

Lindab **LTD**

Slot diffuser - Installation instruction - UK  
Spaltdon - Montageinstruktion - SE  
Rakohajoittajat - Asennusohje - FI  
Schlitzdurchlass - Montageanleitung - DE  
Diffusore lineare - Istruzioni di montaggio - IT  
Diffuseur à fentes - Instructions de montage - FR  
Nawiewnik szczelinowy – Instrukcja montażu - PL



## LTD

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# LTD

**Symbols  
Symbole  
Symbolit  
Symbole  
Simboli  
Symboles  
Symbole**



Supply air  
Tilluft  
Sisäänpuhallus  
Zuluft  
Aria di mandata  
Soufflage  
Powietrz nawiewane



Extract air  
Frånluft  
Poistoilma  
Abluft  
Aria di estrazione  
Extraction  
Powietrze wywiewane



Extract air  
Frånluft  
Poistoilma  
Abluft  
Aria di estrazione  
Extraction  
Powietrze wywiewane



Horizontal supply air  
Horisontell tilluft  
Vaakasuora puhallus  
Horizontale Zuluft  
Mandata horizontale  
Soufflage horizontal  
Poziomy nawiew powietrza



Vertical supply air  
Vertikal tilluft  
Pystysuora puhallus  
Vertikale Zuluft  
Mandata vertikale  
Soufflage vertical  
Pionowy nawiew powietrza



Closed damper  
Stängt spjäll  
Suljettu säätöpelti  
Geschlossene Drossel  
Serranda chiusa  
Registre fermé  
Przepustnica zamknięta



Open damper  
Öppet spjäll  
Säätöpelti auki  
Geöffnete Drossel  
Serranda aperta  
Registre ouvert  
Przepustnica otwarta



Unlock  
Låsa upp  
Avaa  
Geöffnet  
Sblocco  
Déverrouiller  
Brak blokady



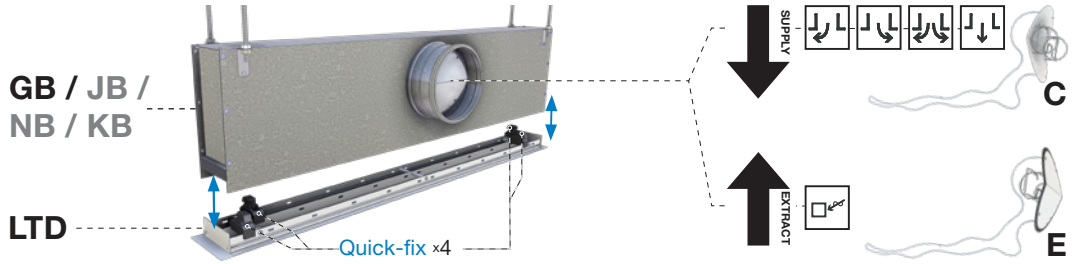
Lock  
Låsa  
Lukitse  
Geschlossen  
Blocco  
Verrouiller  
Blokada

**Note:  
Quick-fix**

**Standard 4 pieces included, only when length is longer than 1500 mm there is an extra pair delivered (6 pieces in total).**

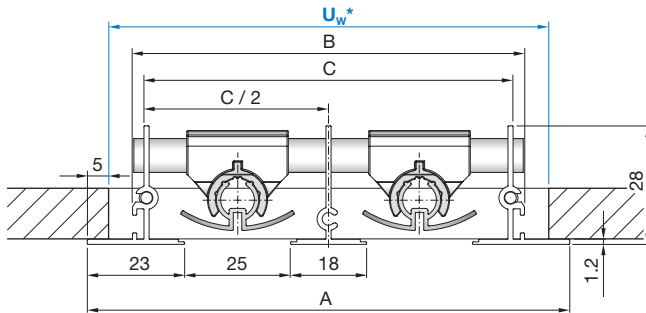
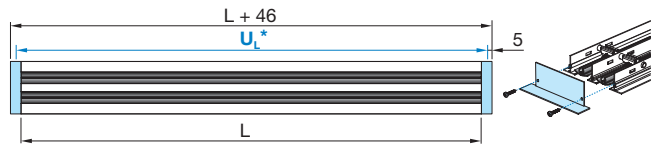
# LTD

Overview  
Översikt  
Yleiskatsaus  
Übersicht  
Panoramica  
Aperçu  
Widok ogólny

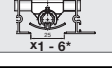


Dimensions  
Dimensioner  
Mitat  
Dimensionen  
Dimensioni  
Dimensions  
Wymiary

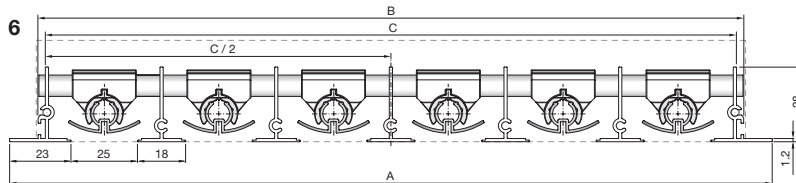
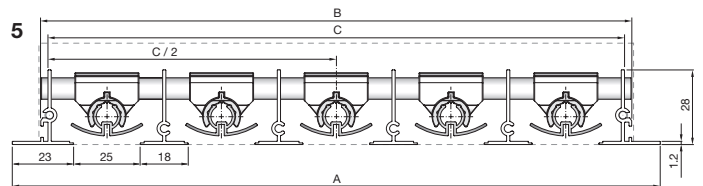
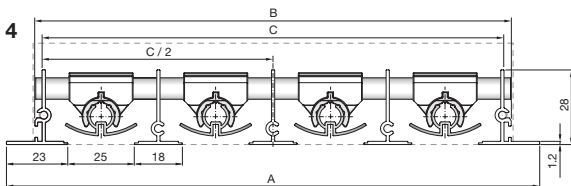
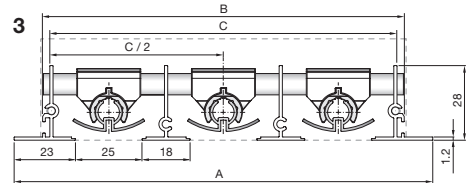
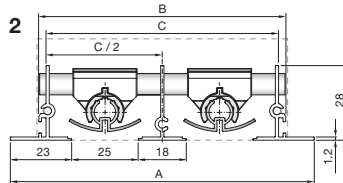
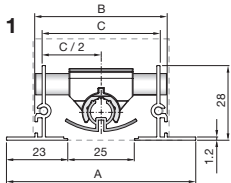
$300 \leq L \leq 2000$  mm  
300 - 350 - 450.....1000 - 1150 - 2000



LTD-25

 x1 - 6*	A mm	B mm	C mm	Kg/m
1	71	50	44	0.75
2	114	93	87	1.18
3	157	136	130	1.62
4	200	179	173	2.05
5	243	222	216	2.49
6	286	265	259	2.93

x1 - 6\* = No. of slots/Antal spalter/Rakojen määrä/Schlitzanzahl/N. di feritoie/Nbre. de fentes/liczba szczelin



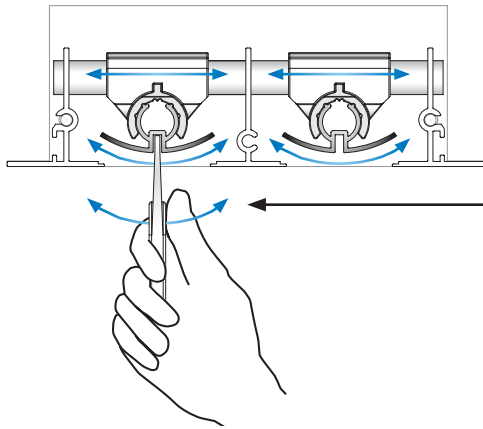

Ceiling grid opening  
Håltagning  
Aennusaukko  
Ausschnittmaß  
Dimensione del foro  
Overture dans le plafond  
Otwór montażowy w suficie

$$U_w^* = A - (2 \times 5 \text{ mm})$$

$$U_L^* = U_L = L + 46 - (2 \times 5 \text{ mm})$$

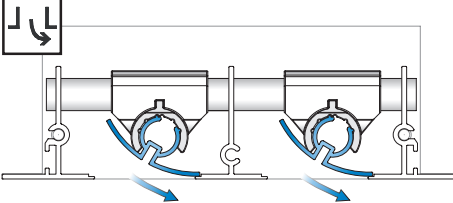
# LTD

**Adjustable blades**  
**Ställbara lameller**  
**Säädettävät säleet**  
**Einstellbare Luftlenkelemente**  
**Alette regolabili**  
**Ailettes réglables**  
**Regulacja deflektorów**

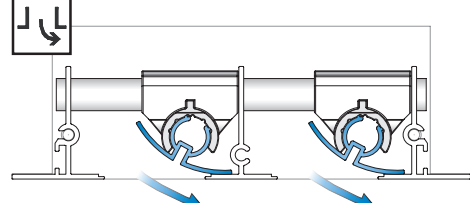



Included with LTD  
 Ingår med LTD  
 Toimitetaan LTD:n mukana  
 Wird mit den LTD geliefert  
 Incluso con LTD  
 Accessoires inclus  
 W zestawie z LTD

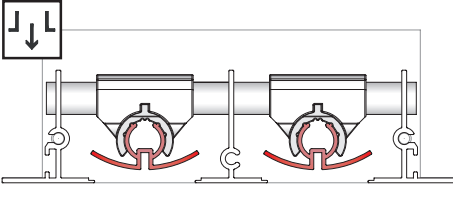
Examples - Exempel - Esimerkkejä - Beispiele - Esempi - Exemples - Przykłady



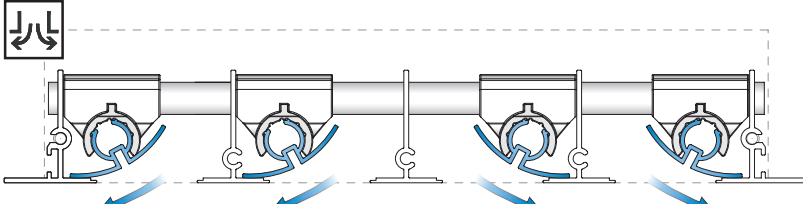
High Coanda effect -  
 Hög Coanda effect - Voimakas coanda -  
 Hoher Coanda-Effekt - Alto effetto Coanda -  
 Effet Coanda élevé - Efekt Coandy

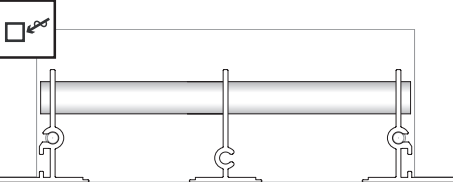
High air capacity -  
 Hög luftkapacitet - Suuri ilmavirta -  
 Hohe Luftleistung - Alta portata d'aria -  
 Capacité d'air élevée - Duża wydajność powietrza

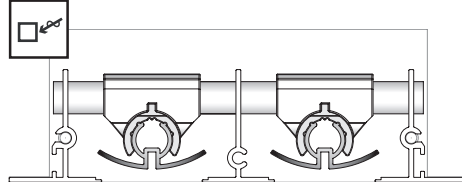


Vertical supply -  
 Vertikal tilluft - Pystysuorapuhallus -  
 Vertikale Zuluft - Mandata vertikale -  
 Soufflage vertical - Nawiew pionowy



High air capacity - Hög luftkapacitet - Suuri ilmavirta -  
 Hohe Luftleistung - Alta portata d'aria - Capacité d'air élevée -  
 Duża wydajność powietrza

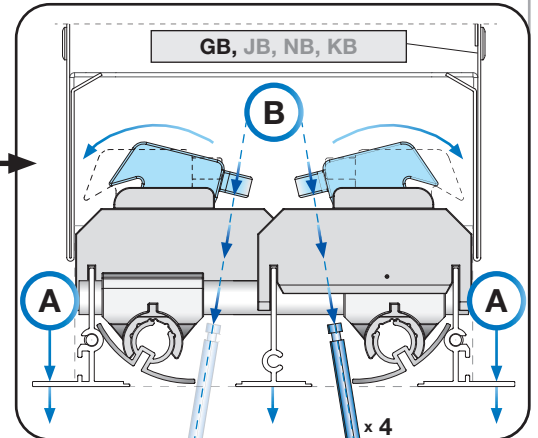
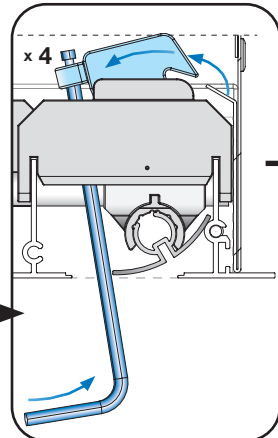
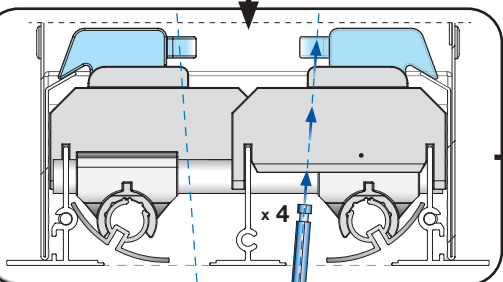
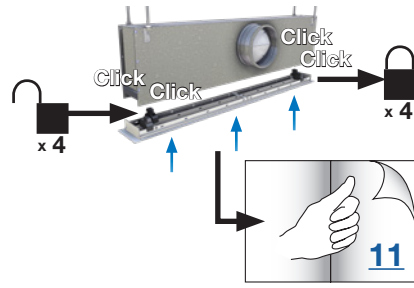
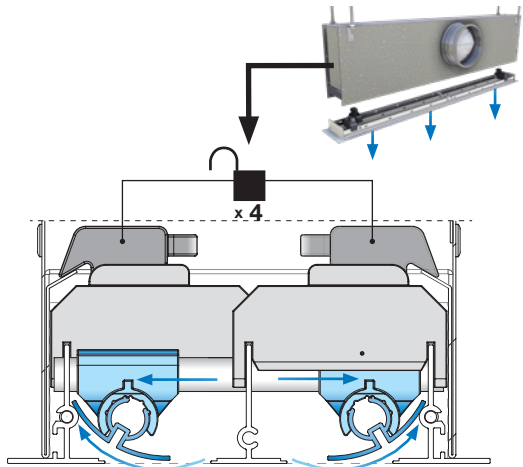
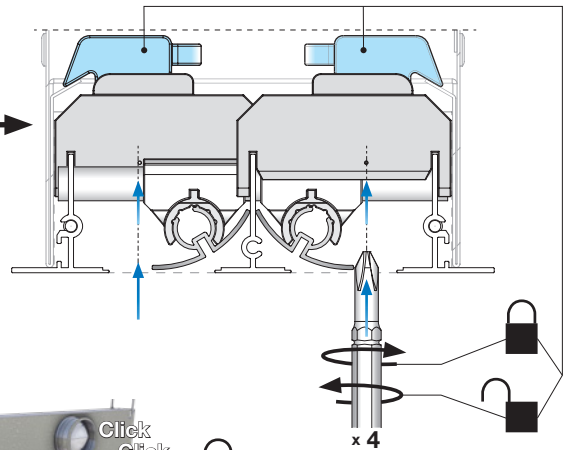
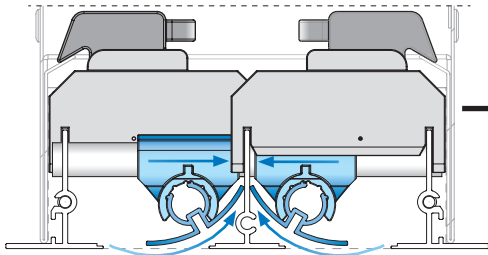
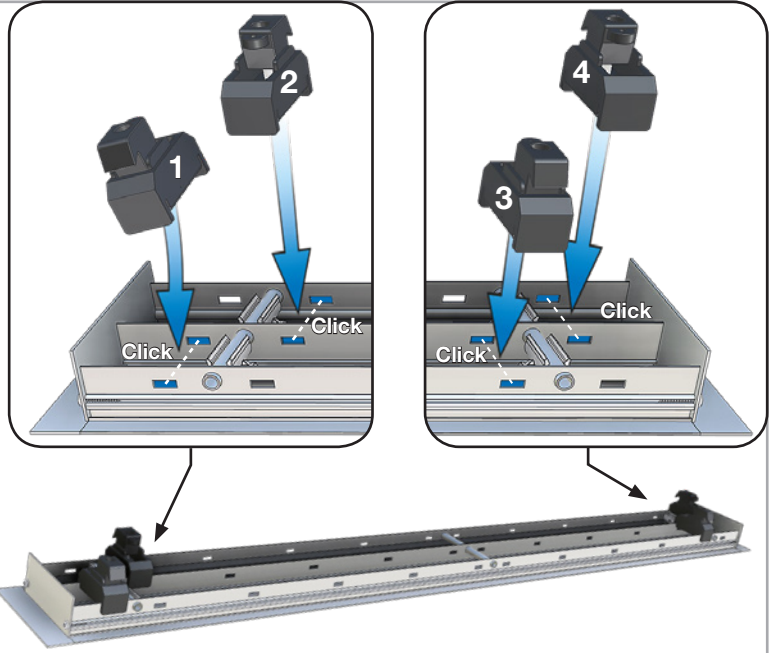
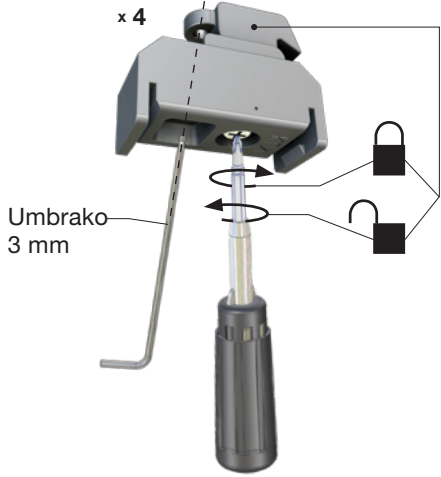




# LTD

# GB, JB, NB, KB

- Quick-fix - Included with LTD
- Quick-fix - Ingår med LTD
- Quick-fix - Toimitetaan LTD:n mukana
- Quick-fix - Wird mit den LTD geliefert
- Quick-fix - Incluso con LTD
- Quick-fix - Inclus avec LTD
- Szybkozłączka - w zestawie z LTD



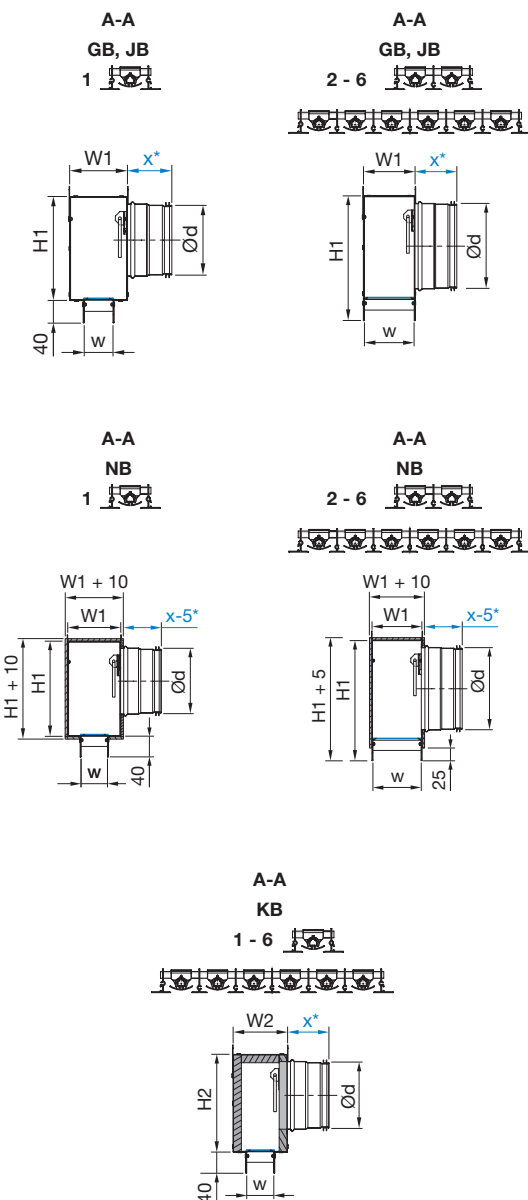
# LTD

# GB, JB, NB, KB

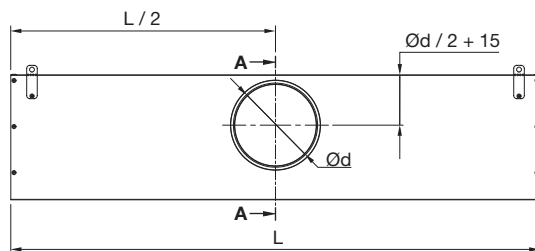
Plenum boxes  
 Tryckfördelningslådor  
 Liitäntälaatikot  
 Anschlusskasten  
 Plenum  
 Plénums  
 Skrzynki rozprężne

- GB, JB, NB, KB dimensions  
 - GB, JB, NB, KB dimensioner  
 - Mitat GB, JB, NB, KB  
 - Dimensionen GB, JB, NB, KB  
 - Dimensioni GB, JB, NB, KB  
 - Dimensions GB, JB, NB, KB  
 - GB, JB, NB, KB - wymiary

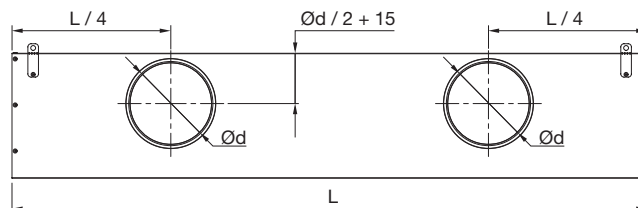
x\*:  $\varnothing d \leq 200 \Rightarrow x = 79$ ,  $\varnothing d > 200 \Rightarrow x = 119$

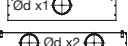
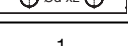
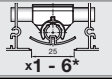


Ød x1

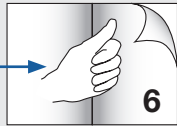


Ød x2



	W1	W2	w	Ød		H1	H2	L
	mm	mm	mm	mm		mm	mm	mm
	103	103	52	125	1	185	185	300 - 800
	103	103	52	160	1	196	196	801 - 1100
	103	103	52	160	2	196	196	1101 - 2000
	95	125	95	125	1	225	185	300 - 500
	97	125	95	160	1	236	196	501 - 1100
	97	125	95	160	2	236	196	1101 - 2000
	140	168	138	160	1	236	196	300 - 1100
	140	168	138	160	2	236	236	1101 - 1300
	140	168	138	200	2	276	236	1301 - 2000
	183	208	181	200	1	276	236	300 - 800
	183	208	181	250	1	326	286	801 - 1100
	183	208	181	250	2	326	286	1101 - 2000
	226	254	224	200	1	276	236	300 - 700
	226	254	224	250	1	326	286	701 - 1100
	226	254	224	250	2	326	286	1101 - 2000
	269	297	267	200	1	276	236	300 - 500
	269	297	267	250	1	326	286	501 - 1100
	269	297	267	250	2	326	286	1101 - 2000

**GB, JB, NB, KB**  
 Insulation thickness / Type  
 Isoleringstjocklek / Typ  
 Eristevahvuus / Tyypit  
 Isolierungsstärke / Typ  
 Spessore dell'isolamento / Tipo  
 Épaisseur matériau isolant / Type  
 Grubość / typ izolacji / Typ

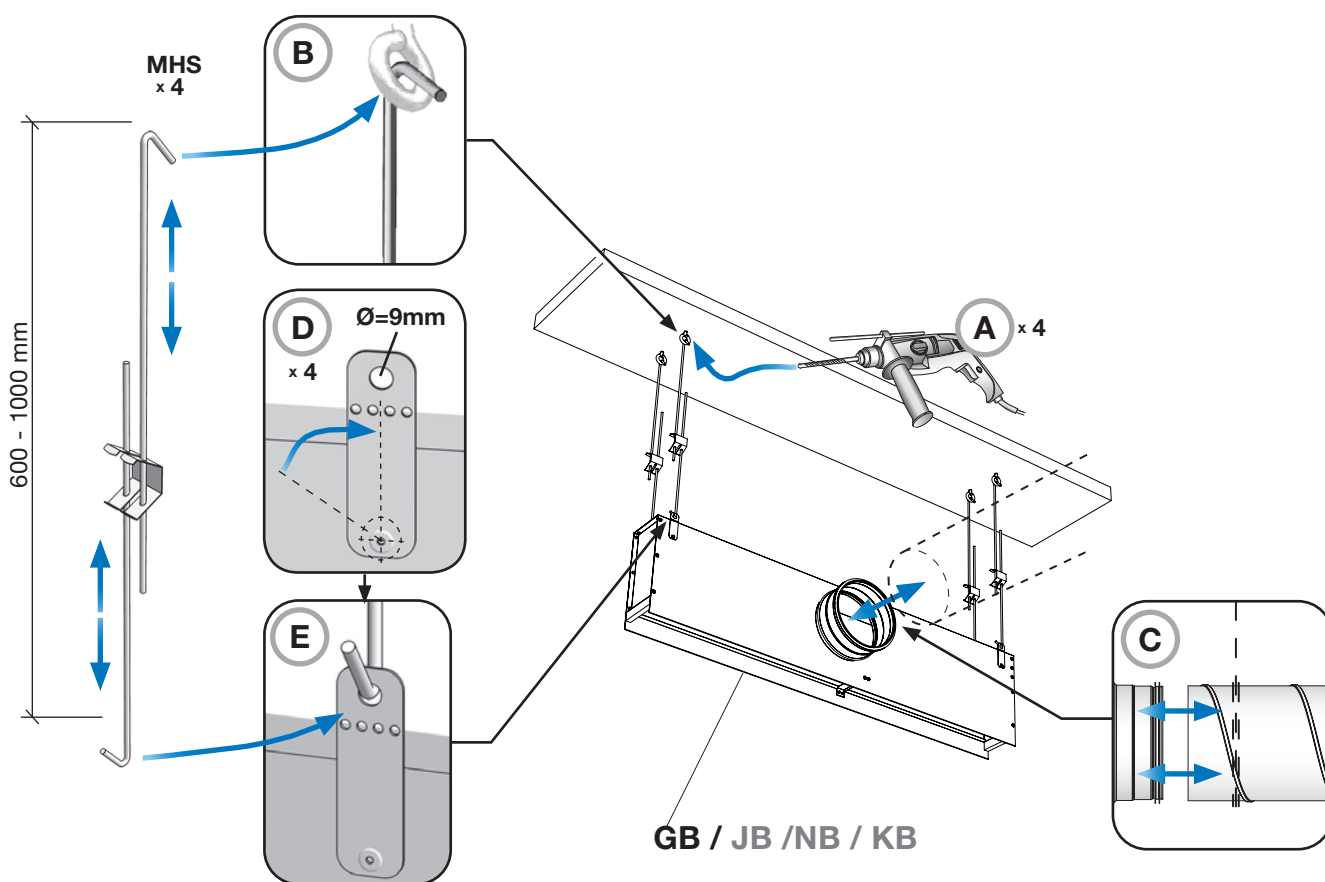
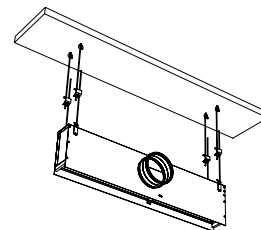


# LTD

# GB, JB, NB, KB

**Installation of GB, JB, NB, KB**  
**Upphängning av GB, JB, NB, KB**  
**Kannakointi GB, JB, NB, KB**  
**Montage des GB, JB, NB, KB**  
**Montaggio di GB, JB, NB, KB**  
**Montage de GB, JB, NB, KB**  
**Montaż skrzynek rozprężnych GB, JB, NB, KB**

- Accessory MHS
- MHS pendel
- MHS
- Mit Zubehör MHS
- Sospensioni MHS
- MHS
- zawiesia MHS



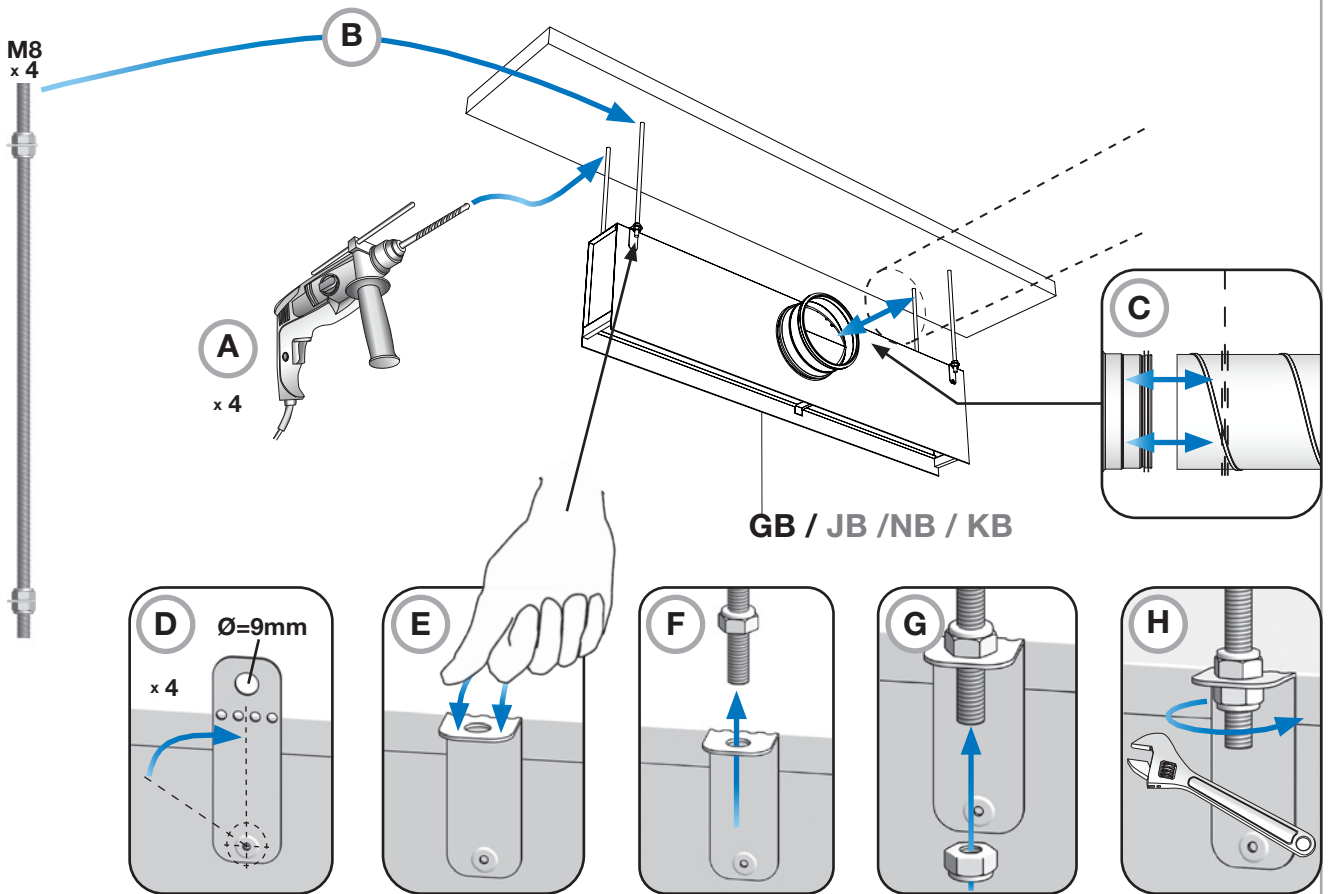
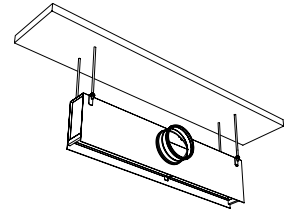


LTD

GB, JB, NB, KB

Installation of GB, JB, NB, KB  
 Upphängning av GB, JB, NB, KB  
 Kannakointi GB, JB, NB, KB  
 Montage des GB, JB, NB, KB  
 Montaggio di GB, JB, NB, KB  
 Montaż skrzynek rozprężnych GB, JB, NB, KB

- Threaded bar
- Gängstång
- Kierretanko
- Gewindestange
- Barre filettate
- Tiges filetées
- pręt gwintowany

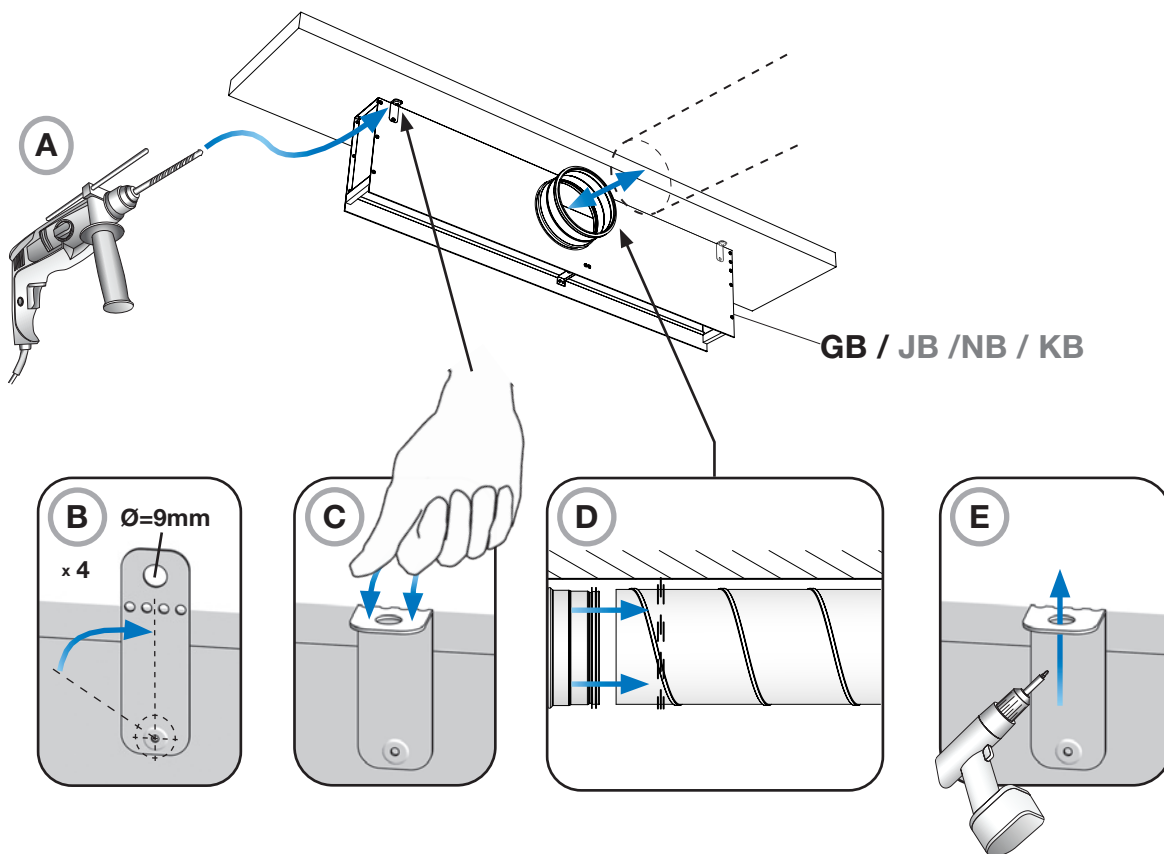
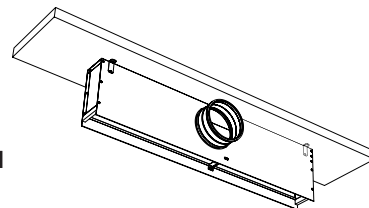


# LTD

# GB, JB, NB, KB

**Installation of GB, JB, NB, KB**  
**Upphängning av GB, JB, NB, KB**  
**Kannakointi GB, JB, NB, KB**  
**Montage des GB, JB, NB, KB**  
**Montaggio di GB, JB, NB, KB**  
**Montage de GB, JB, NB, KB**  
**Montaż skrzynek rozprężnych GB, JB, NB, KB**

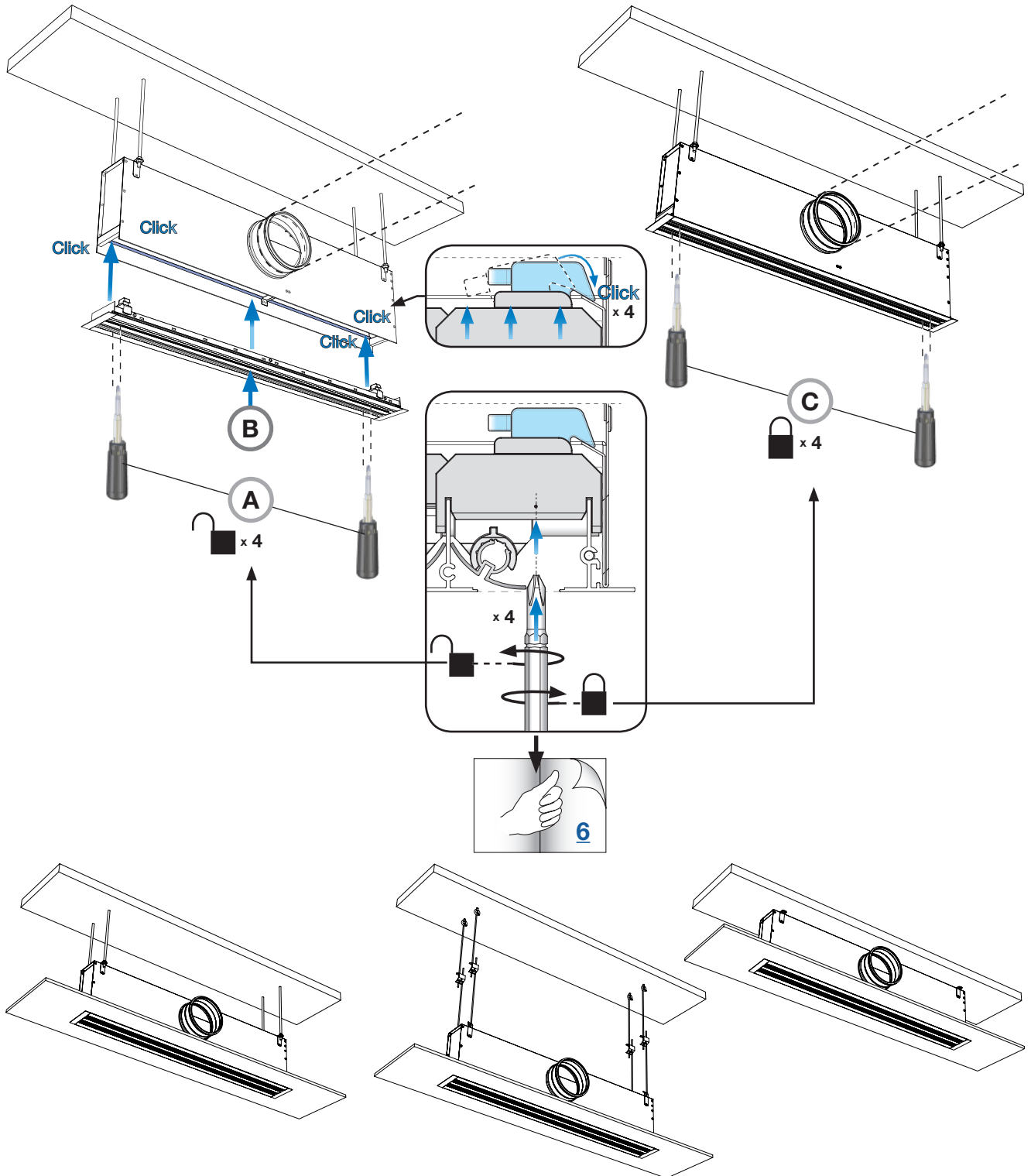
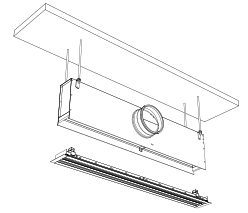
- Directly against ceiling
- Dikt mot tak
- Suoraan kattopintaan
- Direkt an die Decke
- Direttamente a soffitto
- Directement contre le plafond
- bezpośrednio na suficie



# LTD

# GB, JB, NB, KB

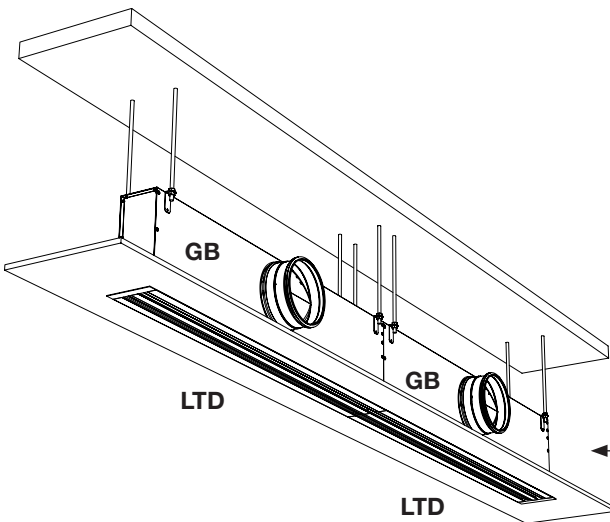
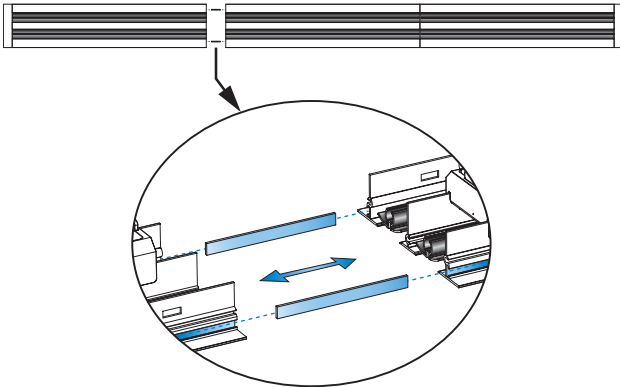
**Installation of LTD diffuser in GB, JB, NB, KB**  
**Montering av don i GB, JB, NB, KB**  
**Hajottajan LTD asennus liitäntälaatikkoon GB, JB, NB, KB**  
**LTD Montage im GB, JB, NB, KB**  
**Montaggio del diffusore LTD in GB, JB, NB, KB**  
**Montage du diffuseur LTD dans GB, JB, NB, KB**  
**Montaż nawiewnika LTD w skrzynkach rozprężnych GB, JB, NB, KB**



# LTD

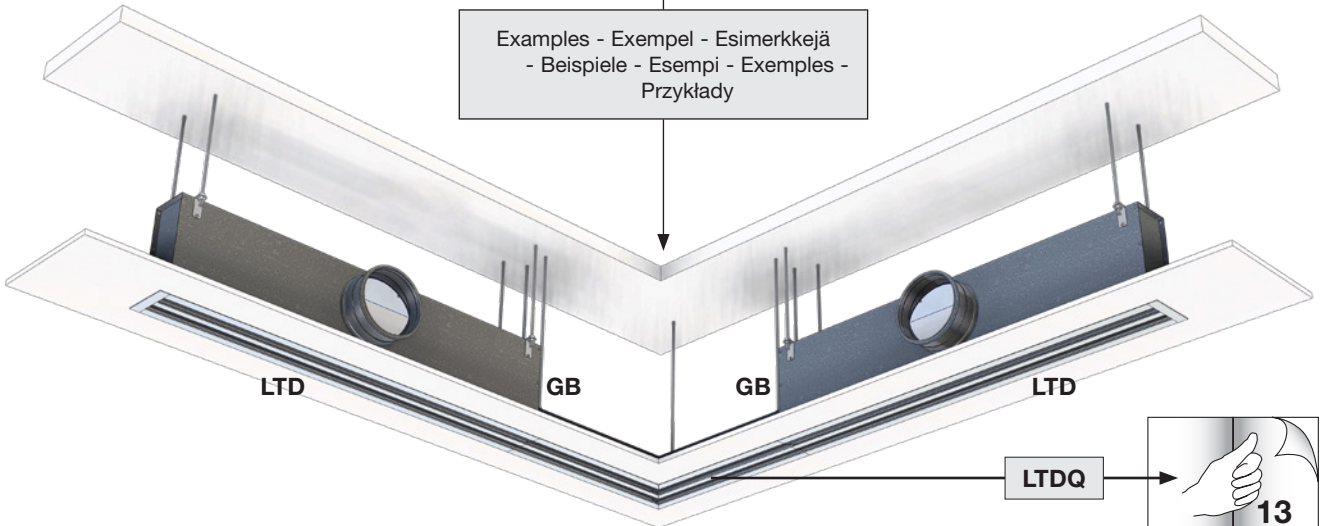
# GB, JB, NB, KB

**Installation of slots in continuous strips**  
**Montering av spalter i obrutna längder**  
**Pitkien yhtenäisten rakojen asennus**  
**Einbau der Schlitzdurchlässe als fortlaufendes Band**  
**Montaggio del diffusore fornito in più elementi**  
**Installation en linéaires**  
**Liniowy montaż szczelin**



< 4.000 mm	In 2 equal parts / I 2 lika längder / In 2 equal parts-FIN / In 2 gleichen Längen / En 2 longueurs égales / In 2 lunghezze uguali
4.100 mm	1500 + 1100 + 1.500
....	1.500 + ..... + 1.500
5.000 mm	1.500 + 2.000 + 1.500
5.100 mm	2.000 + 1.100 + 2.000
....	2.000 + ..... + 2.000
6.000 mm	2.000 + 2.000 + 2.000
6.100 mm	2.000 + 1.100 + 1.100+ 2.000
6.200 mm	2.000 + 1.100 + 1.100+ 2.000
....	2.000 + ..... + ..... + 2.000
7.000 mm	2.000 + 1.500 + 1.500+ 2.000
7.100 mm	2.000 + 2.000 + 1.100 + 2.000
....	2.000 + 2.000 + ..... + 2.000
8.000 mm	2.000 + 2.000 + 2.000 + 2.000
8.100 mm	2.000 + 2.000 + 1.000 + 1.100 + 2.000
....	2.000 + 2.000 + 1.000 + ..... + 2.000
9.000 mm	2.000 + 2.000 + 1.000 + 2.000 + 2.000
9.100 mm	2.000 + 2.000 + 1.100 + 2.000 + 2.000
....	2.000 + 2.000 + ..... + 2.000 + 2.000
10.000 mm	2.000 + 2.000 + 2.000 + 2.000 + 2.000

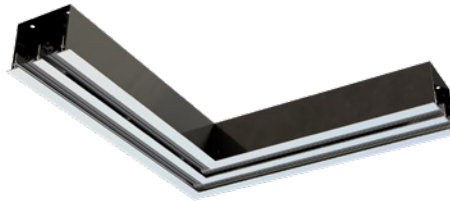
**Examples - Exempel - Esimerkkejä**  
**- Beispiele - Esempi - Exemples -**  
**Przykłady**



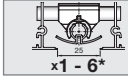
# LTD / LTDQ

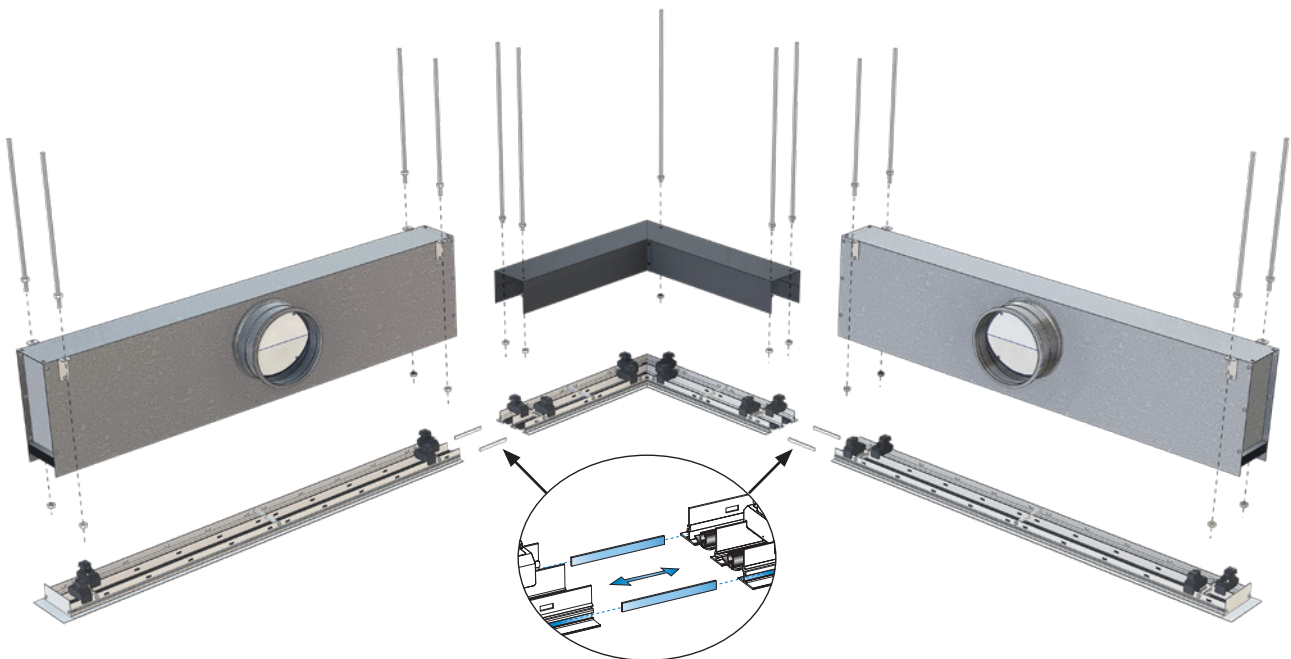
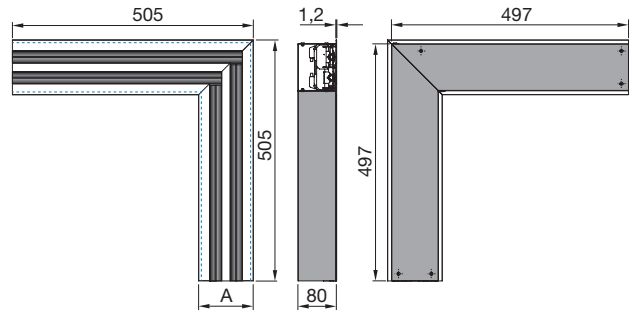
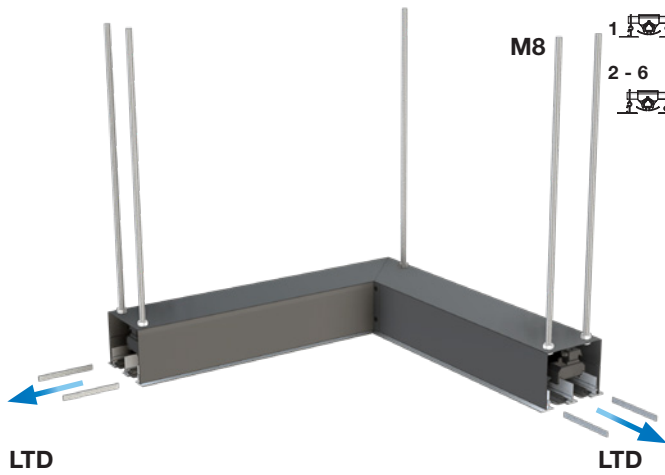
# GB, JB, NB, KB

- LTDQ - Accessories
- LTDQ - Tillbehör
- LTDQ - Lisävarusteet
- LTDQ - Zubehör
- LTDQ - Accessori
- LTDQ - Accessoires
- LTDQ - akcesoria



LTDQ dimensions

	A
	mm
 x1 - 6*	
1	71
2	114
3	157
4	200
5	243
6	286



# LTD

# GB, JB, NB, KB

**Balancing**  
**Injustering**  
**Säätöohjeet**  
**Einregulierung**  
**Bilanciamento**  
**Réglage**  
**Regulacja**

1/6

**Measuring tube**  
 Mätörör  
 Mittaletku  
 Messblende  
 Tubo di misura  
 Tube de mesure  
 Króćciec pomiarowy

**6**

**11**

**E**

Setting	- Adjustable blades
Inställning	- Ställbara lameller
Asento	- Säädettävät säleet
Einstellung	- Einstellbare Luftlenkelemente
Regolazione	- Alette regolabili
Réglage	- Ailettes réglables
Ustawienie	- łopatki regulowane

**SUPPLY**

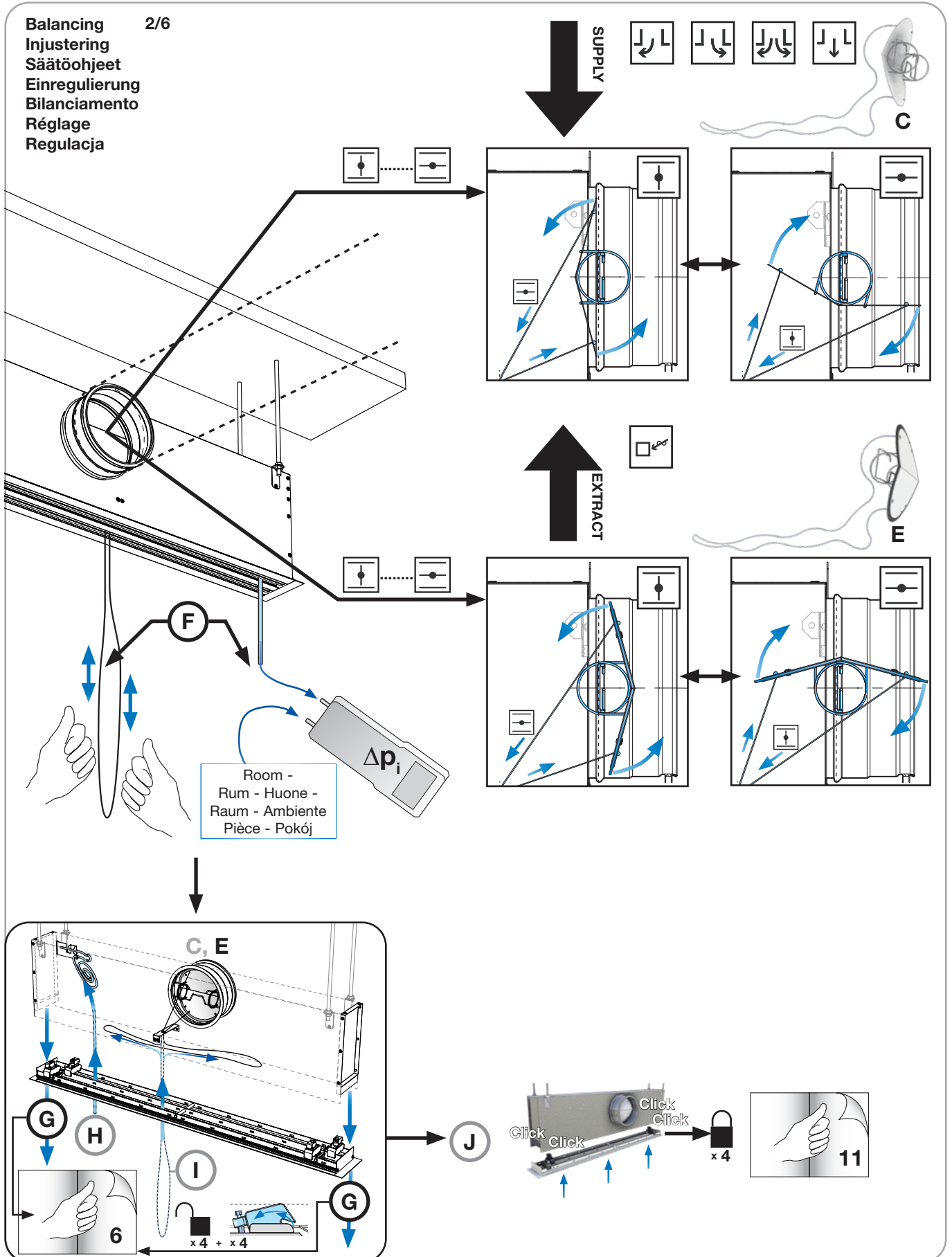
**EXTRACT**

**Example - Exempel**  
 - Esimerkki - Beispiel  
 - Esempio - Exemple - Przykład

**5**

LTD

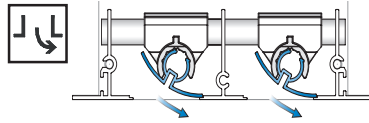
GB, JB, NB, KB



LTD

GB, JB, NB, KB

Balancing 3/6  
 Injustering  
 Säätöohjeet  
 Einregulierung  
 Bilanciamento  
 Réglage  
 Regulacja



High Coanda effect -  
 Hög Coanda effect - Voimakas coanda -  
 Hoher Coanda-Effekt - Alto effetto Coanda -  
 Effet Coanda élevé - Efekt Coandy

$$q_v = k \times \sqrt{\Delta p_i}$$

$$\Delta p_i = (q_v / k)^2$$

$$q_v \text{ [m}^3\text{/h]} = q_v \text{ [l/s]} \times 3,6$$

K-factors SUPPLY High Coanda						
Length	No. of slots					
	1	2	3	4	5	6
300	2,97	5,12	8,17	12,1	17,0	22,7
350	3,37	5,89	9,25	13,4	18,5	24,4
400	3,77	6,66	10,3	14,8	20,0	26,0
450	4,17	7,43	11,4	16,1	21,5	27,7
500	4,57	8,20	12,5	17,5	23,1	29,4
550	4,97	8,98	13,6	18,8	24,6	31,1
600	5,37	9,76	14,7	20,2	26,2	32,8
650	5,77	10,5	15,8	21,5	27,8	34,5
700	6,17	11,3	16,9	22,9	29,3	36,2
750	6,57	12,1	18,0	24,3	30,9	38,0
800	6,97	12,9	19,1	25,7	32,5	39,7
850	7,37	13,7	20,2	27,0	34,1	41,5
900	7,77	14,4	21,3	28,4	35,8	43,3
950	8,17	15,2	22,5	29,8	37,4	45,1
1000	8,57	16,0	23,6	31,2	39,0	46,9
1050	8,97	16,8	24,7	32,7	40,7	48,7
1100	9,36	17,6	25,8	34,1	42,3	50,6
1150	9,76	18,4	27,0	35,5	44,0	52,4
1200	10,2	19,2	28,1	36,9	45,7	54,3
1250	10,6	20,0	29,3	38,4	47,3	56,2
1300	11,0	20,8	30,4	39,8	49,0	58,0
1350	11,4	21,6	31,6	41,3	50,7	60,0
1400	11,8	22,4	32,7	42,7	52,5	61,9
1450	12,2	23,2	33,9	44,2	54,2	63,8
1500	12,6	24,0	35,0	45,7	55,9	65,7
1550	12,9	24,8	36,2	47,2	57,7	67,7
1600	13,3	25,6	37,4	48,6	59,4	69,7
1650	13,7	26,4	38,5	50,1	61,2	71,7
1700	14,1	27,2	39,7	51,6	62,9	73,7
1750	14,5	28,0	40,9	53,1	64,7	75,7
1800	14,9	28,9	42,1	54,6	66,5	77,7
1850	15,3	29,7	43,3	56,2	68,3	79,7
1900	15,7	30,5	44,5	57,7	70,1	81,8
1950	16,1	31,3	45,7	59,2	71,9	83,8
2000	16,5	32,1	46,9	60,7	73,8	85,9

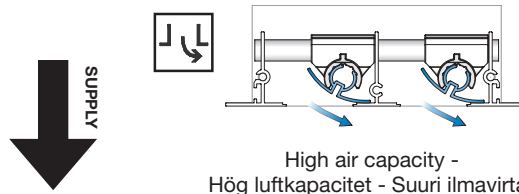
LTD K-factor method accuracy is ±10%, except for lengths 300-1000 mm with 45° damper angle, then it is ±15%.



LTD

GB, JB, NB, KB

**Balancing** 4/6  
**Injustering**  
**Säätöohjeet**  
**Einregulierung**  
**Bilanciamento**  
**Réglage**  
**Regulacja**



High air capacity -  
 Hög luftkapacitet - Suuri ilmavirta-  
 Hohe Luftleistung - Alta portata d'aria -  
 Capacité d'air élevée - Duża wydajność powietrza

$$q_v = k \times \sqrt{\Delta p_i}$$

$$\Delta p_i = (q_v / k)^2$$

$$q_v [\text{m}^3/\text{h}] = q_v [\text{l/s}] \times 3,6$$

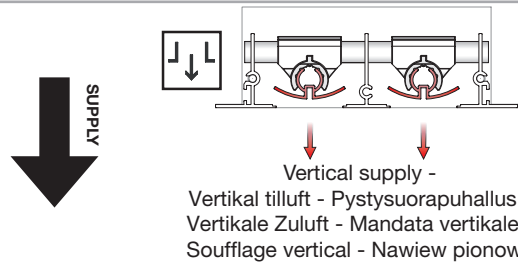
K-factors SUPPLY High Air Capacity						
Length	No. of slots					
	1	2	3	4	5	6
300	1,96	3,40	6,17	10,2	15,6	22,4
350	2,76	4,73	7,90	12,3	17,8	24,6
400	3,55	6,03	9,60	14,3	20,0	26,9
450	4,32	7,30	11,3	16,2	22,2	29,1
500	5,07	8,55	12,9	18,2	24,3	31,3
550	5,80	9,77	14,5	20,1	26,4	33,5
600	6,51	11,0	16,1	21,9	28,5	35,7
650	7,20	12,1	17,7	23,8	30,5	37,9
700	7,87	13,3	19,2	25,6	32,6	40,0
750	8,52	14,4	20,7	27,4	34,6	42,2
800	9,15	15,5	22,1	29,2	36,6	44,3
850	9,76	16,5	23,6	30,9	38,5	46,4
900	10,4	17,6	25,0	32,6	40,5	48,5
950	10,9	18,6	26,4	34,3	42,4	50,6
1000	11,5	19,5	27,7	35,9	44,3	52,7
1050	12,0	20,5	29,0	37,6	46,2	54,8
1100	12,5	21,4	30,3	39,2	48,0	56,8
1150	13,0	22,3	31,6	40,7	49,8	58,9
1200	13,5	23,2	32,8	42,3	51,6	60,9
1250	13,9	24,0	34,0	43,8	53,4	62,9
1300	14,4	24,9	35,2	45,3	55,2	64,9
1350	14,8	25,6	36,3	46,7	56,9	66,9
1400	15,2	26,4	37,4	48,1	58,6	68,9
1450	15,5	27,1	38,5	49,5	60,3	70,9
1500	15,9	27,9	39,5	50,9	62,0	72,8
1550	16,2	28,5	40,6	52,3	63,6	74,7
1600	16,5	29,2	41,5	53,6	65,3	76,7
1650	16,8	29,8	42,5	54,9	66,9	78,6
1700	17,1	30,4	43,4	56,1	68,5	80,5
1750	17,4	31,0	44,3	57,3	70,0	82,4
1800	17,6	31,6	45,2	58,5	71,5	84,2
1850	17,8	32,1	46,1	59,7	73,1	86,1
1900	18,0	32,6	46,9	60,9	74,5	87,9
1950	18,2	33,1	47,6	62,0	76,0	89,8
2000	18,3	33,5	48,4	63,1	77,4	91,6

LTD K-factor method accuracy is ±10%, except for lengths 300-1000 mm with 45° damper angle, then it is ±15%.

LTD

GB, JB, NB, KB

Balancing 5/6  
 Injustering  
 Säätöohjeet  
 Einregulierung  
 Bilanciamento  
 Réglage  
 Regulacja



$$q_v = k \times \sqrt{\Delta p_i}$$

$$\Delta p_i = (q_v / k)^2$$

$$q_v [m^3/h] = q_v [l/s] \times 3,6$$

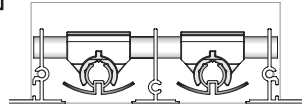
K-factors SUPPLY Vertical						
Length	No. of slots					
	1	2	3	4	5	6
300	2,53	4,49	7,22	10,7	15,0	20,0
350	2,86	5,16	8,17	11,9	16,3	21,5
400	3,19	5,84	9,13	13,1	17,7	22,9
450	3,53	6,51	10,1	14,3	19,0	24,4
500	3,86	7,19	11,1	15,4	20,4	25,8
550	4,20	7,87	12,0	16,6	21,7	27,3
600	4,53	8,55	13,0	17,8	23,1	28,8
650	4,87	9,24	14,0	19,1	24,5	30,3
700	5,20	9,92	14,9	20,3	25,9	31,8
750	5,54	10,6	15,9	21,5	27,3	33,4
800	5,88	11,3	16,9	22,7	28,7	34,9
850	6,21	12,0	17,9	23,9	30,1	36,5
900	6,55	12,7	18,9	25,2	31,6	38,0
950	6,88	13,4	19,9	26,4	33,0	39,6
1000	7,22	14,0	20,9	27,7	34,4	41,2
1050	7,56	14,7	21,9	28,9	35,9	42,8
1100	7,89	15,4	22,9	30,2	37,4	44,4
1150	8,23	16,1	23,9	31,4	38,8	46,1
1200	8,56	16,8	24,9	32,7	40,3	47,7
1250	8,90	17,5	25,9	34,0	41,8	49,3
1300	9,24	18,2	26,9	35,3	43,3	51,0
1350	9,57	18,9	27,9	36,5	44,8	52,7
1400	9,91	19,6	28,9	37,8	46,3	54,4
1450	10,2	20,3	30,0	39,1	47,8	56,1
1500	10,6	21,0	31,0	40,4	49,4	57,8
1550	10,9	21,7	32,0	41,7	50,9	59,5
1600	11,3	22,5	33,1	43,1	52,5	61,3
1650	11,6	23,2	34,1	44,4	54,0	63,0
1700	11,9	23,9	35,1	45,7	55,6	64,8
1750	12,3	24,6	36,2	47,0	57,1	66,5
1800	12,6	25,3	37,2	48,4	58,7	68,3
1850	13,0	26,0	38,3	49,7	60,3	70,1
1900	13,3	26,7	39,3	51,1	61,9	71,9
1950	13,6	27,5	40,4	52,4	63,5	73,8
2000	14,0	28,2	41,4	53,8	65,2	75,6

LTD K-factor method accuracy is ±10%, except for lengths 300-1000 mm with 45° damper angle, then it is ±15%.

LTD

GB, JB, NB, KB

Balancing 6/6  
 Injustering  
 Säätöohjeet  
 Einregulierung  
 Bilanciamento  
 Réglage  
 Regulacja



$$q_v = k \times \sqrt{\Delta p_i}$$

$$\Delta p_i = (q_v / k)^2$$

$$q_v \text{ [m}^3\text{/h]} = q_v \text{ [l/s]} \times 3,6$$

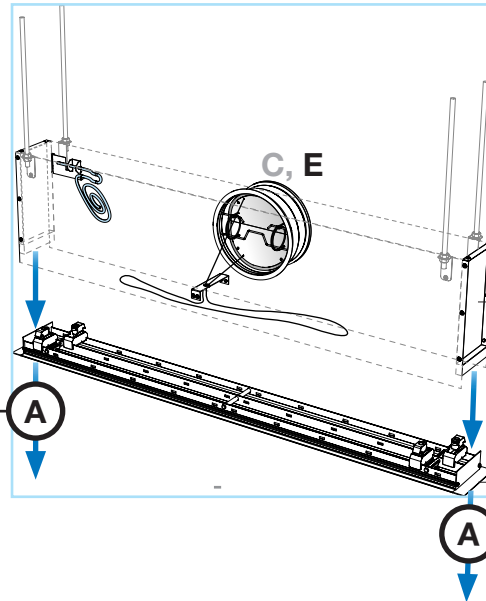
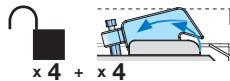
K-factors EXTRACT Vertical						
Length	No. of slots					
	1	2	3	4	5	6
300	2,45	3,10	4,62	7,02	10,3	14,5
350	2,78	4,12	6,23	9,09	12,7	17,1
400	3,11	5,14	7,81	11,1	15,1	19,7
450	3,44	6,14	9,38	13,1	17,4	22,2
500	3,78	7,14	10,9	15,1	19,7	24,8
550	4,13	8,12	12,4	17,1	22,0	27,3
600	4,48	9,09	13,9	19,0	24,3	29,8
650	4,83	10,0	15,4	20,9	26,5	32,3
700	5,19	11,0	16,9	22,8	28,8	34,8
750	5,56	11,9	18,3	24,6	30,9	37,2
800	5,93	12,9	19,7	26,4	33,1	39,7
850	6,30	13,8	21,1	28,2	35,2	42,1
900	6,68	14,7	22,4	30,0	37,3	44,5
950	7,07	15,6	23,8	31,7	39,4	46,8
1000	7,46	16,4	25,1	33,5	41,5	49,2
1050	7,86	17,3	26,4	35,1	43,5	51,5
1100	8,26	18,2	27,7	36,8	45,5	53,8
1150	8,67	19,0	28,9	38,4	47,5	56,1
1200	9,08	19,9	30,2	40,0	49,4	58,4
1250	9,50	20,7	31,4	41,6	51,3	60,6
1300	9,92	21,5	32,6	43,1	53,2	62,9
1350	10,3	22,3	33,7	44,7	55,1	65,1
1400	10,8	23,1	34,9	46,2	56,9	67,2
1450	11,2	23,9	36,0	47,6	58,8	69,4
1500	11,7	24,6	37,1	49,1	60,6	71,6
1550	12,1	25,4	38,2	50,5	62,3	73,7
1600	12,6	26,1	39,2	51,9	64,0	75,8
1650	13,0	26,9	40,2	53,2	65,8	77,9
1700	13,5	27,6	41,3	54,5	67,4	79,9
1750	14,0	28,3	42,2	55,8	69,1	82,0
1800	14,4	29,0	43,2	57,1	70,7	84,0
1850	14,9	29,7	44,1	58,4	72,3	86,0
1900	15,4	30,3	45,1	59,6	73,9	88,0
1950	15,9	31,0	46,0	60,8	75,4	89,9
2000	16,4	31,7	46,8	61,9	77,0	91,9

LTD K-factor method accuracy is ±10%, except for lengths 300-1000 mm with 45° damper angle, then it is ±15%.

# LTD

# GB, JB, NB, KB

- Maintenance - Demounting LTD
- Underhåll - Demontera LTD
- Huolto - Avaaminen LTD
- Wartung - LTD demontieren
- Manutenzione - Smontaggio LTD
- Entretien - Démontage du LTD
- Konserwacja - demontaż LTD



GB, JB, NB, KB

LTD

Before demounting, mark your positions of dampers and blade deflectors, to be able to reposition them exactly after maintenance.  
-Otherwise, you will have to do the balancing procedure again to achieve the same airflow as before maintenance.

Innan demontering markera positioner av spjäll och bladavledare, för att kunna montera dem exakt efter underhåll.  
Annars måste balanseringsproceduren göras igen för att uppnå samma luftflöde som före underhåll.

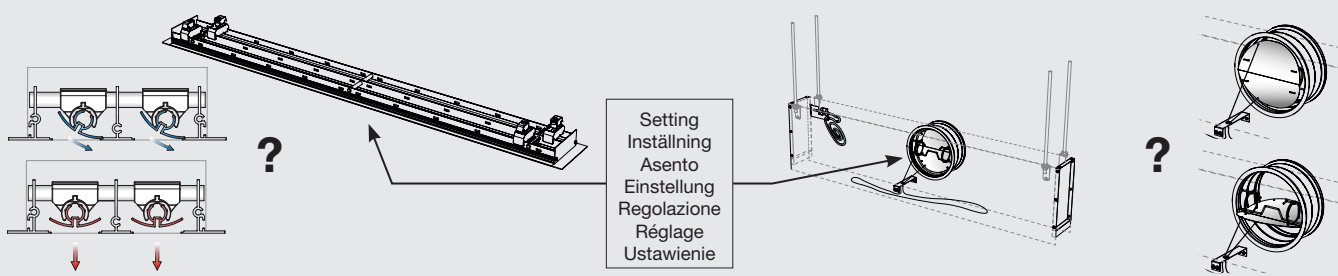
Ennen avaamista: laita peltien ja ilmanohjaimien asennot muistiin, jotta ne on helppo palauttaa huollon jälkeen.

Markieren Sie vor der Demontage die Positionen der Drossel und der einstellbaren Luftlenkelemente, nach erfolgter Wartung einfach wieder in die ursprüngliche Position stellen.  
- Ansonsten muss das Einregulierungsverfahren erneut durchgeführt werden, damit die gleichen Werte erreicht werden. -D

Prima di effettuare lo smontaggio, segnare le posizioni delle serrande e dei deflettori in modo da poterli riposizionare in modo corretto dopo la manutenzione. In caso contrario sarà necessario eseguire nuovamente la procedura di bilanciamento per ottenere la stessa portata impostata prima della manutenzione.

Avant de démonter le diffuseur, veuillez noter la position du registre et des déflecteurs, afin de pouvoir les repositionner correctement après la maintenance.  
Dans le cas contraire, il sera nécessaire de refaire l'équilibrage afin d'obtenir le même débit qu'avant maintenance.-F

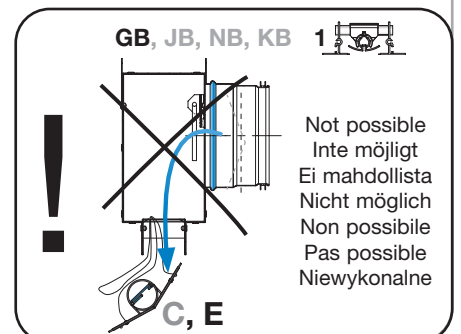
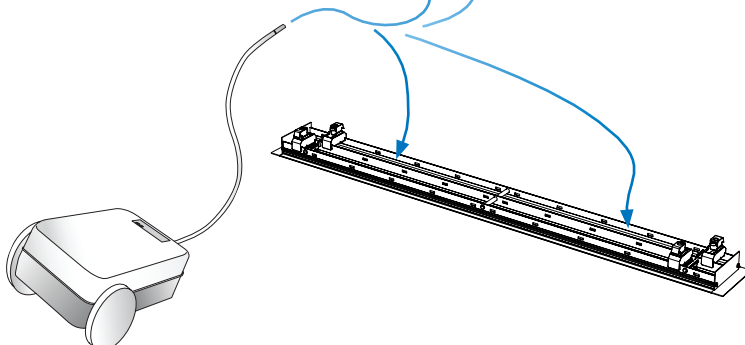
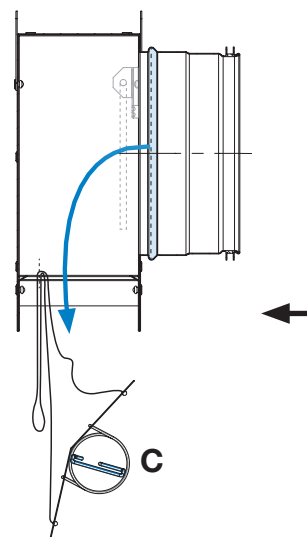
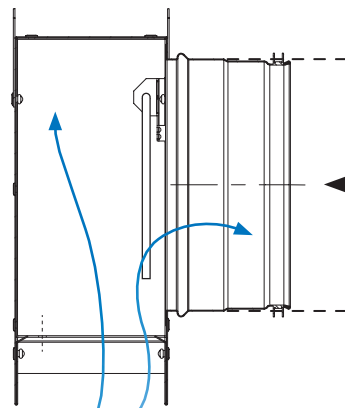
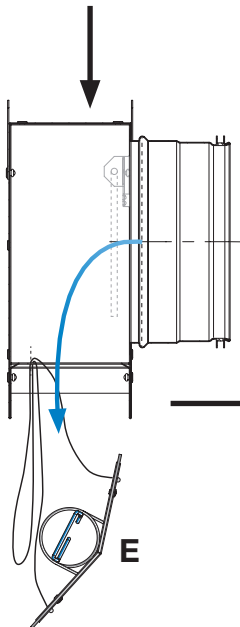
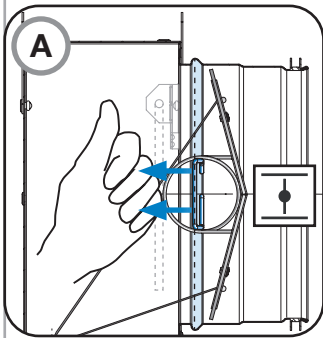
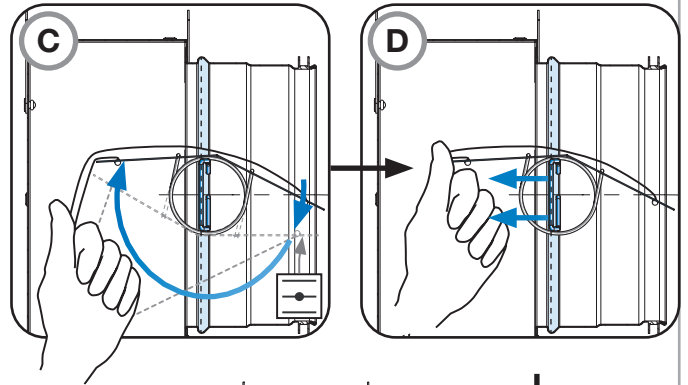
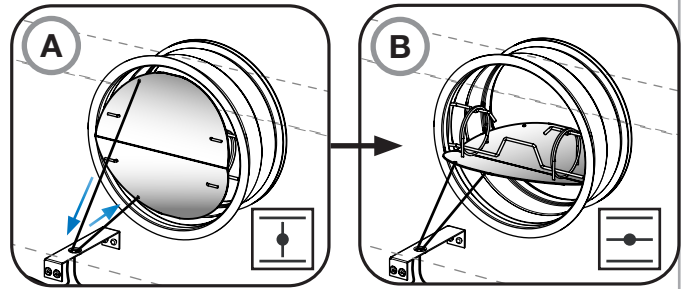
Przed demontażem zaznacz pozycje przepustnic i deflektorów łopatkowych, aby umożliwić ich powtórny montaż w tym samym miejscu po zakończeniu konserwacji.  
W przeciwnym razie nie będzie możliwe wykonanie procedury poziomowania, aby uzyskać taki sam przepływ powietrza, jak przed konserwacją.



LTD

GB, JB, NB, KB

- |              |                                |
|--------------|--------------------------------|
| Maintenance  | - Demounting damper unit C / E |
| Underhåll    | - Demontera spjällenhet C / E  |
| Huolto       | - C / E-Säätöpellin irroitus   |
| Wartung      | - Drossel C / E demontieren    |
| Manutenzione | - Smontaggio serranda C / E    |
| Entretien    | - Démontage du registre C / E  |
| Konserwacja  | - demontaż zasuw C/E           |

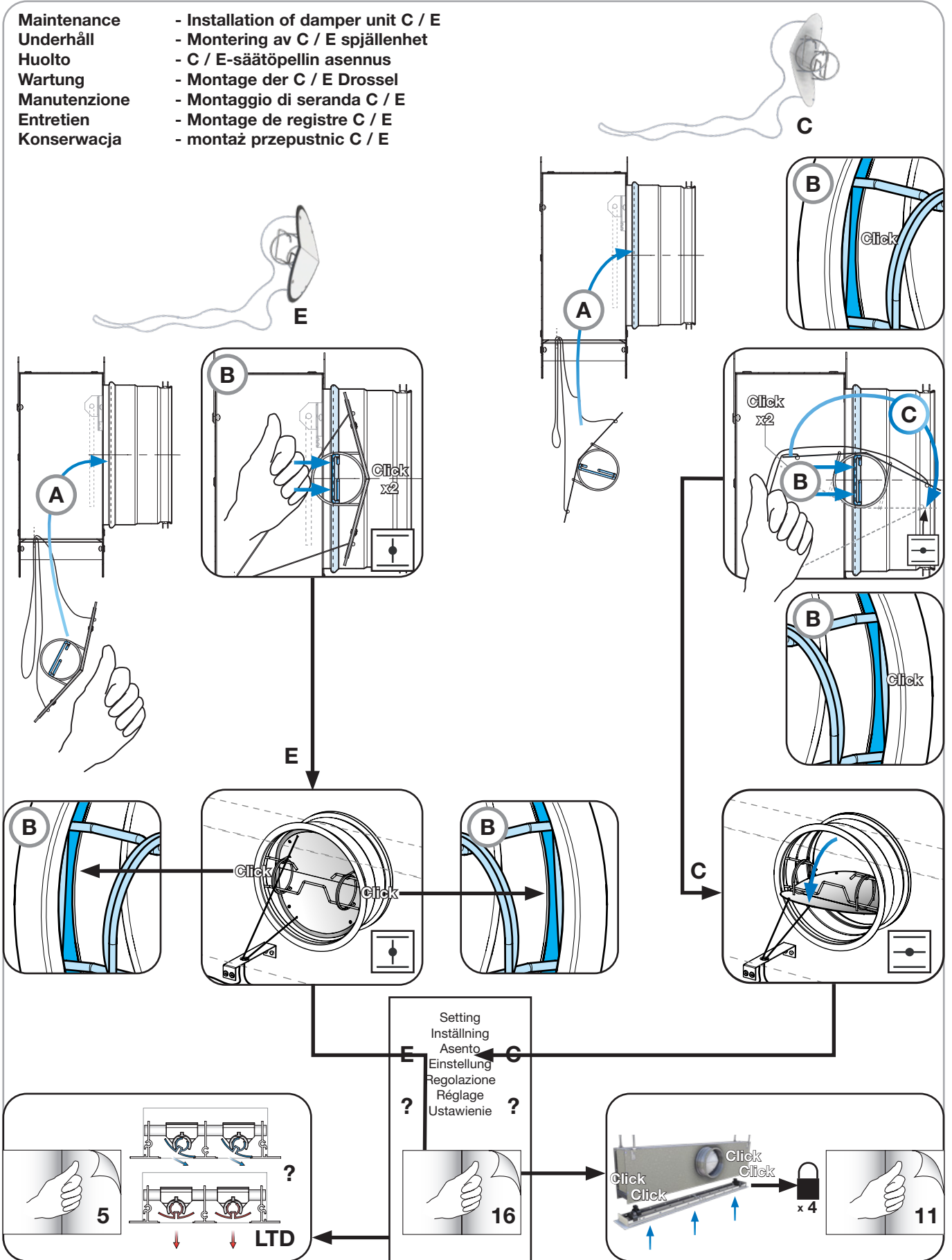


# LTD

# GB, JB, NB, KB

**Maintenance**  
**Underhåll**  
**Huolto**  
**Wartung**  
**Manutenzione**  
**Entretien**  
**Konserwacja**

- Installation of damper unit C / E
- Montering av C / E spjällenhet
- C / E-säätöpellin asennus
- Montage der C / E Drossel
- Montaggio di seranda C / E
- Montage de registre C / E
- montaż przepustnic C / E





Most of us spend the majority of our time indoors. Indoor climate is crucial to how we feel, how productive we are and if we stay healthy.

We at Lindab have therefore made it our most important objective to contribute to an indoor climate that improves people's lives. We do this by developing energy-efficient ventilation solutions and durable building products. We also aim to contribute to a better climate for our planet by working in a way that is sustainable for both people and the environment.

[Lindab | For a better climate](#)