

BMA

Caratteristiche: bocchette di mandata ad alette orientabili passo 20 mm.

Costruzione: alluminio anodizzato.

Impiego: a parete, in mandata. Altezza di installazione: 2,5-3,5 m.

Fissaggio: standard con clips. Fori per viti a richiesta. Calamite a richiesta (CL). Morsetti a richiesta (KC).

Accessori:
- Plenum in acciaio zincato con o senza isolamento.
- Serranda di taratura in acciaio zincato con alette a movimento contrapposto.
- Controtelaio di montaggio in lamiera di acciaio zincata.

Characteristics: supply air grilles with adjustable blades 20 mm pitch.

Finishing: anodized aluminium.

Utilization: for wall installation and for supply air. Installation height: 2,5-3,5 m.

Fixing: standard fixing by clips. Holes for screws upon request. Magnets on request (CL). Clamps upon request (KC).

Accessories:
- Galvanized steel plenum box with or without insulation.
- Calibration damper made of galvanized steel and opposed blades.
- Mounting frames made of galvanized steel sheet.

MODELLI | MODELS

BMAV	Bocchetta a singolo filare di alette parallele al lato corto Supply air grille with vertically arranged air deflection blades
BMAO	Bocchetta a singolo filare di alette parallele al lato lungo Supply air grille with horizontally arranged air deflection blades
BMAVO	Bocchetta a doppio filare di alette (alette frontali parallele al lato corto, posteriori parallele al lato lungo) Supply air grille with vertically (front) and horizontally (rear) arranged air deflection blades
BMAOV	Bocchetta a doppio filare di alette (alette frontali parallele al lato lungo, posteriori parallele al lato corto) Supply air grille with horizontally (front) and vertically (rear) arranged air deflection blades

ACCESSORI | ACCESSORIES

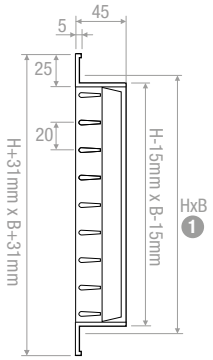
SC	Serranda di taratura ad alette con movimento contrapposto | Opposed blade damper
CT	Controtelaio di fissaggio in lamiera d'acciaio zincata | Counterframe in galvanised steel
CTKC	Controtelaio di fissaggio in acciaio zincato per gancetti KC Counterframe in galvanised steel for clamps KC
PBZ	Plenum di raccordo | Conneting plenum box

VERNICIATURA | PAINTING

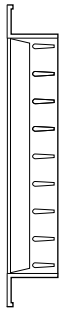
Colori RAL 9016 opaco: + 15% - Altri colori RAL: prezzi a richiesta Color RAL 9016 matt: + 15% - Different RAL colors: prices on request

DISEGNI | DRAWINGS

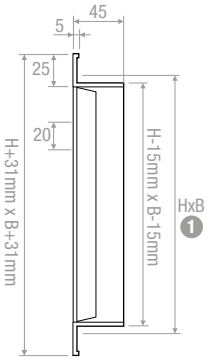
BMAOV



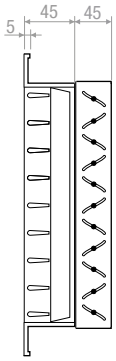
BMAVO



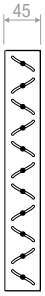
BMAV - BMAO



BMAOV + SC



SC



CT

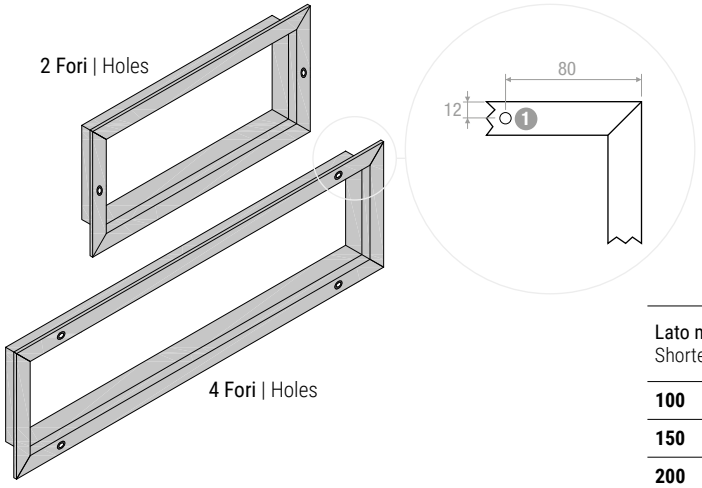


CTKC



1 **Dimensione foro** | Hole dimension

FORI | HOLE



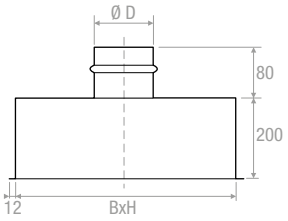
1 **Ø 3,5 Foro svasato** | Countersunk hole

QUANTITÀ DI FORI PER LE VITI DI FISSAGGIO
AMOUNT OF HOLES FOR MOUNTING SCREW

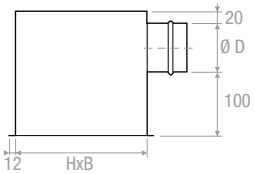
Lato minore Shorter side	Lato maggiore | Longer side				
	200	**250**	**300**	**350**	**≥400**
100	2	2	2	4	4
150	2	2	2	4	4
200	2	2	2	4	4
≥250	2	2	2	4	4

PLENUM | PLENUM

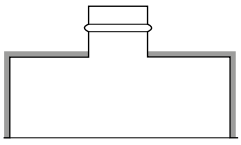
PBZ1



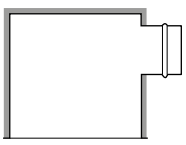
PBZ2



PBZI1



PBZI2

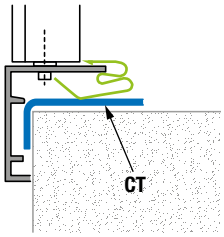


Plenum isolato esternamente spessore 6 mm
Plenum externally insulated thickness 6 mm

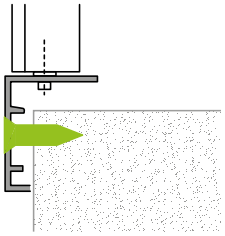
BMA

TIPO DI FISSAGGIO | TYPE OF FIXING

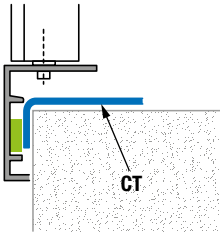
Fissaggio con clips
Fixing with clips



Fissaggio con viti
Fixing with screws

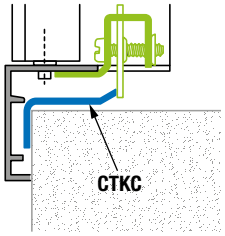


Fissaggio con calamite CL
Fixing with magnets CL



1xCL = € 2,53
Ogni griglia | Each grille: **4 CL**

Fissaggio con morsetti KC
Fixing with clamps KC



1xKC = € 5,05
da | from 200x100 a | to 1000x300: **2 KC**
da | from 400x400 a | to 1000x500: **4 KC**

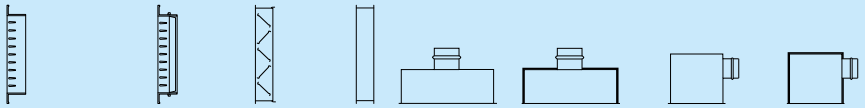
TABELLA DI SELEZIONE | SELECTION TABLE

Modello | Model	A_k [m²]	Q [m³/h]		L_{WA} [dB(A)]		$X_{(0,25)}$ [m]		Dp_t [Pa]	
		min	max	min	max	min	max	min	max
BMA 200x100	0,0088	110	220	22	41	2,4	4,8	5	20
BMA 300x100-200x150	0,0144	180	350	25	42	3,1	6,0	5	20
BMA 400x100-200x200	0,0200	240	490	25	44	3,5	7,2	5	20
BMA 300x150	0,0228	280	550	26	45	3,8	7,5	5	20
BMA 500x100	0,0256	310	620	27	45	4,0	8,0	5	20
BMA 600x100-400x150-300x200	0,0311	380	760	28	46	4,5	8,9	5	20
BMA 700x100	0,0367	450	890	29	47	4,9	9,6	5	20
BMA 500x150	0,0395	480	960	29	47	5,0	10,0	5	20
BMA 400x200-800x100	0,0423	510	1030	29	48	5,1	10,4	5	20
BMA 600x150-300x300	0,0479	580	1160	30	48	5,5	11,0	5	20
BMA 500x200	0,0534	650	1300	30	49	5,8	11,6	5	20
BMA 700x150	0,0562	680	1360	30	49	5,9	11,9	5	20
BMA 800x150-600x200-400x300	0,0646	780	1570	31	50	6,3	12,8	5	20
BMA 700x200	0,0757	920	1830	32	50	6,9	13,8	5	20
BMA 500x300-1000x150	0,0813	990	1970	32	51	7,2	14,3	5	20
BMA 800x200-400x400	0,0869	1050	2100	33	51	7,4	14,7	5	20
BMA 600x300	0,0980	1190	2370	33	52	7,9	15,7	5	20
BMA 1000x200-500x400	0,1092	1320	2640	34	52	8,3	16,5	5	20
BMA 700x300	0,1147	1390	2780	34	53	8,5	17,0	5	20
BMA 800x300-600x400	0,1315	1590	3180	35	53	9,1	18,1	5	20
BMA 700x400	0,1537	1860	3720	35	54	9,8	19,6	5	20
BMA 1000x300	0,1649	2000	3990	36	54	10,2	20,3	5	20
BMA 800x400	0,1760	2130	4260	36	55	10,5	21,0	5	20
BMA 1000x400	0,2206	2670	5330	37	56	11,8	23,5	5	20
BMA 500x500	0,1370	1660	3320	35	53	9,3	18,5	5	20
BMA 600x500	0,1649	2000	3990	36	54	10,2	20,3	5	20
BMA 800x500	0,2206	2670	5330	37	56	11,8	23,5	5	20
BMA 1000x500	0,2764	3340	6670	38	57	13,1	26,2	5	20

PREZZI | PRICES

MOLT ALL. x 1.31
RAL 9016 x 1.51

MOLT. x 1.1



BxH		BMAV BMAO	BMAVO BMAOV	SC	CT CTKC	PBZ1	PBZI1	PBZ2	PBZI2
mm									
200x100		17,38	18,90	11,12	6,25	27,64	40,12	27,99	40,63
300x100		19,65	21,15	11,91	6,25	29,15	42,41	29,58	43,07
400x100		22,61	27,96	12,68	6,95	38,40	52,87	32,50	47,59
500x100		26,20	31,45	15,45	7,64	39,87	55,15	34,35	50,45
600x100	•	29,11	34,89	17,46	8,34	41,36	57,43	36,18	53,30
700x100	•	31,58	39,88	19,98	9,17	42,82	59,71	38,04	56,16
800x100	•	34,07	44,89	22,58	10,01	44,31	62,00	42,29	62,71
1000x100	•	38,24	54,04	27,58	11,40	55,38	75,06	46,82	69,55
200x150		19,80	21,31	11,91	6,25	28,85	41,80	29,22	42,38
300x150		22,65	25,68	13,48	6,95	30,46	44,28	32,14	46,90
400x150		26,46	36,12	15,86	7,64	32,07	46,77	34,14	49,96
500x150		30,22	41,57	18,24	9,17	41,46	57,43	37,85	55,72
600x150	•	34,00	48,34	20,63	10,01	43,07	59,91	40,09	59,17
700x150	•	35,89	55,16	23,40	10,72	56,05	74,33	53,69	74,56
800x150	•	37,77	61,95	26,16	11,40	57,65	76,82	55,94	78,03
1000x150	•	46,08	70,37	31,20	12,93	68,96	90,29	63,77	90,00
200x200		22,61	27,96	12,68	6,95	30,02	43,45	31,54	45,82
300x200		26,46	36,12	17,46	7,64	31,76	46,16	33,64	49,06
400x200		30,98	40,79	19,03	8,82	33,49	48,85	37,37	54,80
500x200		34,76	49,12	22,22	10,01	35,23	51,52	39,73	58,47
600x200	•	38,53	58,18	25,40	10,72	56,45	74,66	53,78	74,41
700x200	•	41,94	64,98	28,16	11,81	58,19	77,37	58,56	81,77
800x200	•	45,35	71,78	30,96	12,93	59,94	80,03	61,20	85,83
1000x200	•	49,12	77,85	34,12	14,44	63,42	85,40	69,68	98,91
300x300		34,00	48,34	20,63	9,17	34,09	49,58	37,93	55,54
400x300		38,53	58,18	25,40	10,72	48,37	65,58	52,87	72,52
500x300		46,08	62,71	27,78	12,22	50,38	68,68	57,65	79,89
600x300	•	50,61	73,31	30,16	12,93	60,16	79,94	60,54	84,37
700x300	•	55,91	80,85	33,34	14,10	62,18	83,05	66,11	92,97
800x300	•	61,20	88,40	36,51	15,29	72,71	101,07	77,81	112,77
1000x300	•	74,82	105,03	43,65	17,38	77,35	107,92	88,22	128,53
400x400		45,35	71,78	28,43	12,22	51,28	69,74	58,54	80,96
500x400		49,12	77,85	34,52	13,62	53,53	73,24	64,09	89,57
600x400	•	60,47	88,40	36,51	15,29	72,12	99,83	76,06	109,75
700x400	•	69,53	100,49	40,46	16,33	74,40	103,34	82,42	119,58
800x400	•	77,85	112,59	44,44	17,38	85,17	115,80	94,63	134,24
1000x400	•	91,42	124,67	52,36	19,73	101,08	137,70	117,10	166,29
500x500		63,00	92,07	42,82	15,29	64,60	92,07	76,31	110,17
600x500	•	74,82	105,03	44,44	16,69	67,13	95,98	82,95	120,40
800x500	•	91,42	124,67	52,36	19,04	99,86	135,84	114,19	161,82
1000x500	•	114,28	155,89	65,86	21,28	104,95	143,68	122,46	170,74

Per misure fuori tabella prezzi a richiesta | For bigger sizes prices on request
• Rinforzo intermedio | Intermediate reinforcing

SZV21

Griglia in acciaio per condotti circolari ad alette regolabili, doppia deflessione.

SZV11

Griglia in acciaio per condotti circolari ad aletta regolabili, singola deflessione.



VANTAGGI

- Montaggio facilitato sui condotti circolari.
- Finitura in acciaio zincato simile ai condotti spiro.
- Dimensioni standard a stock.

APPLICAZIONE / UTILIZZO

- Griglia di mandata e ripresa per canali circolari.

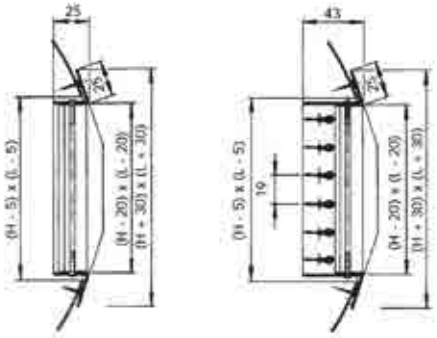
Gamma

- **SZV21:** 11 modelli con portate da 200 a 2500 m³/h.
- **SZV11:** 11 modelli con portate da 200 a 2500 m³/h.

Denominazione

SZV	21 / 11	425x75	160/400
S: griglia Z: acciaio V: fissaggio viti	modello 21: doppia deflessione 11: singola deflessione	dimensione larghezza x altezza (mm)	diametro condotto di montaggio

Dati dimensionali



Costruzione / Composizione

- Cornice e alette in acciaio zincato.
- Alette passo 19 mm, singolarmente regolabili.
- Guarnizione di tenuta.
- Fissaggio con viti a vista.
- Finitura: acciaio zincato.
- Solo dimensioni standard.

Opzioni:

- Verniciatura RAL a richiesta.
- Disponibili anche in versione acciaio inox 304.

Denominazione

RFS05K

- La serranda di taratura a slitta inclinata, in lamiera zincata, consente una ripartizione uniforme dell'aria sulla griglia e l'equilibratura della rete aeraulica.



Montaggio e raccordo

- Avvitare la griglia direttamente al canale.
- Quote di foratura:
  (L – 5) x (H - 5)

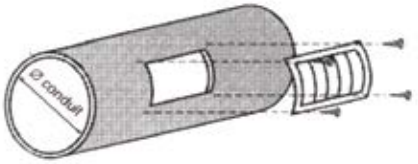


Tabella di selezione rapida

dim. [mm]	Ø Condotto [mm]	Ak [m²]	Q portata [m³/h]						
425x75	160-400	0,013	200	250	300	350	400	450	
525x75	160-400	0,016	200	250	300	350	400	450	500
625x75	160-400	0,019	250	300	350	400	450	500	600
425x125	315-900	0,025	300	350	400	500	600	700	800
525x125	315-900	0,031	350	400	450	600	700	800	900
625x125	315-900	0,037	400	450	500	700	800	900	1000
425x225	630-1400	0,049	500	600	700	800	1000	1200	1400
525x225	630-1400	0,061	600	700	800	1000	1200	1400	1600
625x225	630-1400	0,073	700	800	1000	1200	1400	1600	1800
825x225	630-1400	0,097	900	1000	1200	1400	1600	1800	2000
1025x225	630-1400	0122	1200	1300	1400	1600	1800	2000	2500

NR<25
25<NR<35
35<NR<45
NR>45

Nr indicato: potenza acustica senza attenuazione del locale. Altezza d'installazione = 2,7 m. Vt = 0,25 m/s.

Ak: area effettiva di passaggio aria.

Ogni diritto sui contenuti del presente catalogo è riservato ai sensi della normativa vigente.

Listino



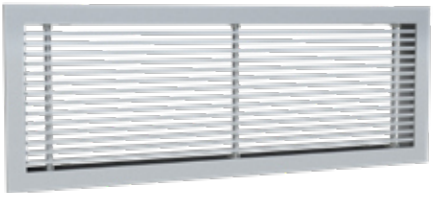


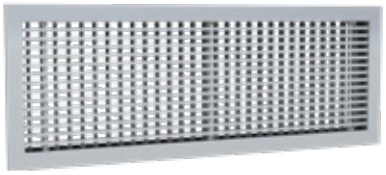


MOLT. x 2

MODELLO	SZV21 doppio filare		SZV11 singolo filare		RFS05K	
	Codice	Listino	Codice	Listino	Codice	Listino
425 x 75	870043	€ 22,80	870040	19,40 €	675788	€ 22,15
525 x 75	870044	€ 26,90	870093	22,65 €	675796	€ 24,60
625 x 75	870101	€ 30,70	870094	25,70 €	675803	€ 27,25
425 x 125	870045	€ 28,35	870041	22,65 €	675811	€ 25,75
525 x 125	870046	€ 33,60	870095	26,65 €	675829	€ 29,15
625 x 125	870047	€ 38,65	870042	30,80 €	675837	€ 32,35
425 x 225	870102	€ 45,55	870096	33,15 €	675845	€ 38,05
525 x 225	870103	€ 54,55	870097	39,20 €	675853	€ 43,40
625 x 225	870104	€ 61,55	870098	46,15 €	675861	€ 48,80
825 x 225	870105	€ 76,60	870099	53,10 €	675879	€ 59,65
1025 x 225	870106	€ 92,00	870100	63,45 €	675887	€ 70,20

Verniciatura RAL: prezzi a richiesta.





LAF

Caratteristiche: bocchette ad alette fisse o ad alette fisse e mobili con deflessione 0° o 15°.

Costruzione: alluminio anodizzato.

Impiego: a parete o su fan-coils, in mandata e ripresa. Altezza di installazione: 2,5-3,1 m.

Fissaggio: standard con clips. Fori per viti a richiesta. Calamite a richiesta (CL). Morsetti a richiesta (KC).

Accessori:
- Plenum in acciaio zincato standard o isolato.
- Serranda di taratura in acciaio zincato con alette a movimento contrapposto.
- Controtelaio di montaggio in lamiera di acciaio zincata.

Characteristics: grilles with fixed blades or fixed and movable-blade with 0° or 15° deflection.

Finishing: anodized aluminium.

Utilization: for wall and fan-coils installation, and for air intake and delivery. Installation height: 2,5-3,1 m.

Fixing: standard fixing by clips. Holes for screws upon request. Magnets on request (CL). Lock upon request (KC).

Accessories:
- Galvanized steel plenum: With or without insulation.
- Calibration damper made of galvanized steel and fins with opposite movement.
- Mounting counterframes made of galvanized steel sheet.

MODELLI | MODELS

LAFPR10	**Bocchetta a barre orizzontali fisse a deflessione 0°**	Fixed horizontal bar grille deflection 0°
LAFPR15	**Bocchetta a barre orizzontali fisse a deflessione 15°**	Fixed horizontal bar grille deflection 15°
LAF10	**Bocchetta a barre orizzontali fisse con deflessione a 0° con pacco barre estraibile** Fixed horizontal bar grille deflection 0° with removable bars core
LAF15	**Bocchetta a barre orizzontali fisse con deflessione a 15° con pacco barre estraibile** Fixed horizontal bar grille deflection 15° with removable bars core
LAF20	**Bocchetta a barre orizzontali fisse a deflessione 0° con alette posteriori verticali regolabili** Fixed horizontal bar grille deflection 0° with adjustable vertical rear fins
LAF25	**Bocchetta a barre orizzontali fisse a deflessione 15° con alette posteriori verticali regolabili** Fixed horizontal bar grille deflection 15° with adjustable vertical rear fins
LAG20	**Grigliato composto da solo barre frontali a deflessione 0° (senza cornice)** Grille element consisting only of front bars 0°, without the frame
LAG25	**Grigliato composto da solo barre frontali a deflessione 15° (senza cornice)** Grille element consisting only of front bars 15°, without the frame
LAFPC-PG	**Le bocchette della serie LAF possono essere dotate di singolo o doppio sportello cieco (PC) o grigliato (PG)** Series grilles can be fitted with single or double inspection doors, full (PC) or grill panel (PG)

ACCESSORI | ACCESSORIES

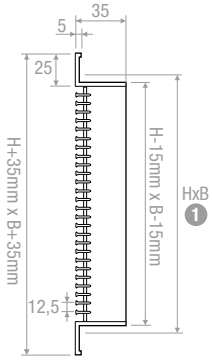
SC	**Serranda di tarature ad alette con movimento contrapposto**	Opposed blade damper
CT	**Controtelaio di fissaggio in lamiera d'acciaio zincata**	Counterframes in galvanised steel sheet profile section
CTKC	**Controtelaio di fissaggio in acciaio zincato per gancetti KC**	Counterframe in galvanised steel for clamps KC
PBZ	**Plenum di raccordo**	Conneting plenum

VERNICIATURA | PAINTING

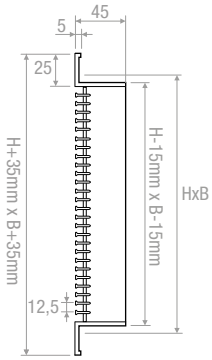
Colori RAL 9016 opaco, RAL 9010 lucido: + 15% - Altri colori: prezzi a richiesta
Color RAL 9016 matt, RAL 9010 glossy: + 15% - Different colors: prices on request

DISEGNI | DRAWINGS

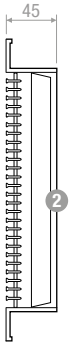
LAFPR10/15



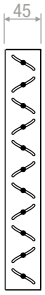
LAF10/15



LAF20/25



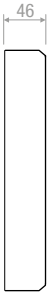
SC



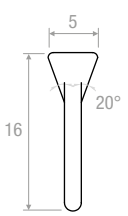
CT



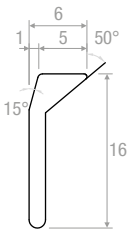
CTKC



10/20

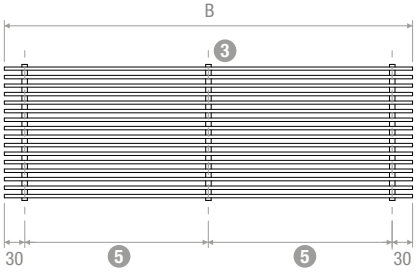


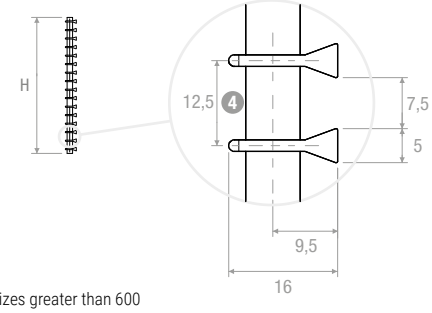
15/25



Profili alette
Bar profile

LAG20/25







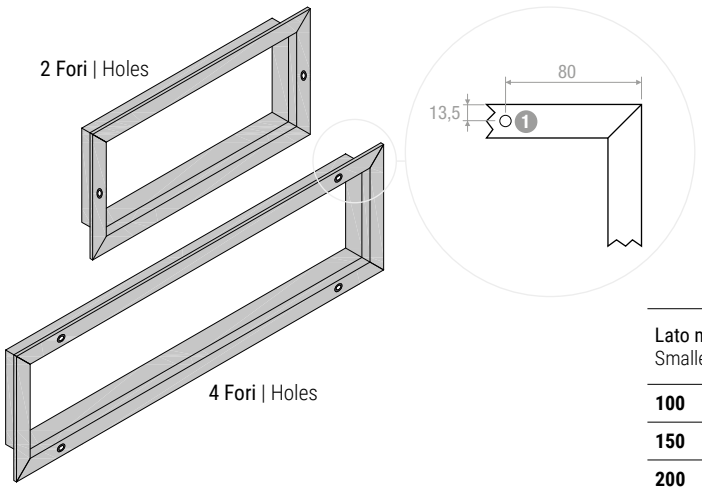
Cod. FRCLAFAN
Prezzo | Price € 0.80
Supporto a forcella zincato
Galvanized fork support

Cod. FRCLAF26
Prezzo | Price € 1.00
Supporto a forcella
verniciato bianco
White painted fork support

1 **Dimensione foro** | Hole dimension
2 **Alette posteriori orientabili** | Rear adjustable fins
3 **Tubi aggiuntivi con misure superiori a 600** | Additional tubes with sizes greater than 600
4 **Passo** | Pitch
5 **Passo massimo 385 mm** | Maximum pitch 385 mm

LAF

FORI | HOLE



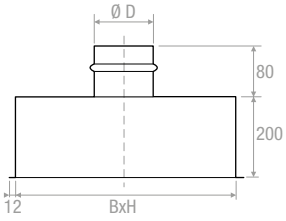
1 Ø 3,5 Foro svasato | Countersunk hole

QUANTITÀ DI FORI PER LE VITI DI FISSAGGIO
AMOUNT OF HOLES FOR MOUNTING SCREW

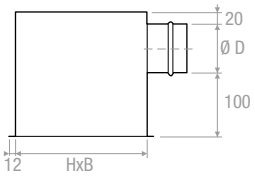
Lato minore Smaller side	Lato maggiore | Longer side				
	200	**250**	**300**	**350**	**≥400**
100	2	2	2	4	4
150	2	2	2	4	4
200	2	2	2	4	4
≥250	2	2	2	4	4

PLENUM | PLENUM

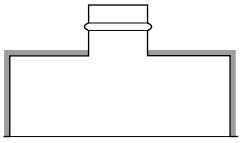
PBZ1



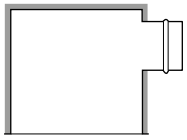
PBZ2



PBZI1



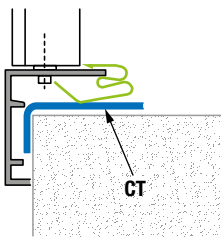
PBZI2



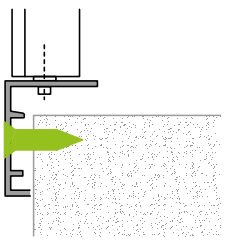
Plenum isolato esternamente spessore 6 mm
Plenum externally insulated thickness 6 mm

TIPO DI FISSAGGIO | TYPE OF FIXING

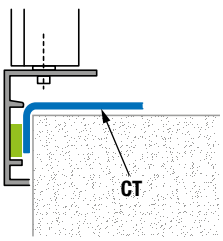
Fissaggio con clips
Fixing with clips



Fissaggio con viti
Fixing with screws

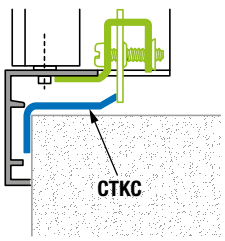


Fissaggio con calamite CL
Fixing with magnets CL



1xCL = € 2,53
Ogni griglia | Each grille: **4 CL**

Fissaggio con morsetti KC
Fixing with clamps KC



1xKC = € 5,05
da | from 200x100 a | to 1000x300: **2 KC**
da | from 400x400 a | to 1000x500: **4 KC**

TABELLA DI SELEZIONE | SELECTION TABLE

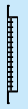
Modello | Model	A_k [m²]	Q [m³/h]		L_{WA} [dB(A)]		$X_{(0,25)}$ [m]		Dp_t [Pa]	
		min	max	min	max	min	max	min	max
LAF 400x75	0,0083	80	160	20	34	3,5	6,6	5	20
LAF 500x75	0,0129	120	240	22	35	4,2	8,0	5	20
LAF 600x75	0,0176	160	330	23	37	4,8	9,4	5	20
LAF 800x75	0,0268	250	500	26	39	6,1	11,7	5	20
LAF 1000x75	0,0361	330	680	27	41	6,9	13,8	5	20
LAF 1200x75	0,0453	420	850	29	42	7,9	15,5	5	20
LAF 200x100	0,0021	50	100	20	31	1,9	3,3	5	20
LAF 300x100	0,0083	80	160	20	34	3,5	6,6	5	20
LAF 400x100	0,0145	130	270	22	36	4,3	8,5	5	20
LAF 500x100	0,0206	190	390	24	38	5,3	10,3	5	20
LAF 600x100	0,0268	250	500	26	39	6,1	11,7	5	20
LAF 800x100	0,0392	360	730	28	41	7,3	14,2	5	20
LAF 1000x100	0,0515	470	970	29	43	8,3	16,6	5	20
LAF 1200x100	0,0638	590	1200	31	44	9,4	18,6	5	20
LAF 400x125	0,0206	190	390	24	38	5,3	10,3	5	20
LAF 500x125	0,0284	260	530	26	40	6,1	12,1	5	20
LAF 600x125	0,0361	330	680	27	41	6,9	13,8	5	20
LAF 800x125	0,0515	470	970	29	43	8,3	16,6	5	20
LAF 1000x125	0,0669	610	1250	31	45	9,5	19,0	5	20
LAF 1200x125	0,0823	760	1540	32	46	10,7	21,2	5	20
LAF 300x150	0,0176	160	330	23	37	4,8	9,4	5	20
LAF 400x150	0,0268	250	500	26	39	6,1	11,7	5	20
LAF 500x150	0,0361	330	680	27	41	6,9	13,8	5	20
LAF 600x150	0,0453	420	850	29	42	7,9	15,5	5	20
LAF 800x150	0,0638	590	1200	31	44	9,4	18,6	5	20
LAF 1000x150	0,0823	760	1540	32	46	10,7	21,2	5	20
LAF 1200x150	0,1008	930	1890	33	47	11,9	23,7	5	20
LAF 300x200	0,0268	250	500	26	39	6,1	11,7	5	20
LAF 400x200	0,0392	360	730	28	41	7,3	14,2	5	20
LAF 500x200	0,0515	470	970	29	43	8,3	16,6	5	20
LAF 600x200	0,0638	590	1200	31	44	9,4	18,6	5	20
LAF 800x200	0,0885	810	1660	32	46	11,0	22,1	5	20
LAF 1000x200	0,1132	1040	2120	34	47	12,6	25,2	5	20
LAF 1200x200	0,1379	1270	2590	35	49	14,0	28,0	5	20
LAF 400x300	0,0638	590	1200	31	44	9,4	18,6	5	20
LAF 500x300	0,0823	760	1540	32	46	10,7	21,2	5	20
LAF 600x300	0,1008	930	1890	33	47	11,9	23,7	5	20
LAF 800x300	0,1379	1270	2590	35	49	14,0	28,0	5	20
LAF 1000x300	0,1749	1610	3280	36	50	15,8	31,8	5	20
LAF 1200x300	0,2119	1950	3970	37	51	17,5	35,2	5	20
LAF 1000x400	0,2366	2170	4440	38	52	18,5	37,4	5	20
LAF 1200x400	0,2859	2630	5360	39	53	20,5	41,4	5	20

LAF

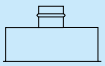
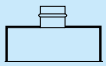
PREZZI | PRICES

MOLT. x 1.5
MOLT. x 1.72 RAL 9016

MOLT. x 1.1







BxH	LAFPR10 LAFPR15	LAF10 LAF15	LAF20 LAF25	LAG20 LAG25	SC	CT CTKC	PBZ1	PBZI1	PBZ 2	PBZI2
mm										
400x75	21,52	24,92	28,71	14,36	12,25	6,95	38,40	52,87	32,50	47,59
500x75	26,56	30,75	34,76	16,64	14,71	7,64	39,87	55,15	34,35	50,45
600x75	28,70	33,24	37,77	19,65	17,14	8,34	41,36	57,43	36,18	53,30
800x75	33,72	39,05	43,81	23,41	21,20	10,01	44,31	62,00	42,29	62,71
1000x75	39,47	45,72	49,87	27,20	26,05	11,40	55,38	75,06	46,82	69,55
1200x75	47,25	54,70	59,84	32,62	29,55	15,29	69,69	91,56	62,38	88,00
200x100	15,07	17,45	18,13	11,34	11,12	6,25	27,64	40,12	27,99	40,63
300x100	20,09	23,28	26,46	12,85	11,91	6,25	29,15	42,41	29,58	43,07
400x100	26,56	30,75	34,76	15,86	12,68	6,95	38,40	52,87	32,50	47,59
500x100	30,87	35,74	42,32	18,13	15,45	7,64	39,87	55,15	34,35	50,45
600x100	33,03	38,24	43,81	21,15	17,46	8,34	41,36	57,43	36,18	53,30
800x100	38,04	44,04	49,87	23,41	22,58	10,01	44,31	62,00	42,29	62,71
1000x100	45,24	52,39	59,70	27,96	27,58	11,40	55,38	75,06	46,82	69,55
1200x100	54,21	62,78	71,55	33,51	33,31	15,29	69,69	91,56	62,38	88,00
300x125	22,08	25,57	27,80	13,59	13,48	6,25	30,46	44,28	32,14	46,90
400x125	29,43	34,07	37,04	18,13	13,59	7,30	32,07	46,77	32,50	47,59
500x125	33,03	38,24	44,57	21,15	16,53	8,43	41,46	57,43	34,35	50,45
600x125	38,04	44,04	50,61	27,96	19,17	9,17	43,07	59,91	36,18	53,30
800x125	41,63	48,20	54,41	33,25	23,97	10,72	57,65	76,82	42,29	62,71
1000x125	53,11	61,51	67,99	38,53	29,35	12,16	68,96	90,29	46,82	69,55
1200x125	63,81	73,89	81,64	46,25	35,31	15,97	72,19	95,26	62,38	88,00
300x150	30,87	35,74	42,32	18,13	13,48	6,95	30,46	44,28	32,14	46,90
400x150	33,03	38,24	46,85	27,20	15,86	7,64	32,07	46,77	34,14	49,96
500x150	34,44	39,88	55,16	30,22	18,24	9,17	41,46	57,43	37,85	55,72
600x150	41,63	48,20	58,93	34,76	20,63	10,01	43,07	59,91	40,09	59,17
800x150	54,56	63,17	67,99	43,07	26,16	11,40	57,65	76,82	55,94	78,03
1000x150	62,46	72,33	82,35	49,87	31,20	12,93	68,96	90,29	63,77	90,00
1200x150	74,93	86,76	98,77	59,84	35,31	15,97	72,19	95,26	68,81	97,75
300x200	33,03	38,24	43,81	21,15	17,46	7,64	31,76	46,16	33,64	49,06
400x200	45,24	52,39	59,70	35,50	19,03	8,82	33,49	48,85	37,37	54,80
500x200	53,11	61,51	68,75	40,79	22,22	10,01	35,23	51,52	39,73	58,47
600x200	56,71	65,67	74,03	45,35	25,40	10,72	56,45	74,66	53,78	74,41
800x200	68,20	78,96	89,91	58,18	30,96	12,93	59,94	80,03	61,20	85,83
1000x200	83,27	96,42	105,79	67,99	34,12	14,44	63,42	85,40	69,68	98,91
1200x200	99,94	115,72	126,99	81,64	37,28	16,69	75,42	105,70	84,00	122,79
400x300	56,71	65,67	74,03	45,35	25,40	10,72	48,37	65,58	52,87	72,52
500x300	64,60	74,79	83,11	58,18	27,78	12,22	50,38	68,68	57,65	79,89
600x300	77,54	89,78	98,98	69,52	30,16	12,93	60,16	79,94	60,54	84,37
800x300	99,78	115,54	126,93	85,38	36,51	15,29	72,71	101,07	77,81	112,77
1000x300	119,09	137,89	157,08	103,15	43,65	17,38	77,35	107,92	88,22	128,53
1200x300	142,89	165,44	188,45	123,76	50,78	18,92	89,88	120,06	103,58	145,11
800x400	133,06	154,06	169,24	113,84	44,44	17,38	85,17	115,80	94,63	134,24
1000x400	158,73	183,79	209,20	137,53	52,36	19,73	101,08	137,70	117,10	166,29
1200x400	190,41	220,48	251,07	165,04	62,68	21,11	105,61	144,73	125,00	178,52



CFCRC

Caratteristiche: diffusori circolari a coni fissi con corpo centrale asportabile e serranda a farfalla.

Costruzione: alluminio verniciato bianco RAL 9016 opaco e guarnizione di tenuta.

Impiego: a soffitto, in mandata o ripresa. Altezza di installazione: 2,6-4,1 m

Fissaggio: a viti nascoste posizionate sul collo del diffusore o con ponte di montaggio.

Accessori:
• Collare di fissaggio (CF).
• Pannello 595x595 (CFP).

Characteristics: circular diffusers with fixed cones and removable core and butterfly damper.

Finishing: aluminium painted in matt white RAL 9016, with sealing gasket.

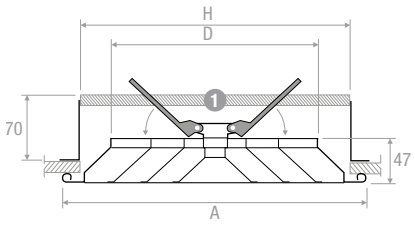
Utilization: for ceiling installation, for return or supply air application. Installation height: 2,6-4,1 m.

Fixing: by concealed fixing screws mounted on the diffuser neck or with mounting bridge.

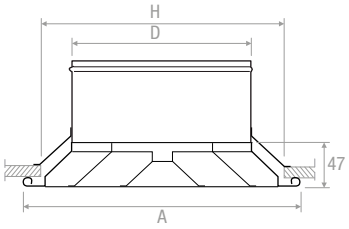
Accessories:
• Fixing ring (CF).
• Panel 595x595 (CFP).

DISEGNI | DRAWINGS

CFCRC



CFCRCCF



1 **Ponte di fissaggio** | Mounting bridge

Dimensioni| Dimension	**H**	**D**	**A**
mm	mm	mm	mm
150	220	148	257
200	276	198	309
250	324	249	362
300	377	298	415
350	411	348	460

ACCESSORI | ACCESSORIES

Collarino di fissaggio | Fixing ring

CF



Policarbonato
Polycarbonate
Ø 150
Ø 200
Ø 250



Acciaio
Steel
Ø 300
Ø 350

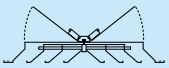
TABELLA DI SELEZIONE | TECHNICAL DATA

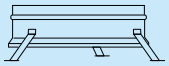
Modello | Model	A_k [m^2]	Q [m^3/h]		L_{WA} [dB(A)]		$X_{(0,25)}$ - $Y_{(0,25)}$ [m]		Dp_t [Pa]	
		min	max	min	max	min	max	min	max
CFCRC 150	0,0102	90	220	-	38	1,0	2,1	10	50
CFCRC 200	0,0227	200	490	-	38	1,5	3,2	10	50
CFCRC 250	0,0366	330	790	-	39	1,9	4,2	10	50
CFCRC 300	0,0519	470	1120	-	39	2,2	5,1	10	50
CFCRC 350	0,0684	620	1470	-	40	2,6	6,0	10	50

stock

PREZZI | PRICES

MOLT. x 2.12





Ø	**CFCRC**		Box	**CF** Coll. di fiss. | Fixing ring	
mm			Pezzi | Pieces		
150	19,85		4	8,66	
200	28,22		4	9,45	
250	37,11		4	11,81	
300		49,70	4	27,32	
350		66,02	4	29,76	

Nel prezzo è incluso il ponte di fissaggio | Mounting bridge is included in the price

DAV45BSA

Diffusore circolare in alluminio/ABS a coni regolabili, con serranda in ABS integrata, RAL 9016.

DAV03BSA

Diffusore circolare in alluminio/ABS a coni regolabili, su pannello 596x596 con serranda in ABS integrata, RAL 9016.



VANTAGGI

- Regolazione precisa a mezzo di vite micrometrica.
- Regolazione della serranda dal locale.
- Versione con pannello 596x596 E.C. per installazione in controsoffitti modulari.
- Disponibile software di selezione.

APPLICAZIONE / UTILIZZO

- Diffusore circolare a getto d'aria orizzontale e verticale
- Impianti di riscaldamento e di climatizzazione nel terziario (uffici, negozi, ristoranti).

Gamma

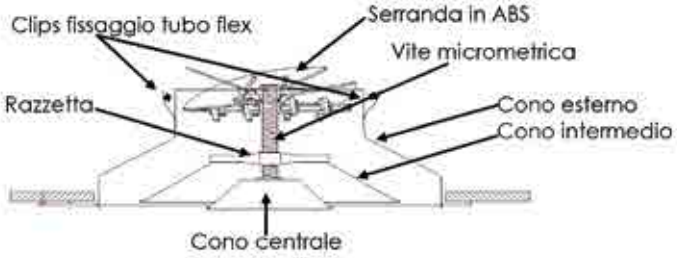
- 4 diametri: **160, 200, 250** e **315** mm.
- 2 versioni:
  - **DAV45BSA** - diffusore circolare RAL 9016 .
  - **DAV03BSA** - diffusore circolare RAL 9016 su pannello 596x596 per controsoffitti modulari.
- **SA**: serranda integrata in ABS.

Denominazione

DAV45B	**SA**	**200**	**RAL 9016**
modello	serranda	dimensione	finitura
45B: Circ. All./ABS 03B: Circ. All./ABS su pannello	SA: integrata in ABS	160, 200 250, 315	

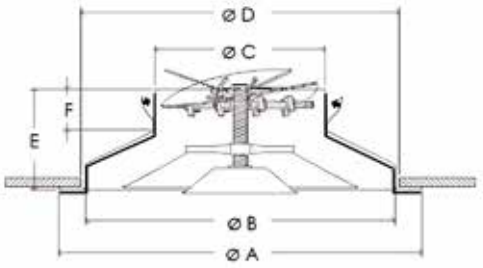
Costruzione / Composizione

- Cono esterno ed intermedio in alluminio verniciato a polveri epossidiche.
- Cono centrale e vite in ABS Classe V0, resistente ai raggi UV.
- Razzetta di sostegno in Nylon Classe V0.
- Clips di fissaggio rapido per tubo flessibile.
- Finitura RAL 9016.



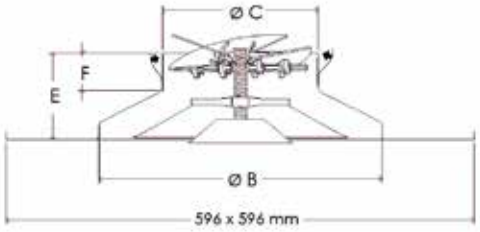
Descrizione tecnica

- **DAV45BSA**



	Ø [mm]	Ø A [mm]	Ø B [mm]	Ø C [mm]	Ø D [mm]	E [mm]	F [mm]
DAV45BSA	160	335	280	157	288	105	45
	200	423	360	198	370	118	48
	250	517	445	248	461	130	48
	315	640	560	313	576	146	48

- **DAV03BSA**



	Ø [mm]	Ø B [mm]	Ø C [mm]	E [mm]	F [mm]
DAV03BSA	160	280	157	100	45
	200	360	198	110	48
	250	445	248	120	48
	315	495	313	126	48

Accessori

KIT - 3 clips cartongesso

- Kit di 3 clips di fissaggio + cavetto di sicurezza.



PFU41

- Plenum attacco laterale maschio, attacco inferiore femmina.

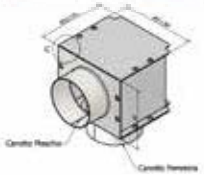


Tabella di selezione DAV45B-DAV03B / DAV45BSA-DAV03BSA

Ø [mm]		160		200		250		315	
Portata [m³/h]	Apertura serranda	100%	50%	100%	50%	100%	50%	100%	50%
100	X (m) Pt(Pa) NR	0,6 4 < 20	0,6 6 < 20	0,6 2 < 20	0,6 3 < 20				
200	X (m) Pt(Pa) NR	1,2 6 20	1,2 9 25	1,3 6 < 20	1,3 6 < 20	1 3 < 20	1 3 < 20		
300	X (m) Pt(Pa) NR	1,8 28 25	1,8 43 30	2 13 20	2 19 < 25	1,3 6 < 20	1,3 8 < 20	1,1 3 < 20	1,1 3 < 20
400	X (m) Pt(Pa) NR	2,3 46 35	2,3 70 40	2,6 21 25	2,6 31 30	1,9 9 < 20	1,9 14 < 20	1,5 4 < 20	1,5 6 < 20
500	X (m) Pt(Pa) NR	2,9 67 40	2,9 103 45	3,3 30 30	3,3 46 35	2,3 14 21	2,3 20 26	1,7 6 < 20	1,7 8 < 20
700	X (m) Pt(Pa) NR	4,1 119 60	4,1 184 65	4,6 54 40	4,6 81 45	3,2 25 29	3,2 36 34	2,8 11 20	2,8 15 24
800	X (m) Pt(Pa) NR			5,2 68 45	5,2 102 50	3,7 31 31	3,7 46 36	3,2 14 22	3,2 19 26
1000	X (m) Pt(Pa) NR			7,4 90 55	6,6 150 65	5,2 45 36	5,2 45 36	4,1 20 26	4,1 28 30
1500	X (m) Pt(Pa) NR					7,4 90 55	7,4 130 60	5,9 40 34	5,9 57 38
1750	X (m) Pt(Pa) NR					7,7 101 61	7,7 151 66	6,2 45 37	6,2 70 41
2000	X (m) Pt(Pa) NR							7,9 65 41	7,9 94 45
2500	X (m) Pt(Pa) NR							9,9 96 51	9,9 139 55

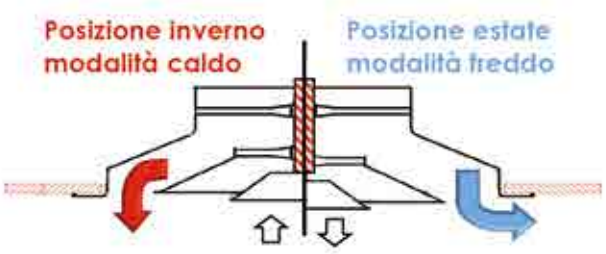
NR < 25	25 < NR <35	35 < NR <45	NR >45

NR: potenza acustica senza attenuazione del locale.

Limiti d'Utilizzo

- H di installazione: min 2,6 m - max 4,10 m.
- Temperatura massima di esercizio 80°C
- Area effettiva di passaggio Ak:
  - Ø 160 = 0,0197 m²
  - Ø 200 = 0,0302 m²
  - Ø 250 = 0,0462 m²
  - Ø 315 = 0,0717 m²

Dati calcolati in isoterme, con altezza di installazione di 3 m e una VR (velocità residua) tra i 0,15 e i 0,2 m/s.



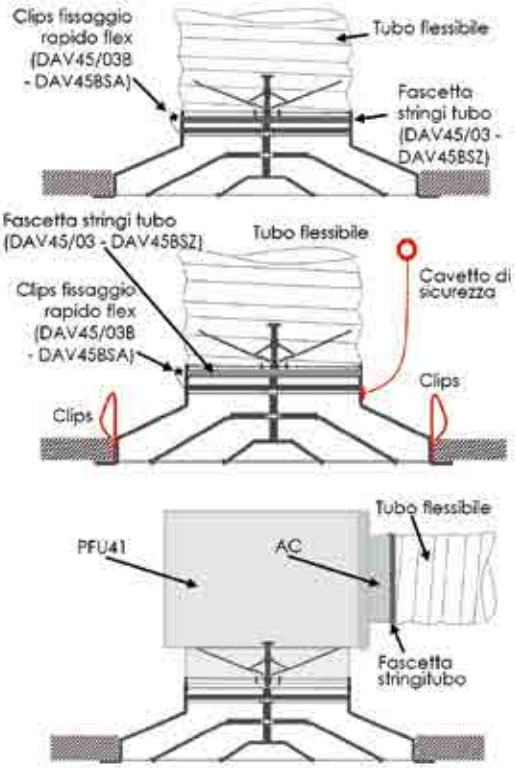
Listino

MOLT. x 1.1

Ø [mm]	DAV45BSA	DAV03BSA	CLIPS
160	€ 111,00	€ 133,00	€ 46,00
200	€ 128,00	€ 147,00	€ 46,00
250	€ 156,00	€ 179,00	€ 46,00
315	€ 194,00	€ 211,00	€ 56,00

Montaggio e raccordo

Installazione:
- fissaggio con viti nascoste sul collo del diffusore,
- su cartongesso con il kit clips di fissaggio.





DLF

Caratteristiche: diffusori lineari a feritoie con deflettori neri (standard). Diffusori lineari a feritoie con deflettori bianchi RAL 9016 opaco (DLF/DW).

Costruzione: alluminio anodizzato estruso.

Impiego: a soffitto, in mandata e ripresa. Altezza di installazione: 2,5-3,1 m.

Fissaggio:
- Con staffa interna fissa,con inserti filettati e viti.

Accessori:
- Deflettori.
- Serranda a scorrimento.
- Equalizzatore.
- Sistemi di fissaggio.
- Plenum di raccordo in acciaio zincato con o senza isolamento.

Characteristics: linear slot diffusers with black deflectors (standard). Linear slot diffusers with white deflectors RAL 9016 matt (DLF/DW).

Finishing: anodized extruded aluminium.

Utilization: for ceiling installation and for air intake and delivery. Installation height: 2,5-3,1 m.

Fixing:
- By inner mounting bracket.
- By springs inside the plenum.

Accessories:
- Deflectors.
- Sliding control damper.
- Equalizer.
- Fixing systems.
- Galvanized steel connection plenum with or without insulation.

MODELLI | MODELS

DLF10	**Diffusore standard (1)** | Standard diffuser (without sliding control damper and deflectors) (1)
DLF20	**Diffusore con alette deflettrici (1) + (2)** | Diffuser with deflectors (1) + (2)
DLF30	**Diffusore con serranda a scorrimento (1) + (3)** | Diffuser with sliding control damper (1) + (3)
DLF40	**Diffusore con alette deflettrici e serranda a scorrimento (1) + (2) + (3)** Diffuser with sliding control damper and deflectors (1) + (2) + (3)
DLF50	**Diffusore con alette deflettrici, serranda a scorrimento ed equalizzatore (1) + (2) + (3) + (4)** Diffuser with sliding control damper, deflectors and equalizer (1) + (2) + (3) + (4)

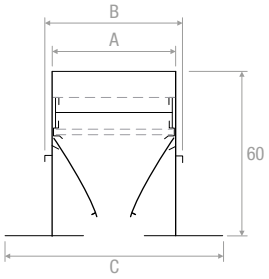
VERNICIATURA | PAINTING

Colori RAL 9016 opaco - 9010 lucido: + 15% - Altri colori: prezzi a richiesta Color RAL 9016 matt - 9010 glossy: + 15% - Different colors: prices on request

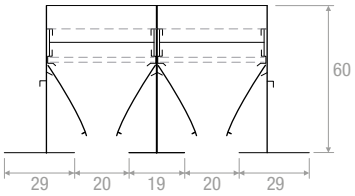
Materiale a stock | Stock material

DISEGNI | DRAWINGS

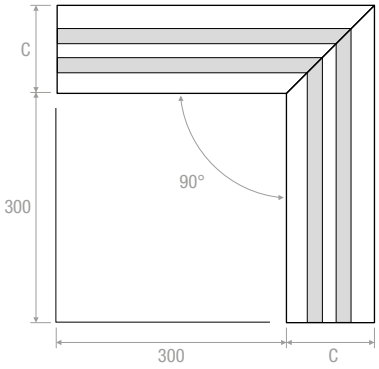
DLF50
1 feritoia | slot



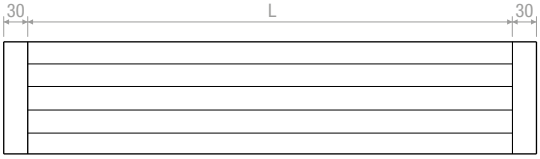
DLF50
2 feritoie | slots



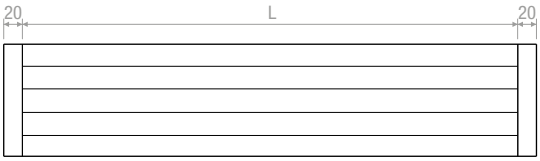
DLF90



Standard

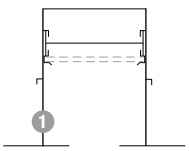


Opzione testata 20 mm | Option endcaps 20 mm

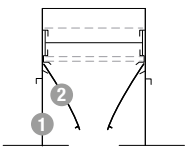


CONFIGURAZIONI | CONFIGURATIONS

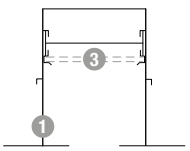
DLF10



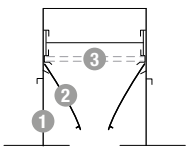
DLF20



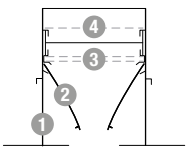
DLF30



DLF40



DLF50



1. **Diffusore standard** | Standard diffuser
2. **Deflettore** | Deflector
3. **Serranda a scorrimento** | Sliding damper
4. **Equalizzatore** | Equalizer

DLF

stock

PREZZI | PRICES

MOLT ALL. x 2.2
RAL 9016 x 2.54

Feritoie Slots	Lunghezza Lenght	 DLF10	 DLF20	 DLF30	 DLF40	 DLF50	 DLF90	Testata Endcap 30 mm TST30
N°	mm*	€	€	€	€	€	€	€
1	800	32,50	36,26	38,53	43,07	47,62	59,70	3,92
	1000	36,26	40,79	43,81	46,85	54,41		
	1500	46,08	52,14	55,91	61,95	69,52		
	2000	55,16	63,47	67,99	75,57	86,13		
2	800	43,07	50,61	55,91	63,47	72,54	78,56	4,88
	1000	48,34	58,18	63,47	72,54	82,35		
	1500	62,71	74,82	81,62	92,93	108,79		
	2000	77,07	92,93	99,75	116,36	133,73		
3	800	53,64	64,98	72,54	83,87	97,47	98,92	5,97
	1000	60,46	73,31	82,35	95,20	111,84		
	1500	78,57	97,47	107,30	126,18	147,35		
	2000	98,24	121,67	132,23	156,42	183,61		
4	800	64,23	88,40	98,98	103,52	121,67	117,86	6,96
	1000	73,31	89,91	101,26	118,61	141,24		
	1500	95,96	119,39	132,99	157,16	185,15		
	2000	118,61	150,36	163,95	195,70	230,46		

*** Le lunghezze riportate sono da intendere passaggio aria** | The lenghts are actual neck sizes
Plenum in continuità aumentare i prezzi sopra indicati del 15% | Plenum box in continuity solution price increase 15%
DLF90: Eseguibile fino a diffusore a 4 feritoie | Buildable up to 4 slots diffuser

MOLT ALL. x 2.2
RAL 9016 x 2.54

Feritoie Slots	Lunghezza Lenght	 DLFDW20	 DLFDW40	 DLFDW50
N°	mm*	€	€	€
1	800	40,16	46,97	51,51
	1000	45,67	51,70	59,25
	1500	59,44	69,25	76,82
	2000	73,21	85,30	95,86
2	800	58,41	71,26	80,34
	1000	67,92	82,28	92,08
	1500	89,41	107,55	123,41
	2000	112,41	135,84	153,20
3	800	76,68	95,55	109,15
	1000	87,91	109,79	126,44
	1500	119,37	148,09	169,25
	2000	150,86	185,63	212,81
4	800	103,98	119,11	137,24
	1000	109,38	138,09	160,71
	1500	148,60	186,37	214,36
	2000	189,32	234,65	269,42

*** Le lunghezze riportate sono da intendere passaggio aria** | The lenghts are actual neck sizes

LISTINO PLENUM PER DIFFUSORI LINEARI



ATTACCHI SUPERIORI

1/2/3 FERITOIE H 115

	D.150		
LUNGH.	***N.ATTACCHI***		
	1	***2***	***3***
800	*137*	*156*	*176*
1000	*137*	*156*	*176*
1500	*191*	*210*	*230*
2000	*245*	*265*	*284*

	D.200		
LUNGH.	***N.ATTACCHI***		
	1	***2***	***3***
800	*136*	*160*	*180*
1000	*139*	*160*	*180*
1500	*193*	*214*	*234*
2000	*247*	*268*	*289*



ATTACCHI LATERALI

1/2/3 FERITOIE H 225

	D.150		
LUNGH.	**N.ATTACCHI**		
	1	***2***	***3***
800	*158*	*179*	*202*
1000	*158*	*179*	*202*
1500	*220*	*242*	*265*
2000	*282*	*305*	*327*

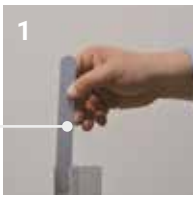
	D.200		
LUNGH.	**N.ATTACCHI**		
	1	***2***	***3***
800	*156*	*184*	*207*
1000	*160*	*184*	*207*
1500	*222*	*246*	*269*
2000	*284*	*308*	*332*

VITI PER LINEARI 6x35	***800-100-1500 4 VITI***	*6 €*
	2000 6 VITI	*9 €*

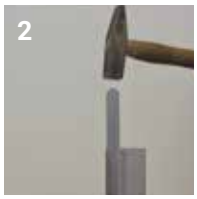
SOLUZIONE DI CONTINUITÀ | SLOTS INSTALLATION IN CONTINUOS STRIPS



Punto di bloccaggio
Clamping point



Inserire la staffa nel profilo nel senso indicato.
Insert the bracket into the profile in the direction indicated.



Inserire la staffa sino a far penetrare di 10/15 mm il punto di bloccaggio.
Insert the bracket to penetrate up to 10/15 mm the clamping point.

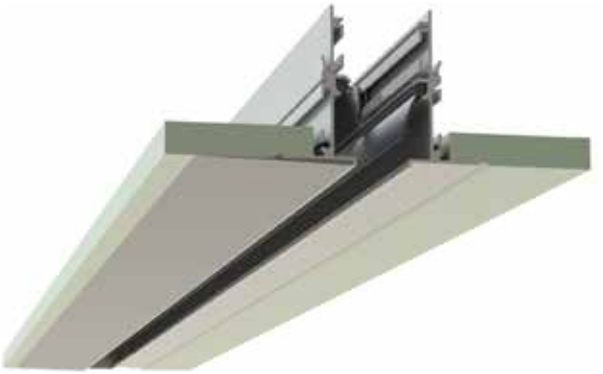


Unire i 2 elementi.
Combine the 2 parts.

TABELLA DI SELEZIONE | TECHNICAL DATA

Modello | Model	A_k [m^2]	Q [m^3/h]		L_{WA} [dB(A)]		$X_{(0,25)}$ [m]		Dp_t* [Pa]	
		min	max	min	max	min	max	min	max
DLF1 1000	0,00959	100	230	32	46	3,1	6,9	10	50
DLF2 1000	0,01930	200	460	33	47	4,1	9,2	10	50
DLF3 1000	0,02901	300	690	34	48	4,8	11,0	10	50
DLF4 1000	0,03872	410	930	35	49	5,6	12,5	10	50
DLF5 1000	0,04843	510	1160	35	49	6,1	13,8	10	50
DLF6 1000	0,05814	610	1390	36	50	6,6	14,8	10	50
DLF7 1000	0,06785	710	1620	36	50	7,0	15,8	10	50
DLF8 1000	0,07757	820	1860	37	51	7,5	16,9	10	50

* Senza equalizzatore e serranda completamente aperta | Without equalizer and calibration damper completely open



DLFS

Caratteristiche: diffusori lineari a feritoie a scomparsa.

Costruzione: alluminio estruso verniciato nero RAL 9005 con deflettore RAL 9005 (standard). Alluminio estruso verniciato bianco RAL 9016 opaco con deflettore RAL 9016.

Impiego: a soffitto o parete, in mandata o ripresa. Altezza di installazione: 2,5-3,1 m.

Fissaggio: con staffa interna mobile.

Accessori:
- Deflettori.
- Serranda a scorrimento.
- Equalizzatore.
- Sistemi di fissaggio.
- Plenum di raccordo in acciaio zincato con o senza isolamento, adatti contemporaneamente per installazione con singolo diffusore e per realizzazione di linee di continuità.

Characteristics linear slot diffusers coanceled mounting.

Finishing: extruded aluminium painted black RAL 9005 with deflector RAL 9005 (standard). Extruded aluminium painted white RAL 9016 matt with deflector RAL 9016.

Utilization: for ceiling or wall installation and for air return or supply. Installation height: 2,5-3,1 m.

Fixing: by inner mounting mobile bracket.

Accessories:
- Deflectors.
- Sliding control damper.
- Equalizer.
- Fixing systems.
- Galvanized steel connection plenum with or without insulation, simultaneously for single installation and for lines of continuity realization.

MODELLI | MODELS

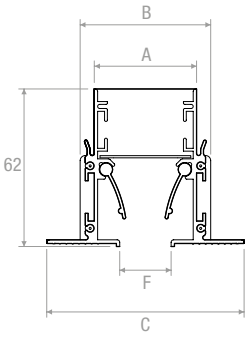
DLFSA	**Diffusore con feritoia da 20 mm** | Diffuser with 20 mm slot
DLFSB	**Diffusore con feritoia da 25 mm** | Diffuser with 25 mm slot
DLFSC	**Diffusore con feritoia da 30 mm** | Diffuser with 30 mm slot
DLFS10	**Diffusore standard (1)** | Standard diffuser (without sliding control damper and deflectors) (1)
DLFS20	**Diffusore con alette deflettrici (1) + (2)** | Diffuser with deflectors (1) + (2)
DLFS30	**Diffusore con serranda a scorrimento (1) + (3)** | Diffuser with sliding control damper (1) + (3)
DLFS40	**Diffusore con alette deflettrici e serranda a scorrimento (1) + (2) + (3)** Diffuser with deflectors and sliding control damper (1) + (2) + (3)
DLFS50	**Diffusore con alette deflettrici, serranda a scorrimento ed equalizzatore (1) + (2) + (3) + (4)** Diffuser with deflectors, sliding control damper and equalizer (1) + (2) + (3) + (4)

VERNICIATURA | PAINTING

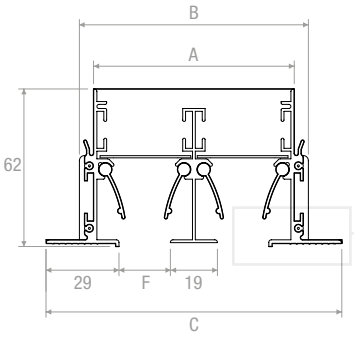
Versione RAL 9016 opaco + 15% / Altri colori RAL: prezzi a richiesta
Version RAL 9016 matt + 15% / Different RAL colors: prices on request

DISEGNI | DRAWINGS

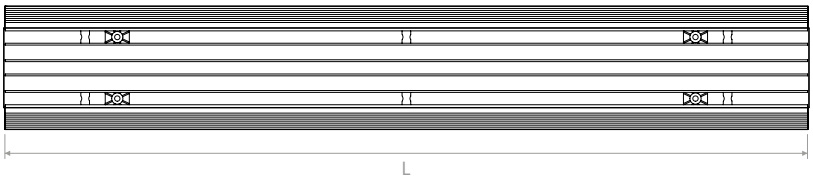
Diffusore ad una feritoia
One slot diffuser



Diffusore multiferitoia
Multi-slot diffuser







Testata di chiusura
End cap



DLFSA FERITOIA | SLOTS **20 mm**

Feritoie Slots	**F**	**A**	**B**	**C**
N°	mm	mm	mm	mm
1	20	40	51	77
2	20	78	89	115
3	20	116	127	153
4	20	155	166	192

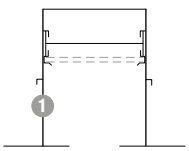
DLFSB FERITOIA | SLOTS **25 mm**

Feritoie Slots	**F**	**A**	**B**	**C**
N°	mm	mm	mm	mm
1	25	45	56	82
2	25	88	99	125
3	25	131	142	168
4	25	175	185	212

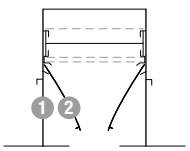
DLFSC FERITOIA | SLOTS **30 mm**

Feritoie Slots	**F**	**A**	**B**	**C**
N°	mm	mm	mm	mm
1	30	50	61	87
2	30	98	109	135
3	30	147	157	183
4	30	195	205	232

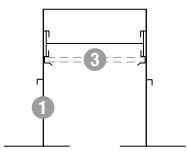
DLFS10



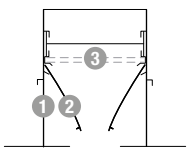
DLFS20



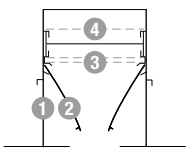
DLFS30



DLFS40



DLFS50



1 **Diffusore standard** | Standard diffuser
2 **Deflettore** | Deflector
3 **Serranda a scorrimento** | Sliding damper
4 **Equalizzatore** | Equalizer

DLFS

DATI PRESTAZIONALI | PERFORMANCE DATA

DLFSA FERITOIA | SLOTS **20 mm**

Modello | Model	A_k [m²]	Q [m³/h]		L_{WA} [dB(A)]		$X_{(0,25)}$ [m]		Dp_t [Pa]	
		min	max	min	max	min	max	min	max
DLFSA 1F 1000	0,00959	100	230	32	46	3,1	6,9	10	50
DLFSA 2F 1000	0,01930	200	460	33	47	4,1	9,2	10	50
DLFSA 3F 1000	0,02901	300	690	34	48	4,8	11	10	50
DLFSA 4F 1000	0,03872	410	930	35	49	5,6	12,5	10	50

DLFSB FERITOIA | SLOTS **25 mm**

Modello | Model	A_k [m²]	Q [m³/h]		L_{WA} [dB(A)]		$X_{(0,25)}$ [m]		Dp_t [Pa]	
		min	max	min	max	min	max	min	max
DLFSB 1F 1000	0,01198	125	280	33	47	3,3	7,1	10	50
DLFSB 2F 1000	0,02912	250	570	34	48	4,3	9,4	10	50
DLFSB 3F 1000	0,03626	375	860	35	49	5	11,2	10	50
DLFSB 4F 1000	0,0484	510	1160	36	50	5,8	12,7	10	50

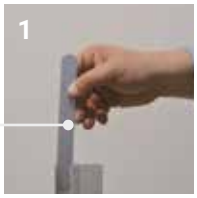
DLFSC FERITOIA | SLOTS **30 mm**

Modello | Model	A_k [m²]	Q [m³/h]		L_{WA} [dB(A)]		$X_{(0,25)}$ [m]		Dp_t [Pa]	
		min	max	min	max	min	max	min	max
DLFSC 1F 1000	0,01438	150	340	35	48	4,1	7,9	10	50
DLFSC 2F 1000	0,02895	300	690	36	49	5,1	10,2	10	50
DLFSC 3F 1000	0,04351	450	1030	37	50	5,8	12	10	50
DLFSC 4F 1000	0,05808	610	1390	38	51	6,6	13,5	10	50

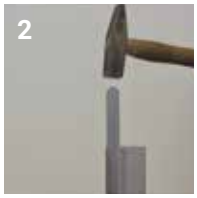
SOLUZIONE DI CONTINUITÀ | SLOTS INSTALLATION IN CONTINUOS STRIPS



Punto di bloccaggio
Clamping point



Inserire la staffa nel profilo nel senso indicato.
Insert the bracket into the profile in the direction indicated.



Inserire la staffa sino a far penetrare di 10/15 mm il punto di bloccaggio.
Insert the bracket to penetrate up to 10/15 mm the clamping point.



Unire i 2 elementi.
Combine the 2 parts.

DLFS

PREZZI | PRICES

MOLT ALL. x 2.2
RAL 9016 x 2.54

Feritoie | Slots	Lunghezza | Lenght	DLFSA10	DLFSA20	DLFSA30	DLFSA40	DLFSA50	PDL6A	PDLI6A
N°	mm							
1	**DLFSA 800**	42,25	47,14	50,08	56,00	61,91	61,11	70,60
	DLFSA 1000	47,14	53,03	56,96	60,90	70,73	61,85	72,98
	DLFSA 1500	59,90	67,79	72,68	80,54	90,42	92,83	111,86
	DLFSA 2000	71,71	82,52	88,39	98,25	111,97	122,98	148,36
2	**DLFSA 800**	56,00	65,80	72,68	82,52	94,31	61,11	70,60
	DLFSA 1000	62,84	75,63	82,52	94,31	107,06	61,85	72,98
	DLFSA 1500	81,52	97,27	106,11	120,81	141,43	92,83	111,86
	DLFSA 2000	100,19	120,81	129,67	151,27	173,85	122,98	148,36
3	**DLFSA 800**	69,74	84,48	94,31	109,04	126,71	64,27	75,37
	DLFSA 1000	78,59	95,30	107,06	123,76	145,40	65,05	77,74
	DLFSA 1500	102,14	126,71	139,50	164,04	191,56	95,99	115,83
	DLFSA 2000	127,70	158,16	171,90	203,35	238,69	126,16	155,51
4	**DLFSA 800**	82,57	114,92	128,67	134,58	158,16	64,27	75,37
	DLFSA 1000	95,30	116,89	131,63	154,18	183,61	65,05	77,74
	DLFSA 1500	124,75	155,21	172,88	204,31	240,70	95,99	115,83
	DLFSA 2000	154,18	195,46	213,14	254,41	299,59	126,16	155,51

Feritoie | Slots	Lunghezza | Lenght	DLFSB10	DLFSB20	DLFSB30	DLFSB40	DLFSB50	PDL6B	PDLI6B
N°	mm							
1	**DLFSB 800**	45,49	50,77	53,94	60,30	66,68	64,16	74,13
	DLFSB 1000	50,77	57,11	61,33	65,59	76,17	64,94	76,62
	DLFSB 1500	64,52	73,00	78,26	86,74	97,38	97,47	117,45
	DLFSB 2000	77,22	88,86	95,19	105,80	120,58	129,12	155,77
2	**DLFSB 800**	60,30	70,86	78,26	88,86	101,56	64,16	74,13
	DLFSB 1000	67,68	81,46	88,86	101,56	115,30	64,94	76,62
	DLFSB 1500	87,79	104,74	114,27	130,10	152,31	97,47	117,45
	DLFSB 2000	107,90	130,10	139,65	162,90	187,22	129,12	155,77
3	**DLFSB 800**	75,10	90,97	101,56	117,42	136,46	67,48	79,13
	DLFSB 1000	84,64	102,63	115,30	133,27	156,58	68,29	81,63
	DLFSB 1500	110,00	136,46	150,23	176,65	206,28	100,79	121,61
	DLFSB 2000	137,53	170,33	185,13	218,98	257,05	132,47	163,28
4	**DLFSB 800**	88,92	123,77	138,58	144,93	170,33	67,48	79,13
	DLFSB 1000	102,63	125,88	141,76	166,05	197,74	68,29	81,63
	DLFSB 1500	134,34	167,15	186,18	220,02	259,21	100,79	121,61
	DLFSB 2000	166,05	210,50	229,54	273,97	322,65	132,47	163,28

SOLUZIONE DI CONTINUITÀ | INSTALLATION IN CONTINUITY SOLUTION

DLFS

PREZZI | PRICES

MOLT ALL. x 2.2
RAL 9016 x 2.54

Feritoie | Slots	Lunghezza | Lenght	DLFSC10	DLFSC20	DLFSC30	DLFSC40	DLFSC50
N°	mm					
1	**DLFSC 800**	48,75	54,40	57,79	64,62	71,40
	DLFSC 1000	54,40	61,19	65,72	70,28	81,61
	DLFSC 1500	69,13	78,21	83,86	92,93	104,34
	DLFSC 2000	82,74	95,22	101,99	113,36	129,19
2	**DLFSC 800**	64,62	75,92	83,86	95,22	108,81
	DLFSC 1000	72,51	87,27	95,22	108,81	123,53
	DLFSC 1500	94,06	112,23	122,43	139,40	163,19
	DLFSC 2000	115,61	139,40	149,62	174,54	200,60
3	**DLFSC 800**	80,47	97,48	108,81	125,82	146,21
	DLFSC 1000	90,69	109,97	123,53	142,80	167,77
	DLFSC 1500	117,86	146,21	160,96	189,28	221,02
	DLFSC 2000	147,36	182,50	198,35	234,63	275,42
4	**DLFSC 800**	95,28	132,61	148,47	155,28	182,50
	DLFSC 1000	109,97	134,87	151,89	177,91	211,86
	DLFSC 1500	143,94	179,09	199,48	235,74	277,73
	DLFSC 2000	177,91	225,54	245,93	293,55	345,69

ACCESSORI | ACCESSORIES

MOLT. x 2.2

CCKITCONTDLF
Kit Continuità (2 pezzi)
Kit continuity (2 pieces)



2,70

LISTINO PLENUM PER DIFFUSORI LINEARI



ATTACCHI SUPERIORI

1/2/3 FERITOIE H 115

	D.150		
LUNGH.	***N.ATTACCHI***		
	1	***2***	***3***
800	*137*	*156*	*176*
1000	*137*	*156*	*176*
1500	*191*	*210*	*230*
2000	*245*	*265*	*284*

	D.200		
LUNGH.	***N.ATTACCHI***		
	1	***2***	***3***
800	*136*	*160*	*180*
1000	*139*	*160*	*180*
1500	*193*	*214*	*234*
2000	*247*	*268*	*289*



ATTACCHI LATERALI

1/2/3 FERITOIE H 225

	D.150		
LUNGH.	**N.ATTACCHI**		
	1	***2***	***3***
800	*158*	*179*	*202*
1000	*158*	*179*	*202*
1500	*220*	*242*	*265*
2000	*282*	*305*	*327*

	D.200		
LUNGH.	**N.ATTACCHI**		
	1	***2***	***3***
800	*156*	*184*	*207*
1000	*160*	*184*	*207*
1500	*222*	*246*	*269*
2000	*284*	*308*	*332*

VITI PER LINEARI 6x35	***800-100-1500 4 VITI***	*6 €*
	2000 6 VITI	*9 €*



DLFL

Caratteristiche: diffusori lineari a singola feritoia finitura standard nero RAL 9005 opaco con deflettore, senza cornice per installazione a scomparsa a parete o soffitto. DLFLADW-DLFLDW Diffusore verniciato bianco RAL 9016 opaco.

Costruzione: alluminio verniciato nero RAL 9005 opaco.

Impiego: a soffitto o parete per mandata e ripresa. Possibilità lancio verticale e lancio laterale con effetto Coanda.

Fissaggio: staffaggio a parete o solaio mediante staffe poste sul plenum. Sedi di appoggio della parete o solaio in cartongesso ricavate sul diffusore stesso.

Accessori:
- Serranda a scorrimento.
- Deflettori.
- Kit continuità.
- Plenum in acciao zincato con attacco circolare in materiale plastico e isolamento opzionale esterno in polietilene sp. 6 mm.

Characteristics: linear single slot diffusers standard version matt black RAL 9005 with deflector, without frame for hidden installation, on wall or ceiling.
DLFLADW-DLFLDW diffuser finish white RAL 9016 matt.

Finishing: extruded aluminum painted black RAL 9005 matt.

Utilization: ceiling or wall installation for air supply and return. Possibility of vertical throw and lateral throw with Coanda effect.

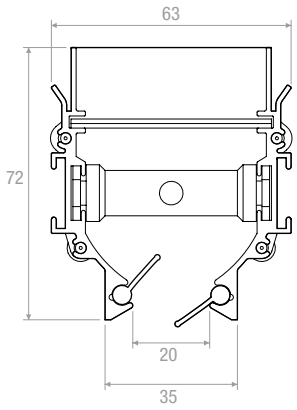
Fixing: bracketing on the wall or floor using brackets placed on the plenum. Support seats of the wall or floor in plasterboard made on the same diffuser.

Accessories:
- Sliding damper.
- Deflectors.
- Continuity kit.
- Plenum box in galvanized steel with circular connection in plastic material and optional external insulation in polyethylene sp. 6 mm.

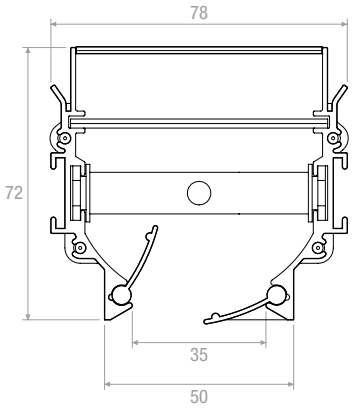
MODELLI | MODELS	
DLFLA10-DLFL10	Diffusore standard (1) | Standard diffuser
DLFLA20-DLFL20	Diffusore con alette deflettrici (1) + (2) | Diffuser with deflectors (1) + (2)
DLFLA30-DLFL30	Diffusore con serranda a scorrimento (1) + (3) Diffuser with sliding control damper (1) + (3)
DLFLA40-DLFL40	Diffusore con alette deflettrici e serranda a scorrimento (1) + (2) + (3) Diffuser with deflectors and sliding control damper (1) + (2) + (3)
PDLFLA-PDLFL	Plenum non isolato | Not insulated plenum box
PDLFLIA-PDLFLI	Plenum isolato | Insulated plenum box
PDLFLAEQ-PDLFLEQ	Plenum non isolato con equalizzatore | Not insulated plenum box with equalizer
PDLFLAIEQ-PDLFLIEQ	Plenum isolato con equalizzatore | Insulated plenum box with equalizer

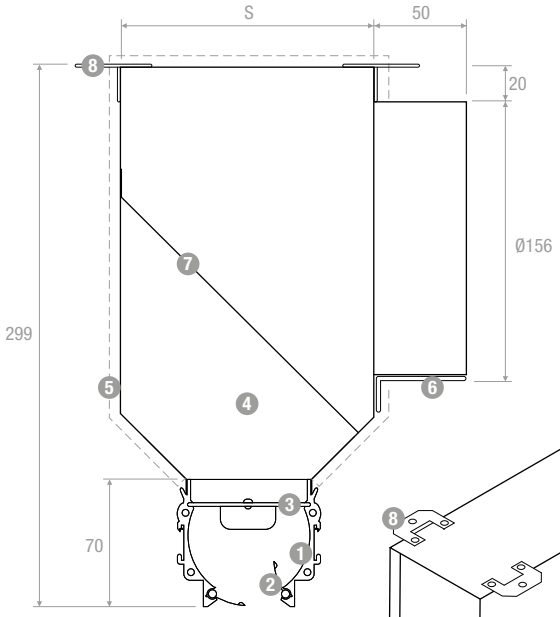
DISEGNI | DRAWINGS

DLFLA

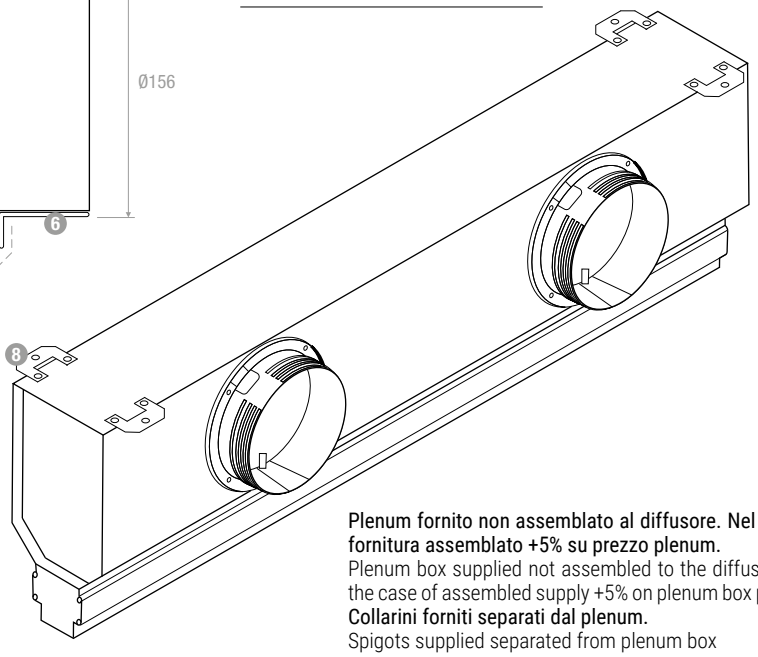


DLFL





Modello | Model	**S (mm)**
PDLFLA	127
PDLFL	142

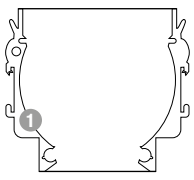


1. **Diffusore** - Diffuser
2. **Alette deflettrici** - Deflectors
3. **Serranda a scorrimento** - Sliding damper
4. **Plenum** - Plenum box
5. **Isolamento plenum** - Plenum box insulation
6. **Collarino** - Spigot
7. **Equalizzatore** - Equalizer
8. **Staffe fissaggio** - Fixing brackets

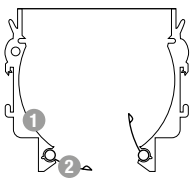
Plenum fornito non assemblato al diffusore. Nel caso fornitura assemblato +5% su prezzo plenum.
Plenum box supplied not assembled to the diffuser. In the case of assembled supply +5% on plenum box price.
Collarini forniti separati dal plenum.
Spigots supplied separated from plenum box

VERSIONI | VERSIONS

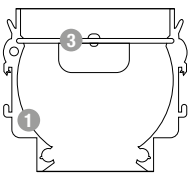
DLFLA10 - DLFL10



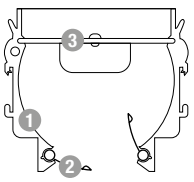
DLFLA20 - DLFL20



DLFLA30 - DLFL30



DLFLA40 - DLFL40

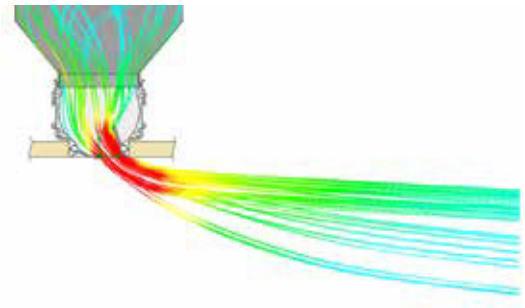


1. **Diffusore** | Diffuser
2. **Alette deflettrici** | Deflectors
3. **Serranda a scorrimento** | Sliding damper

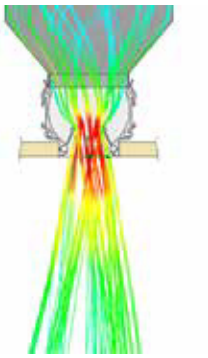
DLFL

LANCIO | THROW

Lancio orizzontale con effetto coanda
Horizontal throw with coanda effect

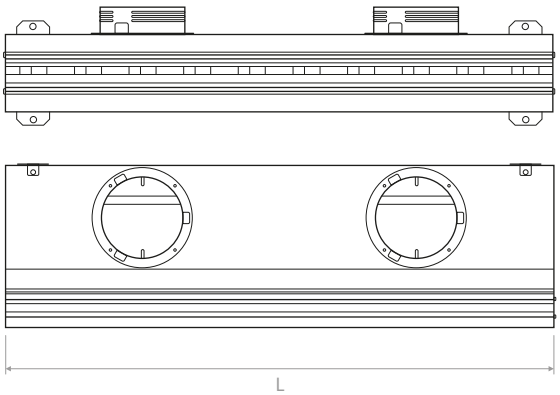


Lancio verticale
Vertical throw



PLENUM | PLENUM

PDLFL/PDLFLI



PDL

Modello | Model	**Lunghezza** | Lenght	**Collari** | Spigots
	mm	Ø - N°
DLFLA	600	156-1
DLFLA	800	156-2
DLFLA	1000	156-2
DLFLA	1200	156-2
DLFLA	1500	156-3
DLFLA	2000	156-4
DLFL	600	156-1
DLFL	800	156-2
DLFL	1000	156-2
DLFL	1200	156-2
DLFL	1500	156-3
DLFL	2000	156-4

TABELLA DI SELEZIONE | TECHNICAL DATA

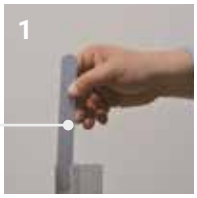
Modello | Model	A_k [m^2]	Q [m^3/h]		L_{WA} [dB(A)]		$X_{(0,25)}$ [m]		Dp_t* [Pa]	
		min	max	min	max	min	max	min	max
DLFLA1000	0,0098	60	215	31	45	2,92	9,4	10	50
DLFL1000	0,01715	125	430	34	48	5,68	15,36	10	50

*** Senza equalizzatore e serranda completamente aperta** | Without equalizer and calibration damper completely open.

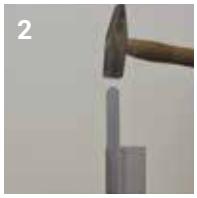
SOLUZIONE DI CONTINUITÀ | SLOTS INSTALLATION IN CONTINUOS STRIPS



Punto di bloccaggio
Clamping point



Inserire la staffa nel profilo nel senso indicato.
Insert the bracket into the profile in the direction indicated.



Inserire la staffa sino a far penetrare di 10/15 mm il punto di bloccaggio.
Insert the bracket to penetrate up to 10/15 mm the clamping point.



Unire i 2 elementi.
Combine the 2 parts.

ACCESSORI | ACCESSORIES

MOLT. x 2.2

Modello | Model		
CCKITCONTDLF Kit Continuità (2 pezzi) Kit continuity (2 pieces)		2,70

DLFL

PREZZI | PRICES

MOLT ALL. x 2.2
RAL 9016 x 2.54

Modello Model	 DLFLA10	 DLFLA20	 DLFLA30	 DLFLA40	Testata Endcap TST
	€	€	€	€	€
DLFLA 600	36,84	39,76	40,60	43,51	4,36
DLFLA 800	41,70	45,60	46,70	50,60	4,36
DLFLA 1000	46,57	51,44	52,83	57,69	4,36
DLFLA 1200	61,85	67,69	69,36	75,20	4,36
DLFLA 1500	69,17	76,45	78,54	85,83	4,36
DLFLA 2000	81,32	91,06	93,83	103,55	4,36

Modello Model	 DLFL10	 DLFL20	 DLFL30	 DLFL40	Testata Endcap TST
	€	€	€	€	€
DLFL 600	36,84	39,76	40,60	43,51	4,36
DLFL 800	41,70	45,60	46,70	50,60	4,36
DLFL 1000	46,57	51,44	52,83	57,69	4,36
DLFL 1200	61,85	67,69	69,36	75,20	4,36
DLFL 1500	69,17	76,45	78,54	85,83	4,36
DLFL 2000	81,32	91,06	93,83	103,55	4,36

MOLT ALL. x 2.2
RAL 9016 x 2.54

Modello Model	 DLFLADW10	 DLFLADW20	 DLFLADW30	 DLFLADW40	PDLFLA	PDLFLAI	PDLFLAEQ	PDLFLAIEQ	Testata Endcap TST26
	€	€	€	€	€	€	€	€	€
DLFLADW 600	47,89	51,68	52,77	56,57	59,91	75,70	70,14	89,79	5,67
DLFLADW 800	54,20	59,28	60,70	65,78	71,07	91,18	85,00	105,11	5,67
DLFLADW 1000	60,55	66,87	68,67	74,99	74,28	97,78	91,31	115,76	5,67
DLFLADW 1200	80,41	88,00	90,17	97,76	77,45	106,23	97,88	126,66	5,67
DLFLADW 1500	89,91	99,38	102,10	111,58	101,55	136,83	127,08	162,36	5,67
DLFLADW 2000	105,72	118,37	121,98	134,62	117,58	161,36	151,61	197,74	5,67

Modello Model	 DLFLDW10	 DLFLDW20	 DLFLDW30	 DLFLDW40	PDLFL	PDLFLI	PDLFLEQ	PDLFLIEQ	Testata Endcap TST26
	€	€	€	€	€	€	€	€	€
DLFLDW 600	47,89	51,68	52,77	56,57	59,91	75,70	70,14	89,79	5,67
DLFLDW 800	54,20	59,28	60,70	65,78	71,07	91,18	85,00	105,11	5,67
DLFLDW 1000	60,55	66,87	68,67	74,99	74,28	97,78	91,31	115,76	5,67
DLFLDW 1200	80,41	88,00	90,17	97,76	77,45	106,23	97,88	126,66	5,67
DLFLDW 1500	89,91	99,38	102,10	111,58	101,55	136,83	127,08	162,36	5,67
DLFLDW 2000	105,72	118,37	121,98	134,62	117,58	161,36	151,61	197,74	5,67

LISTINO PLENUM PER DIFFUSORI LINEARI



ATTACCHI SUPERIORI

1/2/3 FERITOIE H 115

	D.150		
LUNGH.	***N.ATTACCHI***		
	1	***2***	***3***
800	*137*	*156*	*176*
1000	*137*	*156*	*176*
1500	*191*	*210*	*230*
2000	*245*	*265*	*284*

	D.200		
LUNGH.	***N.ATTACCHI***		
	1	***2***	***3***
800	*136*	*160*	*180*
1000	*139*	*160*	*180*
1500	*193*	*214*	*234*
2000	*247*	*268*	*289*



ATTACCHI LATERALI

1/2/3 FERITOIE H 225

	D.150		
LUNGH.	**N.ATTACCHI**		
	1	***2***	***3***
800	*158*	*179*	*202*
1000	*158*	*179*	*202*
1500	*220*	*242*	*265*
2000	*282*	*305*	*327*

	D.200		
LUNGH.	**N.ATTACCHI**		
	1	***2***	***3***
800	*156*	*184*	*207*
1000	*160*	*184*	*207*
1500	*222*	*246*	*269*
2000	*284*	*308*	*332*

VITI PER LINEARI 6x35	***800-100-1500 4 VITI***	*6 €*
	2000 6 VITI	*9 €*



DLAS

Caratteristiche: diffusori lineari a singola feritoia con deflettore, senza cornice con installazione a scomparsa, per installazione a parete o soffitto.

Costruzione: acciaio verniciato nero RAL 9005 (standard).

Impiego: riscaldamento e climatizzazione in ambienti dove si rende necessario nascondere l'elemento di diffusione o si devono creare lame d'aria verticali o orizzontali. Lancio regolabile.

Fissaggio: tramite viti autoforanti sul plenum.

Accessori:
- Plenum in acciaio zincato con imbocco laterale (PDLAS).
- Plenum in acciaio rivestito con isolante sp. 6 mm e con imbocco laterale (PDLASI).
- Kit di continuità (DLASCON).
- Tappi di chiusura (DLAST).

Characteristics: Linear diffuser single slot with deflector, frameless, with concealed installation, for wall or ceiling installation.

Finishing: painted steel. Finish: RAL 9005 (standard).

Utilization: Heating and cooling control in environments where it is necessary to hide the diffusion element or need to create air curtains vertical or horizontal.

Fixing: self drilling screws on plenum.

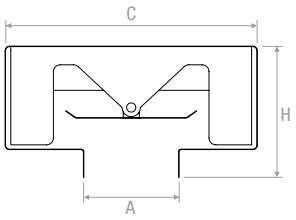
Accessories:
- Galvanized steel plenum with side inlet (PDLAS).
- Galvanized steel insulated plenum with insulating thickness 6 mm and with side inlet (PDLASI).
- Continuity solution kit (DLASCON).
- Closing end caps (DLAST).

MODELLI | MODELS	
DLAS10	Diffusore senza deflettore | Diffuser without deflector
DLAS20	Diffusore con deflettore | Diffuser with deflector
DLAS30	Diffusore senza deflettore e con serranda | Diffuser without deflector and with damper
DLAS40	Diffusore con serranda e deflettor | Diffuser with damper and deflector

VERNICIATURA | PAINTING
Versione RAL 9016 opaco + 20% | Version RAL 9016 matt + 20%

DISEGNI | DRAWINGS

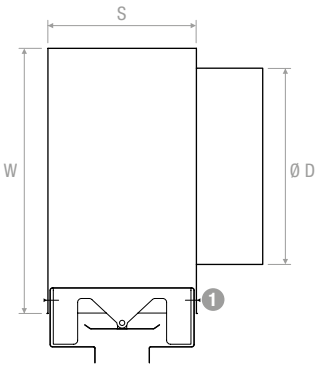
DLAS



Modello | Model	**A**	**C**	**H**
	mm	mm	mm
30	30	110	58
40	40	110	58
60	60	130	78

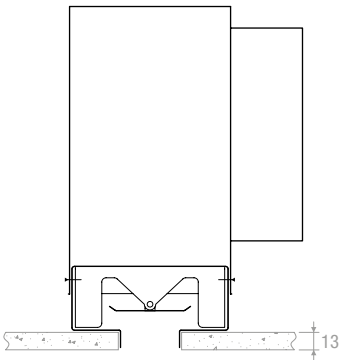
PLENUM | PLENUM

PDLAS/PDLASI



1 **Viti autoforanti** | Self-tapping screws

PDLAS/PDLASI



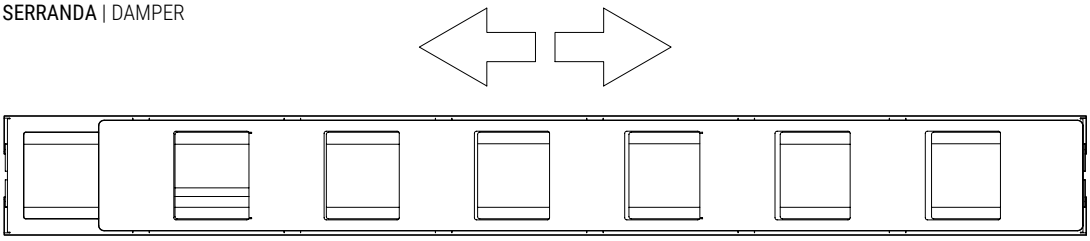
Montaggio a scomparsa su controsoffitto
Concealed mounting on counter ceiling

Modello | Model	**W**	**S**	**ØD**				
	mm	mm	L:500	L:800	L:1000	L:1200	L:1500 mm
30	200	114	1x150	1x150	1x150	2x150	2x150
40	200	114	1x150	1x150	1x150	2x150	2x150
60	200	134	1x150	2x150	2x150	3x150	3x150

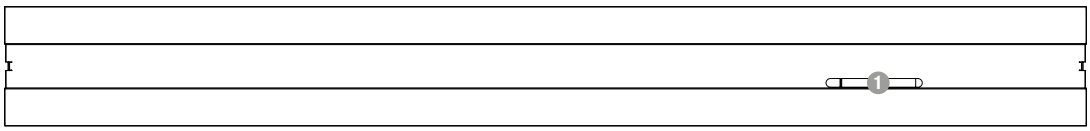
DLAS

ACCESSORI | ACCESSORIES

SERRANDA | DAMPER



Vista superiore del diffusore | Top view of the diffuser

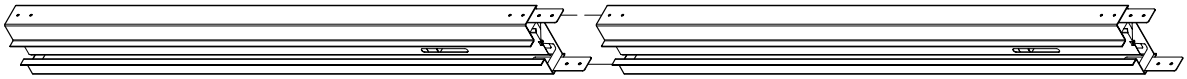


Vista inferiore del diffusore | Botton view of the diffuser

1 Feritoia regolazione serranda | Louver adjustment damper

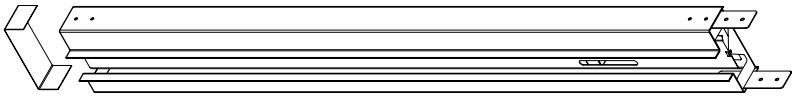
La regolazione della serranda avviene inserendo un cacciavite nella feritoia presente sul deflettore e facendo pressione sul profilo piegato della serranda che scorre longitudinalmente all'interno di guide sulla parte superiore del telaio.
The damper is adjusted by inserting a screwdriver into the baffle in the deflector and pressing the folded profile of the damper that slides longitudinally inside the guides on the upper part of the frame.

DLASCON KIT DI CONTINUITÀ | CONTINUITY SOLUTION KIT



La piastrina di connessione è un accessorio che viene fornito su richiesta nel caso si voglia installare una linea di più diffusori accostati. La piastrina viene inserita nella apposita fessura e fissata con viti autoforanti o rivetti da infilare nei prefori presenti nella piastrina e nel diffusore come si nota dal disegno sopra riportato.
The connection plate is an accessory that is supplied on request in case of wanting to install the diffusers in line of continuity. The plate is inserted into the special slot with self-drilling screws or rivets to be inserted into the pre-holes on the plate and in the diffuser as shown in the drawing above.

DLAST TAPPI DI CHIUSURA | CLOSING END CAPS



Il tappo di chiusura è un accessorio che viene fornito su richiesta per chiudere le parti teminali dei diffusori il tappo viene inserito nella apposita fessura e fissata con viti autoforanti o rivetti da infilare nei prefori presenti nella piastrina e nel diffusore come si nota dal disegno sopra riportato.
The closing cap is an accessory that is supplied on request to close the terminal parts of the diffusers, the cap is inserted into the appropriate slot and fixed with self-drilling screws or rivets in the plate or diffuser as shown in the drawing above.

TABELLA DI SELEZIONE | TECHNICAL DATA

Modello | Model	A_k [m^2]	Q [m^3/h]		L_{WA} [dB(A)]		$X_{(0,25)}$ [m]		Dp_t [Pa]	
		min	max	min	max	min	max	min	max
DLAS30	0.017	95	315	<20	43	1.8	5.2	10	75
DLAS40	0.022	130	420	<20	44	2.5	6.4	10	75
DLAS60	0.038	190	700	<20	47	3.6	9.0	10	75

Dati con serranda completamente aperta L. 1000 mm | Data with calibration damper completely open L. 1000 mm

PREZZI | PRICES

MOLT. x 1.5

stock

Modello | Model	Lunghezza | Lenght	**DLAS10**	**DLAS20**	**DLAS30**	
	mm	€	€	€	
30	**500**	88,06	102,78	122,38	
	800	98,85	113,67	136,12	
	1000	98,85	113,67	136,12	
	1200	123,93	166,38	168,24	
	1500	123,93	166,38	168,24	
40	**500**	88,06	102,78	122,38	
	800	98,85	113,67	136,12	
	1000	98,85	113,67	136,12	
	1200	123,93	166,38	168,24	
	1500	123,93	166,38	168,24	
60	**500**	96,39	105,50	130,95	
	800	108,27	119,12	149,26	
	1000	108,27	119,12	149,26	
	1200	126,56	178,08	173,17	
	1500	126,56	178,08	173,17	

Per lunghezze fuori standard considerare il prezzo della misura superiore maggiorata del 20%
For non-standard lenghts consider the price of the upper size increased by 20%

MOLT. x 1.5

Modello | Testata	€/CD
DLAST30	9,30
DLAST40	9,30
DLAST60	10,28
DLASCON	5,15

LISTINO PLENUM PER DIFFUSORI LINEARI



ATTACCHI SUPERIORI

1/2/3 FERITOIE H 115

	D.150		
LUNGH.	***N.ATTACCHI***		
	1	***2***	***3***
800	*137*	*156*	*176*
1000	*137*	*156*	*176*
1500	*191*	*210*	*230*
2000	*245*	*265*	*284*

	D.200		
LUNGH.	***N.ATTACCHI***		
	1	***2***	***3***
800	*136*	*160*	*180*
1000	*139*	*160*	*180*
1500	*193*	*214*	*234*
2000	*247*	*268*	*289*



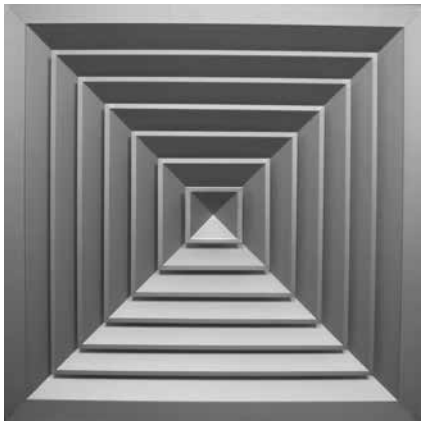
ATTACCHI LATERALI

1/2/3 FERITOIE H 225

	D.150		
LUNGH.	**N.ATTACCHI**		
	1	***2***	***3***
800	*158*	*179*	*202*
1000	*158*	*179*	*202*
1500	*220*	*242*	*265*
2000	*282*	*305*	*327*

	D.200		
LUNGH.	**N.ATTACCHI**		
	1	***2***	***3***
800	*156*	*184*	*207*
1000	*160*	*184*	*207*
1500	*222*	*246*	*269*
2000	*284*	*308*	*332*

VITI PER LINEARI 6x35	***800-100-1500 4 VITI***	*6 €*
	2000 6 VITI	*9 €*



AQNA

Caratteristiche: diffusori multidirezionali a 4 vie con parte centrale asportabile.

Costruzione: alluminio anodizzato.

Impiego: a soffitto, in mandata e ripresa. Altezza di installazione: 2,5-3,1 m.

Fissaggio: a viti nascoste posizionate sul collo del diffusore.

Accessori:
- Plenum in acciaio zincato:
  - Con o senza isolamento.
  - Con o senza equalizzatore.
- Serranda di taratura in acciaio zincato con alette a funzionamento contrapposto.

Characteristics: multi-directional 4-way diffusers with removable central part.

Finishing: anodized aluminium.

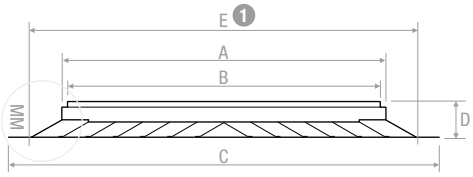
Utilization: for ceiling installation and for air intake and delivery. Installation height: 2,5-3,1 m.

Fixing: by using screws on the diffuser neck.

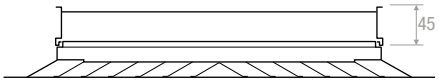
Accessories:
- Galvanized steel plenum:
  - With or without insulation.
  - With or without equalizer sheet.
- Calibration damper made of galvanized steel and opposed blades.

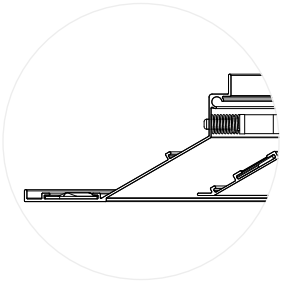
DISEGNI | DRAWINGS

AQNA



AQNA + SNC



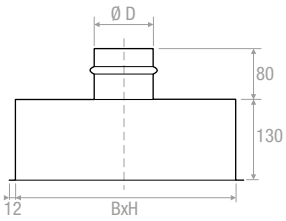


1 E Dimensione foro | E Hole dimension

BxH	A	B	C	D	E
	mm	mm	mm	mm	mm
150x150	144	128	294	50	240x240
225x225	219	203	369	50	315x315
300x300	294	278	444	50	390x390
375x375	369	353	519	50	465x465
450x450	444	428	594	50	540x540
600x600	597	580	745	50	690x690

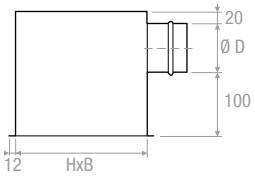
PLENUM | PLENUM

PDZ1

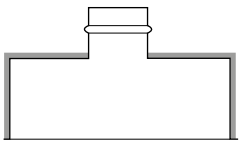


BxH	Ø D
mm	mm
150x150	122
225x225	147
300x300	197
375x375	197
450x450	247
600x600	297

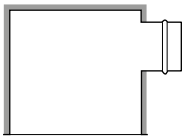
PDZ2



PDZI1



PDZI2

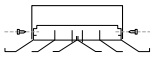


Plenum isolato esternamente spessore 6 mm
Plenum externally insulated thickness 6 mm

AQNA

MONTAGGIO E RACCORDO | MOUNTING AND CONNECTION

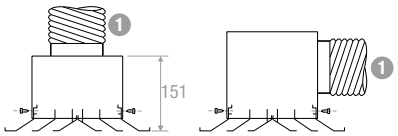
Raccordo sul canale quadrato
Connecting to square duct



Inscatolare il diffusore nel canale.
Fissare il diffusore con viti.
Insert the diffuser into the duct.
Fix the diffuser by screws.

Raccordo sul canale flessibile con plenum
Connecting to flexible duct by plenum

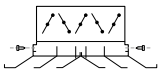
PDZ1 **PDZ2**



Inscatolare il diffusore nel plenum PDZ1 / PDZ2.
Fissare il diffusore con viti.
Insert the diffuser into the plenum PDZ1 / PDZ2.
Fix the diffuser by screws.

Installazione con serranda
Installation with damper

SCN



Possibilità di installare una serranda in ogni configurazione.
Fissare con clips la serranda sul diffusore.
It is possible to install a damper for any configuration.
Fix the damper by clips on the diffuser.

1 **Flessibile** | Flexible

SISTEMA DI SICUREZZA | SAFETY SYSTEM





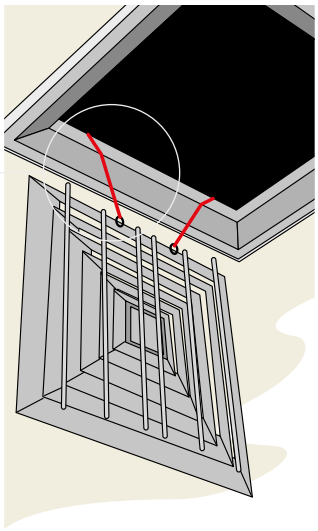


TABELLA DI SELEZIONE | TECHNICAL DATA

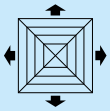
Modello | Model	A_k [m^2]	No. Vie N. way	Q [m^3/h]		L_{WA} [dB(A)]		$X_{(0,25)}$ [m]		Dp_t [Pa]	
			min	max	min	max	min	max	min	max
AQNA 150x150	0,0094	4	100	210	< 20	29	0,80	3,99	10	50
AQNA 225x225	0,0194	4	200	460	< 20	34	0,92	4,61	10	50
AQNA 300x300	0,0332	4	360	810	< 20	39	1,03	5,14	10	50
AQNA 375x375	0,0511	4	570	1270	< 20	42	1,12	5,60	10	50
AQNA 450x450	0,0729	4	830	1850	< 20	45	1,20	6,01	10	50
AQNA 600x600	0,1284	4	1510	3370	24	50	1,35	6,73	10	50

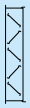
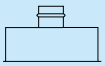
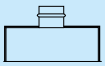
stock

PREZZI | PRICES

MOLT. x 1.31

MOLT. x 1.1





BxH	**AQNA**	Box	Pallet	**SCN**	**PDZ1**	**PDZI1**	**PDZ2**	**PDZI2**
mm	€	Pezzi | Pieces	Pezzi | Pieces	€	€	€	€	€
150x150	28,42	8	240	11,13	27,70	40,24	35,74	49,63
225x225	39,23	8	128	12,73	30,28	44,19	41,47	55,68
300x300	51,41	8	64	20,63	33,15	48,59	49,66	67,08
375x375	58,17	8	48	25,39	47,66	65,40	61,31	86,41
450x450	70,34	8	48	31,75	51,12	70,74	69,64	97,67
600x600	110,93	6	42	50,78	87,32	121,55	112,50	157,14



AQN

Caratteristiche: diffusori multidirezionali a 4 vie con parte centrale asportabile.

Costruzione: alluminio verniciato bianco RAL 9016 opaco.

Impiego: a soffitto, in mandata e ripresa. Altezza di installazione: 2,5-3,1 m.

Fissaggio: a viti nascoste posizionate sul collo del diffusore.

Accessori:
- Plenum in acciaio zincato:
  - Con o senza isolamento.
  - Con o senza equalizzatore.
- Serranda di taratura in acciaio zincato con alette a funzionamento contrapposto.

Characteristics: multi-directional 4-way diffusers with removable central part.

Finishing: varnished aluminium white RAL 9016 matt.

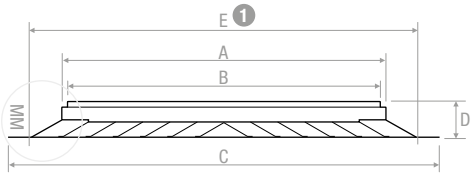
Utilization: for ceiling installation and for air intake and delivery. Installation height: 2,5-3,1 m.

Fixing: by using screws on the diffuser neck.

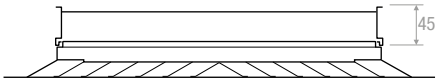
Accessories:
- Galvanized steel plenum:
  - With or without insulation.
  - With or without equalizer sheet.
- Calibration damper made of galvanized steel and opposed blades.

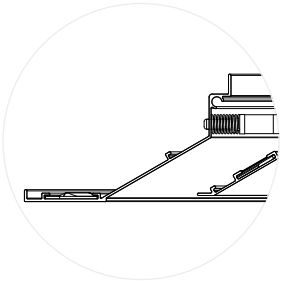
DISEGNI | DRAWINGS

AQN



AQN + SNC



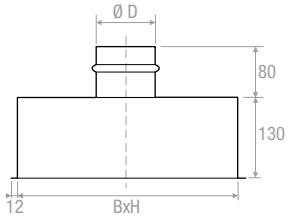


1 E Dimensione foro | E Hole dimension

BxH	A	B	C	D	E
mm	mm	mm	mm	mm	mm
150x150	144	128	294	50	240x240
225x225	219	203	369	50	315x315
300x300	294	278	444	50	390x390
375x375	369	353	519	50	465x465
450x450	444	428	594	50	540x540
600x600	597	580	745	50	690x690

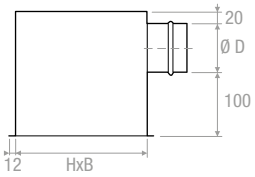
PLENUM | PLENUM

PDZ1

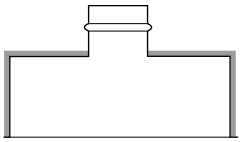


BxH	Ø D
mm	mm
150x150	122
225x225	147
300x300	197
375x375	197
450x450	247
600x600	297

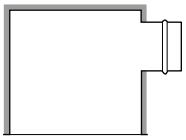
PDZ2



PDZI1



PDZI2

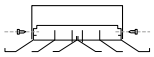


Plenum isolato esternamente spessore 6 mm
Plenum externally insulated thickness 6 mm

AQN

MONTAGGIO E RACCORDO | MOUNTING AND CONNECTION

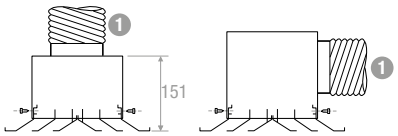
Raccordo sul canale quadrato
Connecting to square duct



Inscatolare il diffusore nel canale.
Fissare il diffusore con viti.
Insert the diffuser into the duct.
Fix the diffuser by screws.

Raccordo sul canale flessibile con plenum
Connecting to flexible duct by plenum

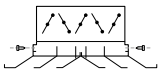
PDZ1 **PDZ2**



Inscatolare il diffusore nel plenum PDZ1 / PDZ2.
Fissare il diffusore con viti.
Insert the diffuser into the plenum PDZ1 / PDZ2.
Fix the diffuser by screws.

Installazione con serranda
Installation with damper

SCN



Possibilità di installare una serranda in ogni configurazione.
Fissare con clips la serranda sul diffusore.
It is possible to install a damper for any configuration.
Fix the damper by clips on the diffuser.

1 **Flessibile** | Flexible

SISTEMA DI SICUREZZA | SAFETY SYSTEM





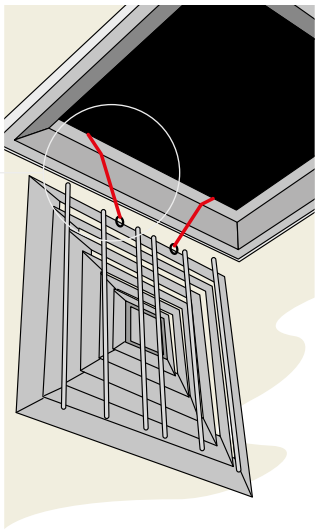


TABELLA DI SELEZIONE | TECHNICAL DATA

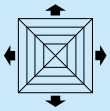
Modello | Model	A_k [m^2]	No. Vie N. way	Q [m^3/h]		L_{WA} [dB(A)]		$X_{(0,25)}$ [m]		Dp_t [Pa]	
			min	max	min	max	min	max	min	max
AQN 150x150	0,0094	4	100	210	< 20	29	0,80	3,99	10	50
AQN 225x225	0,0194	4	200	460	< 20	34	0,92	4,61	10	50
AQN 300x300	0,0332	4	360	810	< 20	39	1,03	5,14	10	50
AQN 375x375	0,0511	4	570	1270	< 20	42	1,12	5,60	10	50
AQN 450x450	0,0729	4	830	1850	< 20	45	1,20	6,01	10	50
AQN 600x600	0,1284	4	1510	3370	24	50	1,35	6,73	10	50

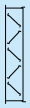
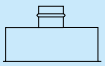
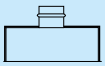
stock

PREZZI | PRICES

MOLT ALL. x 1.31
RAL 9016 x 1.51

MOLT. x1.1





BxH	**AQN**	Box	Pallet	**SCN**	**PDZ1**	**PDZI1**	**PDZ2**	**PDZI2**
mm	€	Pezzi | Pieces	Pezzi | Pieces	€	€	€	€	€
150x150	28,42	8	240	11,13	27,70	40,24	35,74	49,63
225x225	39,23	8	128	12,73	30,28	44,19	41,47	55,68
300x300	51,41	8	64	20,63	33,15	48,59	49,66	67,08
375x375	58,17	8	48	25,39	47,66	65,40	61,31	86,41
450x450	70,34	8	48	31,75	51,12	70,74	69,64	97,67
600x600	110,93	6	42	50,78	87,32	121,55	112,50	157,14



AQNP

Caratteristiche: diffusori multidirezionali a 4 vie su pannello 595x595 con parte centrale asportabile.

Costruzione: lamiera di alluminio in un unico pezzo, verniciato bianco RAL 9016 opaco.

Impiego a soffitto, in mandata e ripresa. Altezza di installazione: 2,5-3,1 m.

Fissaggio: a viti nascoste posizionate sul collo del diffusore.

Accessori:
- Plenum in acciaio zincato:
  - Con o senza isolamento.
  - Con o senza equalizzatore.
- Serranda di taratura in acciaio zincato con alette a funzionamento contrapposto.

Characteristics: multidirection diffuser with 4 ways on 595x595 panel and removable central core.

Finishing: varnished aluminium white RAL 9016 matt.

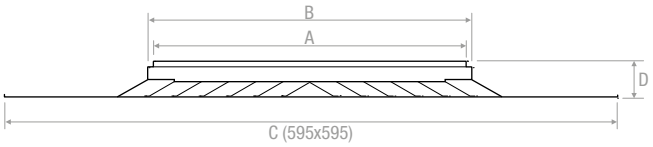
Utilization: for ceiling installation and for air intake and delivery. Installation height: 2,5-3,1 m.

Fixing: by using screws on the diffuser neck.

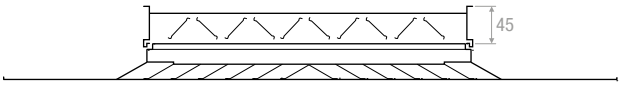
Accessories:
- Galvanized steel plenum:
  - With or without insulation.
  - With or without equalizer sheet.
- Calibration damper made of galvanized steel and opposed blades.

DISEGNI | DRAWINGS

AQNP



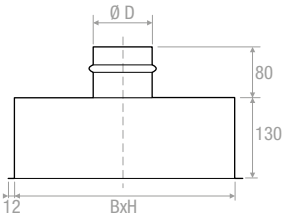
AQNP + SCN



BxH	A	B	C	D
mm	mm	mm	mm	mm
150x150	131	144	595	45
225x225	207	220	595	45
300x300	278	294	595	45
375x375	355	369	595	45

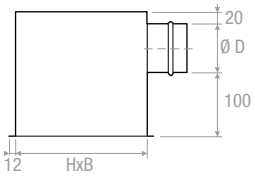
PLENUM | PLENUM

PDZ1

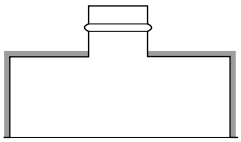


BxH	Ø D
mm	mm
150x150	122
225x225	147
300x300	197
375x375	197

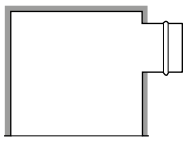
PDZ2



PDZI1



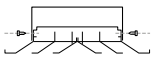
PDZI2



Plenum isolato esternamente spessore 6 mm
Plenum externally insulated thickness 6 mm

MONTAGGIO E RACCORDO | MOUNTING AND CONNECTION

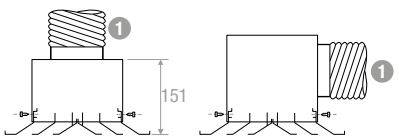
Raccordo sul canale quadrato
Connecting to square duct



Inscatolare il diffusore nel canale.
Fissare il diffusore con viti.
Insert the diffuser into the duct.
Fix the diffuser by screws.

Raccordo sul canale flessibile con plenum
Connecting to flexible duct by plenum

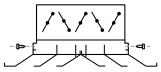
PDZ1 **PDZ2**



Inscatolare il diffusore nel plenum PDZ1 / PDZ2.
Fissare il diffusore con viti.
Insert the diffuser into the plenum PDZ1 / PDZ2.
Fix the diffuser by screws.

Installazione con serranda
Installation with damper

SCN



Possibilità di installare una serranda in ogni configurazione.
Fissare con clips la serranda sul diffusore.
It is possible to install a damper for any configuration.
Fix the damper by clips on the diffuser.

1 Flessibile | Flexible

AQNP

TABELLA DI SELEZIONE | TECHNICAL DATA

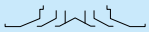
Modello | Model	A_k [m^2]	No. Vie N. way	Q [m^3/h]		L_{WA} [dB(A)]		$X_{(0,25)}$ [m]		Dp_t [Pa]	
			min	max	min	max	min	max	min	max
AQNP 150x150	0,0094	4	100	210	< 20	29	0,80	3,99	10	50
AQNP 225x225	0,0194	4	200	460	< 20	34	0,92	4,61	10	50
AQNP 300x300	0,0332	4	360	810	< 20	39	1,03	5,14	10	50
AQNP 375x375	0,0511	4	570	1270	< 20	42	1,12	5,60	10	50

stock

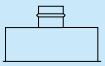
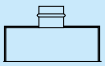
PREZZI | PRICES

MOLT. x 1.31

MOLT. x 1.1







BxH	**AQNP**	Box	Pallet	**SCN**	**PDZ1**	**PDZI1**	**PDZ2**	**PDZI2**
mm	€	Pezzi | Pieces	Pezzi | Pieces	€	€	€	€	€
150x150	96,28	14	84	11,13	27,70	40,24	35,74	49,63
225x225	101,43	14	84	12,73	30,28	44,19	41,47	55,68
300x300	109,65	14	84	20,63	33,15	48,59	49,66	67,08
375x375	114,82	14	84	25,39	47,66	65,40	61,31	86,41



AQ

Caratteristiche: diffusori multidirezionali a 1, 2, 3 e 4 vie con parte centrale asportabile.

Costruzione: alluminio anodizzato.

Impiego: a soffitto, in mandata e ripresa. Altezza di installazione: 2,5-3,2 m.

Fissaggio: a viti nascoste posizionate sul collo del diffusore.

Accessori:
- Plenum in acciaio zincato:
  - Con o senza isolamento.
  - Con o senza equalizzatore.
- Serranda di taratura in acciaio zincato con alette a funzionamento contrapposto.

Characteristics: multi-directional diffusers with 1, 2, 3 and 4 ways and removable central core.

Finishing: anodized aluminium.

Utilization: for ceiling installation and for return air and supply air. Installation height: 2,5-3,2 m.

Fixing: by using screws on the diffuser neck.

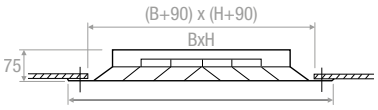
Accessories:
- Galvanized steel plenum:
  - With or without insulation.
  - With or without equalizer sheet.
- Calibration damper made of galvanized steel and opposed blades.

VERNICIATURA | PAINTING

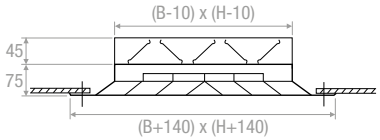
Colori RAL 9016 opaco - 9010 lucido: + 15%. Per altre misure e RAL prezzi su richiesta
RAL 9016 matt - 9010 glossy: + 15%. Other sizes and RAL colors: prices on request

DISEGNI | DRAWINGS

AQ

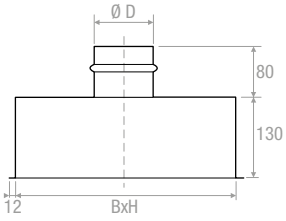


AQ + SC

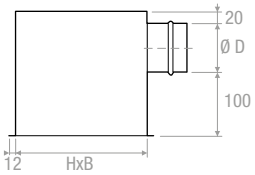


PLENUM | PLENUM

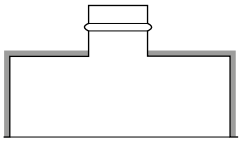
PDZ1



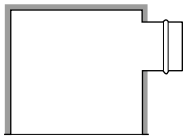
PDZ2



PDZI1



PDZI2

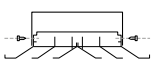


Plenum isolato esternamente spessore 6 mm
Plenum externally insulated thickness 6 mm

BxH	**Ø D**
mm	mm
150x150	122
225x225	147
300x300	197
375x375	197
450x450	247
600x600	297

MONTAGGIO E RACCORDO | MOUNTING AND CONNECTION

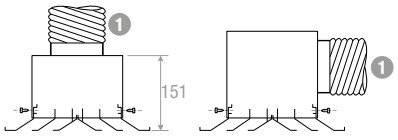
Raccordo sul canale quadrato
Connecting to square duct



Inscatolare il diffusore nel canale.
Fissare il diffusore con viti.
Insert the diffuser into the duct.
Fix the diffuser by screws.

Raccordo sul canale flessibile con plenum
Connecting to flexible duct by plenum

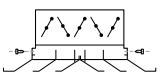
PDZ1 **PDZ2**



Inscatolare il diffusore nel plenum PDZ1 / PDZ2.
Fissare il diffusore con viti.
Insert the diffuser into the plenum PDZ1 / PDZ2.
Fix the diffuser by screws.

Installazione con serranda
Installation with damper

SC



Possibilità di installare una serranda in ogni configurazione.
Fissare con clips la serranda sul diffusore.
It is possible to install a damper for any configuration.
Fix the damper by clips on the diffuser.

1 Flessibile | Flexible

AQ

CONFIGURAZIONI FLUSSI ARIA | AIR FLOW CONFIGURATION

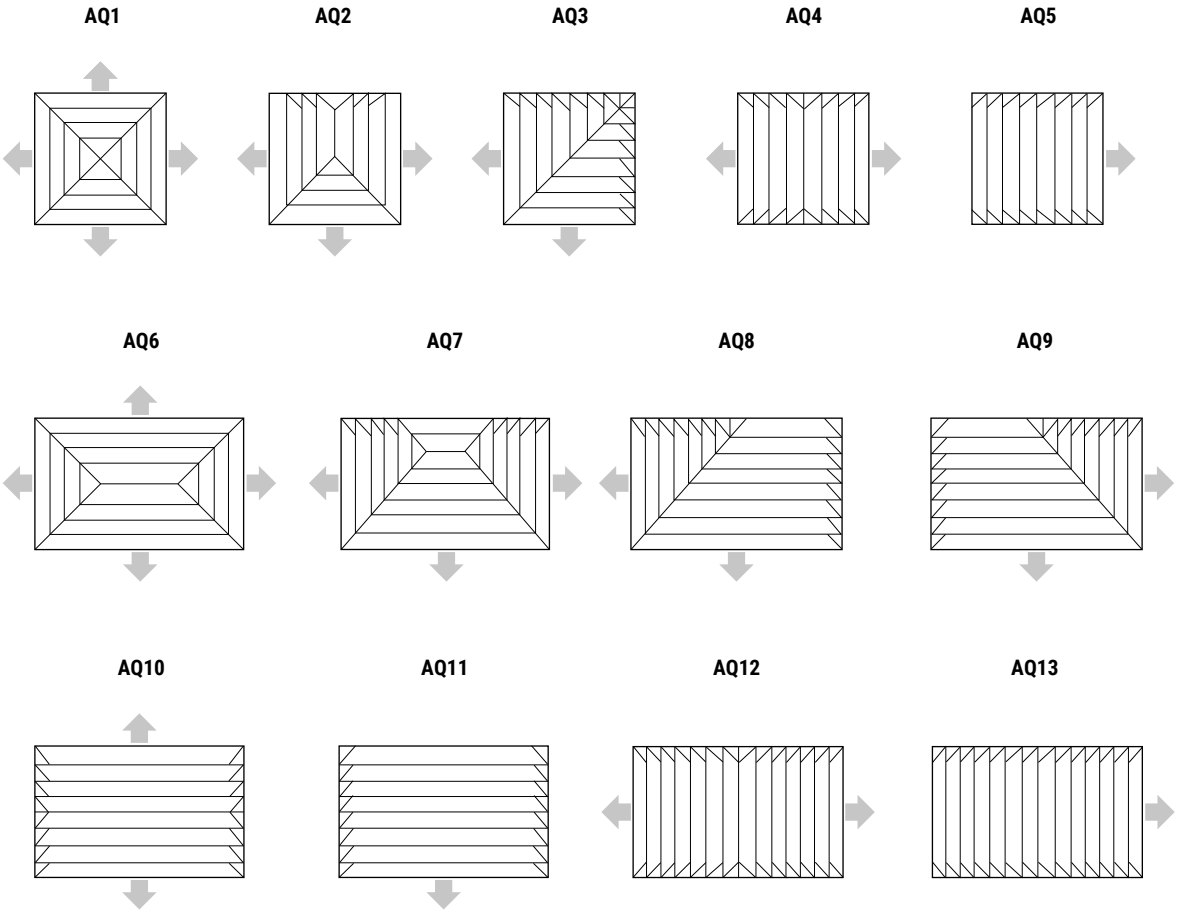


TABELLA DI SELEZIONE | TECHNICAL DATA

Modello | Model	A_k* [m^2]		Q [m^3/h]		L_{WA} [dB(A)]		$X_{(0,25)}$** [m]		Dp_t [Pa]	
	min	max	min	max	min	max	min	max	min	max
AQ 150x150	0,0080	0,0099	130	290	35	53	1,7	3,4	10	50
AQ 225x225	0,0179	0,0214	290	620	35	53	2,5	5,0	10	50
AQ 300x300	0,0317	0,0379	510	1100	35	53	3,2	6,6	10	50
AQ 375x375	0,0494	0,0592	790	1700	35	53	4,0	8,3	10	50
AQ 450x450	0,0711	0,0853	1140	2450	35	53	4,8	10,0	10	50
AQ 525x525	0,0967	0,1161	1550	3320	35	53	5,6	11,6	10	50
AQ 600x600	0,1262	0,1517	2020	4340	35	53	6,4	13,4	10	50
AQ 225x150	0,0120	0,0145	200	420	35	53	2,5	5,2	10	50
AQ 300x150	0,0160	0,0191	260	560	35	53	2,8	5,8	10	50
AQ 375x150	0,0199	0,0237	320	690	35	53	3,1	6,4	10	50
AQ 300x225	0,0238	0,0284	380	830	35	53	3,3	6,9	10	50
AQ 375x225	0,0297	0,0355	480	1030	35	53	3,6	7,6	10	50
AQ 450x225	0,0356	0,0426	570	1230	35	53	3,9	8,3	10	50
AQ 525x225	0,0416	0,0498	670	1430	35	53	4,2	8,8	10	50
AQ 375x300	0,0396	0,0474	640	1370	35	53	4,1	8,7	10	50
AQ 450x300	0,0475	0,0569	760	1640	35	53	4,4	9,4	10	50
AQ 525x300	0,0553	0,0663	890	1910	35	53	4,7	10,0	10	50
AQ 600x300	0,0632	0,0758	1010	2180	35	53	5,0	10,6	10	50
AQ 450x375	0,0593	0,0711	950	2040	35	53	4,9	10,3	10	50
AQ 600x375	0,0790	0,0948	1270	2720	35	53	5,5	11,7	10	50
AQ 600x450	0,0947	0,1137	1520	3260	35	53	6,0	12,7	10	50

***** Dipendente dal tipo e numero di vie del diffusore AQ.
* Depending on kind and ways number of AQ diffuser.

****** Valore indicativo per il modello a 4 vie.
** Indicative value for 4 ways model.

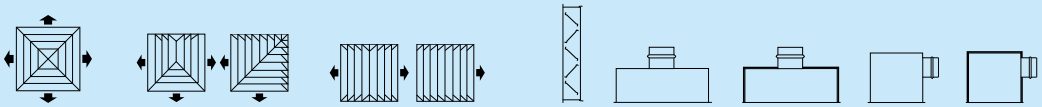
stock

AQ

PREZZI | PRICES

MOLT ALL. x 1.31
RAL 9016 x 1.51

MOLT. x 1.1

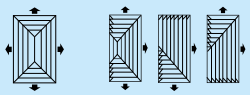


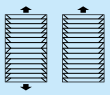
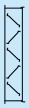
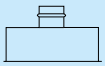
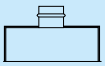
BxH	AQ1	AQ2	AQ3	AQ4	AQ5	SC	PDZ1	PDZI1	PDZ2	PDZI2
mm	€		€		€	€	€	€	€	€
150x150	59,71		67,24		54,36	11,13	27,70	40,24	35,74	49,63
225x225	63,47		73,30		60,47	12,73	30,28	44,19	41,47	55,68
300x300	77,06		87,64		65,00	20,62	33,15	48,59	49,66	67,08
375x375	92,93		109,53		76,92	25,39	47,66	65,40	61,31	86,41
450x450	112,59		126,93		95,17	31,75	51,12	70,74	69,64	97,67
525x525	141,28		154,87		114,82	46,00	63,39	91,43	85,77	122,94
600x600	160,17		178,36		151,10	50,78	87,32	121,55	112,50	157,14

PREZZI | PRICES

MOLT ALL. x 1.31
RAL 9016 x 1.51

MOLT. x 1.1





BxH	AQ6	AQ7 AQ8 AQ9	AQ10 AQ11	AQ12 AQ13	SC	PDZ1	PDZI1	PDZ2	PDZI2
mm	€	€	€	€	€	€	€	€	€
225x150	66,88	78,03	51,55	53,64	12,73	28,93	42,08	37,82	52,87
300x150	73,85	79,42	57,13	59,91	13,48	30,46	44,28	39,80	55,78
375x150	80,81	87,78	61,31	65,48	15,07	31,65	46,14	41,48	58,35
300x225	83,60	90,58	61,31	62,70	15,07	31,95	46,60	43,25	61,06
375x225	89,18	96,15	64,09	65,48	17,26	33,30	48,69	45,26	64,21
450x225	94,75	98,92	66,88	72,46	19,02	46,02	62,71	59,00	82,68
525x225	100,32	103,11	72,46	76,63	21,36	47,37	64,81	61,03	85,80
375x300	96,15	101,72	73,85	78,03	22,24	46,32	63,17	61,16	86,03
450x300	105,91	107,29	78,03	86,39	23,86	47,83	65,49	63,55	89,70
525x300	119,83	119,83	87,78	94,75	26,33	49,32	67,83	68,20	96,89
600x300	130,97	126,80	101,72	103,11	30,16	51,14	70,47	71,11	101,20
450x375	121,23	122,61	84,99	91,96	27,81	49,93	68,60	68,83	97,71
600x375	135,16	150,48	103,11	111,46	34,81	53,24	73,71	74,30	106,14
600x450	154,66	174,17	119,83	126,80	45,94	63,87	91,87	86,26	123,38



AQDPM

Caratteristiche: diffusori multidirezionali a 4 vie su pannello 595x595 / 670x670 mm.

Costruzione: alluminio e acciaio zincato, verniciato bianco RAL 9016 opaco.

Impiego: a soffitto, in mandata e ripresa. Altezza di installazione: 2,5-3,2 m.

Fissaggio: a viti nascoste posizionate sul collo del diffusore.

Accessori:
- Plenum in acciaio zincato:
  - Con o senza isolamento.
  - Con o senza equalizzatore.
- Serranda di taratura in acciaio zincato con alette a funzionamento contrapposto.

Characteristics: multidirectional diffuser with 4 ways on 595x595/ 670x670 mm panel.

Finishing: aluminum and galvanized steel, painted matt white RAL 9016.

Utilization: for ceiling installation and for return air and supply air. Installation height: 2,5-3,2 m.

Fixing: by using screws on the diffuser neck.

Accessories:
- Galvanized steel plenum:
  - With or without insulation.
  - With or without equalizer sheet.
- Calibration damper made of galvanized steel and opposed blades.

MODELLI | MODELS

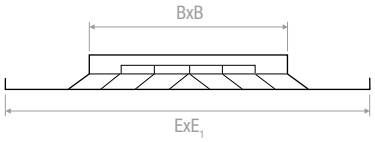
AQDPM600	Diffusore multidirezionale a 4 vie su pannello 595x595 mm Multidirectional diffuser with 4 ways on 595x595 mm panel
AQDPM675	Diffusore multidirezionale a 4 vie su pannello 670x670 mm Multidirectional diffuser with 4 ways on 670x670 mm panel

VERNICIATURA | PAINTING

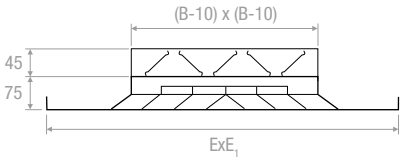
Colori RAL 9010 lucido: + 15%. Per altre misure e RAL prezzi su richiesta
Color RAL 9010 glossy: + 15%. Other sizes and RAL colors: prices on request

DISEGNI | DRAWINGS

AQDPM



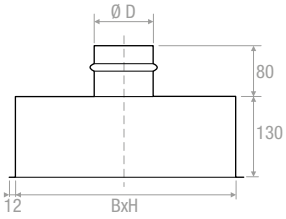
AQDPM + SC



ExE$_1$	595x595 mm
ExE$_1$	670x670 mm

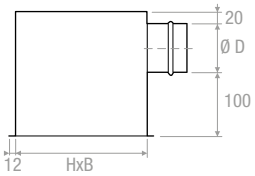
PLENUM | PLENUM

PDZ1

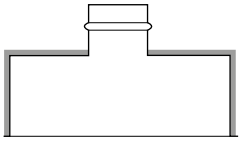


BxH	**Ø D**
mm	mm
150x150	122
225x225	147
300x300	197
375x375	197
450x450	247

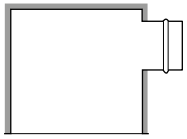
PDZ2



PDZI1



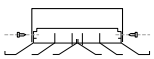
PDZI2



Plenum isolato esternamente spessore 6 mm
Plenum externally insulated thickness 6 mm

MONTAGGIO E RACCORDO | MOUNTING AND CONNECTION

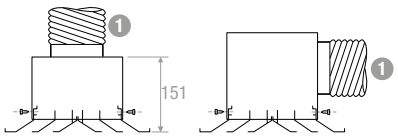
Raccordo sul canale quadrato
Connecting to square duct



Inscatolare il diffusore nel canale.
Fissare il diffusore con viti.
Insert the diffuser into the duct.
Fix the diffuser by screws.

Raccordo sul canale flessibile con plenum
Connecting to flexible duct by plenum

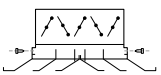
PDZ1 **PDZ2**



Inscatolare il diffusore nel plenum PDZ1 / PDZ2.
Fissare il diffusore con viti.
Insert the diffuser into the plenum PDZ1 / PDZ2.
Fix the diffuser by screws.

Installazione con serranda
Installation with damper

SC

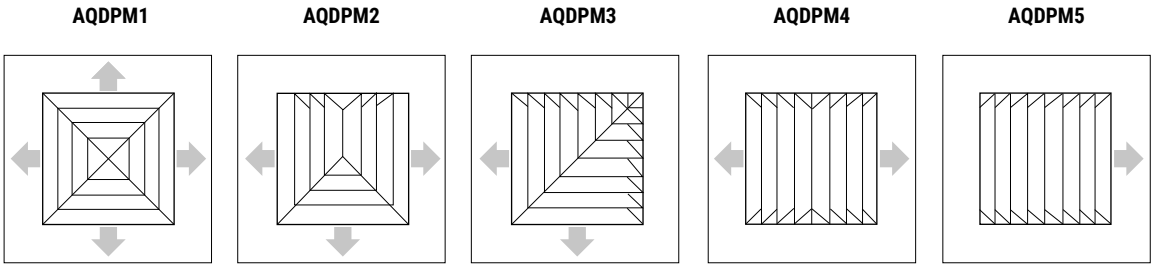


Possibilità di installare una serranda in ogni configurazione.
Fissare con clips la serranda sul diffusore.
It is possible to install a damper for any configuration.
Fix the damper by clips on the diffuser.

1 **Flessibile** | Flexible

AQDPM

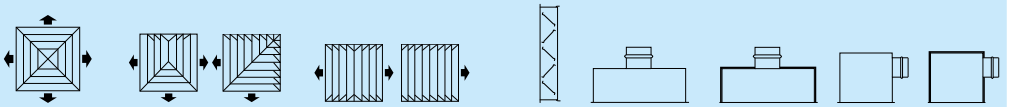
CONFIGURAZIONI FLUSSI ARIA | AIR FLOW CONFIGURATION



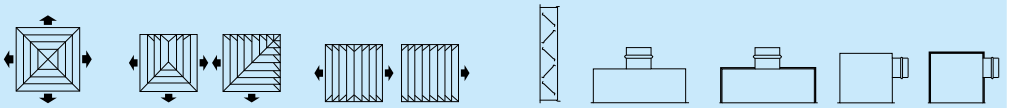
PREZZI | PRICES

MOLT ALL. x 1.31
RAL 9016 x 1.51

MOLT. x 1.1



BxH	AQ1DPM600	AQ2DPM600 AQ3DPM600	AQ4DPM600 AQ5DPM600	SC	PDZ1	PDZI1	PDZ2	PDZI2
mm	€	€	€	€	€	€	€	€
150x150	101,09	106,14	91,46	11,13	27,70	40,24	35,74	49,63
225x225	106,50	111,82	96,36	12,73	30,28	44,19	41,47	55,68
300x300	115,14	120,89	104,17	20,62	33,15	48,59	49,66	67,08
375x375	121,35	138,89	109,08	25,39	47,66	65,40	61,31	86,41



BxH	AQ1DPM675	AQ2DPM675 AQ3DPM675	AQ4DPM675 AQ5DPM675	SC	PDZ1	PDZI1	PDZ2	PDZI2
mm	€	€	€	€	€	€	€	€
150x150	111,20	116,76	100,61	11,13	27,70	40,24	35,74	49,63
225x225	117,15	123,01	105,99	12,73	30,28	44,19	41,47	55,68
300x300	126,64	132,98	114,59	20,62	33,15	48,59	49,66	67,08
375x375	133,49	152,79	119,99	25,39	47,66	65,40	61,31	86,41
450x450	155,13	170,91	135,96	31,75	51,12	70,78	69,64	97,67



AQNT

Caratteristiche: diffusori multidirezionali a 4 vie su pannello 595x595 con parte centrale chiusa.

Costruzione: alluminio verniciato bianco RAL 9016 opaco.

Impiego: a soffitto, in mandata e ripresa. Altezza di installazione: 2,5-3,1 m.

Fissaggio: a viti nascoste posizionate sul collo del diffusore.

Accessori:
- Plenum in acciaio zincato:
  - Con o senza isolamento.
  - Con o senza equalizzatore.
- Serranda di taratura in acciaio zincato con alette a funzionamento contrapposto.

Characteristics: multidirection diffuser with 4 ways on 595x595 panel and closed central part.

Finishing: varnished aluminium, white RAL 9016 matt.

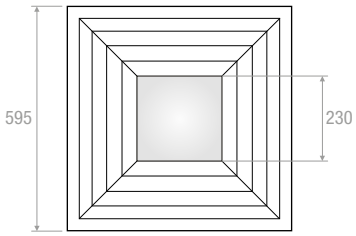
Utilization: for ceiling installation and for air intake and delivery. Installation height: 2,5-3,1 m.

Fixing: by using screws on the diffuser neck.

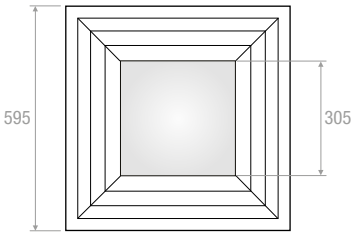
Accessories:
- Galvanized steel plenum:
  - With or without insulation.
  - With or without equalizer sheet.
- Calibration damper made of galvanized steel and opposed blades.

DISEGNI | DRAWINGS

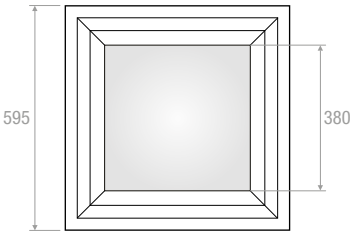
AQNT4 - 4 feritoie | 4 slots



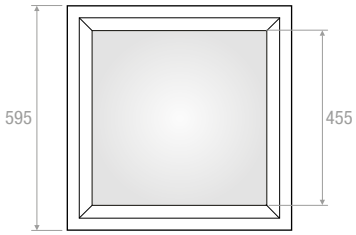
AQNT3 - 3 feritoie | 3 slots



AQNT2 - 2 feritoie | 2 slots

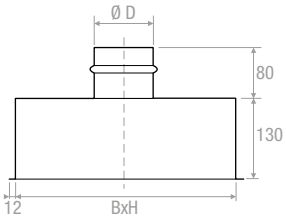


AQNT1 - 1 feritoia | 1 slot

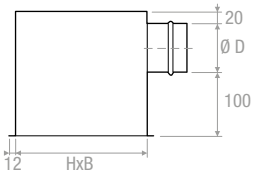


PLENUM | PLENUM

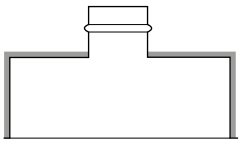
PDZ1



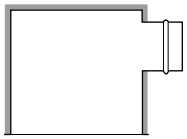
PDZ2



PDZI1



PDZI2

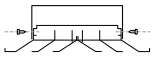


Plenum isolato esternamente spessore 6 mm
Plenum externally insulated thickness 6 mm

AQNT

MONTAGGIO E RACCORDO | MOUNTING AND CONNECTION

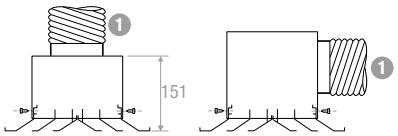
Raccordo sul canale quadrato
Connecting to square duct



Inscatolare il diffusore nel canale.
Fissare il diffusore con viti.
Insert the diffuser into the duct.
Fix the diffuser by screws.

Raccordo sul canale flessibile con plenum
Connecting to flexible duct by plenum

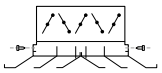
PDZ1 **PDZ2**



Inscatolare il diffusore nel plenum PDZ1 / PDZ2.
Fissare il diffusore con viti.
Insert the diffuser into the plenum PDZ1 / PDZ2.
Fix the diffuser by screws.

Installazione con serranda
Installation with damper

SCN



Possibilità di installare una serranda in ogni configurazione.
Fissare con clips la serranda sul diffusore.
It is possible to install a damper for any configuration.
Fix the damper by clips on the diffuser.

1 **Flessibile** | Flexible

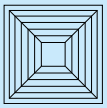
TABELLA DI SELEZIONE | TECHNICAL DATA

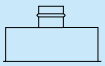
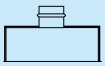
Modello | Model	A_k [m²]	No. Vie N. way	Q [m³/h]		L_{WA} [dB(A)]		$X_{(0,25)}$ [m]		Dp_t [Pa]	
			min	max	min	max	min	max	min	max
AQNT4	0,0698	4	740	1660	< 20	38	1,18	5,88	10	50
AQNT3	0,0631	4	650	1460	< 20	39	1,19	5,97	10	50
AQNT2	0,0542	4	540	1200	< 20	41	1,22	6,10	10	50
AQNT1	0,0438	4	410	920	< 20	43	1,26	6,29	10	50

PREZZI | PRICES

MOLT. x 1.31

MOLT. x 1.1





Model | Model	BxH	AQNT	SCN	PDZ1	PDZI1	PDZ2	PDZI2
	mm	€	€	€	€	€	€
AQNT1	450x450 (595x595 esterno cornice) 450x450 (595x595 overall size)	89,28	31,75	51,12	70,74	69,64	97,67
AQNT2		91,98	31,75	51,12	70,74	69,64	97,67
AQNT3		94,69	31,75	51,12	70,74	69,64	97,67
AQNT4		97,40	31,75	51,12	70,74	69,64	97,67





DCA

Caratteristiche: diffusori ad alette curve ad 1, 2, 3 o 4 direzioni di lancio.

Costruzione: alluminio anodizzato.

Impiego: a soffitto, in mandata. Altezza di installazione: 2,4-3,2 m.

Fissaggio: standard con clips. Con fori a richiesta.

Accessori:
- Plenum in acciaio zincato.
  - Con o senza isolamento.
  - Con o senza equalizzatore.
- Serranda di taratura in acciaio zincato con alette a funzionamento contrapposto.

Characteristics curved blades air diffusers with 1, 2, 3 or 4 throw directions.

Finishing: Anodized aluminium.

Utilization: for ceiling installation and for air delivery. Installation height: 2,4-3,2 m.

Fixing: standard fixing with clips. With through holes on request.

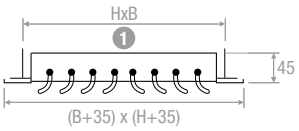
Accessories:
- Galvanized steel plenum:
  - With or without insulation.
  - With or without equalizer sheet.
- Calibration damper made of galvanized steel and opposed blades.

VERNICIATURA | PAINTING

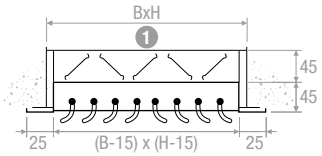
Colori RAL 9016 opaco - 9010 lucido: + 15%. Per altre misure e RAL prezzi su richiesta
RAL 9016 matt - 9010 glossy: + 15%. Other sizes and RAL colors: prices on request

DISEGNI | DRAWINGS

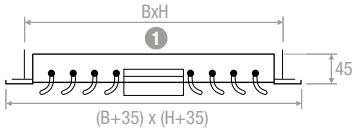
DCAL2



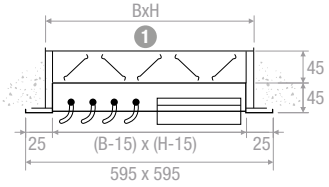
DCAC2 + SC



DCAL4



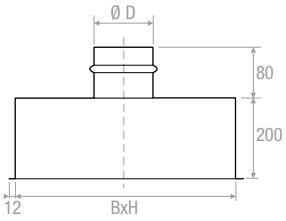
DCAL4Q + SC



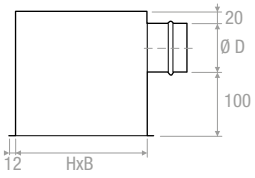
1 **Dimensioni nominali** | Nominal dimension

PLENUM | PLENUM

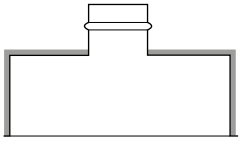
PBZ1



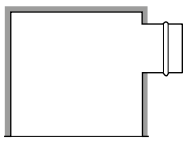
PBZ2



PBZI1



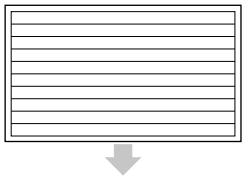
PBZI2



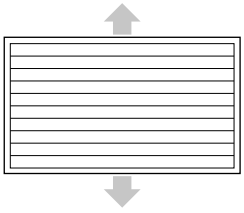
Plenum isolato esternamente spessore 6 mm
Plenum externally insulated thickness 6 mm

CONFIGURAZIONI FLUSSI ARIA | AIR FLOW CONFIGURATION

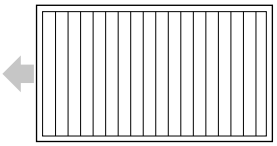
DCAL1



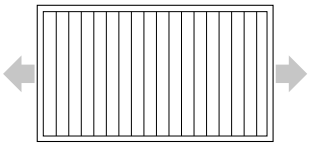
DCAL2



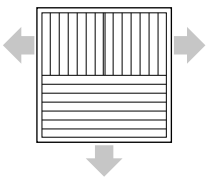
DCAC1



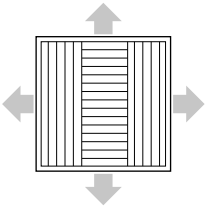
DCAC2



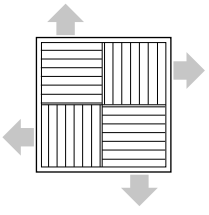
DCAL3



DCAL4



DCAL4Q



DCA

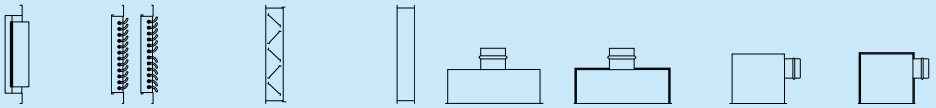
TABELLA DI SELEZIONE | TECHNICAL DATA

Modello | Model	A_k [m^2]	Q [m^3/h]		L_{WA} [dB(A)]		$X_{(0,25)}$-$Y_{(0,25)}$ [m]		Dp_t [Pa]	
		min	max	min	max	min	max	min	max
DCALC12 200x100	0,0068	100	210	29	45	1,7-2,5	4,3-5,3	10	50
DCALC12 300x100	0,0104	150	320	31	48	2,5-3,0	5,1-7,4	10	50
DCALC12 400x100	0,0139	200	440	33	50	3,0-3,8	6,0-9,5	10	50
DCALC12 300x150	0,0157	230	490	34	50	3,2-4,3	6,2-10,3	10	50
DCALC12 500x100	0,0174	250	550	34	51	3,3-4,6	6,6-11,2	10	50
DCALC1 600x100 400x150 300x200	0,0210	300	660	34	51	3,5-5,3	7,2-12,8	10	50
DCALC12 500x150	0,0263	380	820	36	52	3,9-6,5	7,9-15,0	10	50
DCALC12 800x100 400x200	0,0281	410	880	36	53	4,0-6,9	8,2-15,8	10	50
DCALC12 600x150 300x300	0,0316	460	990	37	53	4,2-7,5	8,6-17,2	10	50
DCALC12 500x200	0,0351	510	1100	37	54	4,4-8,1	9,0-18,5	10	50
DCALC12 800x150 600x200 400x300	0,0422	610	1320	38	55	4,8-9,3	9,8-21,1	10	50
DCALC12 1000x150 500x300	0,0528	770	1650	39	56	5,3-11,0	10,9-24,7	10	50
DCALC12 800x200	0,0564	820	1770	40	56	5,5-11,6	11,3-26,0	10	50
DCALC12 600x300	0,0634	920	1990	40	57	5,7-12,6	11,9-28,2	10	50
DCALC12 1000x200	0,0705	1020	2210	41	57	6,0-13,5	12,5-30,4	10	50
DCALC12 800x300	0,0847	1230	2650	42	58	6,5-15,5	13,6-34,5	10	50
DCALC12 1000x300	0,1059	1540	3320	43	59	7,3-18,3	15,1-40,4	10	50
DCALC12 800x400	0,1130	1640	3540	43	60	7,5-19,1	15,6-42,3	10	50
DCALC12 595x595	0,1250	1810	3920	44	60	7,8-20,5	16,3-45,4	10	50
DCALC12 1000x400 800x500	0,1413	2050	4430	44	61	8,3-22,4	17,3-49,4	10	50
DCALC12 1000x500	0,1767	2560	5530	45	62	9,1-26,2	19,2-57,6	10	50
DCAL344Q 300x300	0,0317	460	990	37	53	1,3-2,7	2,7-5,5	10	50
DCAL344Q 400x400	0,0565	820	1770	40	56	1,7-3,4	3,5-7,0	10	50
DCAL344Q 500x500	0,0884	1280	2770	42	58	2,0-4,1	4,3-8,5	10	50
DCAL344Q 595x595	0,1252	1820	3920	44	60	2,4-4,7	4,9-9,9	10	50

PREZZI | PRICES

MOLT. x 1.31
RAL 9016 x 1.51

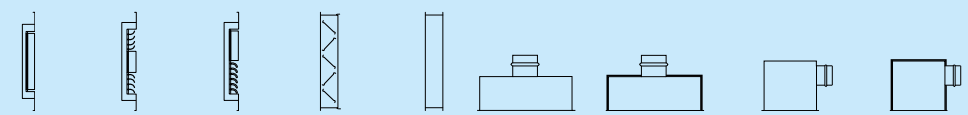
MOLT. x 1.1



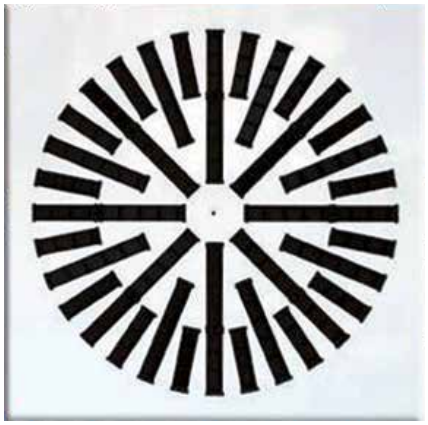
BxH	DCAL1/2	DCAC1/2	SC	CT	PBZ1	PBZI1	PBZ2	PBZI2
mm	€	€	€	€	€	€	€	€
200x100	26,46	28,71	11,12	6,25	27,64	40,12	27,99	40,63
300x100	27,96	30,22	11,91	6,25	29,15	42,41	29,58	43,07
400x100	30,22	34,90	12,68	6,95	38,40	52,87	32,50	47,59
500x100	32,50	35,52	15,45	7,68	39,87	55,15	34,35	50,45
600x100	34,76	37,77	17,46	8,34	41,36	57,43	36,18	53,30
800x100	46,39	50,33	22,58	10,01	44,31	62,00	42,29	62,71
300x150	39,30	42,32	13,48	6,95	30,46	44,28	32,14	46,90
400x150	41,57	45,35	15,86	7,64	32,07	46,77	34,14	49,96
500x150	43,82	47,62	18,24	9,17	41,46	57,43	37,85	55,72
600x150	44,59	49,12	20,63	10,01	43,07	59,91	40,09	59,17
800x150	59,46	65,48	26,16	11,40	57,65	76,82	55,94	78,03
1000x150	74,32	81,78	31,20	12,93	68,96	90,29	63,77	90,00
300x200	41,57	45,35	17,46	7,64	31,76	46,16	33,64	49,06
400x200	44,59	49,12	19,03	8,82	33,49	48,85	37,37	54,80
500x200	49,87	54,41	22,22	10,01	35,23	51,52	39,73	58,47
600x200	54,42	59,70	25,40	10,72	56,45	74,66	53,78	74,41
800x200	64,23	70,23	30,96	12,93	59,94	80,03	61,20	85,83
1000x200	81,73	89,64	34,12	14,44	63,42	85,40	69,68	98,91
300x300	57,44	64,23	20,63	9,17	34,09	49,58	37,93	55,54
400x300	61,95	67,99	25,40	10,72	48,37	65,58	52,87	72,52
500x300	67,25	73,31	27,78	12,22	50,38	68,68	57,65	79,89
600x300	73,31	80,84	30,16	12,93	60,16	79,94	60,54	84,37
800x300	80,84	89,17	36,51	15,29	72,71	101,07	77,81	112,77
1000x300	89,16	97,47	43,65	17,38	77,35	107,92	88,22	128,53
800x400	95,10	103,87	44,44	17,26	85,17	115,80	94,63	134,24
1000x400	110,32	121,67	52,36	19,73	101,08	137,70	117,10	166,29
800x500	110,32	121,67	52,36	19,04	99,86	135,84	114,19	161,82
1000x500	137,53	152,01	65,86	21,28	104,95	143,68	122,46	170,74
595x595 esterno cornice overall size	89,17	89,17	50,78	18,20	67,72	96,90	83,81	121,77

MOLT. x 1.31
RAL 9016 x 1.51

MOLT. x 1.1



BxH	DCAL3	DCAL4	DCAL4Q	SC	CT	PBZ1	PBZI1	PBZ2	PBZI2
mm	€	€	€	€	€	€	€	€	€
300x300	84,99	86,10	94,46	20,63	9,17	34,09	49,58	37,93	55,54
400x400	117,05	100,32	112,59	28,43	12,22	51,28	69,74	58,54	80,96
500x500	160,23	124,72	136,56	42,82	15,29	64,60	92,07	76,31	110,17
595x595 esterno cornice overall size	194,09	136,56	150,35	50,78	18,20	67,72	96,90	83,81	121,77



BQE1

Caratteristiche: diffusori a flusso elicoidale con getti regolabili.

Costruzione: acciaio verniciato bianco RAL 9016 opaco, deflettori in polipropilene nero RAL 9005.

Impiego: a soffitto, in mandata e ripresa (senza deflettori). Altezza di installazione: 2,5-4,1 m.

Fissaggio: con viti laterali o a mezzo vite centrale su ponte di montaggio.

Accessori:
Plenum in acciaio zincato:
• Con o senza isolamento.
• Con o senza equalizzatore.
• Con o senza serranda di regolazione.
• Con o senza ponte di fissaggio.

Characteristics: swirl diffusers with adjustable throws.

Finishing: RAL 9016 white matt painted steel, deflection blades are made of polypropylene RAL 9005 black.

Utilization: For ceiling installation. For return air (without deflectors) or supply air. Installation height: 2,5-4,1 m.

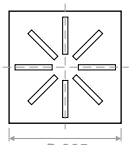
Fixing: by using lateral screws or central screw on mounting bridge.

Accessories:
Galvanized steel plenum box:
• With or without insulation.
• With or without air equalizer.
• With or without damper.
• With or without mounting bridge.

DISEGNI | DRAWINGS

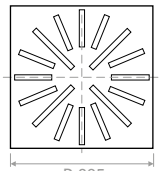
BQE1QR

8 Feritoie | Slots



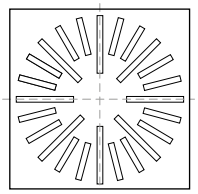
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16 Feritoie | Slots



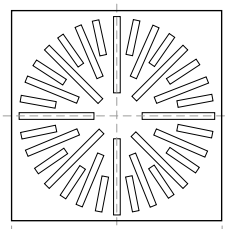
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24 Feritoie | Slots



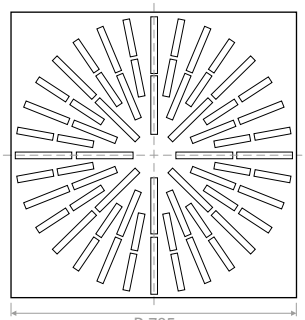
D 495

40 Feritoie | Slots



D 595,620

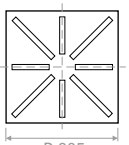
64 Feritoie | Slots



D 795

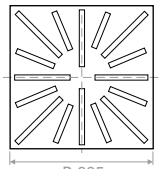
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8 Feritoie | Slots



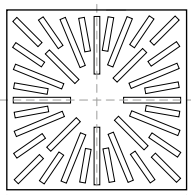
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16 Feritoie | Slots



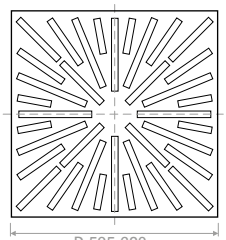
D 395

36 Feritoie | Slots



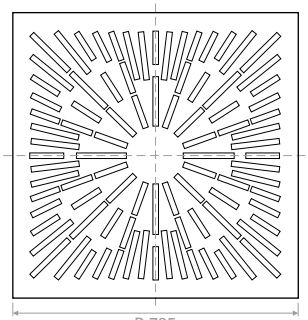
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48 Feritoie | Slots



D 595,620

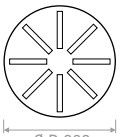
92 Feritoie | Slots



D 795

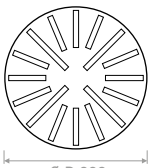
BQE1RR

8 Feritoie | Slots



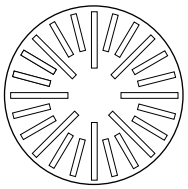
Ø D 308

16 Feritoie | Slots



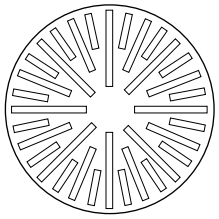
Ø D 398

24 Feritoie | Slots



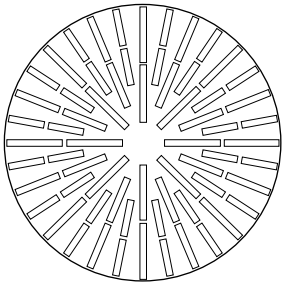
Ø D 498

40 Feritoie | Slots



Ø D 598,623

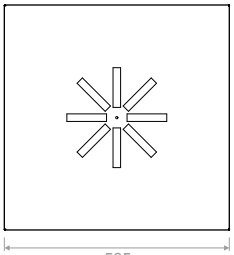
64 Feritoie | Slots



Ø D 798

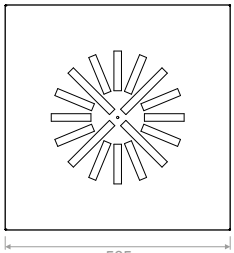
BQE1QR VERSIONE SU PANNELLO | PANEL VERSION

8 Feritoie | Slots



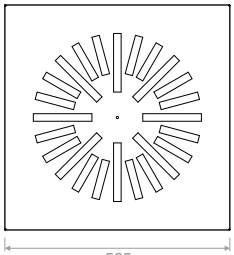
595

16 Feritoie | Slots



595

24 Feritoie | Slots

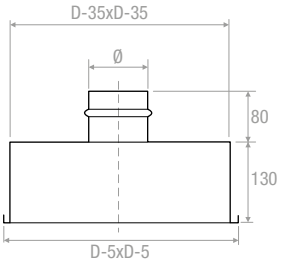


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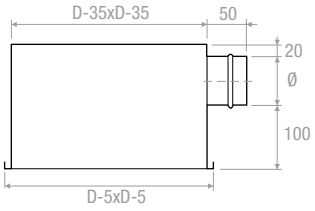
BQE1

PLENUM | PLENUM

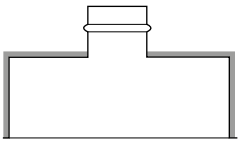
PQZ1



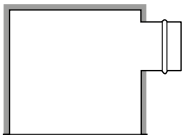
PQZ2



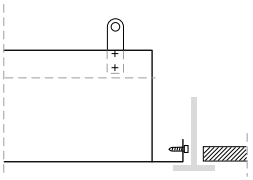
PQZI1



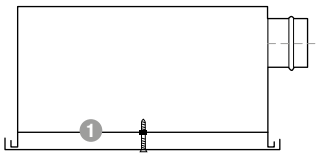
PQZI2



Plenum isolato esternamente spessore 6 mm
Plenum externally insulated thickness 6 mm

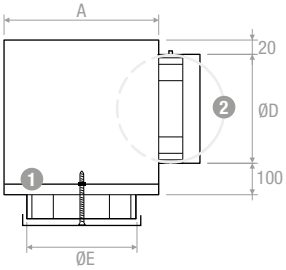


Particolare montaggio
Assembly detail

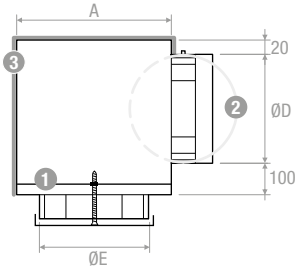


1 Ponte di fissaggio | Mounting bridge

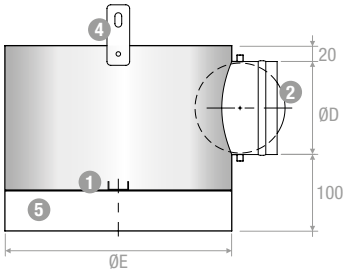
PDCQ2



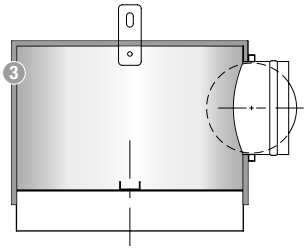
PDCQI2



PDCC2



PDCCI2



1 Ponte di fissaggio | Mounting bridge
2 Serranda (a richiesta) | Damper (on request)
3 Isolamento | Insulation
4 Staffe di fissaggio | Support brackets
5 Equalizzatore | Air equalizer

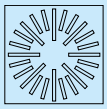
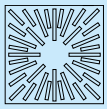
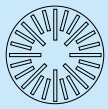
TABELLA DI SELEZIONE | TECHNICAL DATA

Modello | Model	A_k [m^2]	Q [m^3/h]		L_{WA} [dB(A)]		$X_{(0,20)}$ [m]		Dp_t [Pa]	
		min	max	min	max	min	max	min	max
BQE1QRR 310	0,0128	130	290	24	41	1,3	2,9	10	50
BQE1QRR 400	0,0223	230	490	24	41	1,8	3,8	10	50
BQE1QRR 500	0,0361	360	800	24	41	2,2	4,8	10	50
BQE1QRR 600	0,0536	540	1180	24	41	2,7	5,8	10	50
BQE1QRR 625	0,0536	540	1180	24	41	2,7	5,8	10	50
BQE1QRR 825	0,1081	1080	2360	24	40	3,8	8,2	10	50
BQE1QQ 310	0,0185	270	530	30	50	2,3	4,5	10	50
BQE1QQ 400	0,0315	460	890	30	49	3,0	5,7	10	50
BQE1QQ 500	0,0500	720	1390	30	49	3,7	7,1	10	50
BQE1QQ 600	0,0729	1040	2010	30	48	4,4	8,5	10	50
BQE1QQ 625	0,0729	1040	2010	30	48	4,4	8,5	10	50
BQE1QQ 800	0,1425	1990	3850	29	48	6,0	11,7	10	50
BQE1QRR 310 600 8	0,0128	130	290	24	41	1,3	2,9	10	50
BQE1QRR 400 600 16	0,0223	230	490	24	41	1,8	3,8	10	50
BQE1QRR 500 600 24	0,0361	360	800	24	41	2,2	4,8	10	50

PREZZI | PRICES

MOLT. x 1.31

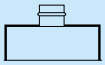
stock

	Ø D	D	BQE1QR	BQE1QQ	BQE1RR
mm	mm	mm	€	€	€
310	308	305x305	31,09	37,62	36,22
400	398	395x395	45,95	54,36	52,94
500	498	495x495	62,17	73,85	72,46
600	598	595x595	72,99	84,99	83,60
625	623	620x620	79,73	94,75	91,96
800	798	795x795	132,46	156,05	153,28
310/600	598	595x595	62,57	72,87	71,68
400/600	598	595x595	65,86	76,70	75,45
500/600	598	595x595	69,34	80,73	79,42

MOLT. x 1.1

PLENUM BQE1 QR / BQE1 QQ



AxB	Attacco Spigot	PQZ1	PQZI1	PQZ2	PQZI2	Serranda Damper	Equalizzatore Equalizer	Ponte di fissaggio Mounting bridge
mm	Ø mm	€	€	€	€	€	€	€
310	123	40,53	51,81	44,81	71,20	17,15	9,68	9,32
400	148	49,33	65,48	56,01	82,97	17,15	11,07	9,32
500	198	53,45	71,71	64,42	99,35	17,54	18,18	10,40
600	248	66,41	87,55	82,83	117,81	18,04	25,74	10,97
625	298	81,58	106,98	101,89	137,93	18,66	26,42	11,52
800	348	109,44	144,44	140,92	197,66	19,34	39,67	13,16

PLENUM BQE1 RR




Ø	Plenum zincato | Galvanized plenum			PDCQ2	PDCQI2	Serranda Damper	Equalizzatore Equalizer	Ponte di fissaggio Mounting bridge
	AxA	Ø D	Ø E					
mm	mm	mm	mm	€	€	€	€	€
308	400	123	300	70,06	89,59	17,15	9,68	9,32
398	500	148	390	83,39	107,04	17,15	11,07	9,32
498	600	198	490	109,15	138,75	17,54	18,18	10,40
598	700	248	590	158,44	201,53	18,04	25,74	10,97
623	700	298	615	164,39	209,22	18,66	26,42	11,52
798	900	348	790	225,54	368,07	19,34	39,67	13,16

PLENUM BQE1 RR




Ø	Plenum zincato | Galvanized plenum		PDCC2	PDCCI2	Serranda Damper	Equalizzatore Equalizer	Ponte di fissaggio Mounting bridge
	Ø D	Ø E					
mm	mm	mm	€	€	€	€	€
308	123	300	87,74	134,93	17,15	20,28	10,04
398	148	390	108,07	162,33	17,15	27,90	10,64
498	198	490	133,41	196,81	17,54	35,51	11,28
598	248	590	166,40	240,48	18,04	46,19	11,87
623	298	615	188,20	276,46	18,66	49,73	12,79
798	348	790	256,69	373,37	19,34	76,58	14,07



BQE3

Caratteristiche: diffusori a flusso elicoidale con getti regolabili.

Costruzione: acciaio verniciato bianco RAL 9016 opaco, deflettori in polipropilene nero RAL 9005.

Impiego a soffitto, in mandata e ripresa (senza deflettori). Altezza di installazione: 2,5-4,1 m.

Fissaggio: con viti laterali o a mezzo vite centrale su ponte di montaggio.

Accessori:
Plenum in acciaio zincato:
• Con o senza isolamento.
• Con o senza equalizzatore.
• Con o senza serranda di regolazione.
• Con o senza ponte di fissaggio.

Characteristics: swirl diffusers with adjustable throws.

Finishing: RAL 9016 white matt painted steel, deflection blades are made of polypropylene RAL 9005 black.

Utilization: for ceiling installation. For return air (without deflectors) or supply air. Installation height: 2,5-4,1 m.

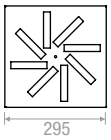
Fixing: by using lateral screws or central screw on mounting bridge.

Accessories:
Galvanized steel plenum:
• With or without insulation.
• With or without air equalizer.
• With or without damper.
• With or without mounting bridge.

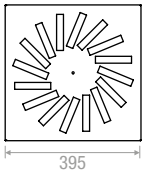
DISEGNI | DRAWINGS

BQE3Q

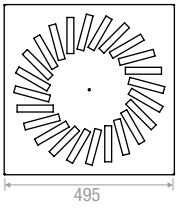
8 Feritoie | Slots



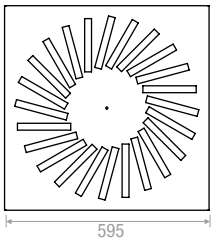
16 Feritoie | Slots



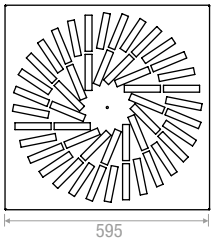
24 Feritoie | Slots



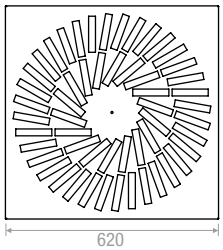
24 Feritoie | Slots



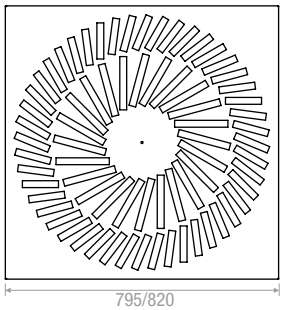
48 Feritoie | Slots



54 Feritoie | Slots

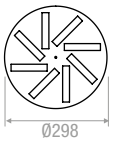


72 Feritoie | Slots

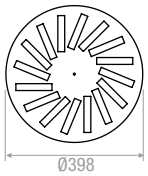


BQE3R

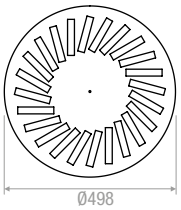
8 Feritoie | Slots



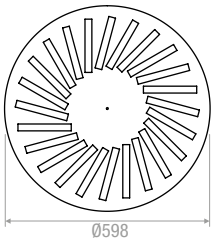
16 Feritoie | Slots



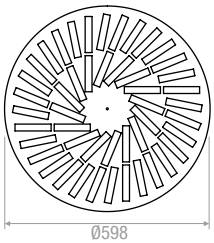
24 Feritoie | Slots



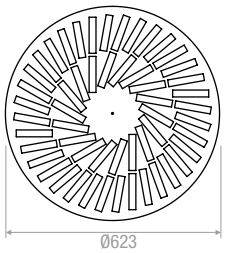
24 Feritoie | Slots



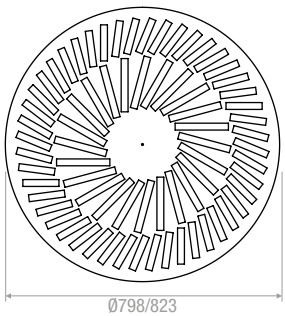
48 Feritoie | Slots



54 Feritoie | Slots

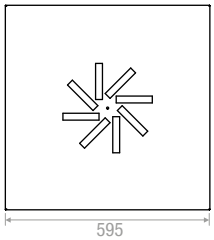


72 Feritoie | Slots

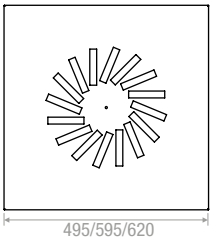


BQE3QR VERSIONE SU PANNELLO | PANEL VERSION

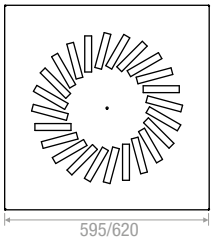
8 Feritoie | Slots



16 Feritoie | Slots



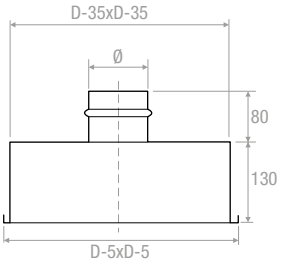
24 Feritoie | Slots



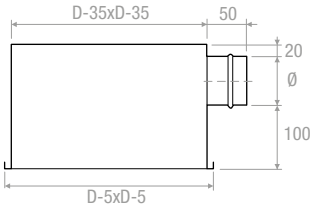
BQE3

PLENUM | PLENUM

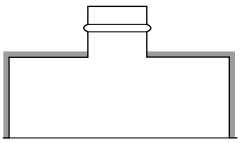
PQZ1



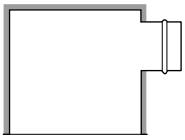
PQZ2



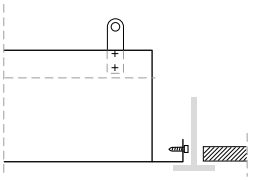
PQZI1



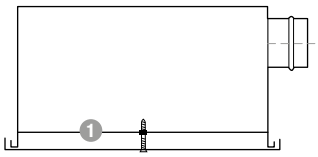
PQZI2



Plenum isolato esternamente spessore 6 mm
Plenum externally insulated thickness 6 mm

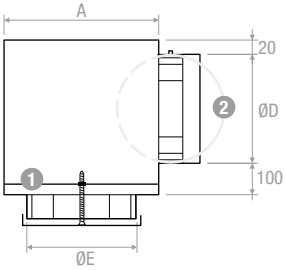


Particolare montaggio
Assembly detail

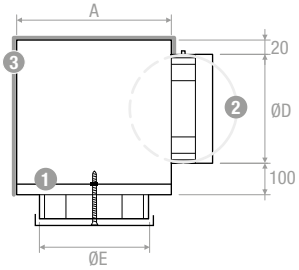


1 Ponte di fissaggio | Mounting bridge

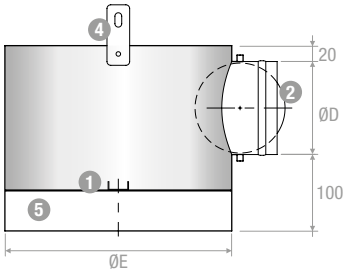
PDCQ2



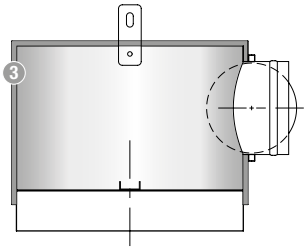
PDCQI2



PDCC2



PDCCI2



1 Ponte di fissaggio | Mounting bridge
2 Serranda (a richiesta) | Damper (on request)
3 Isolamento | Insulation
4 Staffe di fissaggio | Support brackets
5 Equalizzatore | Air equalizer

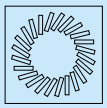
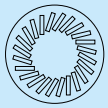
TABELLA DI SELEZIONE | TECHNICAL DATA

Modello | Model	A_k [m²]	Q [m³/h]		L_{WA} [dB(A)]		$X_{(0,20)}$ [m]		Dp_t [Pa]	
		min	max	min	max	min	max	min	max
BQE3QR 300x8	0,0095	150	300	32	54	1,8	3,5	10	50
BQE3QR 400x16	0,0189	270	520	30	48	2,2	4,3	10	50
BQE3QR 500x16	0,0189	270	520	30	48	2,2	4,3	10	50
BQE3QR 600x16	0,0189	270	520	30	48	2,2	4,3	10	50
BQE3QR 625x16	0,0189	270	520	30	48	2,2	4,3	10	50
BQE3QR 500x24	0,0284	370	720	28	45	2,5	4,9	10	50
BQE3QR 600x24	0,0449	530	1040	26	42	2,9	5,6	10	50
BQE3QR 625x24	0,0449	530	1040	26	42	2,9	5,6	10	50
BQE3QR 600x48	0,0568	640	1260	26	41	3,1	6,1	10	50
BQE3QR 625x54	0,0639	710	1380	25	40	3,2	6,3	10	50
BQE3QR 800x72	0,1017	1030	2010	24	37	3,7	7,2	10	50
BQE3QR 825x72	0,1017	1030	2010	24	37	3,7	7,2	10	50

PREZZI | PRICES

MOLT. x 1.31

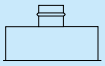
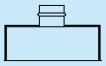
stock

	Ø D	D	BQE3Q	BQE3R
mm	mm	mm	€	€
300x8	298	295x295	31,09	36,22
400x16	398	395x395	43,26	51,55
500x16	498	495x495	54,07	62,70
600x8	598	595x595	55,42	64,09
600x16	598	595x595	55,42	64,09
625x16	623	620x620	68,93	79,42
500x24	498	495x495	62,17	72,46
600x24	598	595x595	64,87	73,85
625x24	623	620x620	75,69	87,78
600x48	598	595x595	79,74	93,35
625x54	623	620x620	91,90	107,29
800x72	798	795x795	136,51	158,84
825x72	823	820x820	139,21	161,62

MOLT. x 1.1

PLENUM BQE3Q



AxB	Attacco Spigot	PQZ1	PQZI1	PQZ2	PQZI2	Serranda Damper	Equalizzatore Equalizer	Ponte di fissaggio Mounting bridge
mm	Ø mm	€	€	€	€	€	€	€
300	123	40,53	51,81	44,81	71,20	17,15	9,68	9,32
400	148	49,33	65,48	56,01	82,97	17,15	11,07	9,32
500	198	53,45	71,71	64,42	99,35	17,54	18,18	10,40
600	248	66,41	87,55	82,83	117,81	18,04	25,74	10,97
625	298	81,58	106,98	101,89	137,93	18,66	26,42	11,52
800	348	109,44	144,44	140,92	197,66	19,34	39,67	13,16
825	348	109,44	144,44	140,92	197,66	19,34	40,58	13,16

PLENUM BQE3R

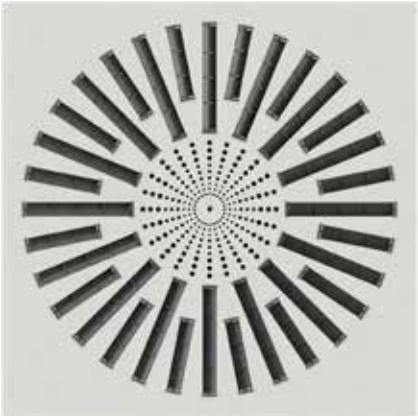



Ø	Plenum zincato | Galvanized plenum			PDCQ2	PDCQI2	Serranda Damper	Equalizzatore Equalizer	Ponte di fissaggio Mounting bridge
	A	Ø D	Ø E					
mm	mm	mm	mm	€	€	€	€	€
298	400	123	300	70,06	89,59	17,15	9,68	9,32
398	500	148	390	83,39	107,04	17,15	11,07	9,32
498	600	198	490	109,15	138,75	17,54	18,18	10,40
598	700	248	590	158,44	201,53	18,04	25,74	10,97
623	700	298	615	164,39	209,22	18,66	26,42	11,52
798	900	348	790	225,54	368,07	19,34	39,67	13,16

PLENUM BQE3R




Ø	Plenum zincato | Galvanized plenum		PDCC2	PDCCI2	Serranda Damper	Equalizzatore Equalizer	Ponte di fissaggio Mounting bridge
	Ø D	Ø E					
mm	mm	mm	€	€	€	€	€
298	123	300	87,74	134,93	17,15	20,28	10,04
398	148	390	108,07	162,33	17,15	27,90	10,64
498	198	490	133,41	196,81	17,54	35,51	11,28
598	248	590	166,40	240,48	18,04	46,19	11,87
623	298	615	188,20	276,46	18,66	49,73	12,79
798	348	790	256,69	373,37	19,34	76,58	14,07



BQM1

Caratteristiche: diffusori a flusso elicoidale misto con getti regolabili.

Costruzione: acciaio verniciato bianco RAL 9016 opaco, deflettori in polipropilene nero RAL 9005.

Impiego: A soffitto, in mandata e ripresa (senza deflettori). Altezza di installazione: 2,5-4,1 m.

Fissaggio: con viti laterali o a mezzo vite centrale su ponte di montaggio.

Accessori:
Plenum in acciaio zincato:
• Con o senza isolamento.
• Con o senza equalizzatore.
• Con o senza serranda di regolazione.
• Con o senza ponte di fissaggio.

Characteristics: swirl mixed diffusers with adjustable throws.

Finishing: RAL 9016 white matt painted steel, deflection blades are made of polypropylene RAL 9005 black.

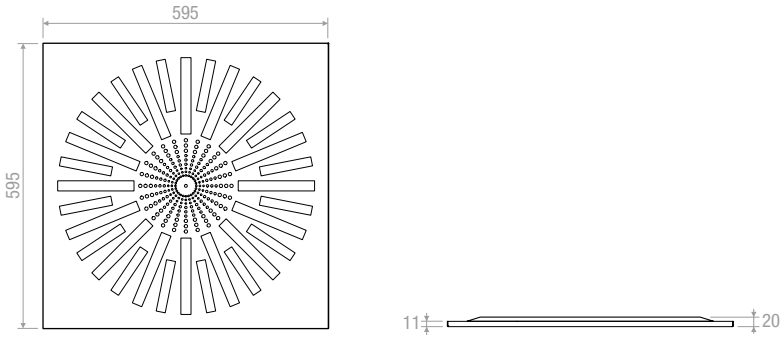
Utilization: For ceiling installation. For return air (without deflectors) or supply air. Installation height: 2,5-4,1 m.

Fixing: by using lateral screws or central screw on mounting bridge.

Accessories:
Galvanized steel plenum:
• With or without insulation.
• With or without air equalizer.
• With or without damper.
• With or without mounting bridge.

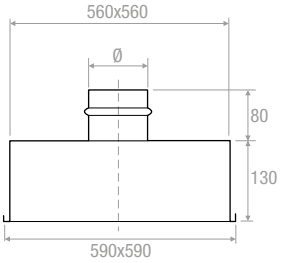
DISEGNI | DRAWINGS

BQM1

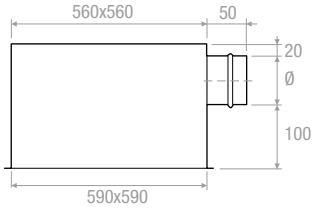


PLENUM | PLENUM

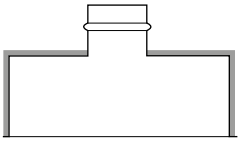
PQZ1



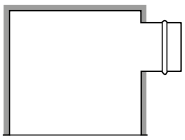
PQZ2



PQZI1



PQZI2



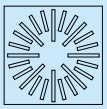
Plenum isolato esternamente spessore 6 mm
Plenum externally insulated thickness 6 mm

TABELLA DI SELEZIONE | TECHNICAL DATA

Modello | Model	A_k [m²]	Q [m³/h]		L_{WA} [dB(A)]		$X_{(0,20)}$ [m]		Dp_t [Pa]	
		min	max	min	max	min	max	min	max
BQM1	0,0643	490	1060	24	41	2,1	4,5	10	50

PREZZI | PRICES

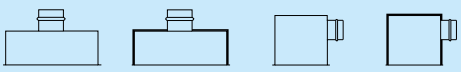
MOLT. x 1.31



	€
BQM1	101,57

PLENUM

MOLT. x 1.1



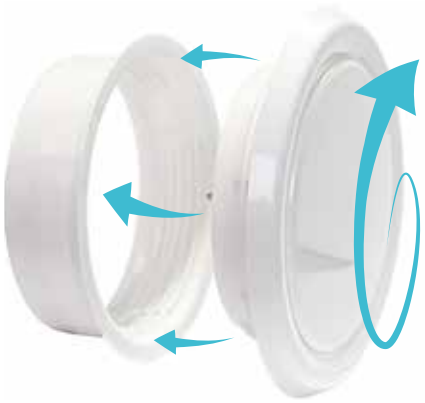
AxB	Attacco Spigot	**PQZ1**	**PQZI1**	**PQZ2**	**PQZI2**	Serranda Damper	Equalizzatore Equalizer	Ponte di fissaggio Mounting bridge
mm	Ø mm	€	€	€	€	€	€	€
595x595	248	66,41	87,55	82,81	117,81	18,04	25,74	10,97



VIP

Caratteristiche: valvole di mandata e ripresa.
Costruzione: polipropilene bianco RAL 9016 con collarino di fissaggio.
Impiego: a soffitto. Altezza di installazione: 2,5-3,0 m.

Characteristics: supply and return valves.
Finishing: RAL 9016 white polypropylene with fixing ring.
Utilization: for ceiling installation. Installation height: 2,5-3,0 m.



DISEGNI | DRAWINGS

VIP

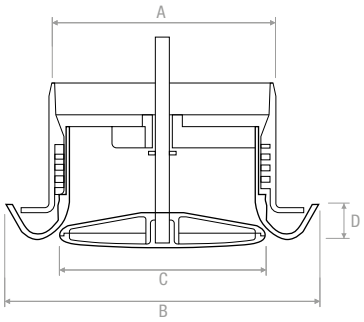


TABELLA DI SELEZIONE | TECHNICAL DATA

Modello | Model	A_k [m²]	Q [m³/h]		L_{WA} [dB(A)]		Dp_t [Pa]	
		min	max	min	max	min	max
VIP 100	0,00785	20	50	-	21	10	50
VIP 125	0,01276	40	90	-	23	10	50
VIP 160	0,01767	60	130	-	24	10	50
VIP 200	0,03142	100	230	-	26	10	50

PREZZI | PRICES

MOLT. x 1.87

Ø	**VIP**	Pallet	Dimensioni principali | Principal dimensions			
mm	€	Pezzi | Pieces	**A**	**B**	**C**	**D**
100	6,17	85	97	138	90	15
125	7,73	85	122	168	115	15
160	8,87	85	157	215	130	15
200	12,36	85	195	255	189	15

EAV



EAVCR



EAVCM

Caratteristiche:
EAVCR: Valvole di ripresa in acciaio con collarino di fissaggio.
EAVCM: Valvole di mandata in acciaio con collarino di fissaggio.

Costruzione: acciaio bianco RAL 9016 opaco con collarino di fissaggio.

Impiego: a soffitto, in ripresa. Altezza di installazione: 2,5-3,0 m.

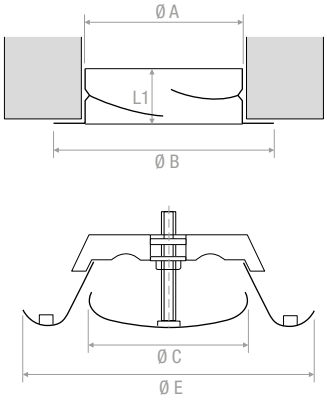
Characteristics:
EAVCR: return valves in steel with mounting ring.
EAVCM: Supply valves in steel with mounting ring.

Finishing: RAL 9016 white matt painted steel with fixing ring.

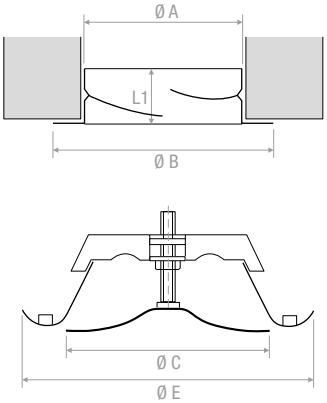
Utilization: for ceiling installation in case of return air application. Installation height: 2,5-3,0 m.

DISEGNI | DRAWINGS

EAVCR
Valvola di ripresa | Return valve



EAVCM
Valvola di mandata | Supply valve



MISURE | MEASURES

EAVCR Dimensioni | Dimensions

Dn	**ØA**	**ØB**	**ØC**	**ØE**	**L1**
mm	mm	mm	mm	mm	mm
80	79	105	62	115	50
100	98	125	76	142	50
125	123	150	100	167	50
150	148	176	120	202	50
160	159	185	128	212	50
200	198	225	157	255	50

EAVCM Dimensioni | Dimensions

Dn	**ØA**	**ØB**	**ØC**	**ØE**	**L1**
mm	mm	mm	mm	mm	mm
80	79	105	78	115	50
100	98	125	95	137	50
125	123	150	115	164	50
150	148	176	138	202	50
160	159	185	148	212	50
200	198	225	203	248	50

TABELLA DI SELEZIONE | TECHNICAL DATA

Modello | Model	A_k [m^2]	Q [m^3/h]		L_{WA} [dB(A)]		Dp_t [Pa]	
		min	max	min	max	min	max
EAVCR 80	0,00628	25	50	20	25	10	50
EAVCR 100	0,00785	30	60	21	26	10	50
EAVCR 125	0,01227	40	90	21	28	10	50
EAVCR 150	0,01767	50	120	21	29	10	50
EAVCR 160	0,02011	60	130	21	29	10	50
EAVCR 200	0,03142	80	190	22	31	10	50
EAVCM 80	0,00628	15	30	-	26	10	50
EAVCM 100	0,00785	20	40	-	27	10	50
EAVCM 125	0,01227	30	70	-	30	10	50
EAVCM 150	0,01767	50	110	21	33	10	50
EAVCM 160	0,02011	50	120	20	32	10	50
EAVCM 200	0,03142	90	210	22	36	10	50

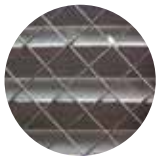
PREZZI | PRICES

stock

MOLT. x 1.87

Ø	**EAVCR - EAVCM**	Box
mm	€	Pezzi | Pieces
80	6,49	7
100	6,49	7
125	7,84	7
150	10,55	7
160	12,72	7
200	16,92	7



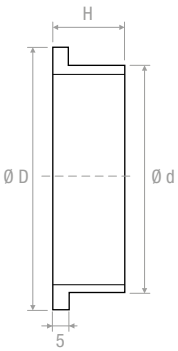


GCAM

Caratteristiche: griglie circolari da incasso in alluminio con rete.

Characteristics: round aluminium grilles with mesh. For flush-fitting.

DISEGNI | DRAWINGS



Ø	Ø d	Ø D	H	KG
mm	mm	mm	mm	
100	98	125	20	0,12
125	123	150	20	0,16
160	158	185	20	0,24
200	198	225	20	0,38
250	248	275	20	0,82
315	313	350	20	1.50
400	398	440	40	2.72

stock

PREZZI | PRICES

MOLT. x 2.39

CON RETE | WITH MESH

Ø		Alluminio naturale Natural aluminum
mm	Pezzi | Pieces	€
100	165	11,42
125	108	13,65
160	72	17,70
200	52	25,51
250	28	39,42
315	16	63,00
400	8	116,90

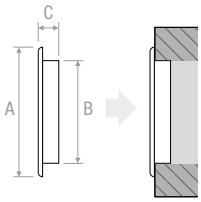


GCPC

Caratteristiche: griglie classiche circolari da incasso in plastica RAL 9016. Con rete.

Characteristics: round universal plastic grilles RAL 9016 with springs, straight fins and mesh.

DISEGNI | DRAWINGS



PREZZI | PRICES

stock

CON RETE | WITH MESH

MOLT. x 2.81

Codice | Code	Ø					
	mm	**A**	**B**	**C**	Pezzi | Pieces	€
GCPC16060	60	70	57	20	102	3,38
GCPC16080	80	90	75	20	102	3,60
GCPC16100	100	120	95	20	102	3,83
GCPC16125	125	145	117	20	102	4,27
GCPC16160	160	190	156	17	50	6,75
GCPC16200	200	238	200	23	30	9,89



GCIC

Caratteristiche: griglie circolari da incasso in acciaio inox. Fornite con pellicola trasparente antigraffio. Con rete.

Characteristics: stainless steel grilles for flush-fitting. With mesh.

PREZZI | PRICES

stock

CON RETE | WITH MESH

MOLT. x 2.81

Codice | Code	Ø	Pezzi | Pieces	
	mm		€
GCIC080	80	24	23,39
GCIC100	100	24	28,34
GCIC120	120	24	31,26
GCIC150	150	24	43,19
GCIC160	160	24	43,64
GCIC200	200	12	61,18

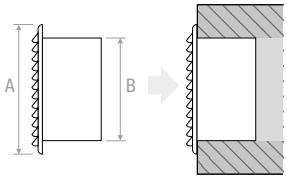


GCAC

Caratteristiche: griglie circolari da incasso in alluminio. Fornite con pellicola trasparente antigraffio. Con rete.

Characteristics: round aluminium grilles. Supplied with transparent, scratch-resistant film. For flush-fitting. With mesh.

DISEGNI | DRAWINGS



Dimensioni Dimensions **Ø mm**	**Ø A**	**Ø B**
80	110	77/80
100	150	96/100
120	150	116/120
140	180	138/142
150	180	146/150
160	180	156/160
200	240	190/194

PREZZI | PRICES

stock

CON RETE | WITH MESH

MOLT. x 2.81

Codice | Code	Ø mm	Pezzi | Pieces	€
GCAC080	80	24	14,39
GCAC100	100	24	16,65
GCAC120	120	24	19,34
GCAC140	140	24	22,49
GCAC150	150	24	24,75
GCAC160	160	24	25,64
GCAC200	200	12	35,99



GQI

Caratteristiche: griglie quadrate e rettangolari da appoggio in acciaio inox. Con rete.

Materiale: acciaio inox.

Fissaggio: viti a vista.

Characteristics: square and rectangular stainless steel grilles surface-mounted. With mesh.

Material: stainless steel.

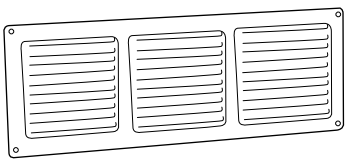
Fixing: by frontal screws.

DISEGNI | DRAWINGS

GQI 140x140



GQI 360x140



PREZZI | PRICES

stock

CON RETE | WITH MESH

MOLT. x 2.81

Codice | Code	BxH	
	mm	€
GQI01400140	140x140	15,29
GQI02500140	250x140	25,64
GQI03600140	360x140	29,69
GQI04700140	470x140	45,43
GQI01500150	150x150	18,89
GQI02300230	230x230	31,94



GQR

Caratteristiche: griglie quadrate e rettangolari da appoggio in rame. Con rete.

Materiale: rame.

Fissaggio: viti a vista.

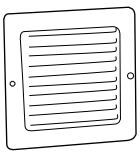
Characteristics: square and rectangular copper grilles surface-mounted. With mesh.

Material: copper.

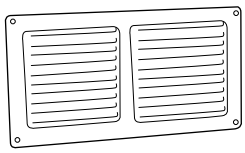
Fixing: by frontal screws.

DISEGNI | DRAWINGS

GQR 140x140



GQR 250x140



PREZZI | PRICES

stock

CON RETE | WITH MESH

MOLT. x 2.81

Codice | Code	BxH	
	mm	€
GQR01400140	140x140	17,99
GQR02500140	250x140	29,68
GQR04700140	470x140	51,73
GQR01500150	150x150	26,99
GQR02300230	230x230	44,76



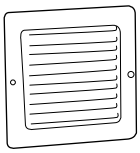
GQA

Caratteristiche: griglie quadrate e rettangolari da appoggio in alluminio. Con rete.
Materiale: alluminio.
Fissaggio: viti a vista.

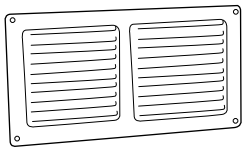
Characteristics: square and rectangular aluminium grilles surface-mounted. With mesh.
Material: aluminium.
Fixing: by frontal screws.

DISEGNI | DRAWINGS

GQA 140x140



GQA 250x140



PREZZI | PRICES

stock

CON RETE | WITH MESH

MOLT. x 2.81

Codice | Code	BxH	
	mm	€
GQA01400140	140x140	13,05
GQA02500140	250x140	17,99
GQA03600140	360x140	23,39
GQA04700140	470x140	35,99
GQA01500150	150x150	13,49
GQA02300230	230x230	27,89



GRA

Caratteristiche: griglie di ripresa ad alette fisse inclinate di 45° passo 25 mm.

Costruzione: alluminio anodizzato.

Impiego: a parete, in ripresa.

Fissaggio:
- Standard con clips.
- Fori per viti a richiesta.
- Calamite a richiesta (CL).
- Morsetti a richiesta (KC).

Accessori:
- Plenum in acciaio zincato con o senza isolamento.
- Serranda di taratura in acciaio zincato con alette a movimento contrapposto.
- Controtelaio di montaggio in lamiera di acciaio zincata.

Characteristics: return grilles with fixed and 45° inclined bars 25 mm pitch.

Finishing: anodized aluminium.

Utilization: for wall installation and for air intake.

Fixing:
- Standard fixing by clips.
- Holes for screws upon request.
- Magnets on request (CL).
- Clamps on request (KC).

Accessories:
- Galvanized steel plenum box with or without insulation.
- Calibration damper made of galvanized steel and fins with opposite movement.
- Mounting counterframe made of galvanized steel sheet.

MODELLI | MODELS

GRA	**Griglia di ripresa passo 25 mm**	Return grille (25 mm between bars)
GRAR	**Griglia di ripresa passo 25 mm con rete antivolatile**	Return grille (25 mm between bars) with bird mesh
GRARZ	**Griglia di ripresa passo 25 mm con rete anti insetto (zanzariera)**	Return grille (25 mm between bars) with insect screen
GRARSSA	**Griglia di ripresa passo 25 mm con rete antivolatile e serranda di sovrapressione a gravità (aspirazione)** Return grille (25 mm between bars) with bird mesh and overpressure damper (aspiration)
GRARSSE	**Griglia di ripresa passo 25 mm con rete antivolatile e serranda di sovrapressione a gravità (espulsione)** Return grille (25 mm between bars) with bird mesh and overpressure damper (expulsion)

ACCESSORI | ACCESSORIES

SC	**Serranda di tarature ad alette con movimento contrapposto**	Opposed blade damper
CT	**Controtelaio di fissaggio in lamiera d'acciaio zincata**	Counterframes in galvanised steel sheet profile section
CTKC	**Controtelaio di fissaggio in acciaio zincato per gancetti KC**	Counterframe in galvanised steel for clamps KC
PBZ	**Plenum di raccordo**	Conneting plenum box

VERNICIATURA | PAINTING

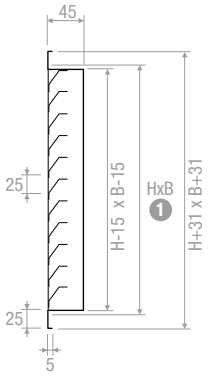
Colori RAL 9016 opaco, RAL 9010 lucido: + 15% - Altri colori RAL: prezzi a richiesta
Color RAL 9016 matt, RAL 9010 glossy: + 15% - Different RAL colors: prices on request

ESECUZIONI SU RICHIESTA | AVAILABLE ON REQUEST

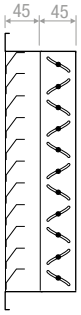
Griglia completa di tegolo antipioggia +TEG +5% AUM | Grille with rain-proof panel +TEG +5% INCREASE

DISEGNI | DRAWINGS

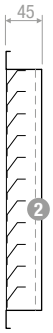
GRA



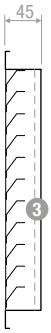
GRA+SC



GRAR

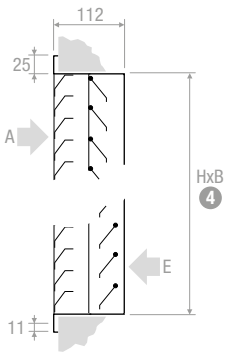


GRARZ

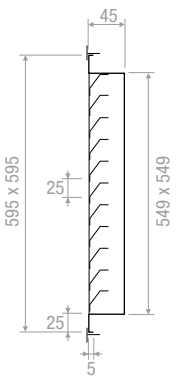


1 **Dimensioni foto** | Hole dimension
2 **Rete antivolatile** | bird mesh
3 **Zanzariera** | Insect screen
4 **Dimensioni nominali** | Nominal dimension
5 **Tegolo antipioggia aumento prezzo 5%**
Rain proof panel price increase 5%

GRARSS



GRA 595x595



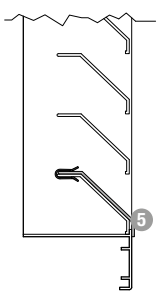
CT



CTKC

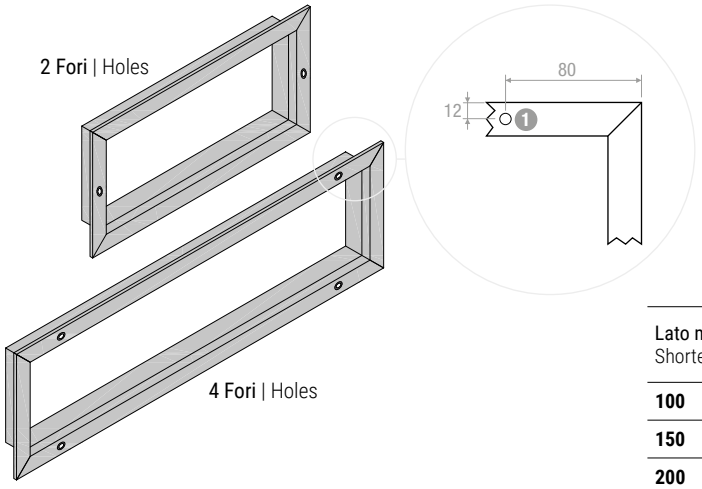


GRA+TEG



GRA

FORI | HOLE



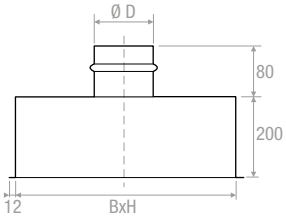
1 Ø 3,5 Foro svasato | Countersunk hole

QUANTITÀ DI FORI PER LE VITI DI FISSAGGIO
AMOUNT OF HOLES FOR MOUNTING SCREW

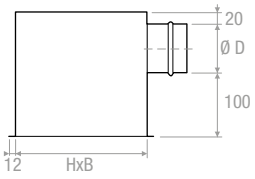
Lato minore Shorter side	Lato maggiore | Longer side				
	200	**250**	**300**	**350**	**≥400**
100	2	2	2	4	4
150	2	2	2	4	4
200	2	2	2	4	4
≥250	2	2	2	4	4

PLENUM | PLENUM

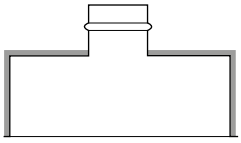
PBZ1



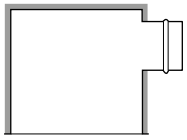
PBZ2



PBZI1



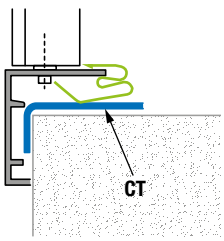
PBZI2



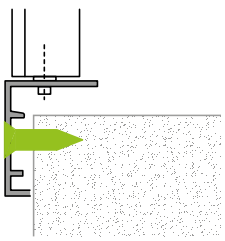
Plenum isolato esternamente spessore 6 mm
Plenum externally insulated thickness 6 mm

TIPO DI FISSAGGIO | TYPE OF FIXING

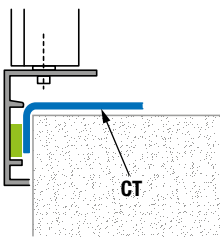
Fissaggio con clips
Fixing with clips



Fissaggio con viti
Fixing with screws

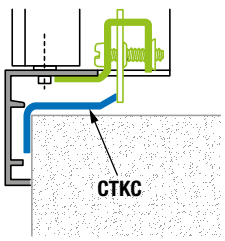


Fissaggio con calamite CL
Fixing with magnets CL



1xCL = € 2,53
Ogni griglia | Each grille: **4 CL**

Fissaggio con morsetti KC
Fixing with clamps KC



1xKC = € 5,05
da | from 200x100 a | to 1000x300: **2 KC**
da | from 400x400 a | to 1000x500: **4 KC**

TABELLA DI SELEZIONE | SELECTION TABLE

Modello | Model	A_k [m^2]	Q [m^3/h]		L_{WA} [dB(A)]		Dp_t [Pa]	
		min	max	min	max	min	max
GRA 200x100	0,0101	50	120	-	25	5	30
GRA 300x100	0,0157	70	180	-	27	5	30
GRA 400x100	0,0213	100	240	-	28	5	30
GRA 500x100	0,0269	120	310	-	30	5	30
GRA 600x100	0,0325	150	370	-	31	5	30
GRA 800x100	0,0437	200	500	-	33	5	30
GRA 1000x100	0,0548	250	620	-	34	5	30
GRA 1200x100	0,0660	310	750	-	35	5	30
GRA 200x150	0,0164	80	190	-	27	5	30
GRA 300x150	0,0255	120	290	-	30	5	30
GRA 400x150	0,0346	160	390	-	31	5	30
GRA 500x150	0,0437	200	500	-	33	5	30
GRA 600x150	0,0528	250	600	-	34	5	30
GRA 800x150	0,0709	330	810	-	35	5	30
GRA 1000x150	0,0891	410	1010	-	36	5	30
GRA 1200x150	0,1073	500	1220	20	38	5	30
GRA 200x200	0,0227	110	260	-	29	5	30
GRA 300x200	0,0353	160	400	-	31	5	30
GRA 400x200	0,0478	220	540	-	33	5	30
GRA 500x200	0,0604	280	690	-	34	5	30
GRA 600x200	0,0730	340	830	-	35	5	30
GRA 800x200	0,0982	460	1120	-	37	5	30
GRA 1000x200	0,1234	570	1400	21	38	5	30
GRA 1200x200	0,1486	690	1690	22	39	5	30
GRA 200x300	0,0352	160	400	-	31	5	30
GRA 300x300	0,0548	250	620	-	34	5	30
GRA 400x300	0,0744	350	850	-	36	5	30
GRA 500x300	0,0940	440	1070	-	37	5	30
GRA 600x300	0,1136	530	1290	21	38	5	30
GRA 800x300	0,1528	710	1740	22	40	5	30
GRA 1000x300	0,1920	890	2190	23	41	5	30
GRA 1200x300	0,2312	1070	2630	24	42	5	30
GRA 200x400	0,0478	220	540	-	33	5	30
GRA 300x400	0,0744	350	850	-	36	5	30
GRA 400x400	0,1010	470	1150	-	37	5	30
GRA 500x400	0,1276	590	1450	21	38	5	30
GRA 600x400	0,1542	720	1750	22	39	5	30
GRA 800x400	0,2073	960	2360	24	41	5	30
GRA 1000x400	0,2605	1210	2970	25	42	5	30
GRA 1200x400	0,3137	1460	3570	26	43	5	30
GRA 200x500	0,0603	280	690	-	34	5	30
GRA 300x500	0,0939	440	1070	-	37	5	30
GRA 400x500	0,1275	590	1450	21	38	5	30
GRA 500x500	0,1611	750	1830	23	40	5	30
GRA 600x500	0,1947	900	2220	23	41	5	30
GRA 800x500	0,2619	1220	2980	25	42	5	30
GRA 1000x500	0,3291	1530	3750	26	44	5	30
GRA 1200x500	0,3963	1840	4510	27	45	5	30
GRA 200x600	0,0729	340	830	-	35	5	30
GRA 300x600	0,1135	530	1290	21	38	5	30
GRA 400x600	0,1541	720	1750	22	40	5	30
GRA 500x600	0,1947	900	2220	23	41	5	30
GRA 600x600	0,2353	1090	2680	25	42	5	30
GRA 800x600	0,3165	1470	3600	26	44	5	30
GRA 1000x600	0,3977	1850	4530	28	45	5	30
GRA 1200x600	0,4789	2230	5450	29	46	5	30
GRA 200x800	0,0980	460	1120	-	37	5	30
GRA 300x800	0,1526	710	1740	22	40	5	30
GRA 400x800	0,2072	960	2360	24	41	5	30
GRA 500x800	0,2618	1220	2980	25	42	5	30
GRA 600x800	0,3164	1470	3600	26	44	5	30
GRA 800x800	0,4256	1980	4850	28	45	5	30
GRA 1000x800	0,5348	2490	6090	29	46	5	30
GRA 1200x800	0,6440	2990	7330	30	47	5	30
GRA 595x595	0,1957	910	2230	24	41	5	30

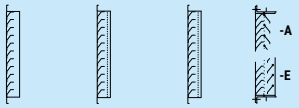
GRA

stock

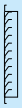
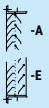
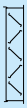
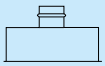
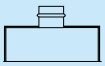
PREZZI | PRICES

MOLT. x 1.31
RAL 9016 x 1.51

MOLT. x 1.1



BxH		GRA	GRAR	GRARZ	GRARSS	SC	CT-CTKC	PBZ1	PBZI1	PBZ2	PBZI2
mm		€	€	€	€	€	€	€	€	€	€
200x100		14,36	18,13	19,94	43,81	11,12	6,25	27,64	40,12	27,99	40,63
300x100		16,64	21,15	23,28	48,34	11,91	6,25	29,15	42,41	29,58	43,07
400x100		20,40	24,93	27,43	55,16	12,68	6,95	38,40	52,87	32,50	47,59
500x100		24,19	27,96	30,76	62,71	15,45	7,64	39,87	55,15	34,35	50,45
600x100	•	27,20	32,50	35,74	68,75	17,46	8,34	41,36	57,43	36,18	53,30
800x100	•	33,25	40,05	44,04	80,84	22,58	10,01	44,31	62,00	42,29	62,71
1000x100	•	43,07	47,62	52,39	94,10	27,58	11,40	55,38	75,06	46,82	69,55
1200x100	•	49,12	56,68	62,33	107,30	33,31	15,29	69,69	91,56	62,38	88,00
200x150		17,38	20,40	22,44	49,12	11,91	6,25	28,85	41,80	29,22	42,38
300x150		19,65	24,93	27,43	56,68	13,48	6,95	30,46	44,28	32,14	46,90
400x150		23,41	26,46	29,11	63,47	15,86	7,64	32,07	46,77	34,14	49,96
500x150		28,71	31,72	34,89	71,78	18,24	9,17	41,46	57,43	37,85	55,72
600x150	•	34,00	38,53	42,39	78,57	20,63	10,01	43,07	59,91	40,09	59,17
800x150	•	40,05	47,62	52,39	94,45	26,16	11,40	57,65	76,82	55,94	78,03
1000x150	•	46,08	55,91	61,49	107,30	31,20	12,93	68,96	90,29	63,77	90,00
1200x150	•	55,16	65,75	72,31	120,15	35,31	15,97	72,19	95,26	68,81	97,75
200x200		18,90	23,41	25,74	55,91	12,68	6,95	30,02	43,45	31,54	45,82
300x200		23,41	27,20	29,92	62,71	17,46	7,64	31,76	46,16	33,64	49,06
400x200		25,68	30,22	33,24	69,52	19,03	8,82	33,49	48,85	37,37	54,80
500x200		32,50	42,23	46,43	81,62	22,22	10,01	35,23	51,52	39,73	58,47
600x200	•	41,57	51,40	56,53	87,66	25,40	10,72	56,45	74,66	53,78	74,41
800x200	•	47,62	55,91	61,49	107,30	30,96	12,93	59,94	80,03	61,20	85,83
1000x200	•	55,91	66,47	73,14	123,15	34,12	14,44	63,42	85,40	69,68	98,91
1200x200	•	63,47	74,82	82,28	140,55	37,28	16,69	75,42	105,70	84,00	122,79
200x300		23,41	27,20	29,92	65,75	17,46	7,64	31,76	46,16	33,64	49,06
300x300		28,71	34,00	37,39	75,57	20,63	9,17	34,09	49,58	37,93	55,54
400x300		34,76	42,32	46,55	86,89	25,40	10,72	48,37	65,58	52,87	72,52
500x300		43,07	50,61	55,68	77,85	27,78	12,22	50,38	68,68	57,65	79,89
600x300	•	51,40	62,71	68,99	113,33	30,16	12,93	60,16	79,94	60,54	84,37
800x300	•	62,71	75,57	83,12	137,53	36,51	15,29	72,71	101,07	77,81	112,77
1000x300	•	75,57	90,66	99,73	159,44	43,65	17,38	77,35	107,92	88,22	128,53
1200x300	•	89,17	106,52	117,20	182,10	50,78	18,92	89,88	120,06	103,58	145,11
200x400		26,46	31,72	34,89	75,57	19,03	8,82	33,49	48,85	37,37	54,80
300x400		36,26	43,81	48,21	91,42	25,40	10,72	48,37	65,58	52,87	72,52
400x400		46,85	55,91	61,49	108,05	28,43	12,22	51,28	69,74	58,54	80,96
500x400		55,91	66,47	73,14	123,92	34,52	13,62	53,53	73,24	64,09	89,57
600x400	•	63,47	76,31	83,95	137,53	36,51	15,29	72,12	99,83	76,06	109,75
800x400	•	80,84	96,74	106,40	168,50	44,44	17,38	85,17	115,80	94,63	134,24
1000x400	•	91,57	115,61	127,17	196,45	52,36	19,73	101,08	137,70	117,10	166,29
1200x400	•	111,84	134,51	147,96	223,66	62,68	21,11	105,61	144,73	125,00	178,52

	MOLT. x 1.31 RAL 9016 x 1.51						MOLT. x 1.1			
										
BxH	**GRA**	**GRAR**	**GRARZ**	**GRARSS**	**SC**	**CT-CTKC**	**PBZ1**	**PBZI1**	**PBZ2**	**PBZI2**
mm	€	€	€	€	€	€	€	€	€	€
200x500	34,00	40,79	44,89	89,17	22,22	10,01	35,23	51,52	39,73	58,47
300x500	44,57	53,64	59,03	108,05	27,78	12,22	50,38	68,68	57,65	79,89
400x500	58,18	70,27	77,28	128,46	34,52	13,62	53,53	73,24	64,09	89,57
500x500	64,23	77,85	85,62	142,80	42,82	15,29	64,60	92,07	76,31	110,17
600x500 •	75,57	90,66	99,73	160,96	44,44	16,69	67,13	95,98	82,95	120,40
800x500 •	95,96	115,61	127,17	194,95	52,36	19,04	99,86	135,84	114,19	161,82
1000x500 •	115,61	139,02	152,93	231,95	65,86	21,28	104,95	143,68	122,46	170,74
1200x500 •	139,02	167,00	183,69	272,00	76,97	23,50	110,00	151,48	129,84	182,14
200x600	43,07	52,14	57,34	99,76	25,40	10,72	56,45	74,66	53,78	74,41
300x600	53,64	65,75	72,31	124,67	30,16	12,93	60,16	79,94	60,54	84,37
400x600	65,75	78,57	86,45	145,07	36,51	15,29	72,12	99,83	76,06	109,75
500x600	77,07	92,18	101,40	165,47	44,44	16,69	67,13	95,98	82,95	120,40
600x600 •	89,17	106,52	117,20	185,14	50,78	18,20	89,79	124,15	107,04	150,78
800x600 •	111,84	135,25	148,78	225,91	61,85	20,43	103,19	140,97	119,19	169,55
1000x600 •	139,02	167,00	183,69	270,49	76,97	23,62	108,77	149,62	131,70	185,04
1200x600 •	157,16	188,90	207,79	306,03	91,23	25,71	114,37	158,25	140,15	198,05
200x800	49,12	58,93	64,82	123,15	30,96	12,93	59,94	80,03	61,20	85,83
300x800	65,75	79,35	87,29	148,84	36,51	15,29	72,71	101,07	77,81	112,77
400x800	87,66	107,30	118,02	176,04	44,44	17,38	85,17	115,80	94,63	134,24
500x800	98,24	121,67	133,82	203,27	52,36	19,04	99,86	135,84	114,19	161,82
600x800 •	114,86	141,29	155,44	230,46	61,85	20,43	103,19	140,97	119,19	169,55
800x800 •	142,80	171,51	188,67	284,87	95,99	23,62	109,84	151,24	132,75	186,65
1000x800 •	178,31	214,59	236,03	340,78	103,15	26,56	116,48	161,51	147,03	208,70
1200x800 •	207,05	248,58	273,45	391,39	123,76	29,46	123,12	171,78	157,05	224,19
595x595 E.C. esterno cornice overall size	76,50	91,40	100,55	162,05	50,78	18,20	67,72	96,90	83,81	121,77

• **Rinforzo intermedio** | Intermediate reinforcing
Per misure fuori tabella prezzi a richiesta | For bigger sizes prices on request





GRASMF

Caratteristiche: griglia di ripresa portafiltro ad alette fisse inclinate di 45° per l'alloggiamento e la sostituzione del filtro.

Costruzione: alluminio anodizzato.

Impiego: a parete/soffitto in ripresa.

Fissaggio: con clips (con viti a richiesta obbligatorio per installazione a soffitto).

Chiusura: con push/pull.

Accessori:
- Plenum in acciaio zincato con o senza isolamento.
- Serranda di taratura in acciaio zincato con alette a movimento contrapposto.
- Controtelaio di montaggio in lamiera di acciaio zincata.

Characteristics: return filter grille (bars inclinated 45°). Removable core for filter insertion and removel.

Finishing: anodized aluminium.

Utilization: for wale/ceiling installation and for air intake.

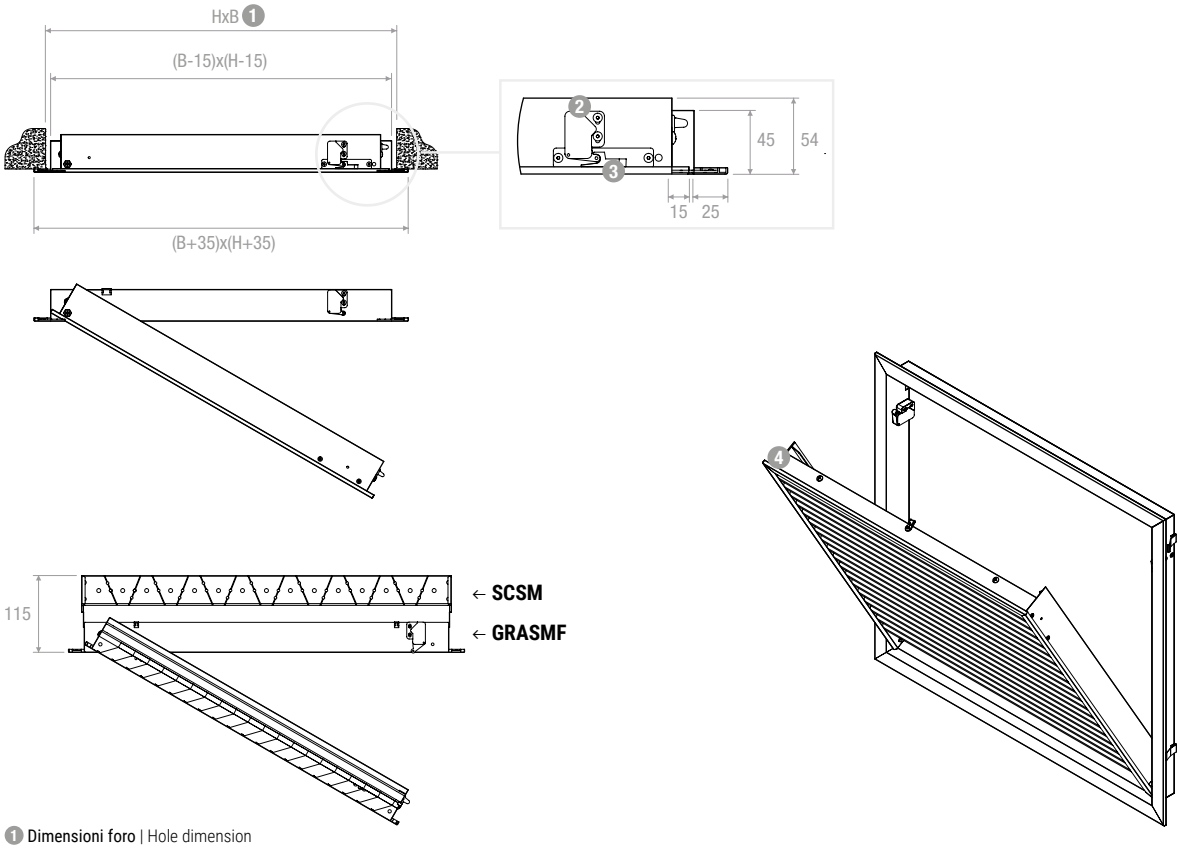
Fixing: by clips (frontal screws on request mandatory for ceiling installation).

Accessories:
- Galvanized steel plenum box with or without insulation.
- Calibration damper made of galvanized steel and fins with opposite movement.
- Mounting counterframes made of galvanized steel sheet.

VERNICIATURA | PAINTING

Colori RAL 9016 opaco, RAL 9010 lucido: + 15% - Altri colori RAL: prezzi a richiesta
Color RAL 9016 matt, RAL 9010 glossy: + 15% - Different RAL colors: prices on request

DISEGNI | DRAWINGS



1 **Dimensioni foro** | Hole dimension
2 **Cricchetto per apertura push-pull** | Ratchet for opening push-pull
3 **Assieme con piastrina per apertura push-pull** | Assembly with plate for push-pull opening
4 **Vano alloggiamento filtro (filtro 512x512)** | Filter housing compartment (filter 512x512)

DIMENSIONI FILTRO | FILTER DIMENSIONS

H	Dimensione - Dimension **B**						
	200	**300**	**400**	**500**	**600**	**800**	**1000**
mm	mm	mm	mm	mm	mm	mm	mm
200	152x152	252x152	352x152	452x152	552x152	752x152	952x152
300	152x252	252x252	352x252	452x252	552x252	752x252	952x252
400	152x352	252x352	352x352	452x352	552x352	752x352	952x352
500	152x452	252x452	352x452	452x452	552x452	752x452	952x452
600	152x552	252x552	352x552	452x552	552x552	752x552	952x552

GRASMF

TABELLA DI SELEZIONE | SELECTION TABLE

Modello | Model	A_k [m^2]	Q [m^3/h]		L_{WA} [dB(A)]		Dp_t [Pa]	
		min	max	min	max	min	max
GRA n° 200x200	0,0227	50	190	-	23	10	50
GRA n° 300x200	0,0353	80	280	-	24	10	50
GRA n° 400x200	0,0478	110	380	-	26	10	50
GRA n° 500x200	0,0604	140	480	-	27	10	50
GRA n° 600x200	0,0730	170	570	-	28	10	50
GRA n° 800x200	0,0982	220	760	-	30	10	50
GRA n° 1000x200	0,1227	270	950	-	31	10	50
GRA n° 200x300	0,0352	80	280	-	24	10	50
GRA n° 300x300	0,0548	120	430	-	27	10	50
GRA n° 400x300	0,0744	170	580	-	28	10	50
GRA n° 500x300	0,0940	210	720	-	29	10	50
GRA n° 600x300	0,1136	250	870	-	30	10	50
GRA n° 800x300	0,1528	330	1160	-	32	10	50
GRA n° 1000x300	0,1910	410	1450	-	33	10	50
GRA n° 200x400	0,0478	110	380	-	26	10	50
GRA n° 300x400	0,0744	170	580	-	28	10	50
GRA n° 400x400	0,1010	220	770	-	29	10	50
GRA n° 500x400	0,1276	280	970	-	31	10	50
GRA n° 600x400	0,1542	340	1160	-	32	10	50
GRA n° 800x400	0,2073	460	1560	-	33	10	50
GRA n° 1000x400	0,2591	570	1950	-	34	10	50
GRA n° 200x500	0,0603	140	480	-	27	10	50
GRA n° 300x500	0,0939	210	720	-	29	10	50
GRA n° 400x500	0,1275	280	960	-	31	10	50
GRA n° 500x500	0,1611	350	1210	-	32	10	50
GRA n° 600x500	0,1947	420	1460	-	33	10	50
GRA n° 800x500	0,2619	560	1960	-	34	10	50
GRA n° 1000x500	0,3271	700	2450	-	33	10	50
GRA n° 200x600	0,0729	160	570	-	28	10	50
GRA n° 300x600	0,1135	250	870	-	30	10	50
GRA n° 400x600	0,1541	340	1160	-	32	10	50
GRA n° 500x600	0,1947	430	1460	-	33	10	50
GRA n° 600x600	0,2353	510	1760	-	34	10	50
GRA n° 800x600	0,3165	690	2350	-	35	10	50
GRA n° 1000x600	0,3956	860	2940	-	36	10	50

PREZZI | PRICES

MOLT. x 1.66
RAL 9016 x 1.91

H	Dimensione | Dimension **B mm**						
	200	**300**	**400**	**500**	**600**	**800**	**1000**
mm	€	€	€	€	€	€	€
200	51,55	54,36	61,31	71,06	83,60	90,69	108,68
300	54,36	57,13	67,09	78,00	90,69	114,21	134,28
400	62,50	72,46	78,86	98,81	114,25	139,64	158,68
500	75,25	81,94	97,53	116,06	135,13	158,68	188,92
600	81,94	94,20	112,18	126,80	152,33	182,24	207,37

Prezzi con filtro Eff. G2 incluso | Prices with filter Eff. G2 included

MOLT. x 1.66

PREZZI | PRICES **SCSM**

B	H	
mm	mm	€
200	**200**	15,22
300	**200**	20,95
400	**200**	22,84
500	**200**	26,66
600	**200**	30,48
800	**200**	37,15
1000	**200**	40,94
200	**300**	20,95
300	**300**	24,77
400	**300**	30,48
500	**300**	33,34
600	**300**	36,19
800	**300**	43,81
1000	**300**	52,38
200	**400**	22,84
300	**400**	30,48
400	**400**	34,11
500	**400**	41,42
600	**400**	43,81
800	**400**	53,33
1000	**400**	62,83
200	**500**	26,66
300	**500**	33,34
400	**500**	41,42
500	**500**	51,39
600	**500**	53,33
800	**500**	62,83
1000	**500**	79,03
200	**600**	30,48
300	**600**	36,19
400	**600**	43,81
500	**600**	53,33
600	**600**	60,93
800	**600**	74,23
1000	**600**	92,35





GRA60SMF

Caratteristiche: griglia di ripresa portafiltro 595x595 mm ad alette fisse inclinate di 45° per l'alloggiamento e la sostituzione del filtro.

Costruzione: alluminio anodizzato.

Impiego: a parete/soffitto in ripresa.

Fissaggio: con clips (con viti a richiesta obbligatorio per installazione a soffitto).

Chiusura: con push/pull.

Accessori:
- Plenum in acciaio zincato con o senza isolamento.
- Serranda di taratura in acciaio zincato con alette a movimento contrapposto.
- Controtelaio di montaggio in lamiera di acciaio zincata.

Characteristics: return filter grille 595x595 mm (bars inclinated 45°). Removable core for filter insertion and replacement.

Finishing: anodized aluminium.

Utilization: for wale/ceiling installation and for air intake.

Fixing: by clips (with screws on request mandatory for ceiling installation).

Closing: by push/pull.

Accessories:
- Galvanized steel plenum box with or without insulation.
- Calibration damper made of galvanized steel and fins with opposite movement.
- Mounting counterframes made of galvanized steel sheet.

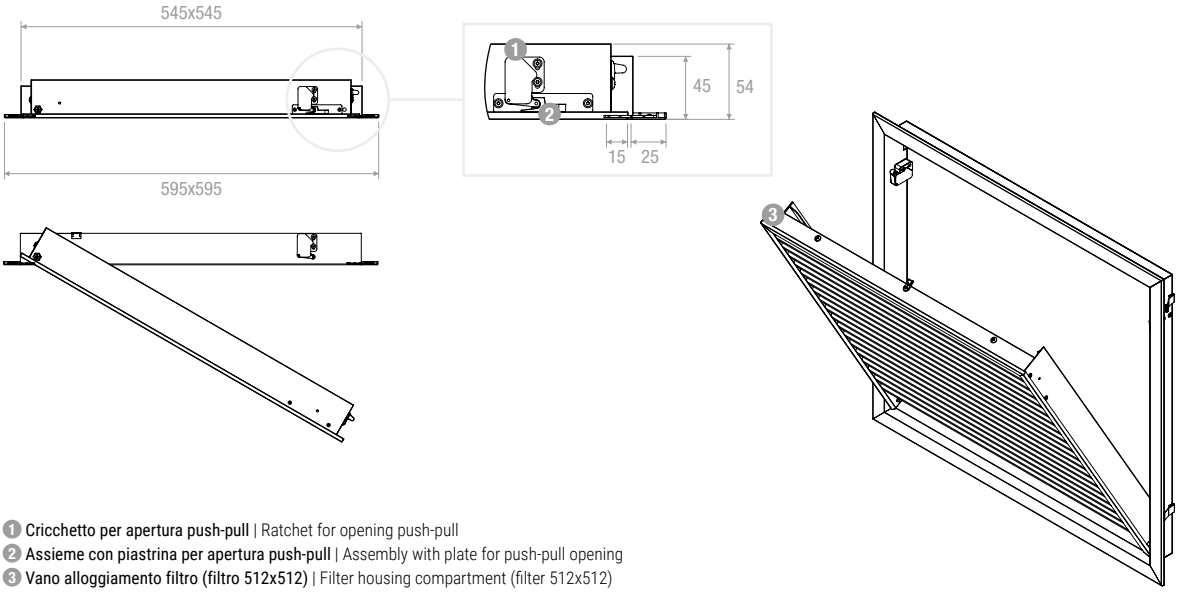
MODELLI | MODELS

GRA60SMF	Griglia di ripresa portafiltro 595x595 mm ad alette fisse di 45° con filtro incluso Return filter grille 595x595 mm (bars inclinated 45°) with filter
GRA60SM	Griglia di ripresa portafiltro ad alette fisse di 45° senza filtro Return filter grille (bars inclinated 45°) without filter

VERNICIATURA | PAINTING

Colori RAL 9016 opaco, RAL 9010 lucido: + 15% - Altri colori RAL: prezzi a richiesta
Color RAL 9016 matt, RAL 9010 glossy: + 15% - Different RAL colors: prices on request

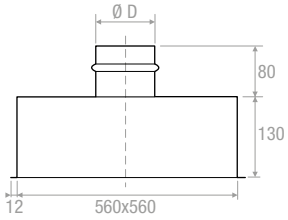
DISEGNI | DRAWINGS



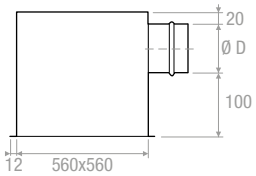
1 **Cricchetto per apertura push-pull** | Ratchet for opening push-pull
2 **Assieme con piastrina per apertura push-pull** | Assembly with plate for push-pull opening
3 **Vano alloggiamento filtro (filtro 512x512)** | Filter housing compartment (filter 512x512)

PLENUM | PLENUM

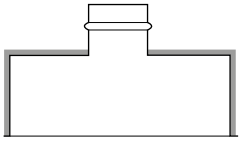
PBZ1



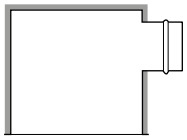
PBZ2



PBZI1



PBZI2



Plenum isolato esternamente spessore 6 mm
Plenum externally insulated thickness 6 mm

TABELLA DI SELEZIONE | SELECTION TABLE

Modello | Model	A_k [m²]	Q [m³/h]		L_{WA} [dB(A)]		Dp_t [Pa]	
		min	max	min	max	min	max
GRA60SM	0,1957	910	2230	24	41	5	30
GRA60SMF	0,1957	510	1760	-	34	10	50

PREZZI | PRICES

MOLT ALL. x 1.66
RAL 9016 x 1.91

MOLT. x 1.1

	Con filtro With filter							
BxH	**GRA60SMF**	**GRA60SM**	Filtro | Filter Eff. G2	**SCSM**	**PBZ1**	**PBZI1**	**PBZ2**	**PBZI2**
mm	€	€	€	€	€	€	€	€
595x595	136,69	119,98	16,71	60,93	67,72	96,90	83,81	121,76