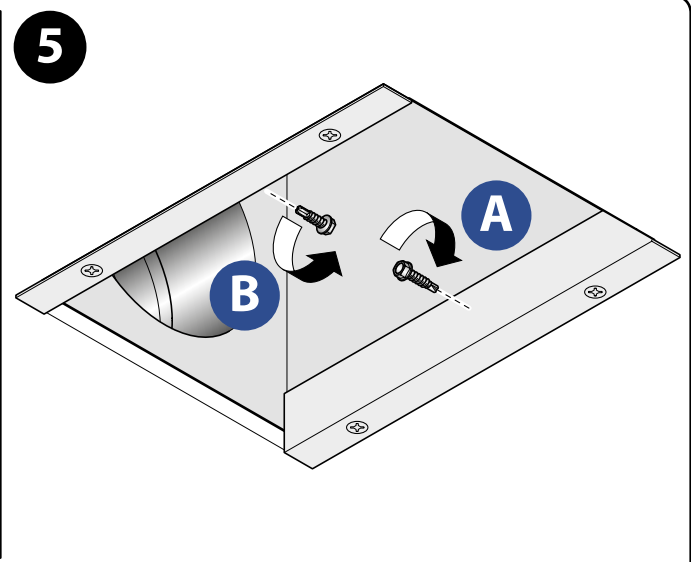
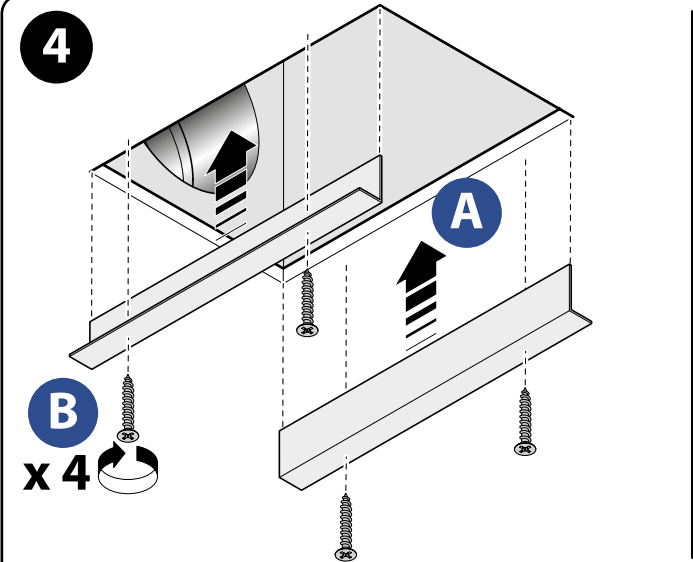


2



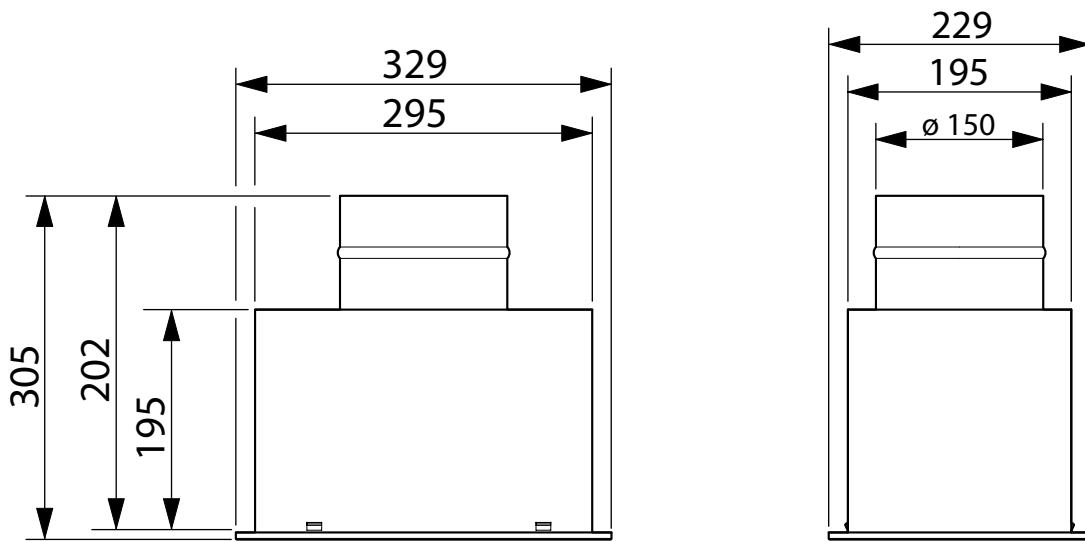
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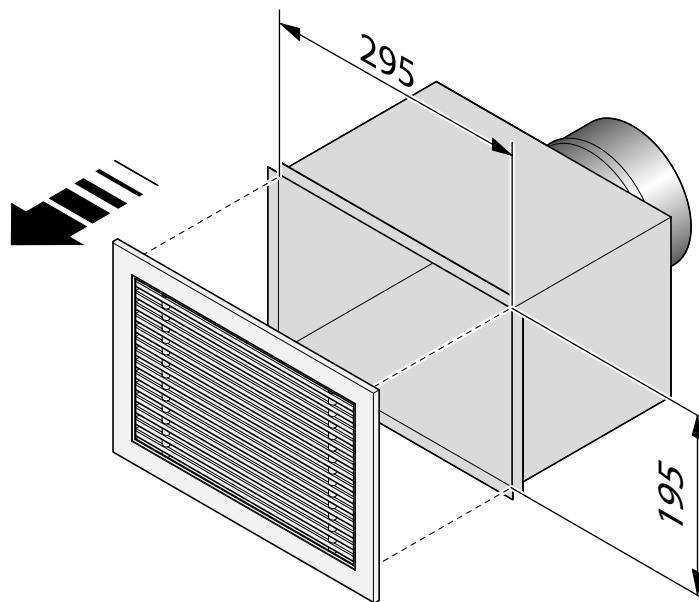




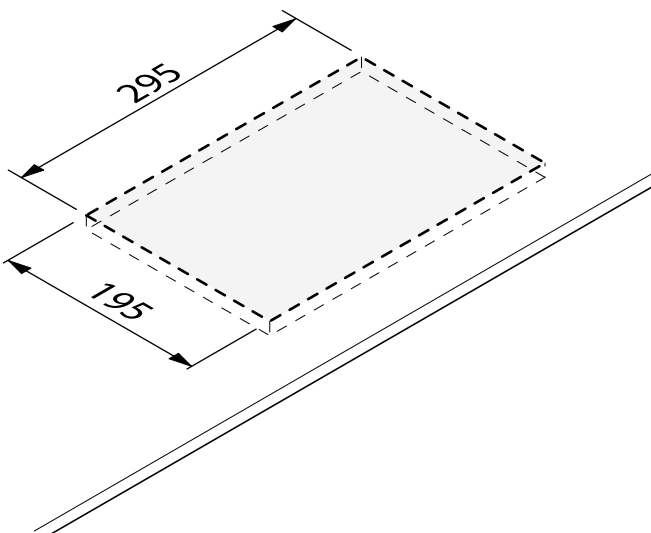
2.11 VENT 300X200 WITH REAR CONNECTION Ø150  
BOCCHETTA 300x200 CON ATTACCO POSTERIORE Ø150



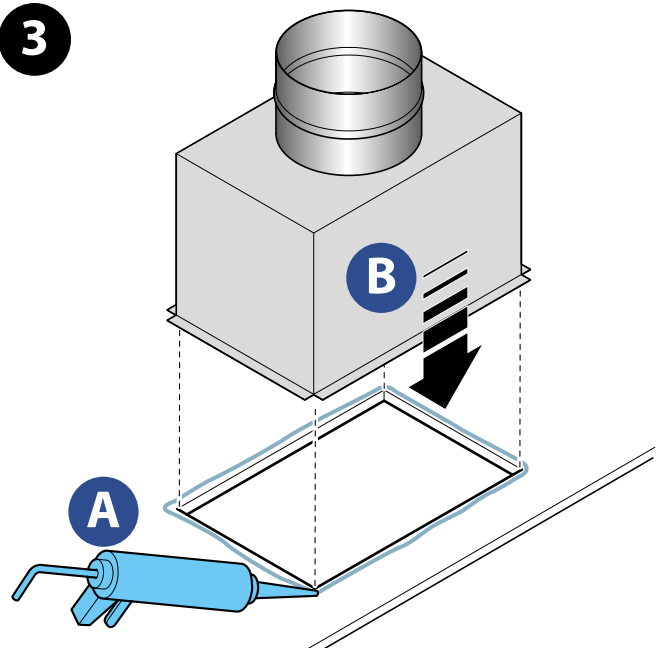
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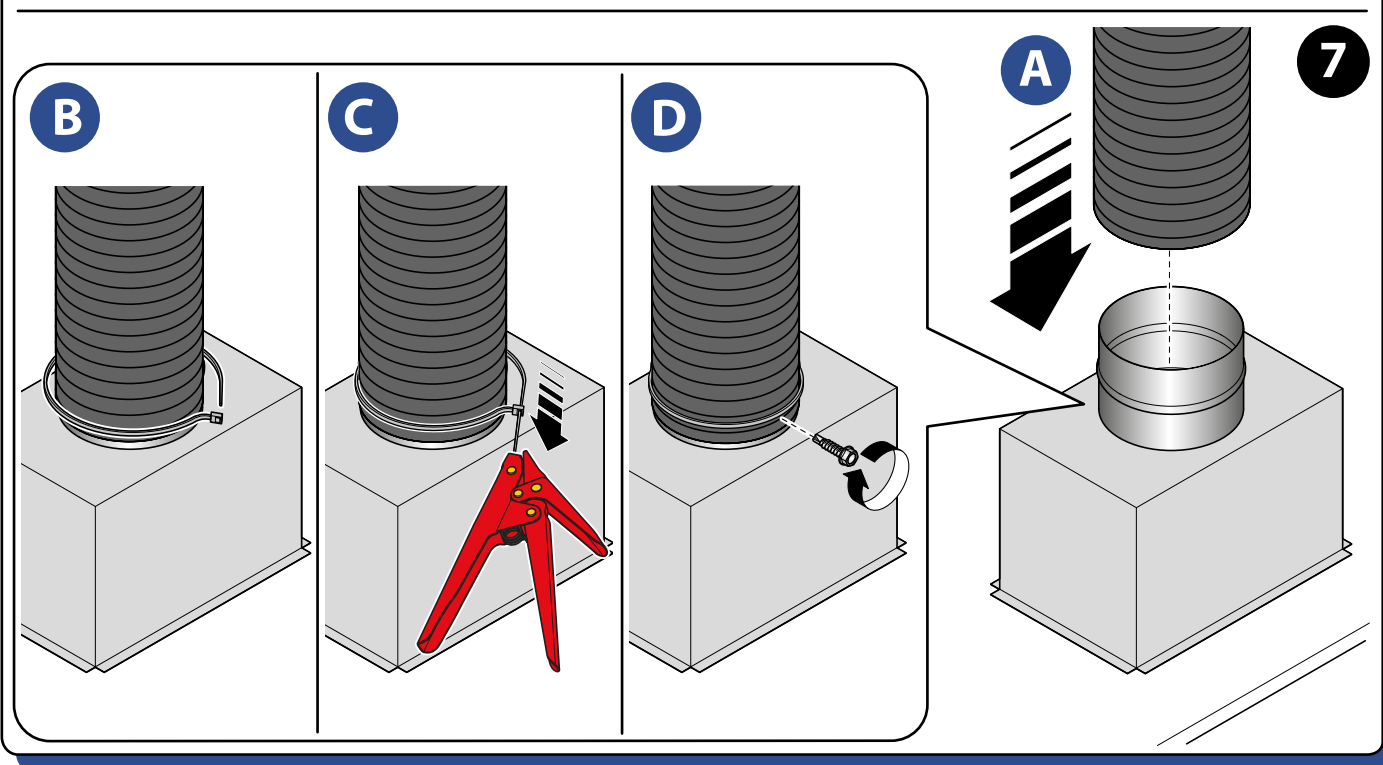
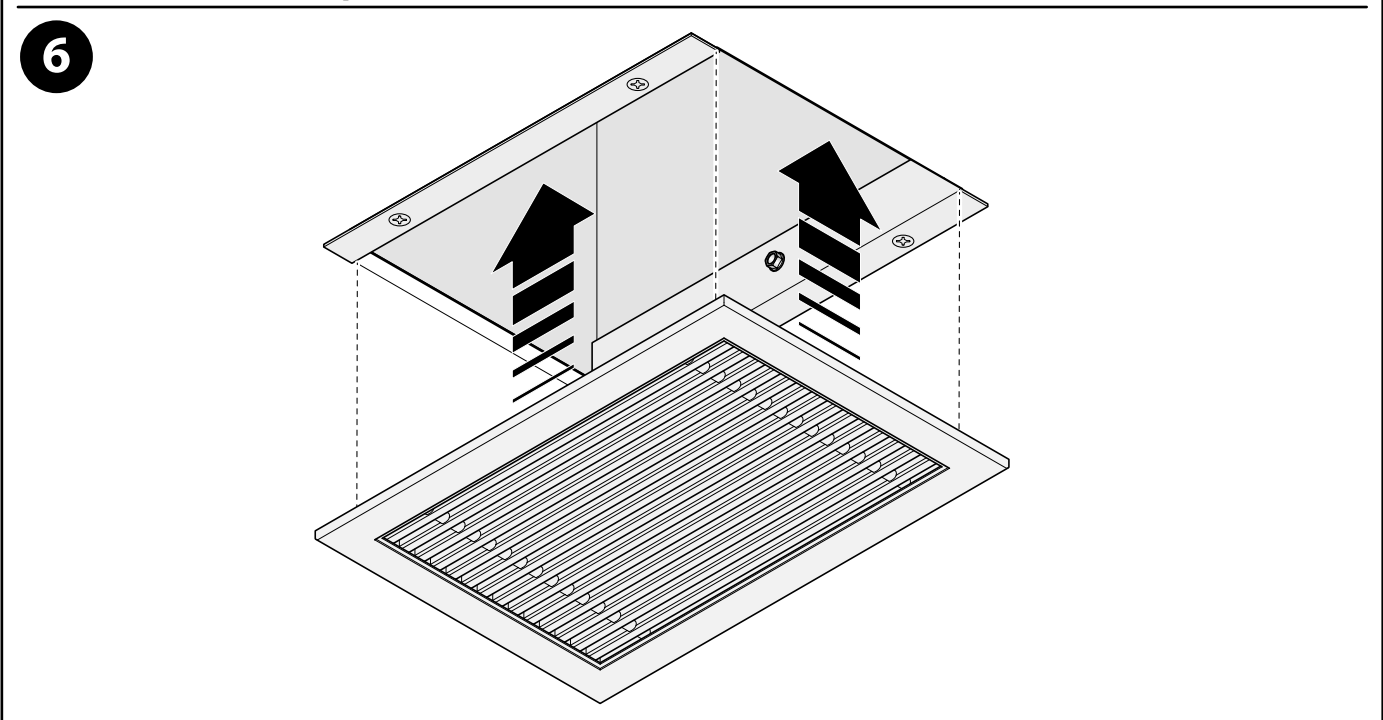
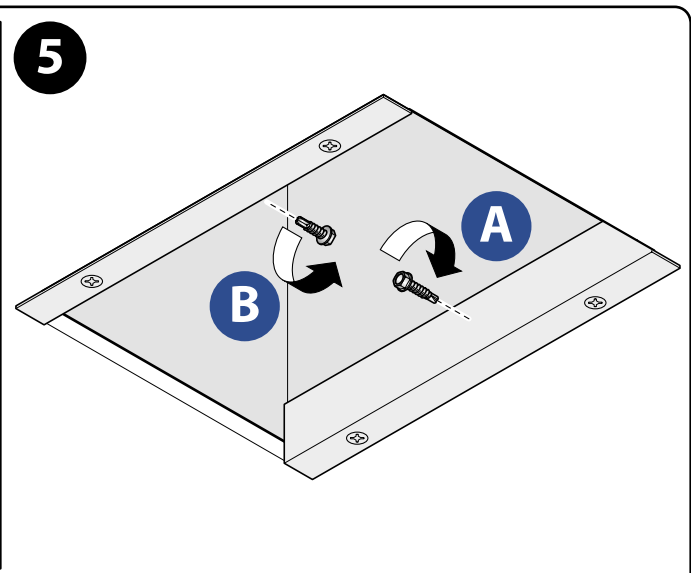
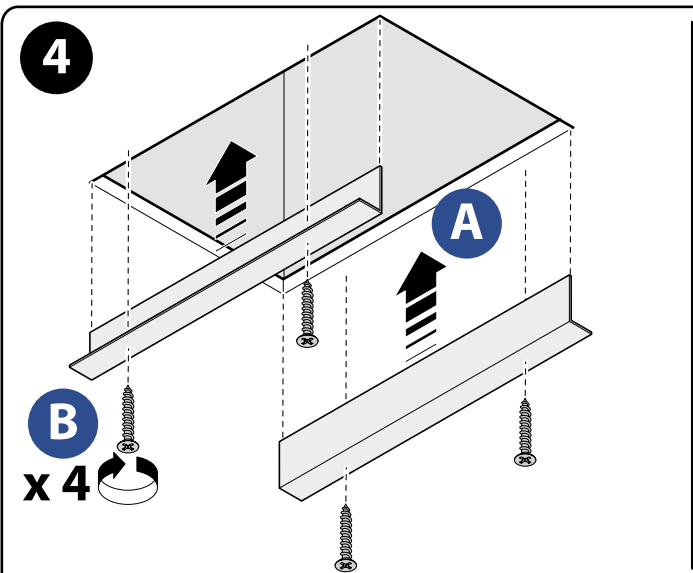


2



3



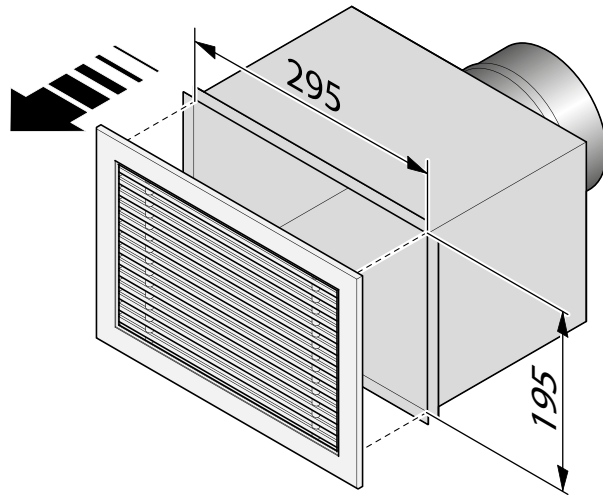




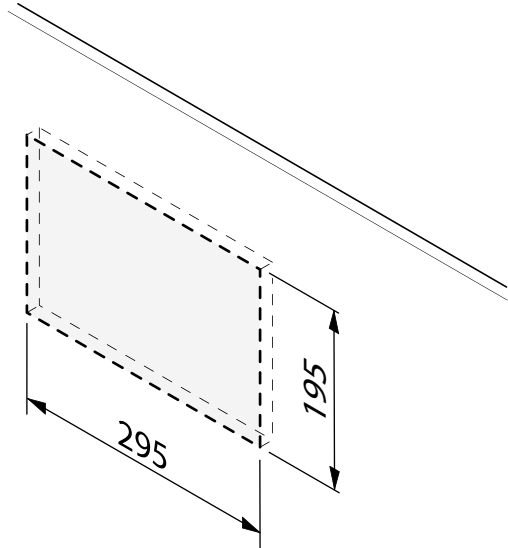
**ALTERNATIVE INSTALLATION**

**INSTALLAZIONE ALTERNATIVA**

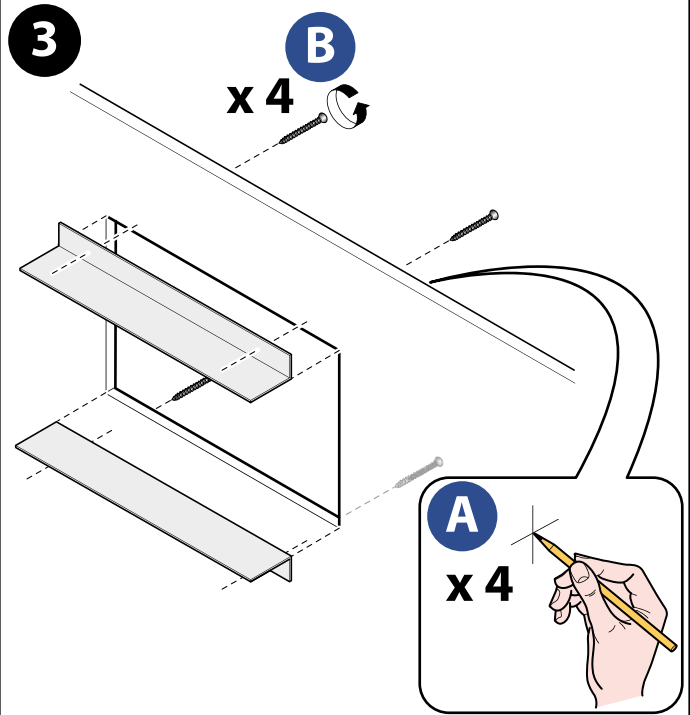
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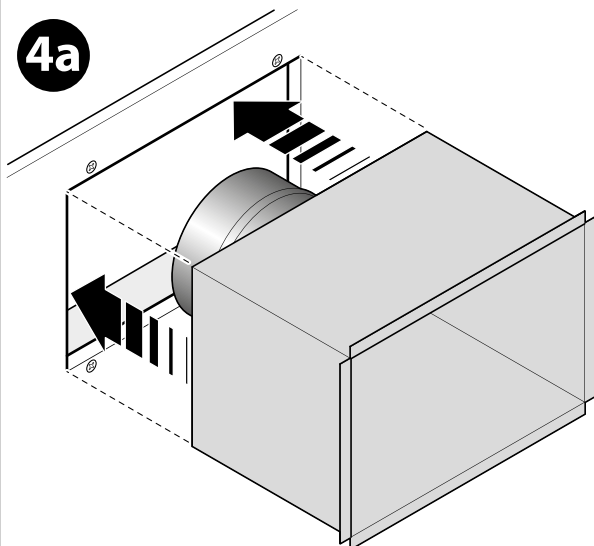
**2**



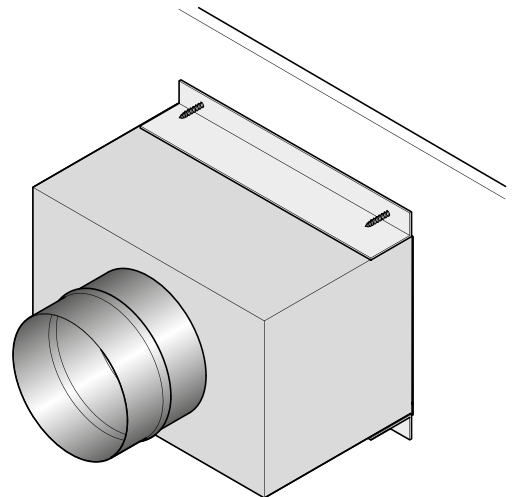
**3**

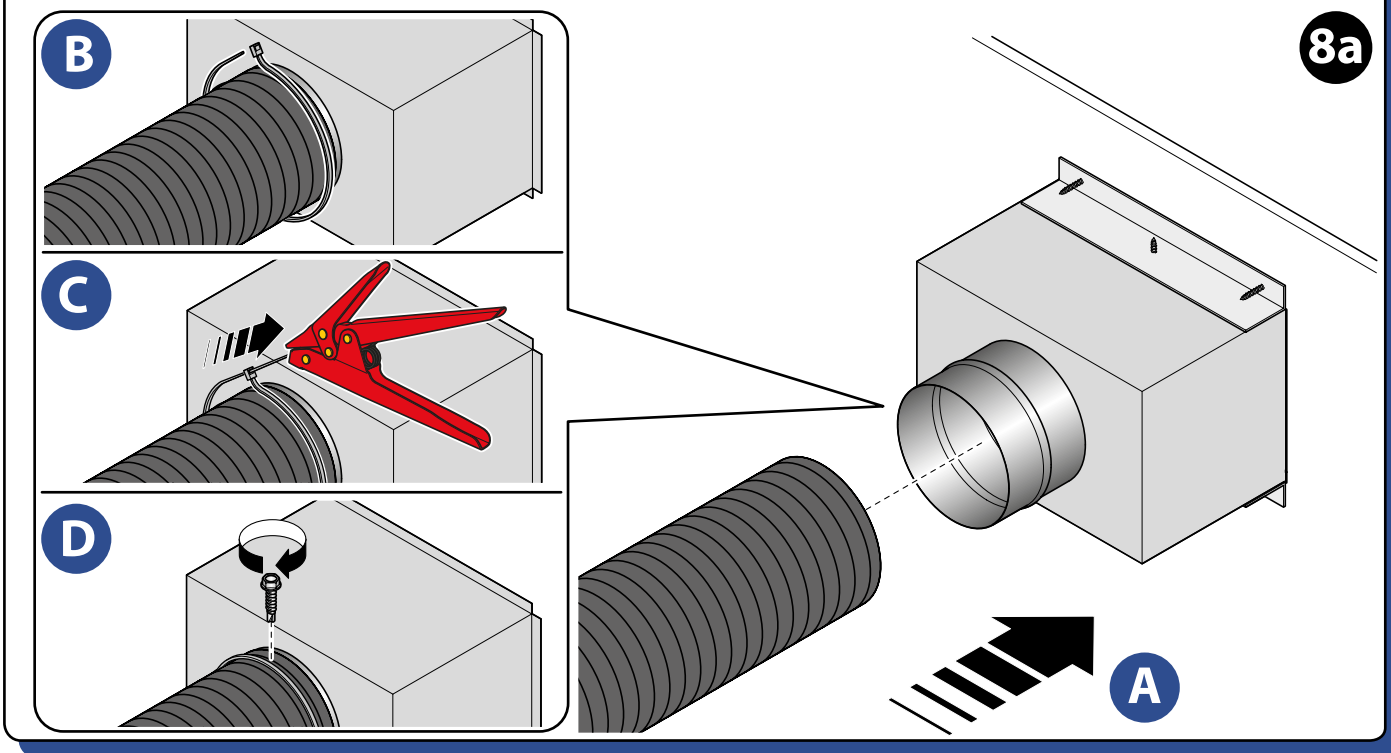
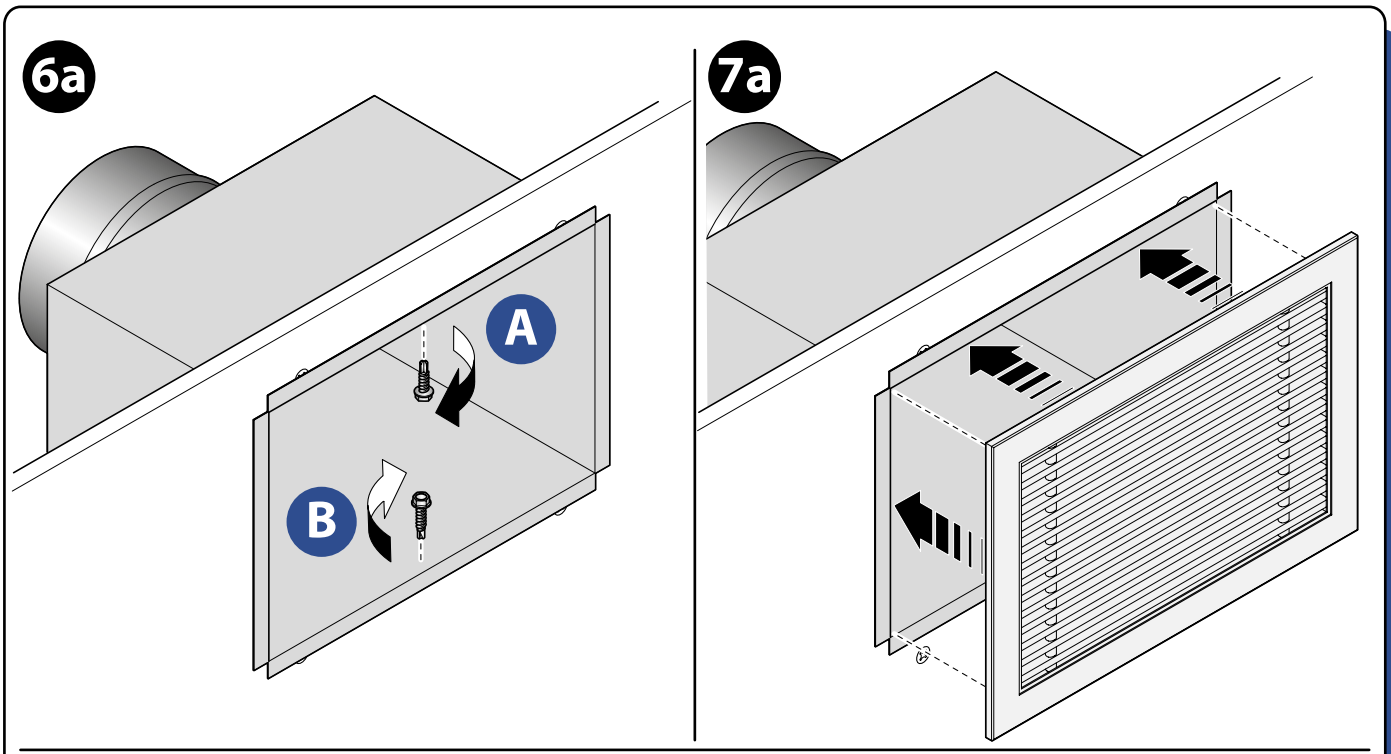


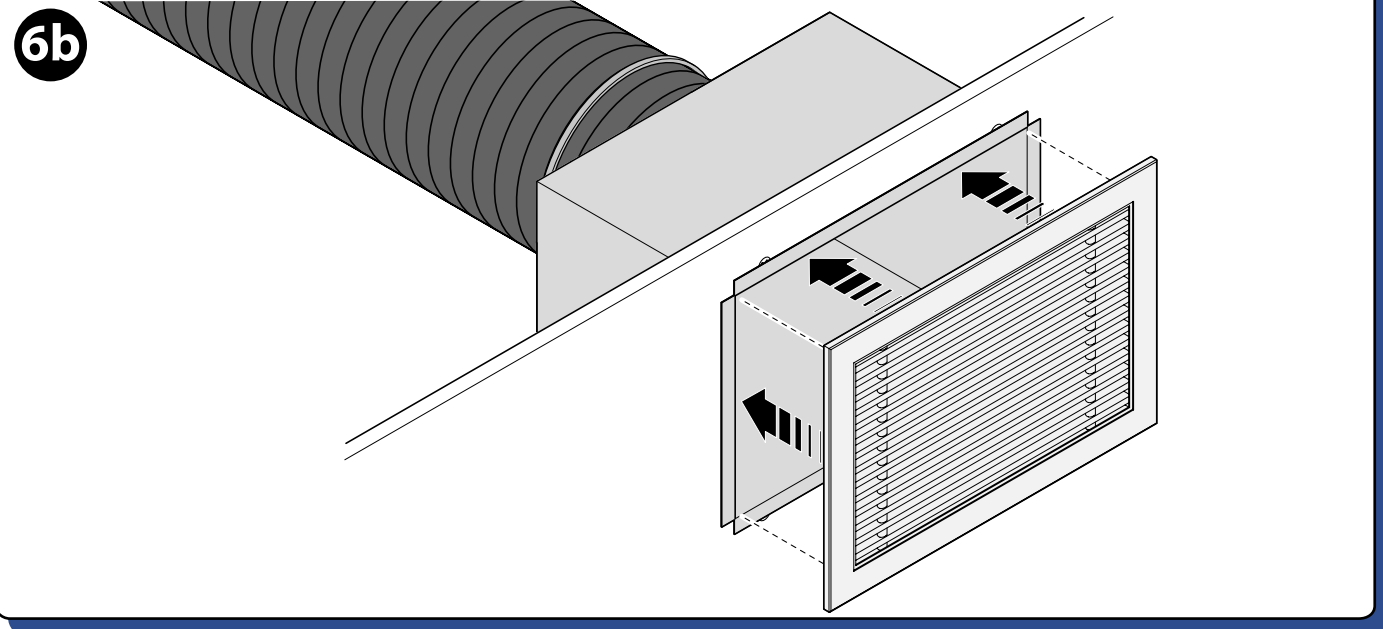
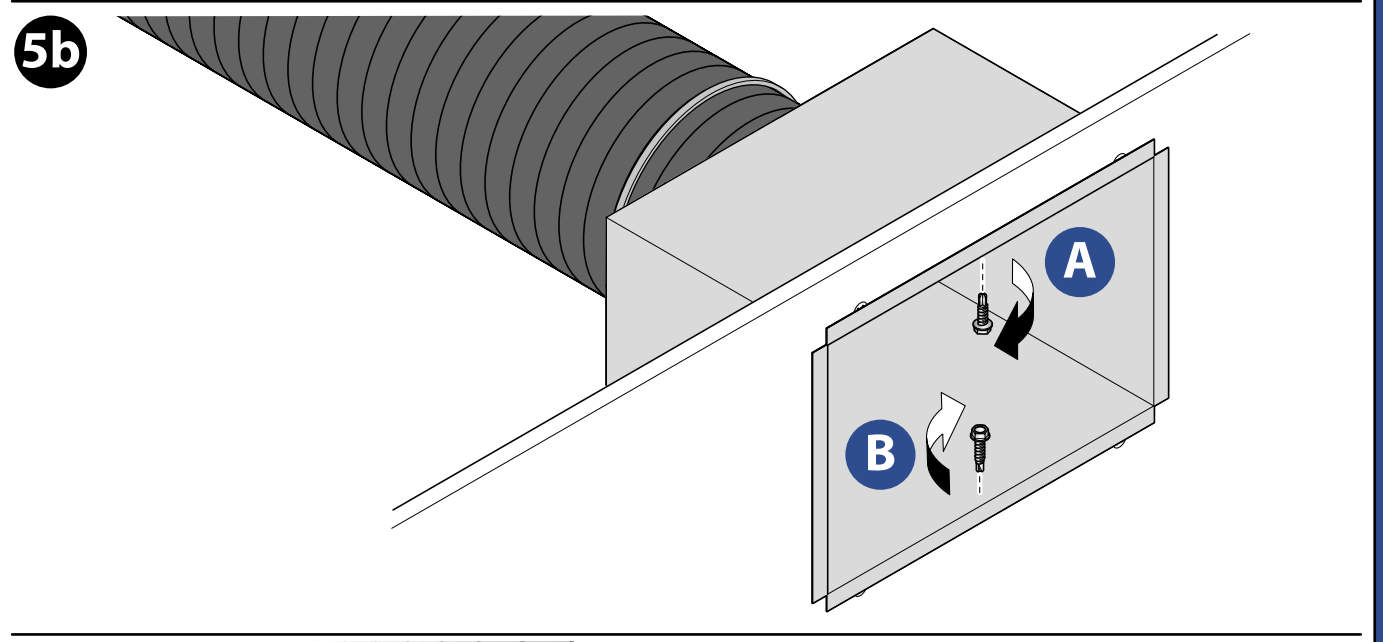
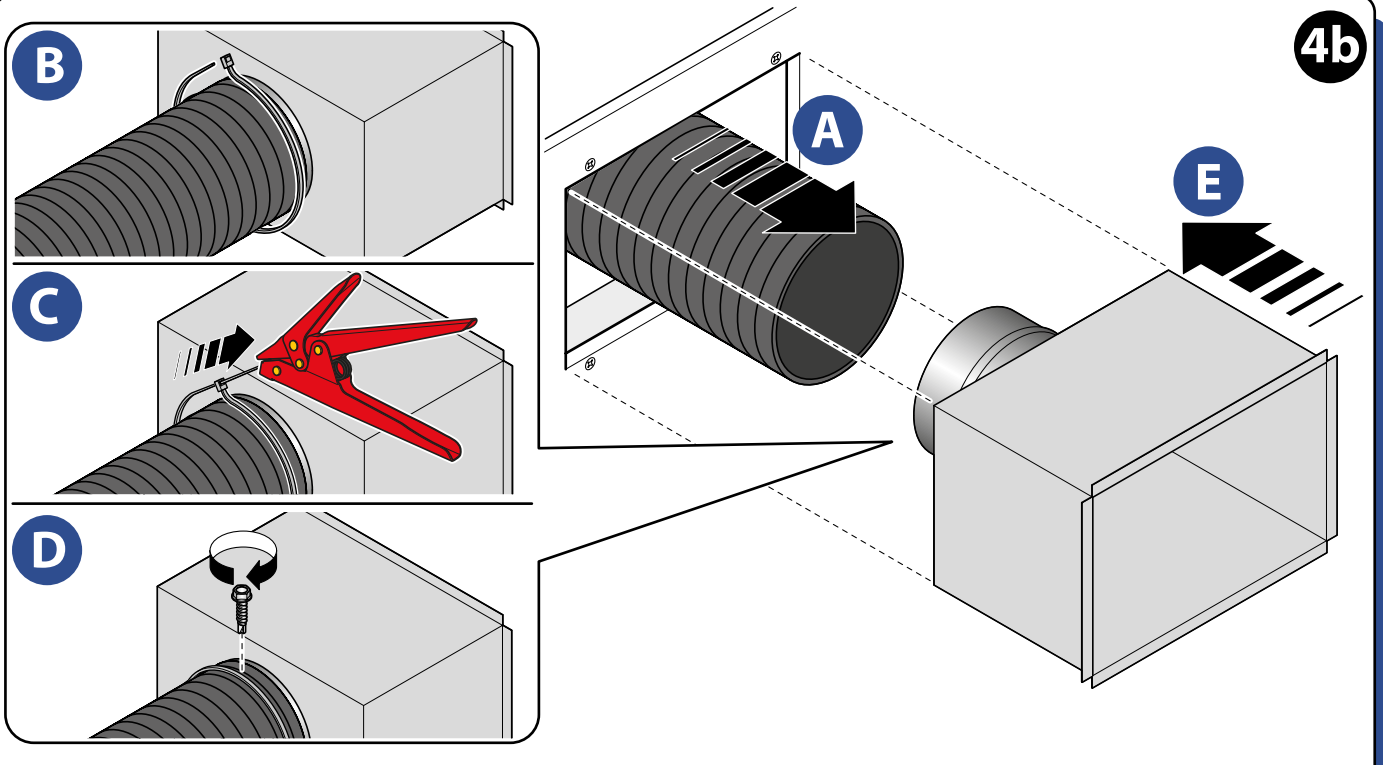
**4a**



**5a**





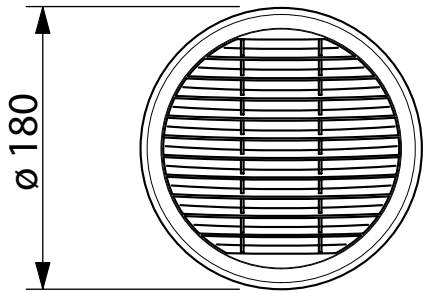




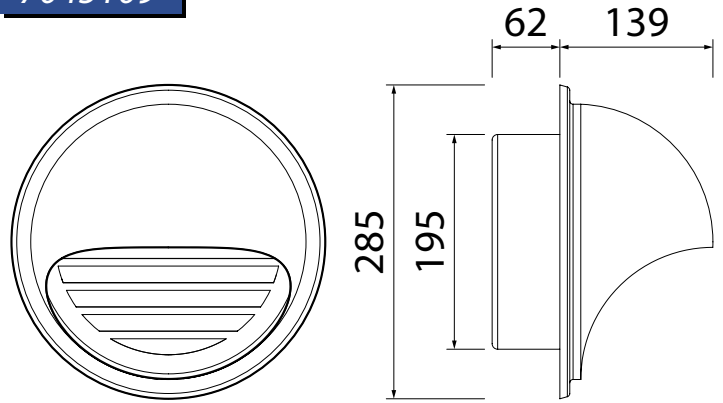


2.12 WALL GRILL  
GRIGLIA DI AERAZIONE

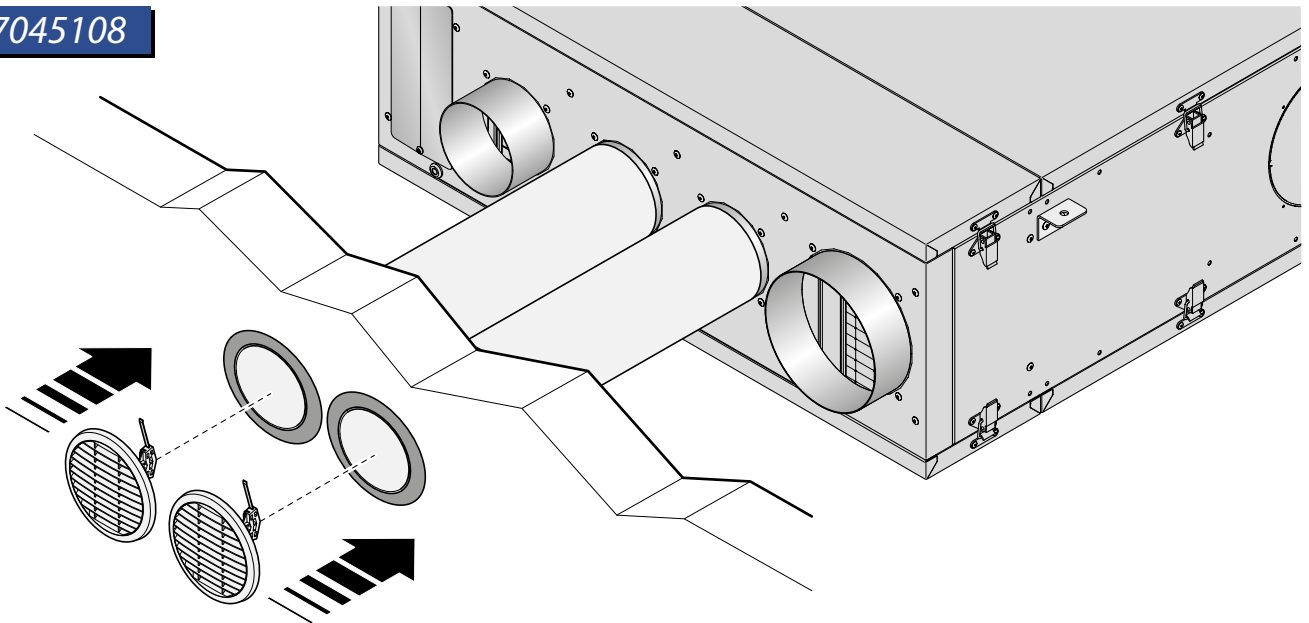
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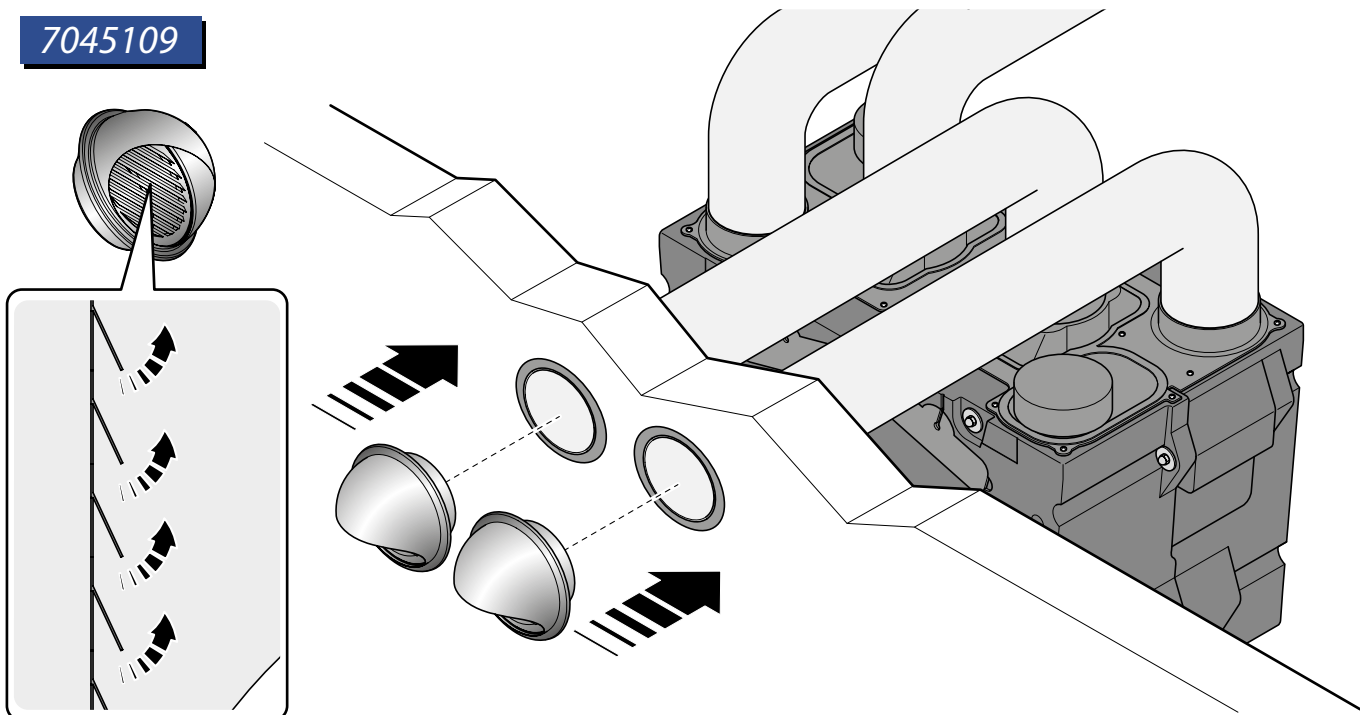
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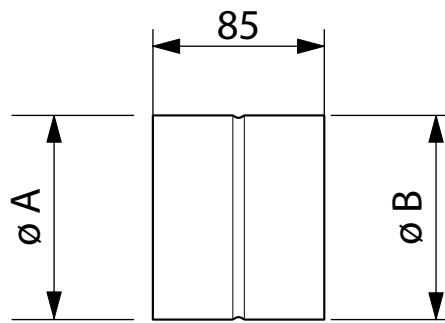
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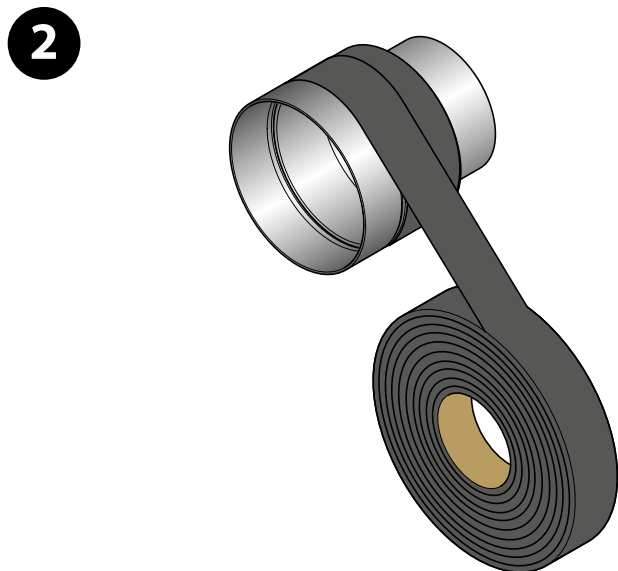
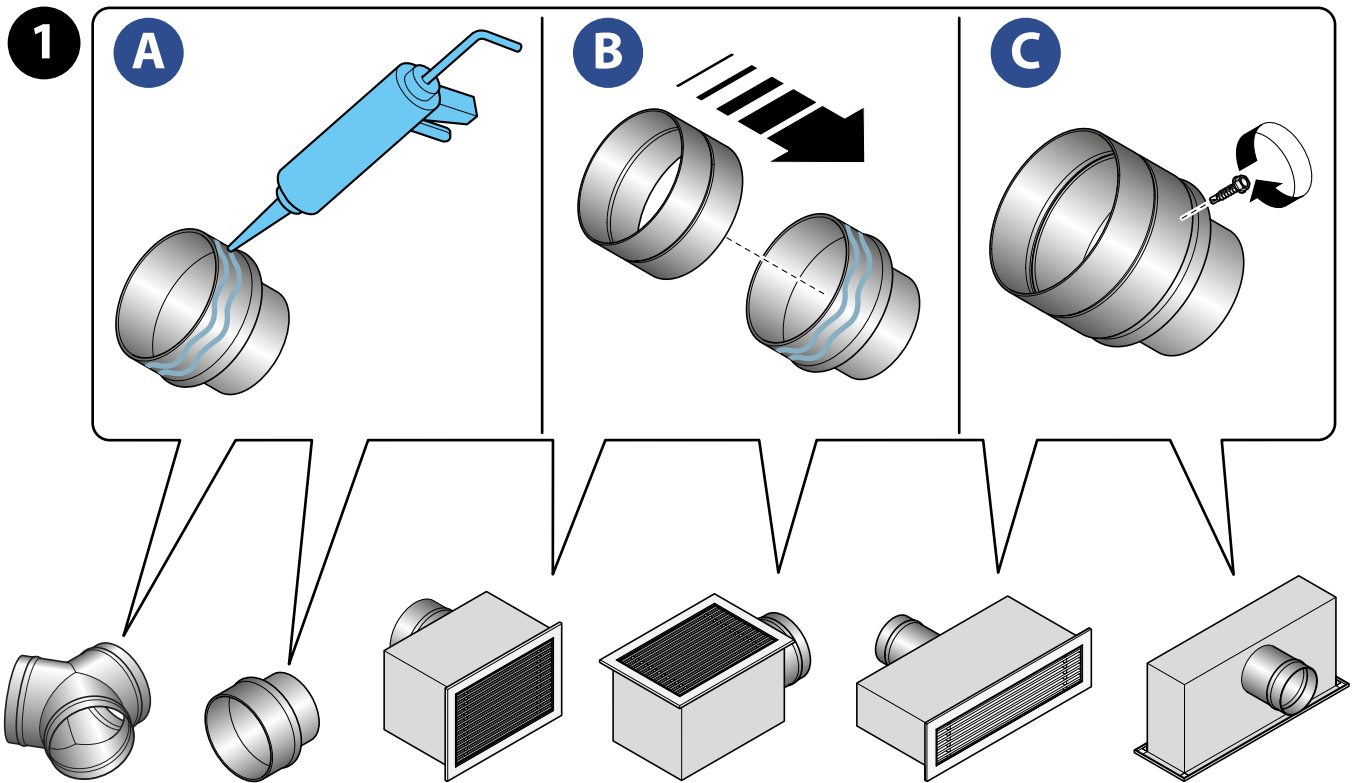
7045109



2.13 JOINT SLEEVE  
MANICOTTO



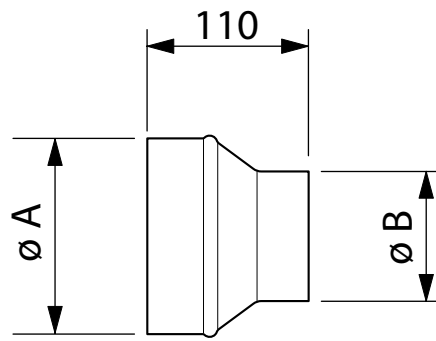
cod.	$\varnothing A$	$\varnothing B$
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7045056	125	125
7045057	150	150
7045059	160	160
7045058	200	200



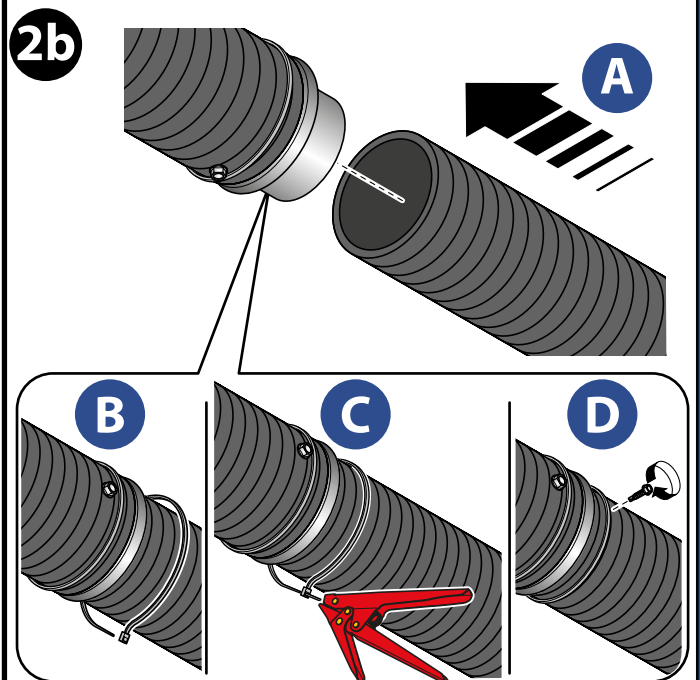
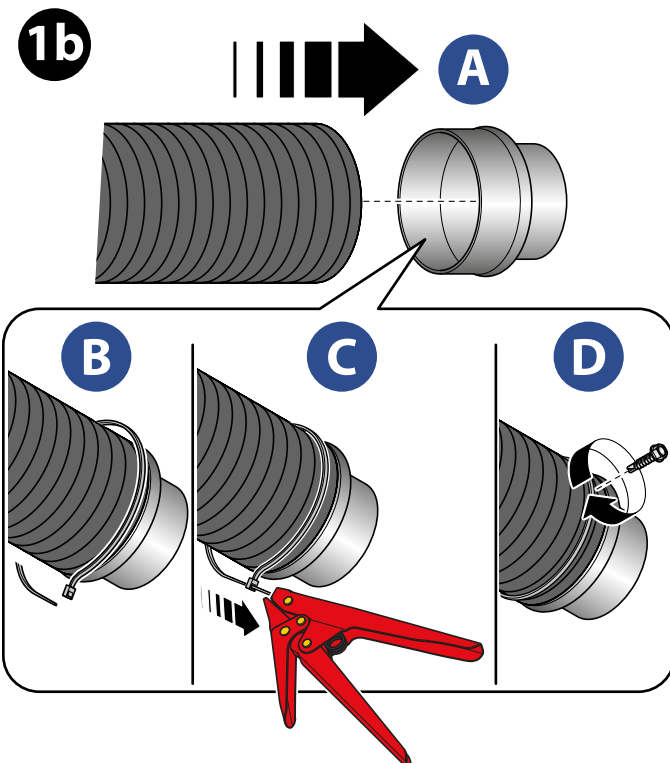
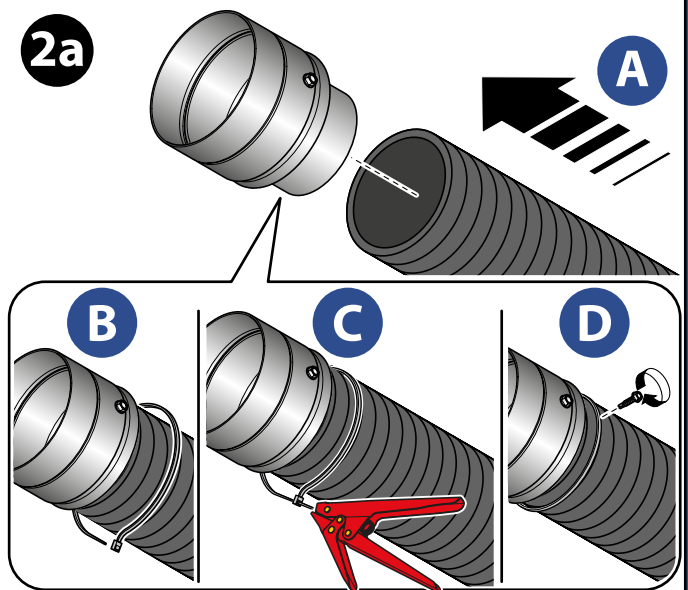
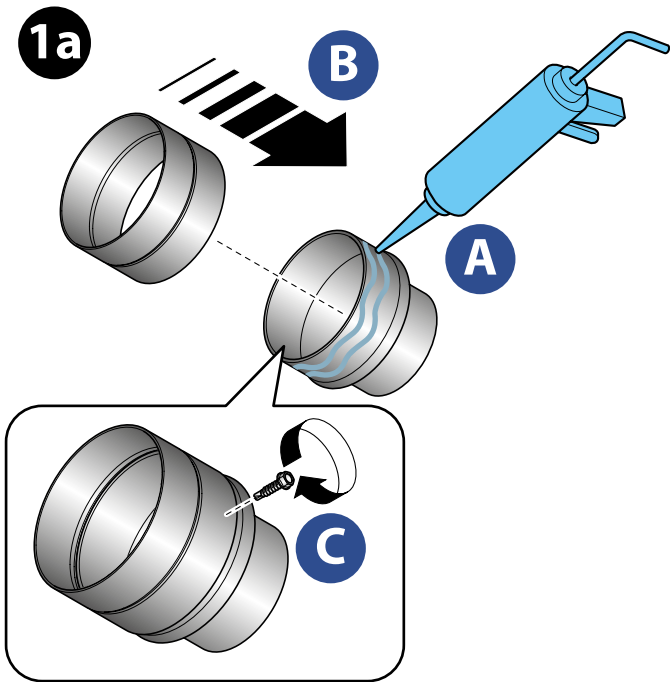
*Use insulating tape for outdoor air intake pipe lines,  
outdoor air exhaust pipe lines and room air supply pipe lines.  
Usare la guaina isolante per le linee di presa-espulsione  
aria esterna, immissione aria ambiente.*

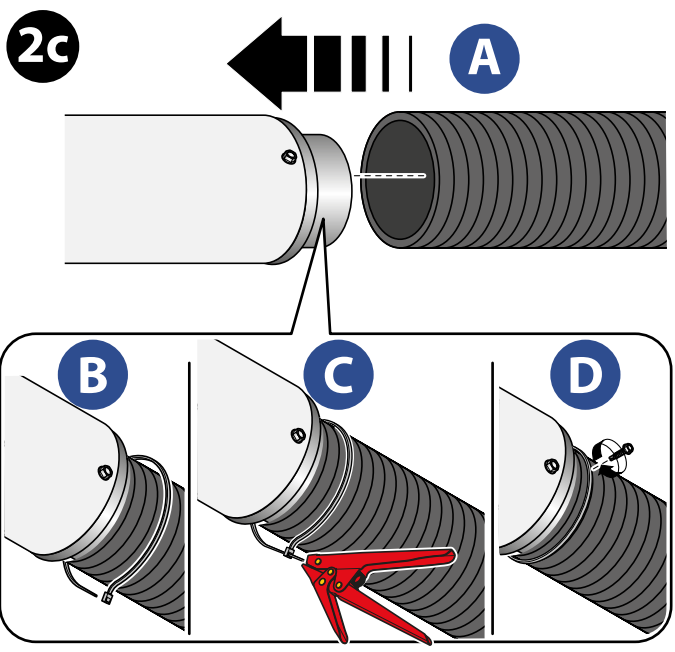
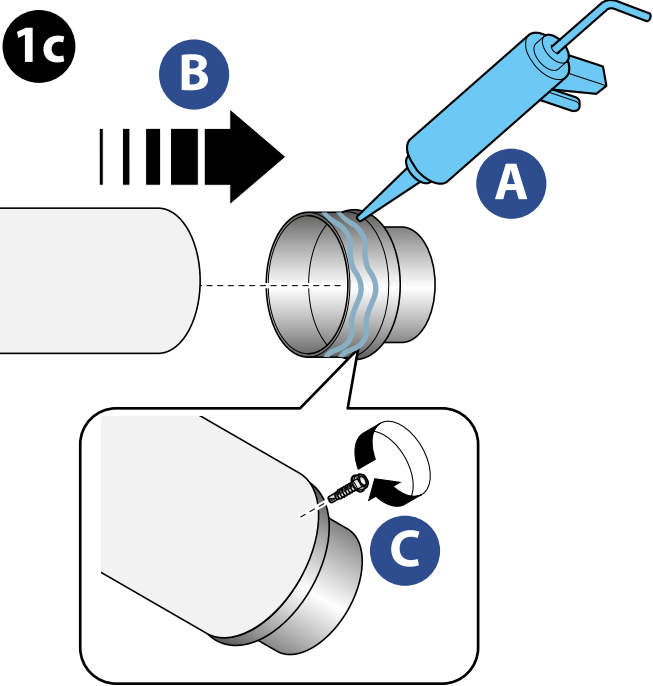


2.14 CONCENTRIC REDUCER  
RIDUZIONE CONCENTRICA

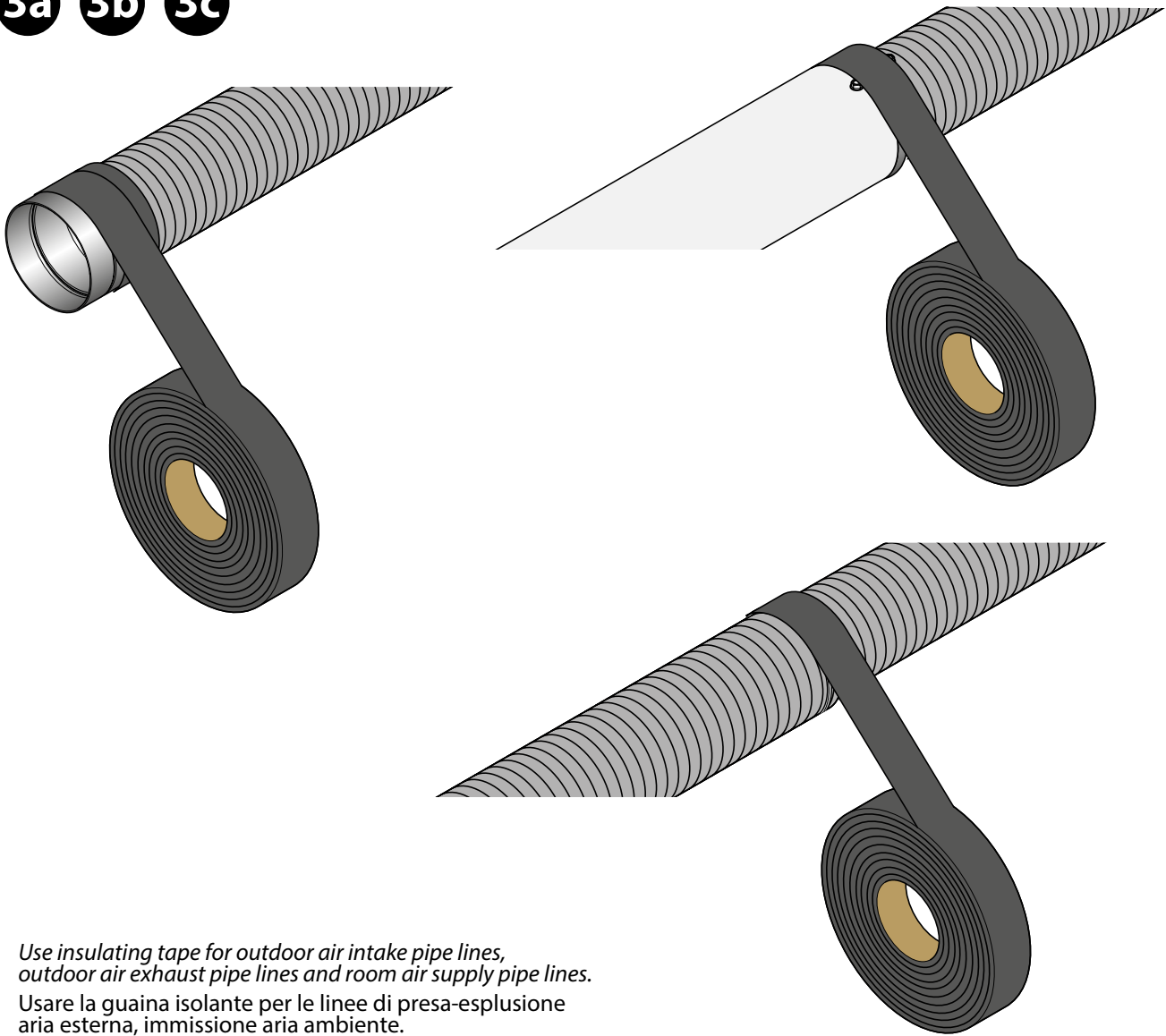


cod.	$\varnothing A$	$\varnothing B$
7045024	125	100
7045026	150	100
7045027	125	200
7045028	100	200
7045025	150	125
7045050	200	150
7045029	200	160





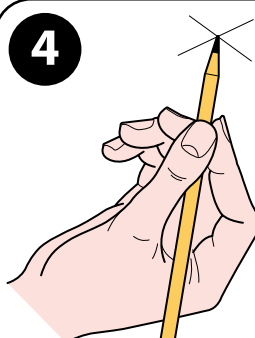
**3a 3b 3c**



*Use insulating tape for outdoor air intake pipe lines, outdoor air exhaust pipe lines and room air supply pipe lines.*  
 Usare la guaina isolante per le linee di presa-esclusione aria esterna, immissione aria ambiente.



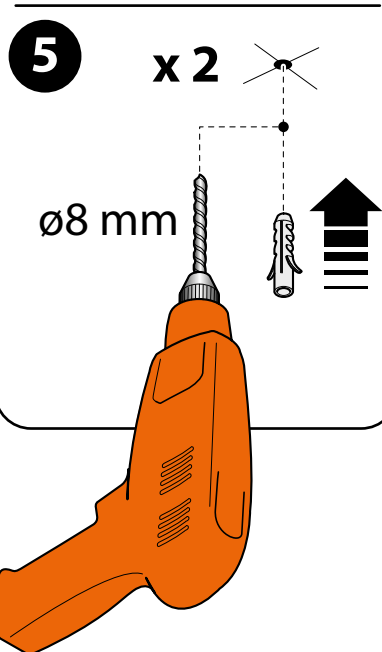
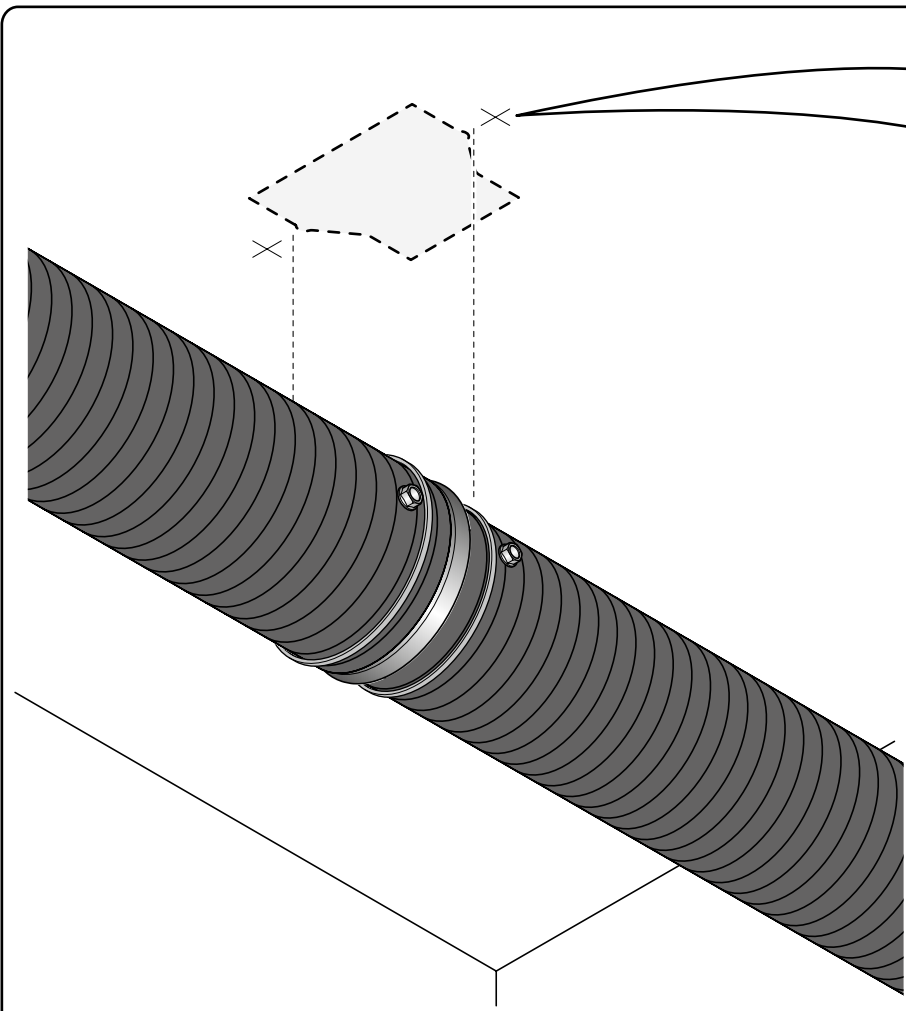
**4** x 2





---

**5** x 2


ø8 mm


**6**



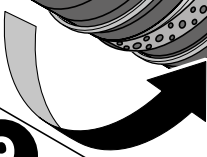
**7**




**8**



**9**

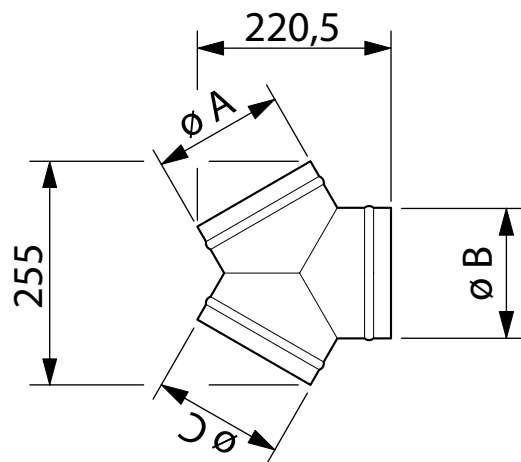


**10**



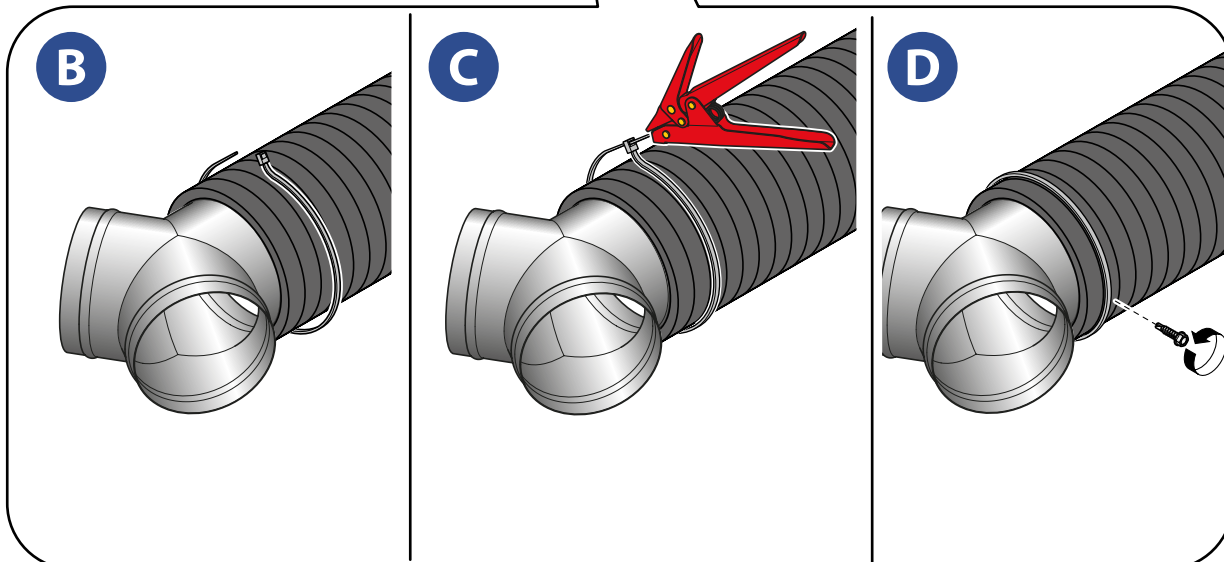
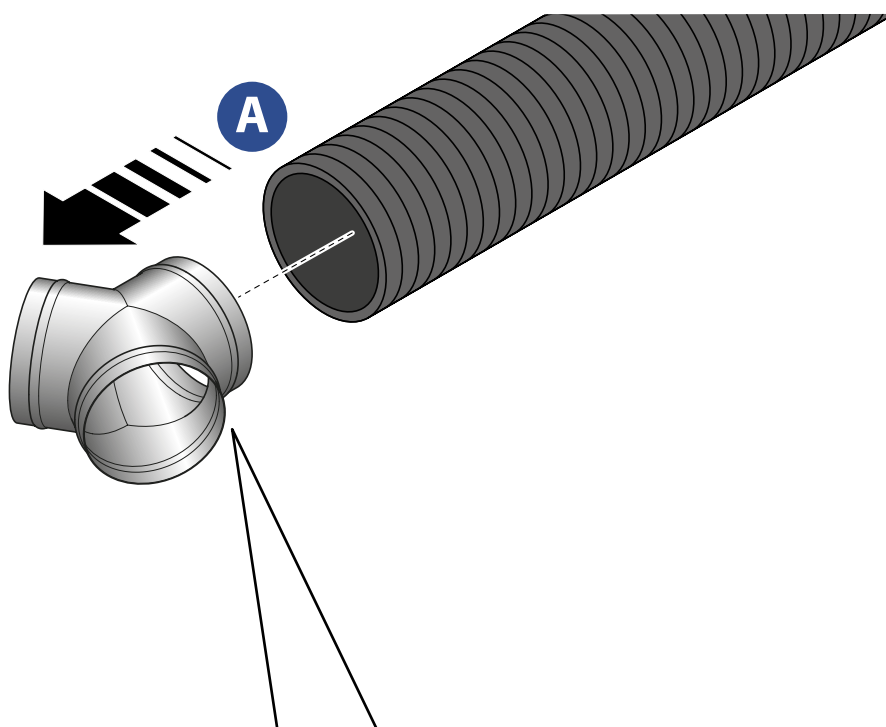


2.15 Y-DUCT ADAPTER  
DERIVAZIONE A Y



cod.	$\varnothing A$	$\varnothing B$	$\varnothing C$
7045041	100	100	100
7045046	125	125	125
7045049	150	150	150

1



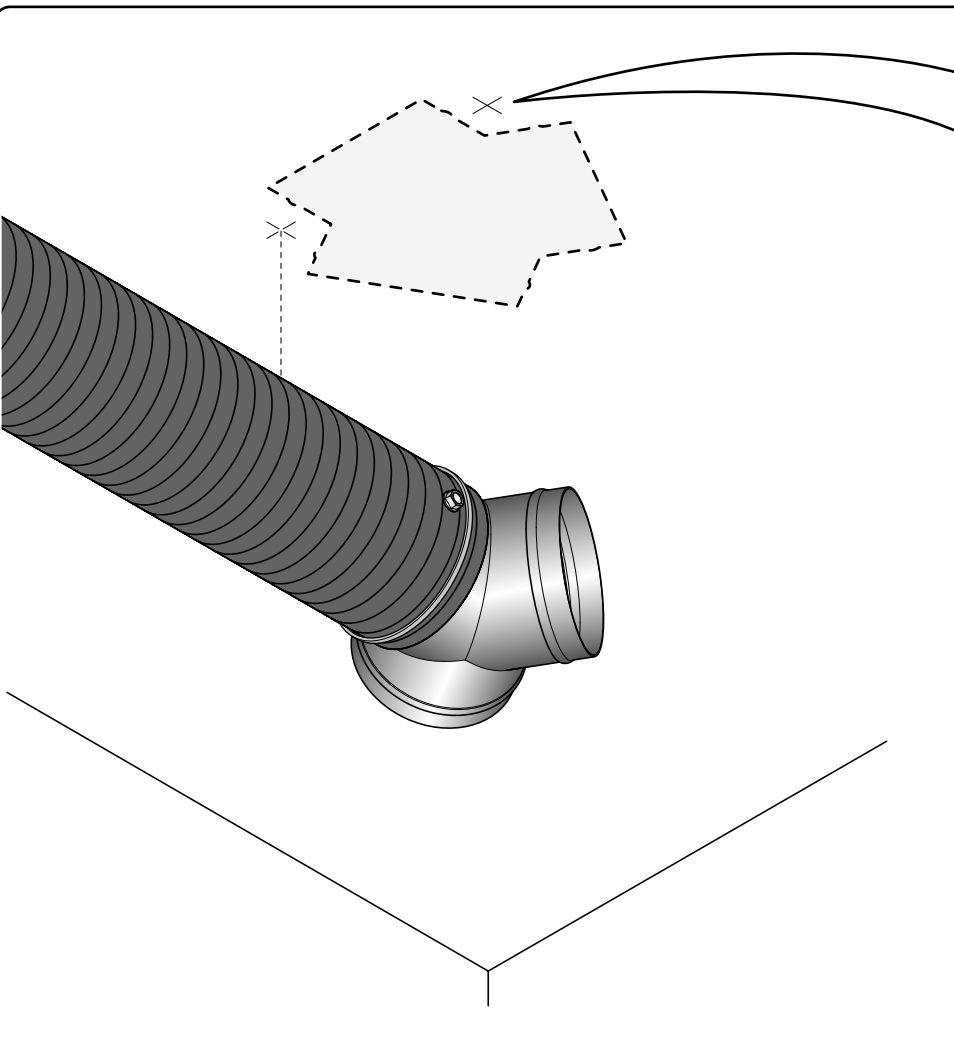


**2** x 2

---

**3** x 2

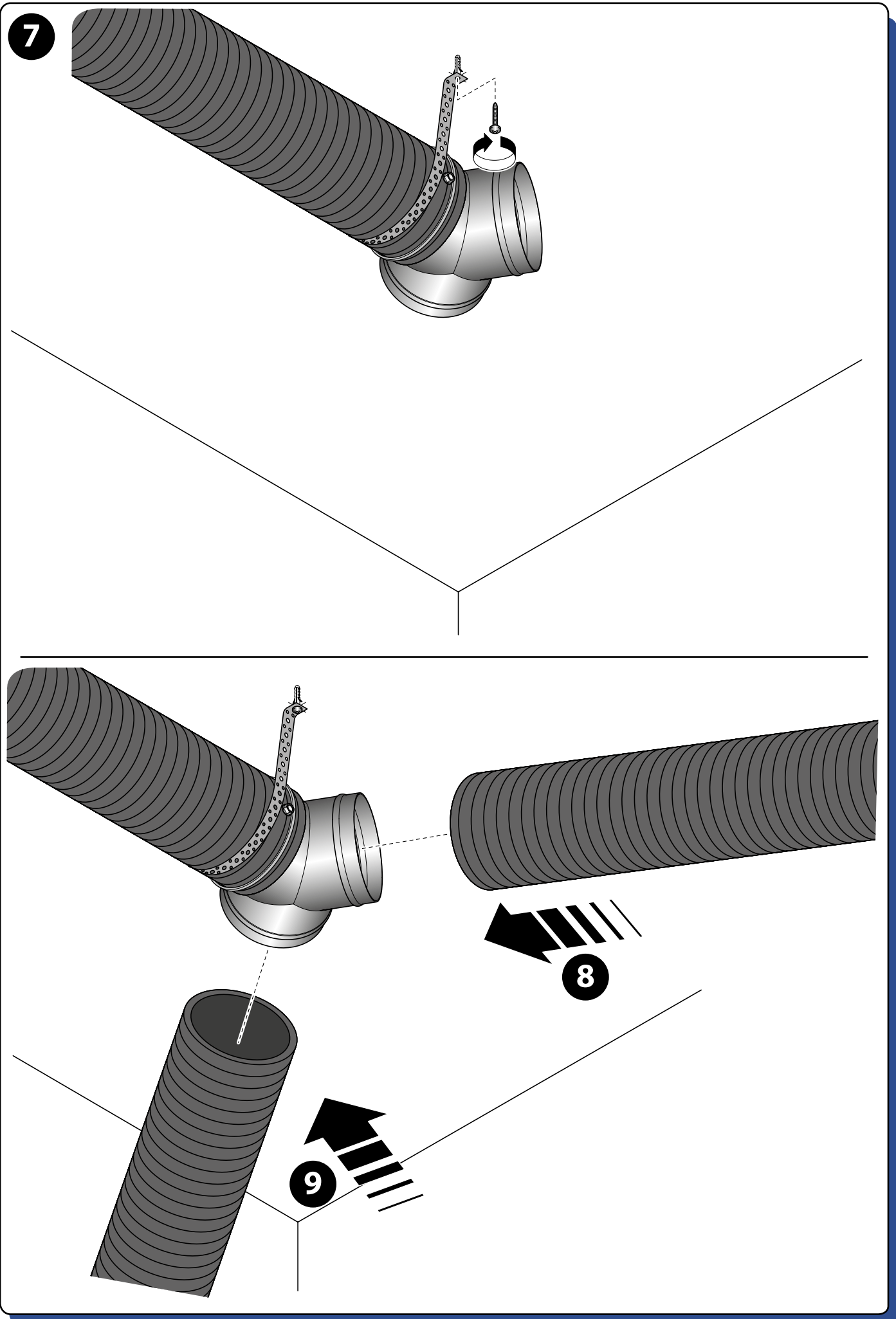
ø8 mm



**4**

**5**

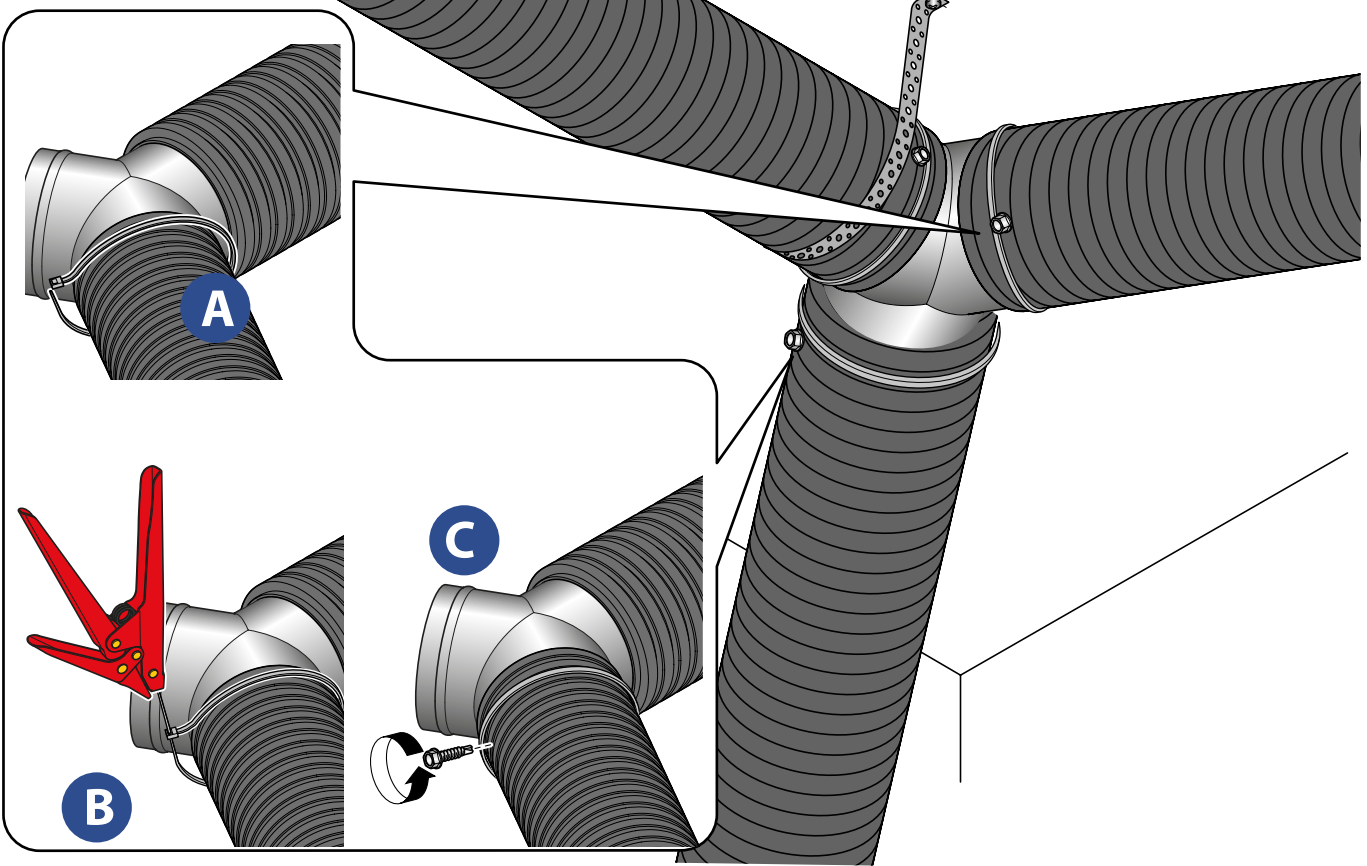
**6**



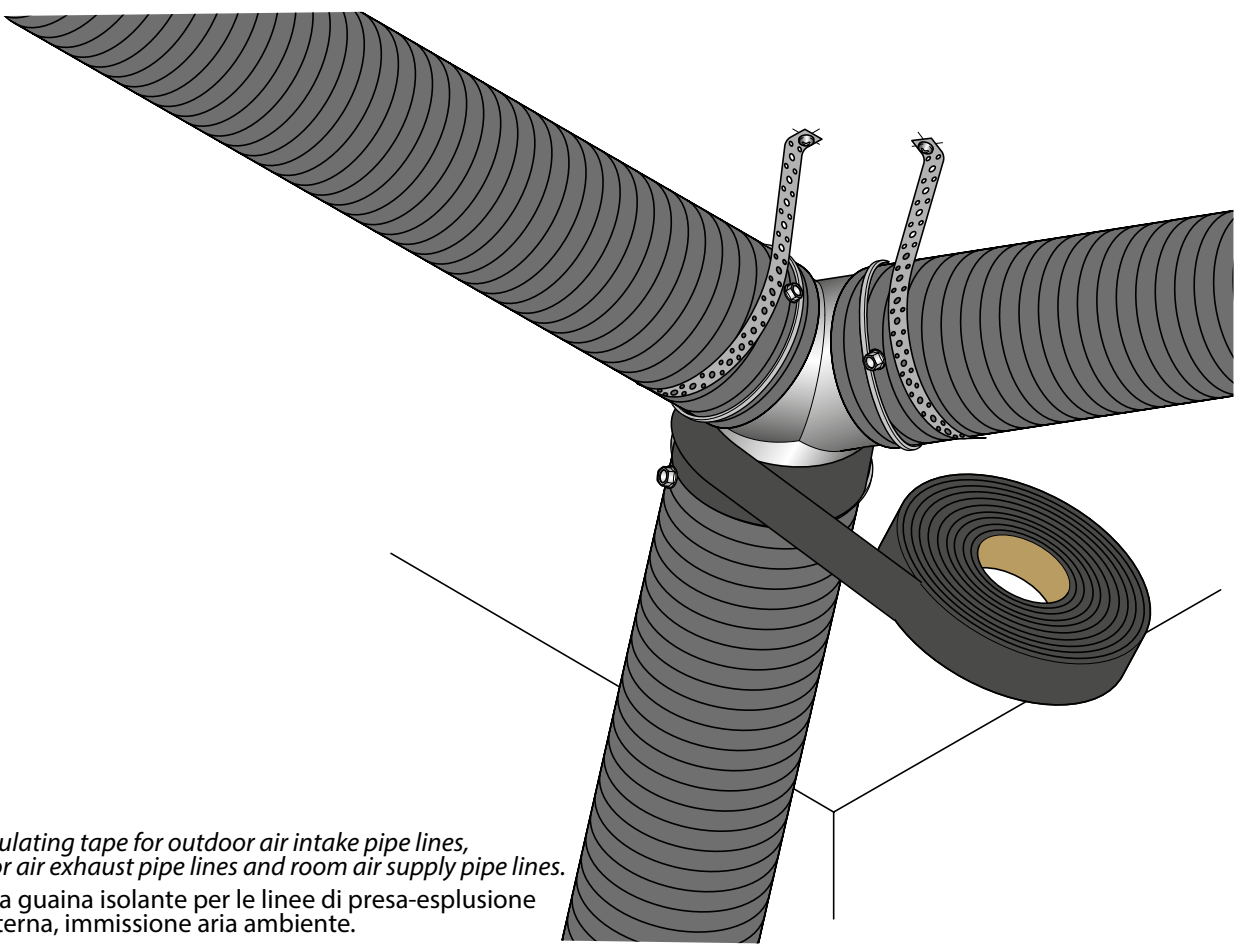




10

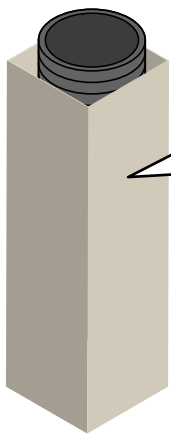


11



*Use insulating tape for outdoor air intake pipe lines,  
 outdoor air exhaust pipe lines and room air supply pipe lines.  
 Usare la guaina isolante per le linee di presa-espluisione  
 aria esterna, immissione aria ambiente.*

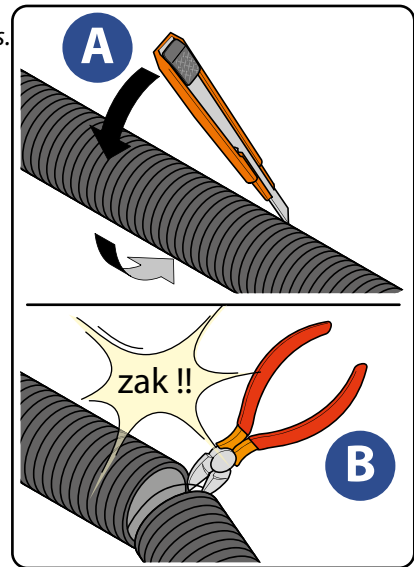
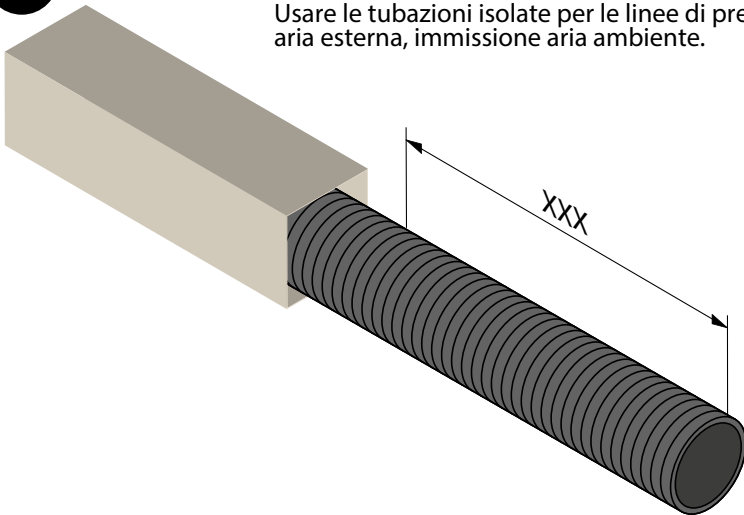
2.16 **ECO-FRIENDLY FLEXIBLE DUCT**  
**TUBO FLESSIBILE ECOLOGICO**



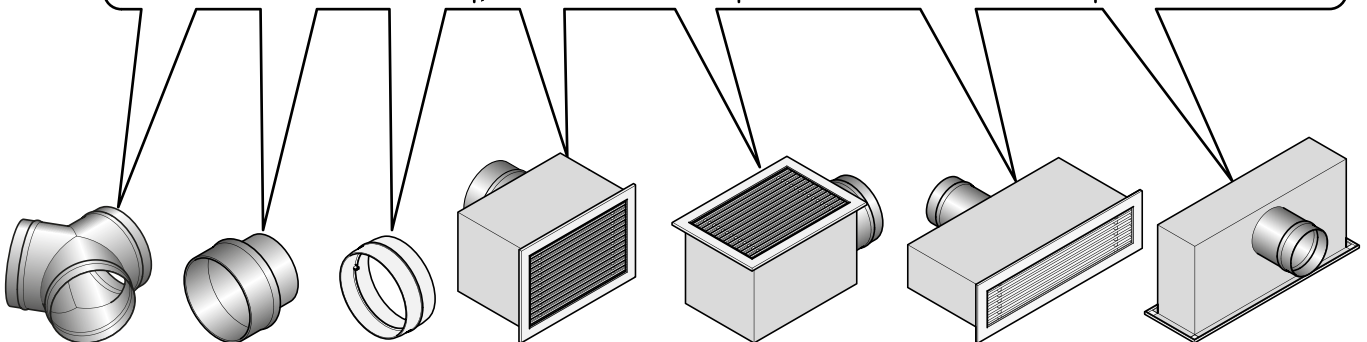
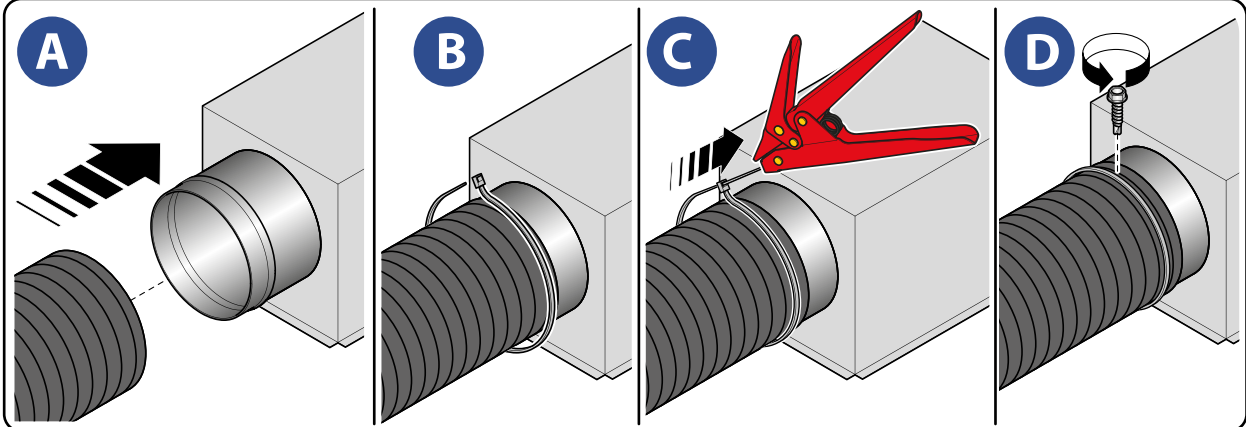
<b>7045111</b> <i>non-insulated</i> non isolato	<b>7045113</b> <i>non-insulated</i> non isolato	<b>7045116</b> <i>non-insulated</i> non isolato	<b>7045121</b> <i>non-insulated</i> non isolato
<b>7045211</b> <i>insulated</i> isolato	<b>7045213</b> <i>insulated</i> isolato	<b>7045216</b> <i>insulated</i> isolato	<b>7045221</b> <i>insulated</i> isolato

**1**

Use insulated ducts for outdoor air intake pipe lines,  
 outdoor air exhaust pipe lines and room air supply pipe lines.  
 Usare le tubazioni isolate per le linee di presa-esplorazione  
 aria esterna, immissione aria ambiente.

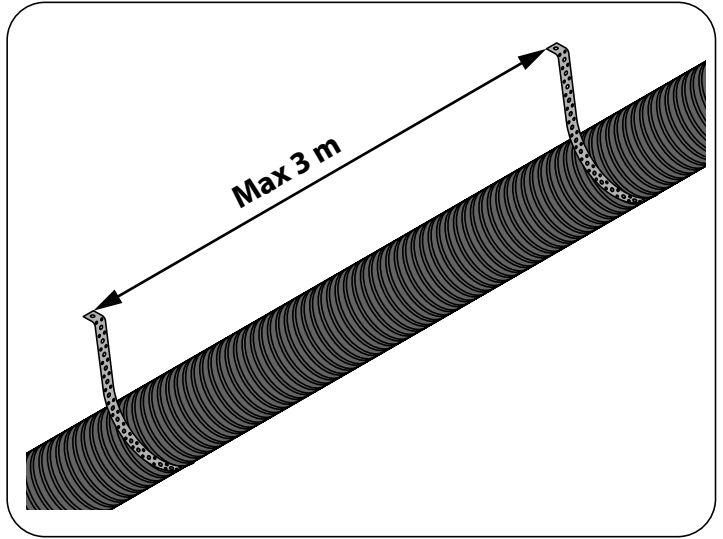
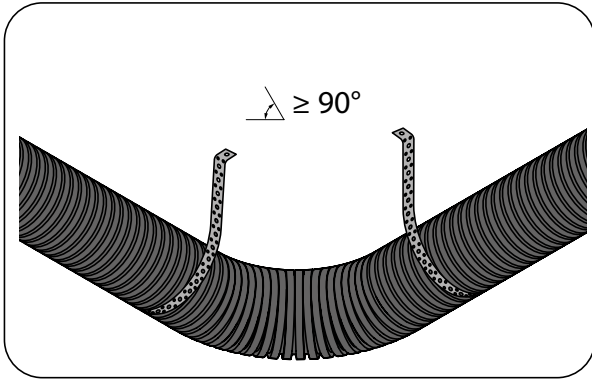


**2**





3



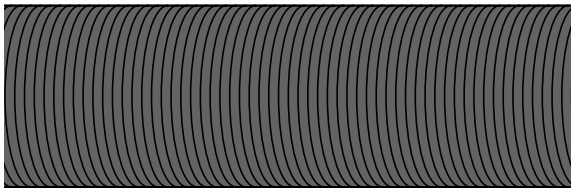
**NO**



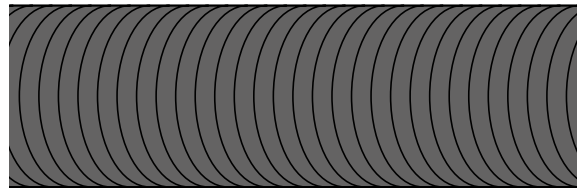
**OK**



**NO**

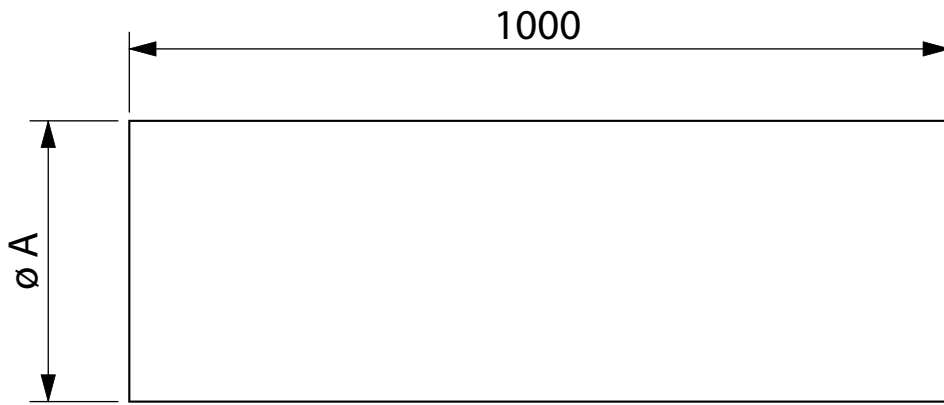


**OK**

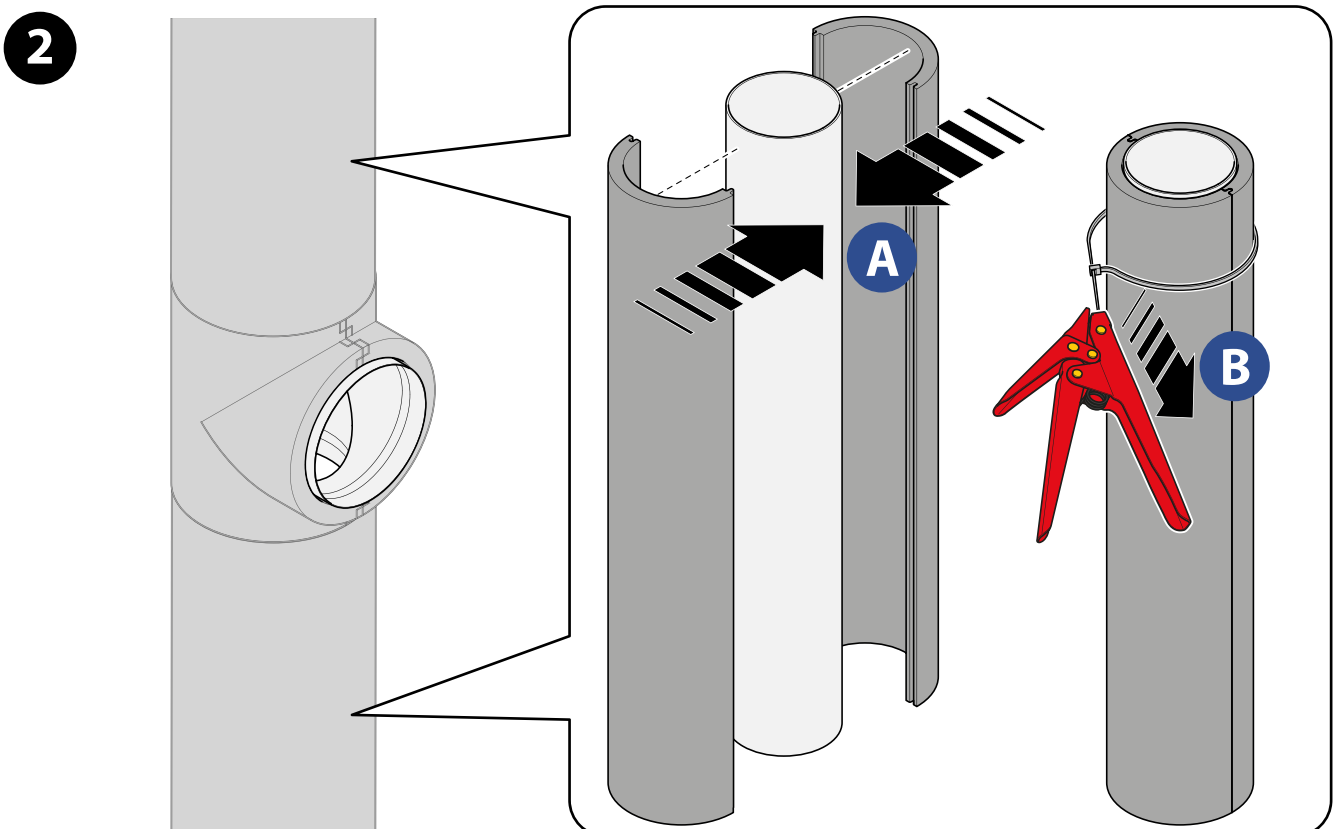
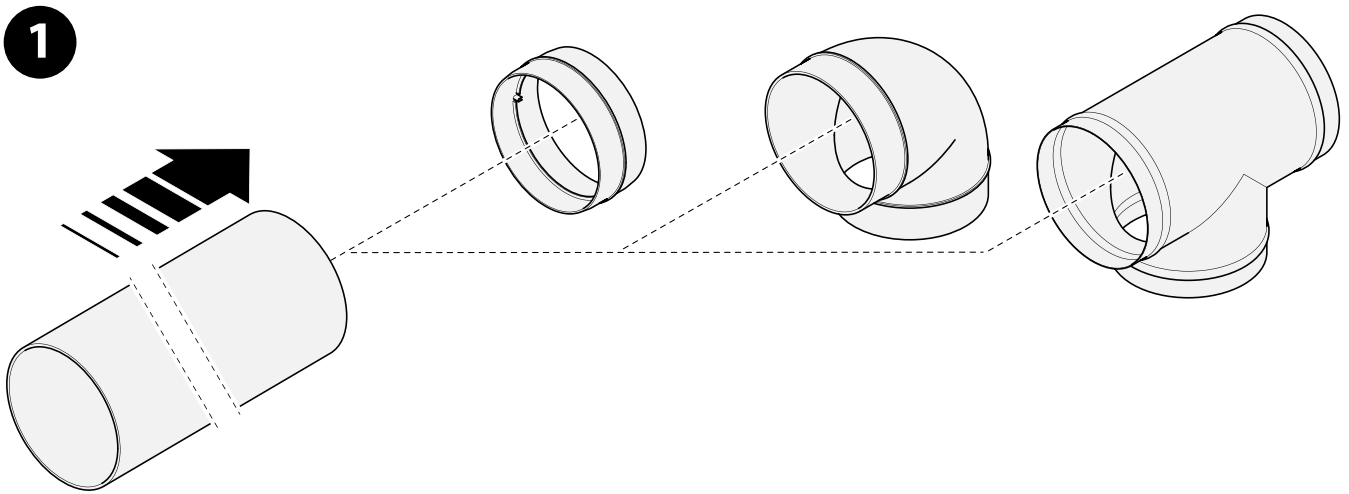




2.17 PVC PIPE  
TUBO PVC

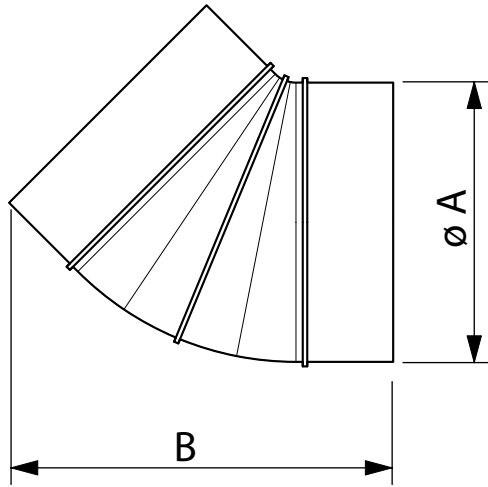


cod.	$\varnothing A$
7045450	125
7045400	150



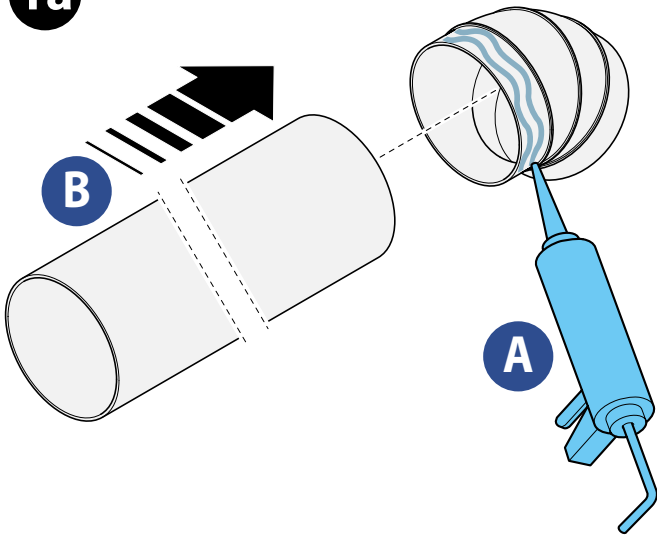


2.18 PVC ELBOW 45°  
CURVA PVC 45°

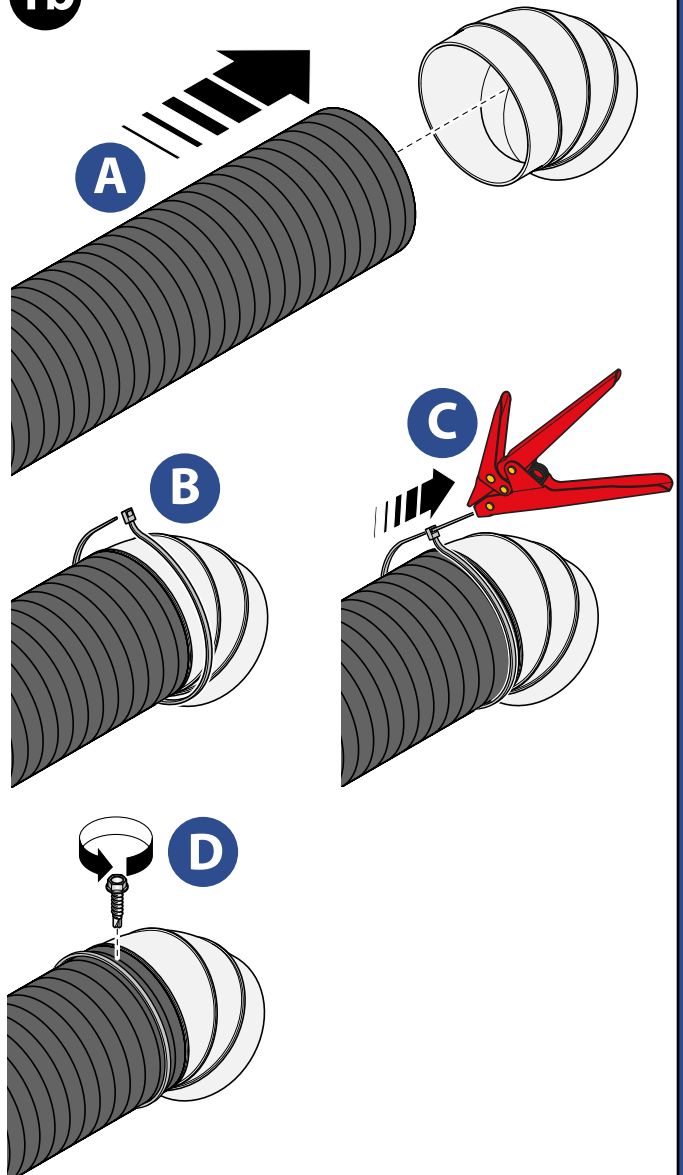


cod.	ø A	B
7045465	125	165
7045415	150	179

1a

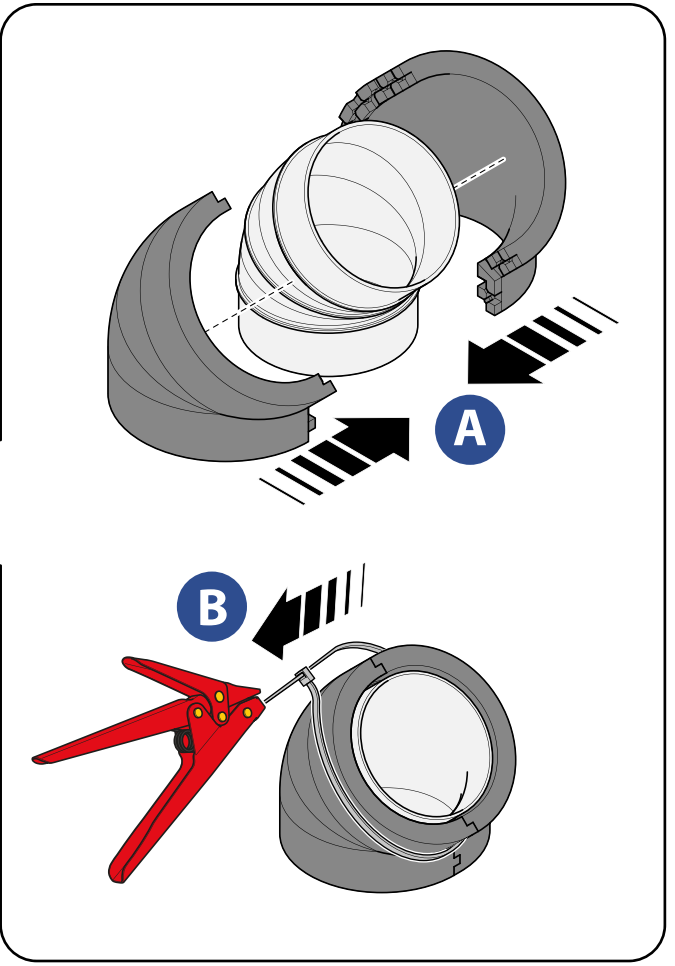
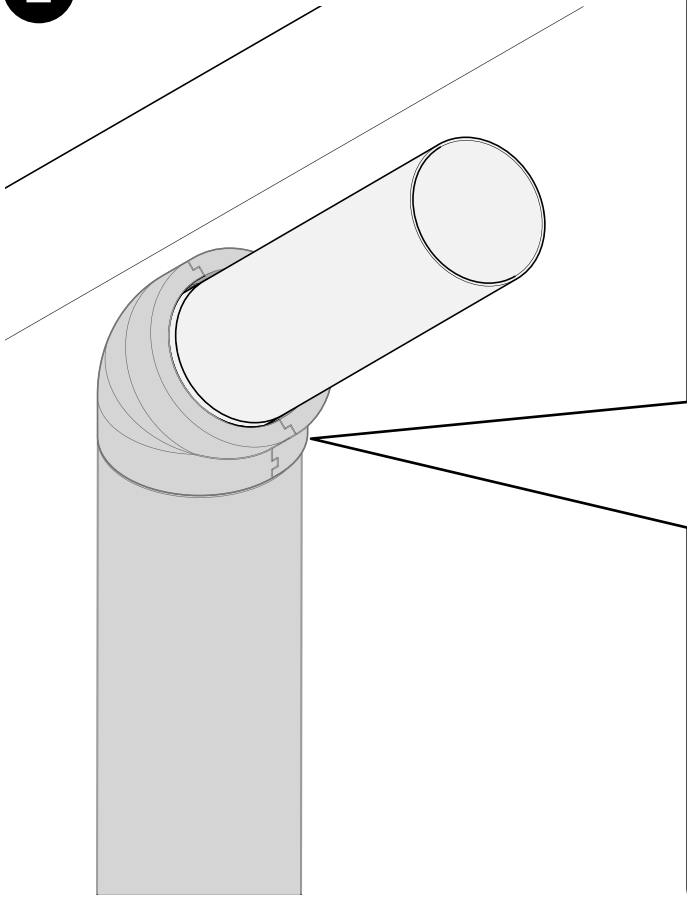


1b



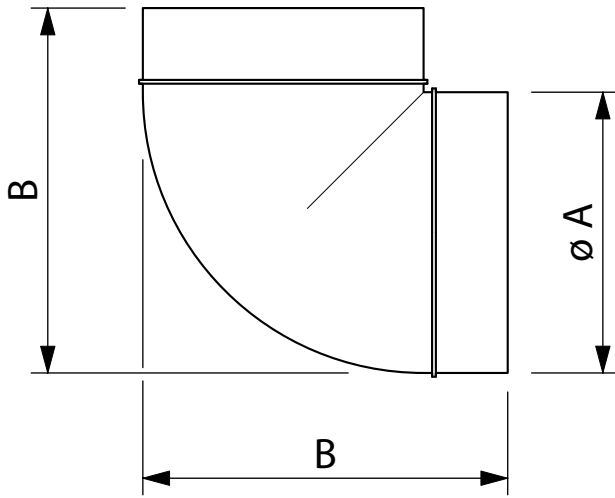


2



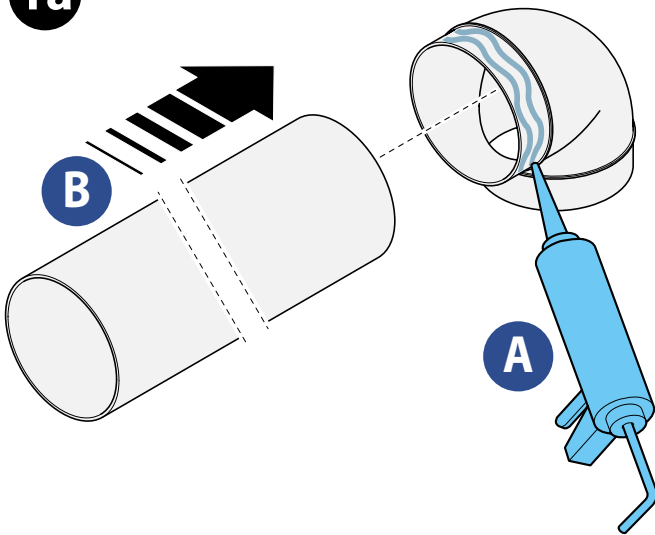


2.19 PVC ELBOW 90°  
CURVA PVC 90°

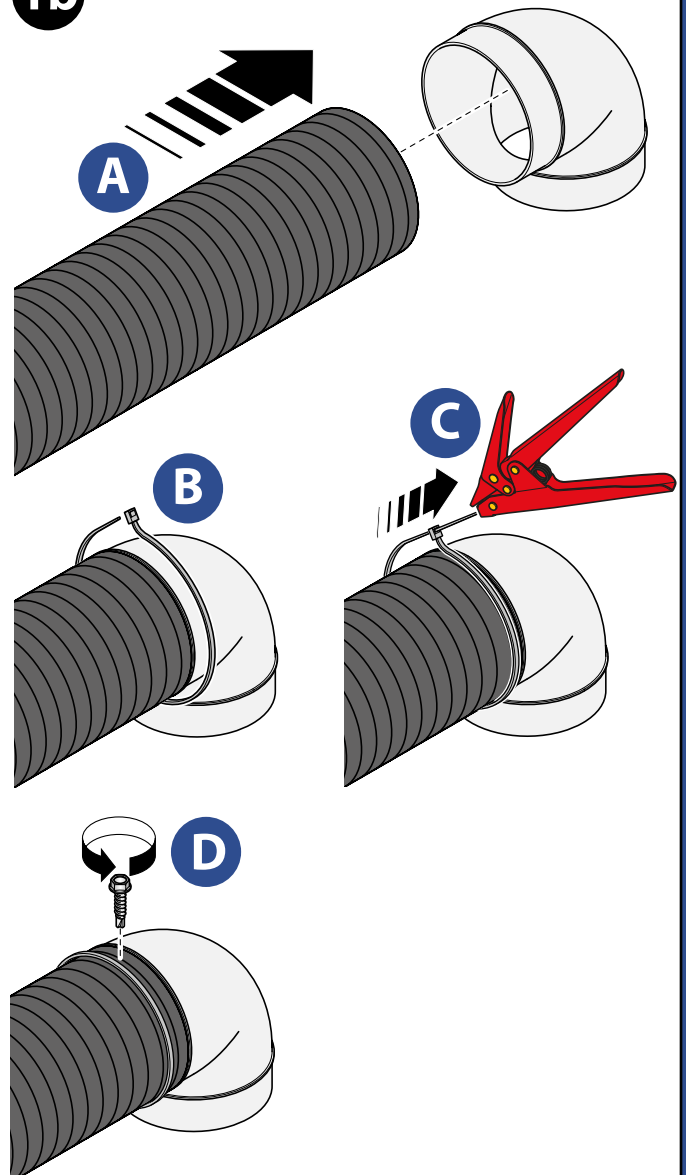


cod.	ø A	B
7045455	125	171
7045405	150	193
7045420	200	342

1a

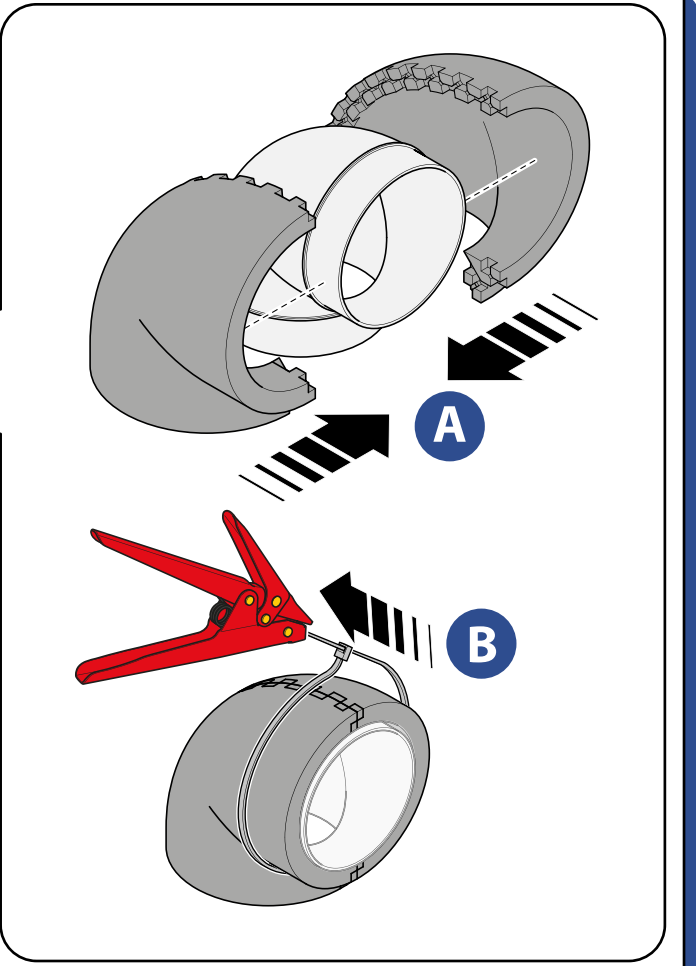
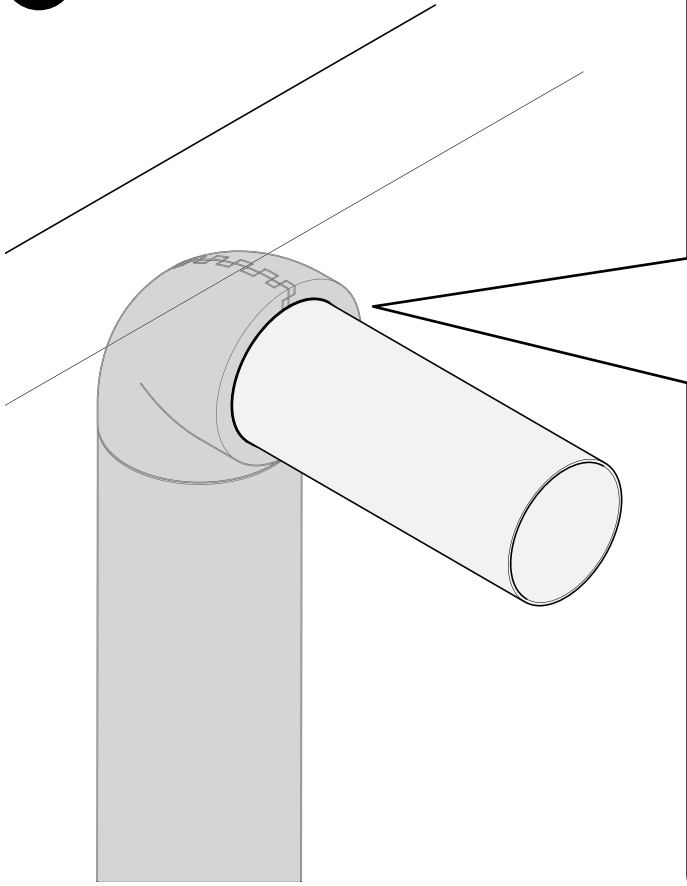


1b





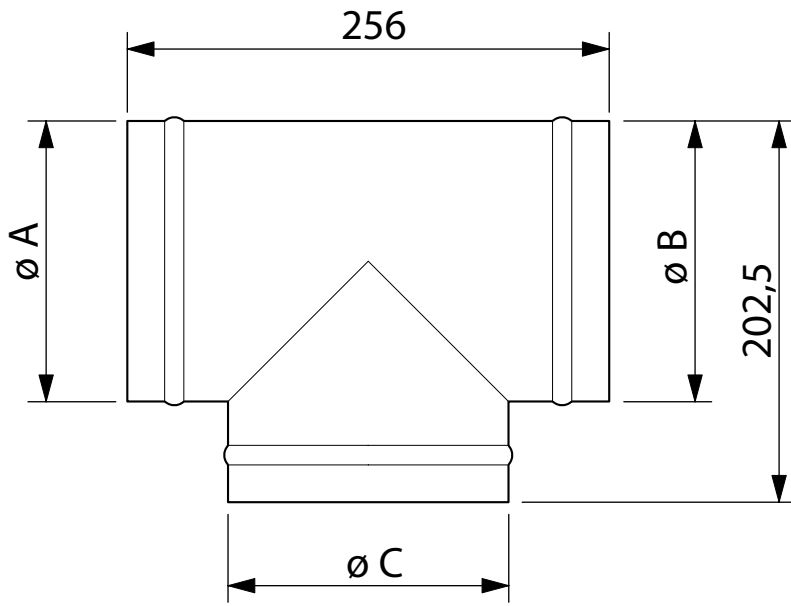
2





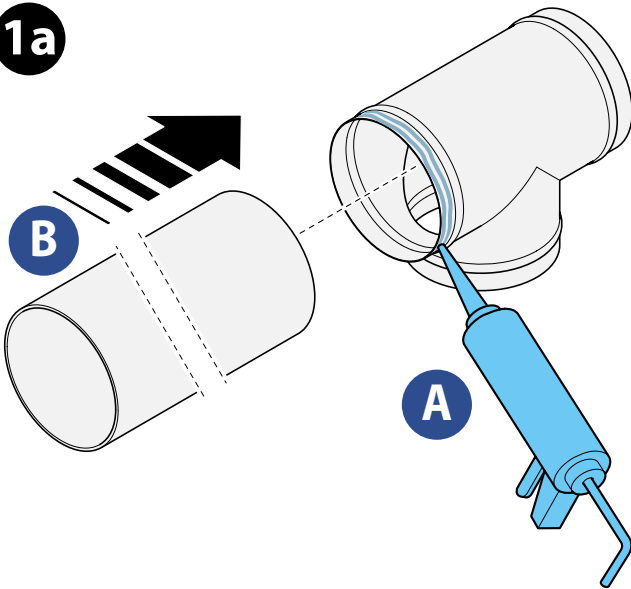


2.20 TEE DUCT ADAPTER  
DERIVAZIONE A T

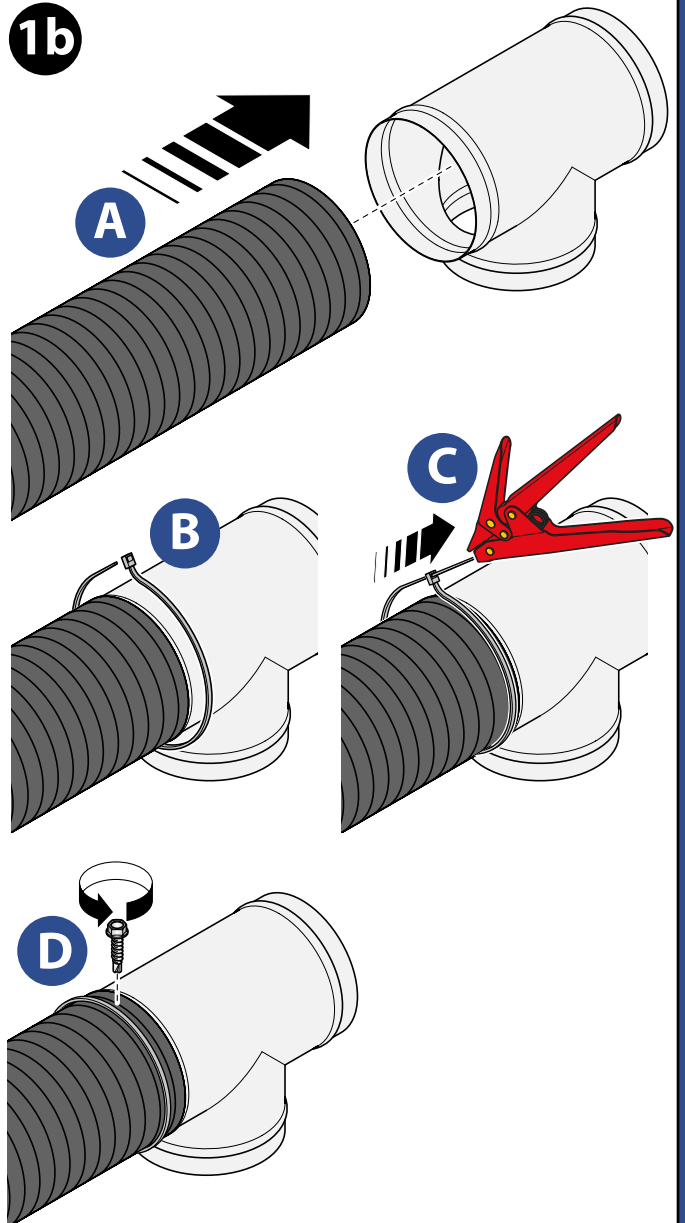


cod.	$\varnothing A$	$\varnothing B$	$\varnothing C$
7045460	125	125	125
7045410	150	150	150

1a

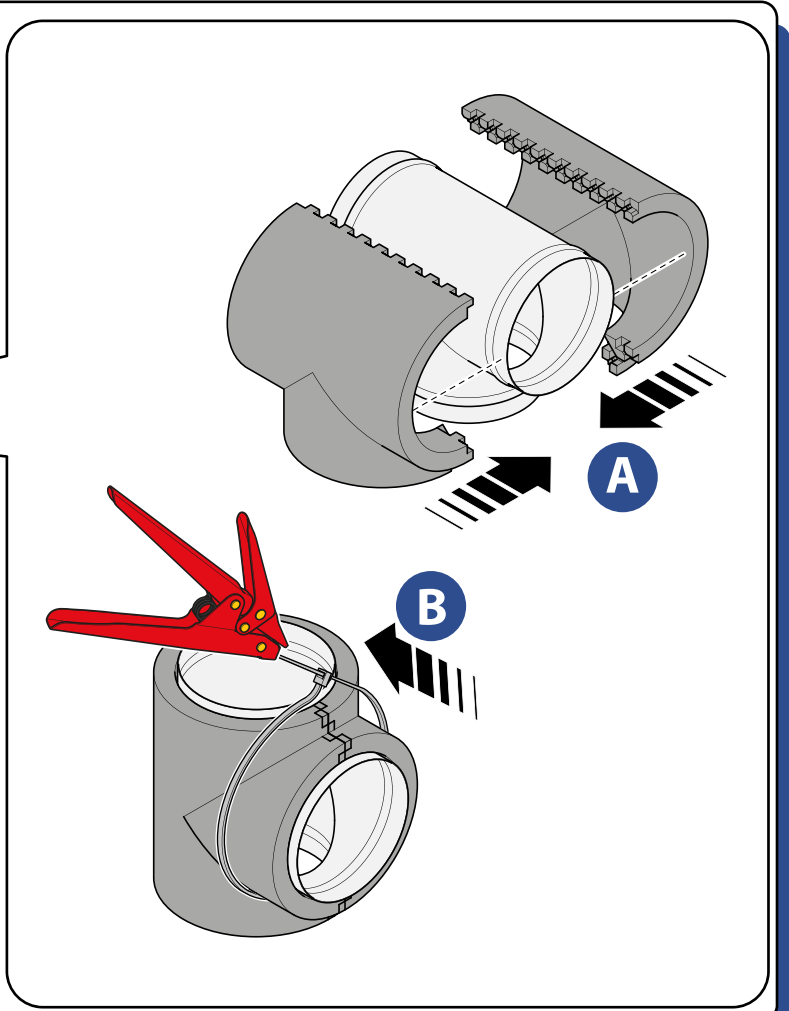
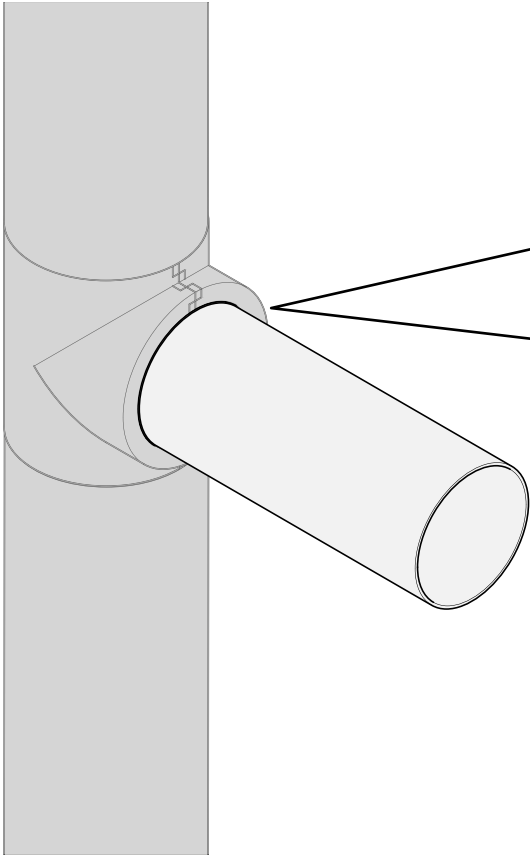


1b



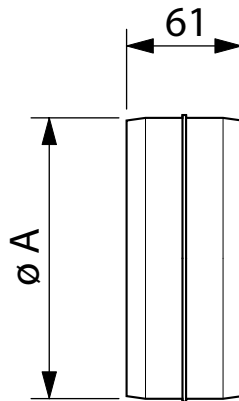


2



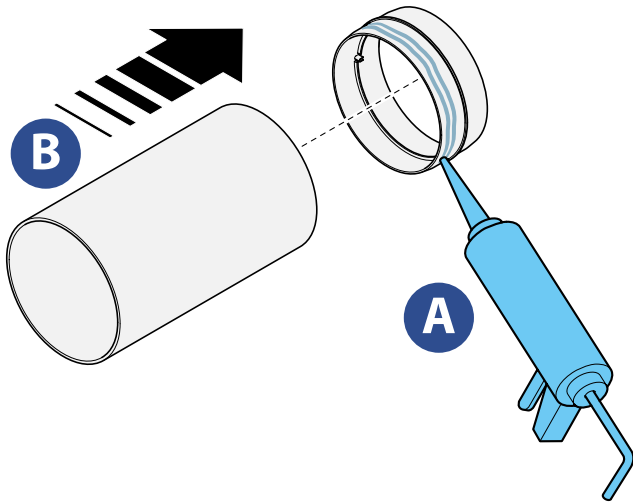


2.21 PVC JOINT SLEEVE  
MANICOTTO DI GIUNZIONE IN PVC

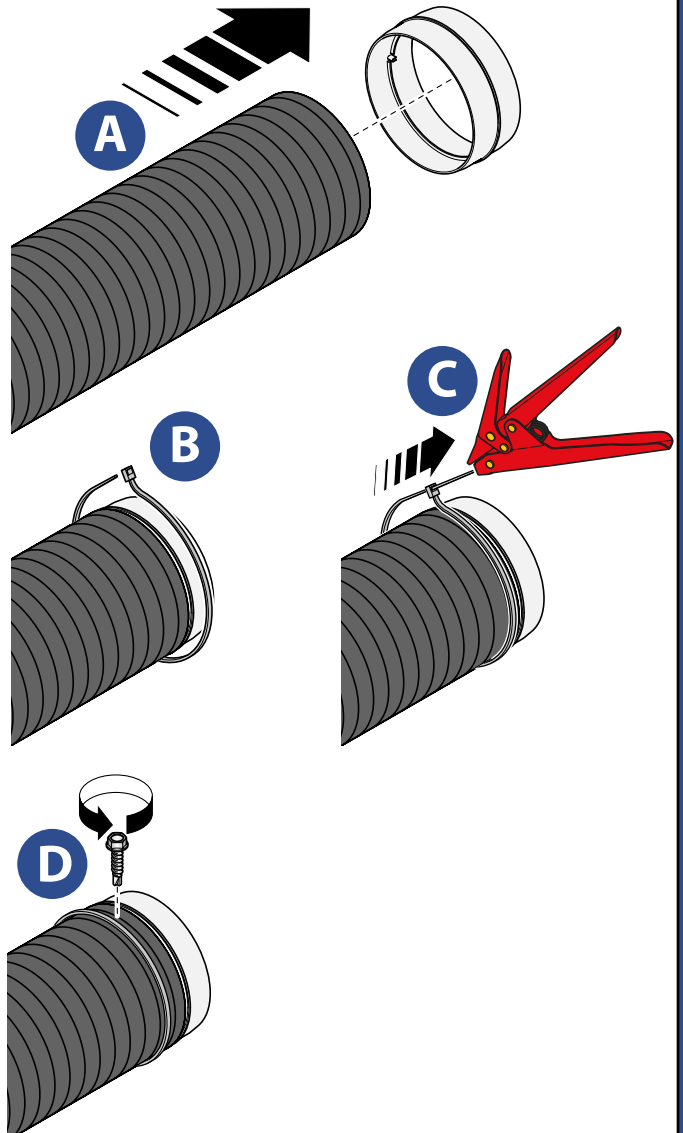


cod.	$\varnothing A$
7045407	125
7045408	150

1a

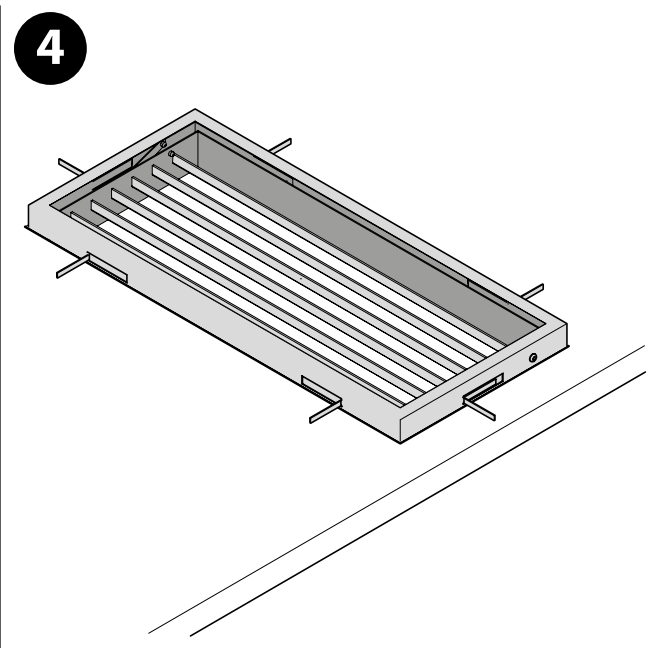
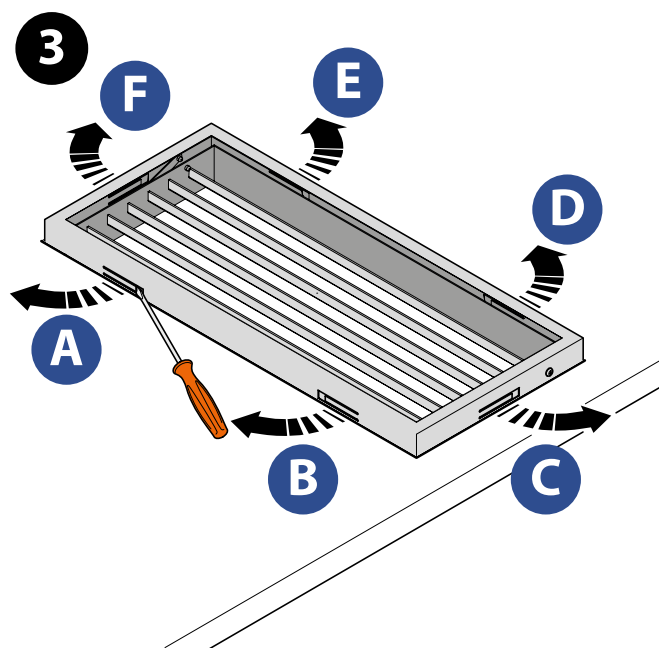
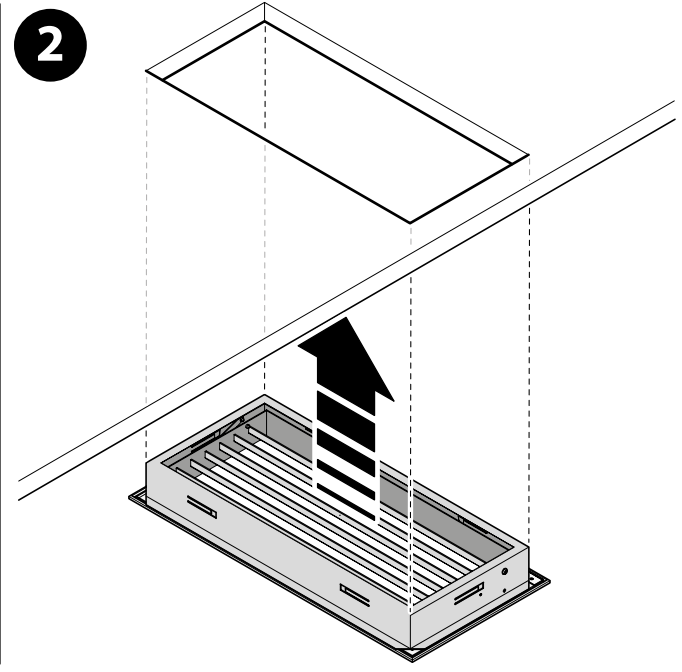
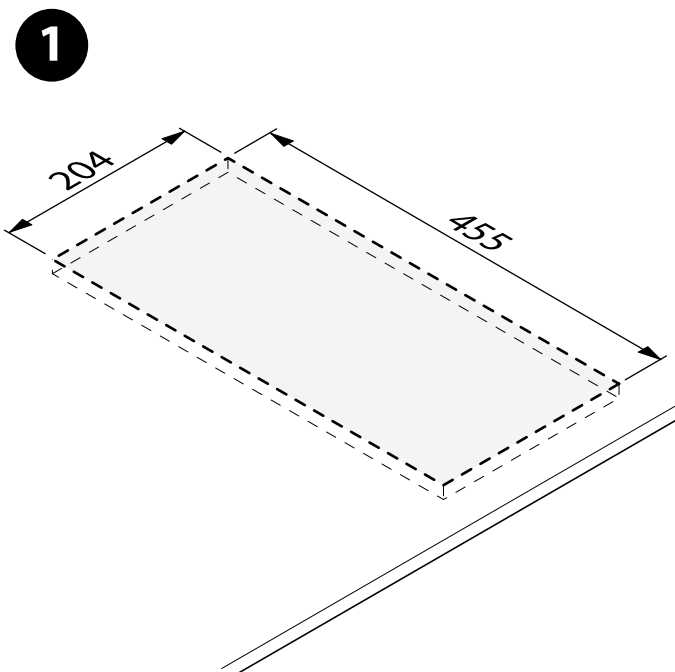
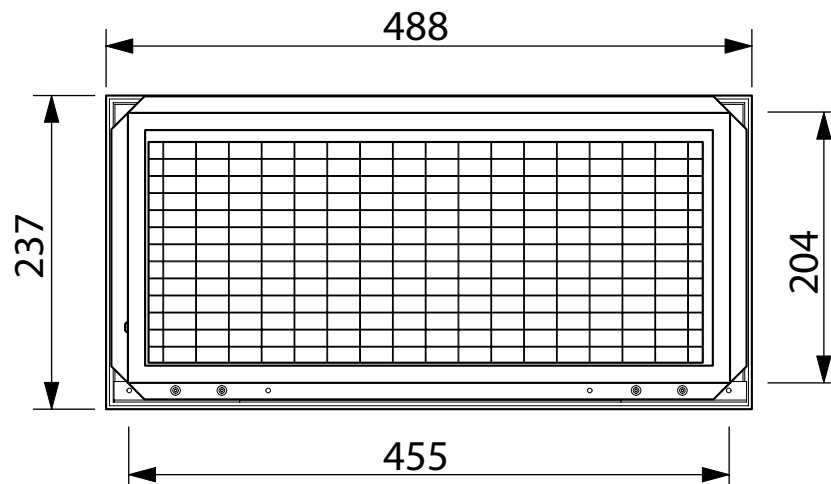


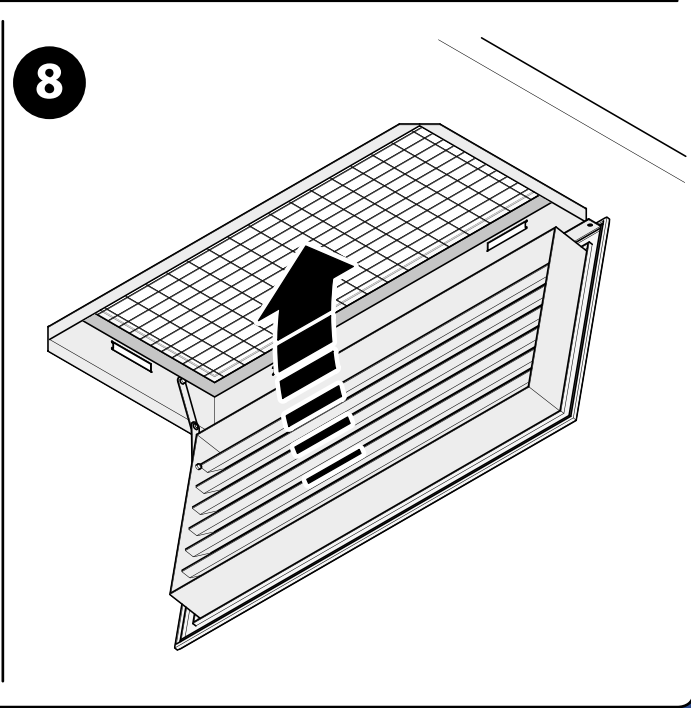
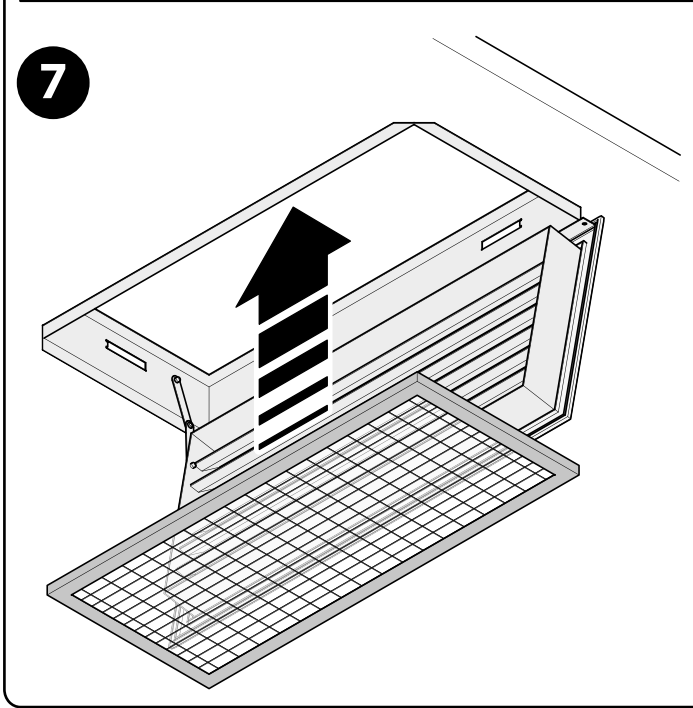
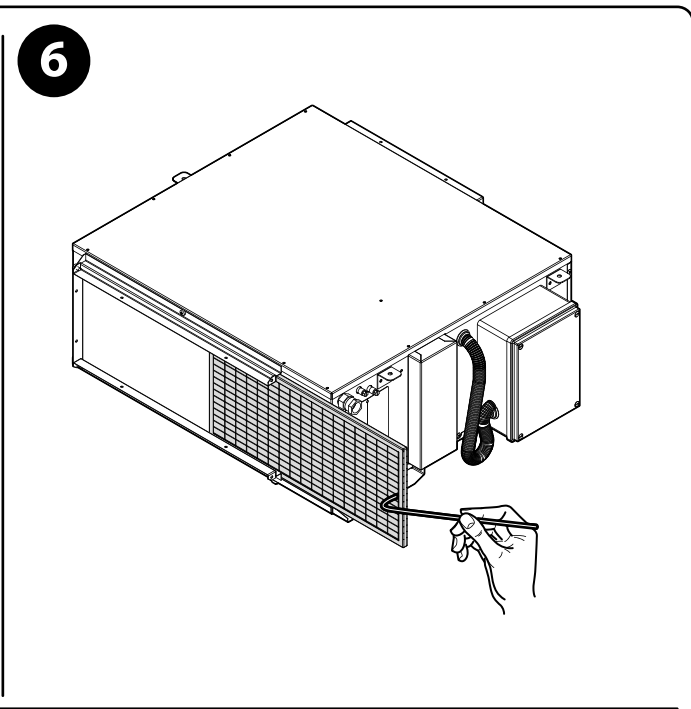
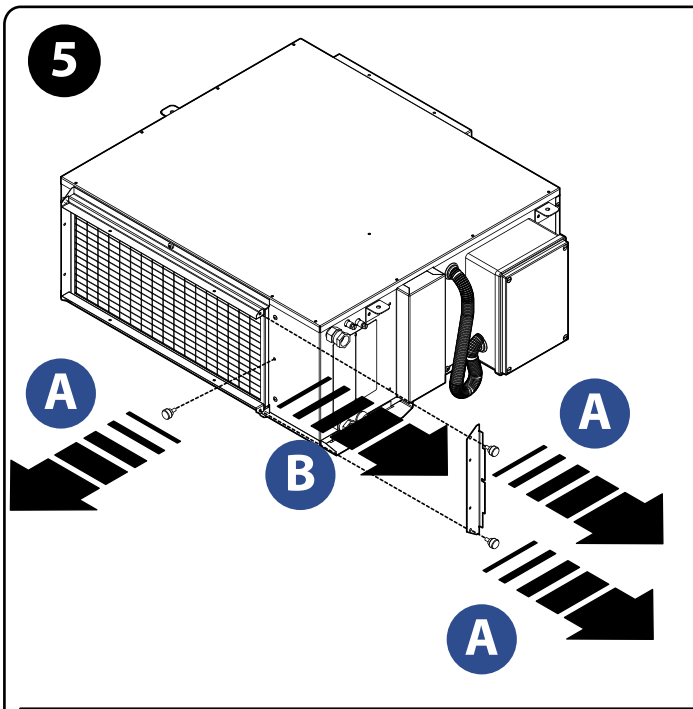
1b





2.22 RECIRCULATION VENT FOR 404/411  
GRIGLIA DI RIPRESA PER RNW 404/411

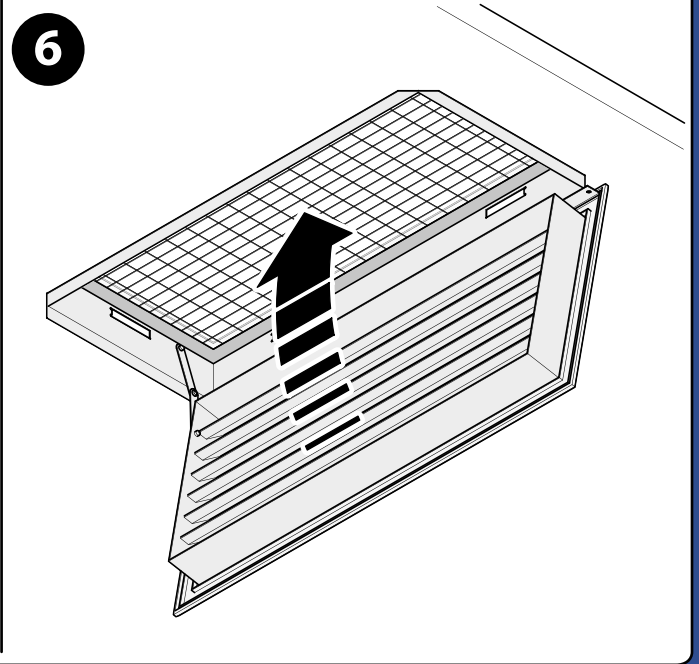
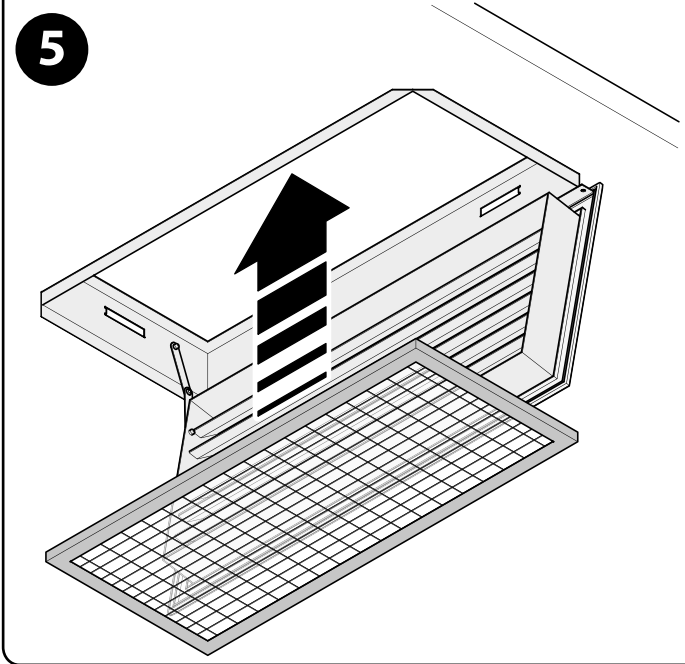
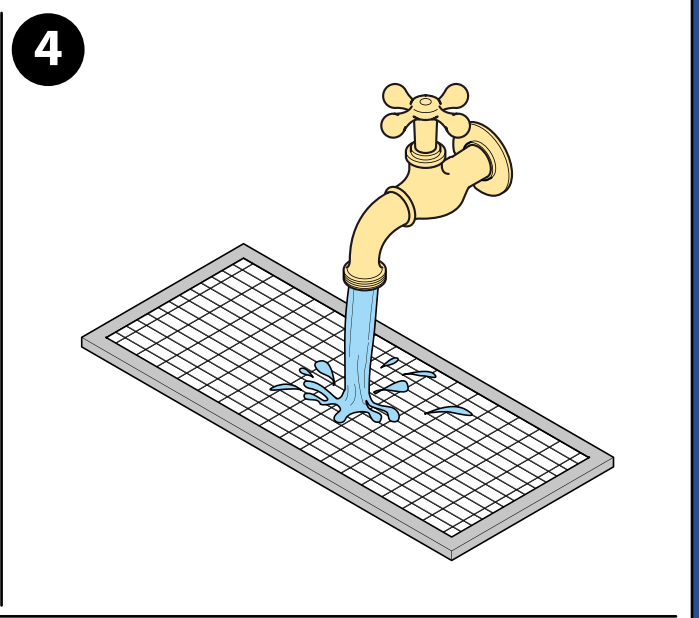
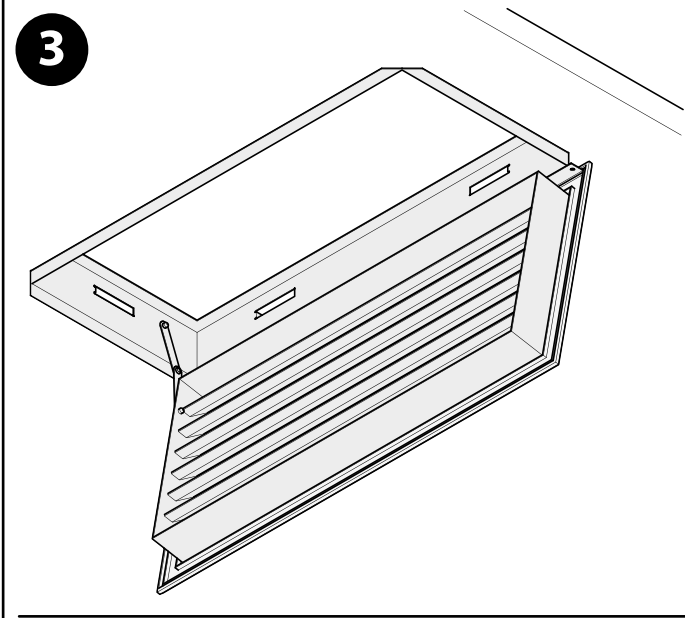
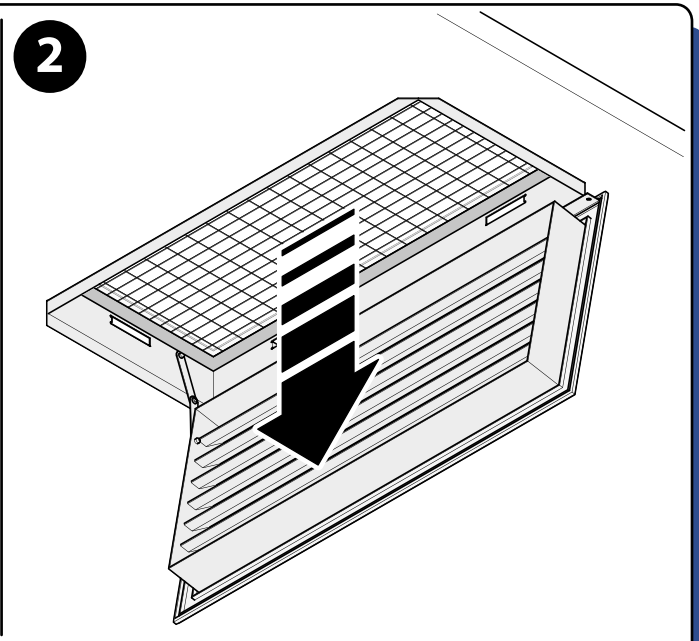
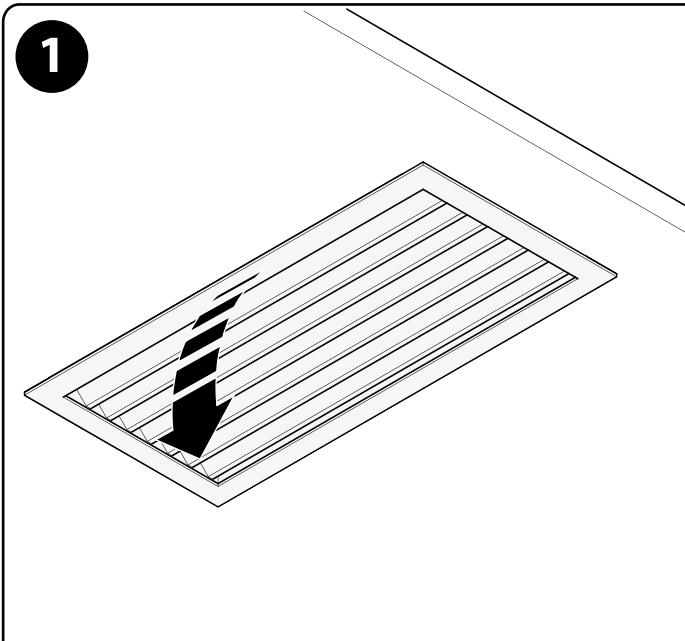






**MAINTENANCE**

**OPERAZIONE DI MANUTENZIONE**







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FAF0CC000AB.00  
06/2019