





Viaggio e comfort

Aria, terra, acqua e fuoco.

Da sempre l'uomo è impegnato in una ricerca costante che coinvolge gli elementi naturali per migliorare il proprio benessere e raggiungere standard di comfort sempre maggiori. Viaggiare, occupa quotidianamente o saltuariamente la nostra vita ed è sempre più indispensabile garantire condizioni ottimali di viaggio in tutte le stagioni e in qualsiasi condizione climatica.

È attraverso l'aria, che si possono controllare il clima e la sensazione di caldo o di freddo. PRIMA Industries produce una serie di componenti specifici per gestire e convogliare l'aria in tutte quelle situazioni dove è necessario riscaldare o raffreddare, per creare un microclima interno che garantisca il comfort in tutte condizioni climatiche esterne.

I componenti per la ventilazione progettati e costruiti da Prima industries sono funzionali, affidabili, collaudati, di facile installazione e curati nei minimi particolari.

Convogliatori, bocchette, griglie e raccordi, costituiscono un sistema completo per diffondere l'aria negli ambienti legati al trasporto, settore in cui PRIMA Industries vanta una esperienza di decenni e per il quale produce anche altri componenti specifici.

Travel and comfort

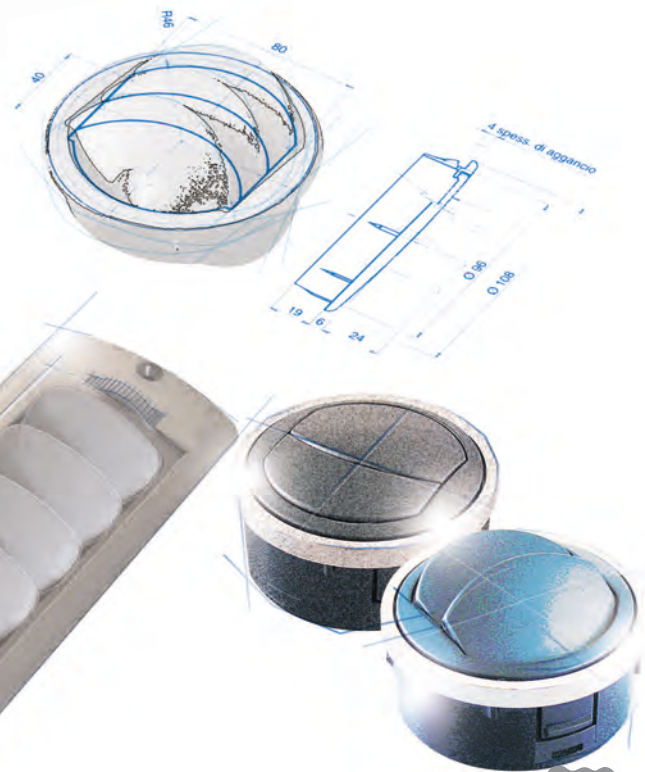
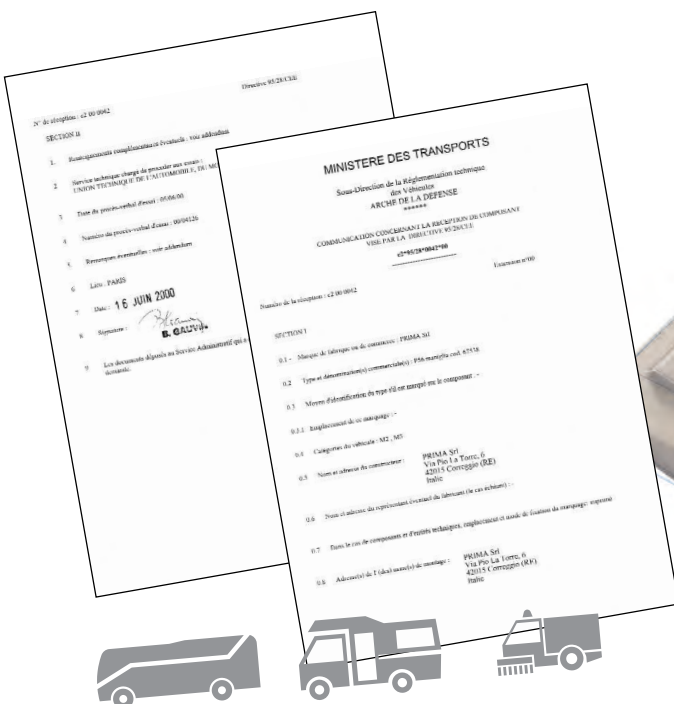
Air, earth, water and fire.

Forever, the mankind has been engaged in a constant research involving natural elements in order to improve his welfare and achieve higher comfort standards.

Travelling, either occasionally or daily, is part of everybody's life, so it becomes more and more necessary to be able to provide for an optimal trip environment, no matter the season or climate conditions.

It is essentially through the air that we may control our environment climate: PRIMA Industries produce a variety of specific components which have been specifically engineered to convey and let flow the air whenever it is necessary to warm up or cool down the environment to create an indoor microclimate granting a comfortable surrounding.

The ventilation components designed and produced by prima Industries, are functional, reliable, field tested, easy to be installed and engineered in the greatest detail possible. Conveyers, air diffusers, ventilation grids, connectors all these products form a complete system which is giving proof of optimum properties in the air diffusion, particularly in public transport environments. With more than forty years of experience in the coach and bus sector, PRIMA Industries is also specialized in the production of high performance specific automotive components.












Certified ISO 9001: 2008






diffusori aria rettangolari orientabili / rectangular adjustable air diffusers

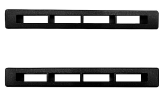




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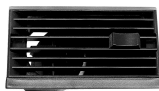

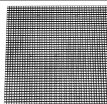
diffusori aria tondi orientabili / round adjustable air diffusers

| | | | | | |
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diffusori aria fissi e griglie di aerazione / not adjustable air diffusers and grids



| | |
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riduzioni e raccordi / adaptors and tubes

| | |
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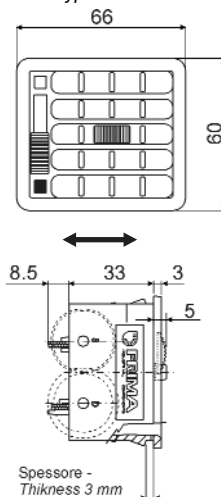
P.136

bianco (aperto) -
white (open)



nero (chiuso) -
black (closed)

Tipo Sx - Lh type



Caratteristiche - Features



ABS



Diffusore aria orientabile -
Adjustable air diffuser



Secondo codice -
According to item code



50 pezzi / pieces



12,7 dm³



2.200 g



6 pag. 32



Sezione tecnica - Technical section
pag. 33 - 36

Versioni disponibili / Available versions

| P.136 | Cod. | Tipo - Type | Colore - Colour | | | |
|-------|---------|------------------------|-----------------|-----|--|--|
| 68550 | dx - rh | nero - black | • | | | |
| 68560 | sx - lh | nero - black | • | | | |
| 67941 | dx - rh | grigio - grey Ral 7040 | • | 300 | | |
| 67951 | sx - lh | grigio - grey Ral 7040 | • | 300 | | |

P.280

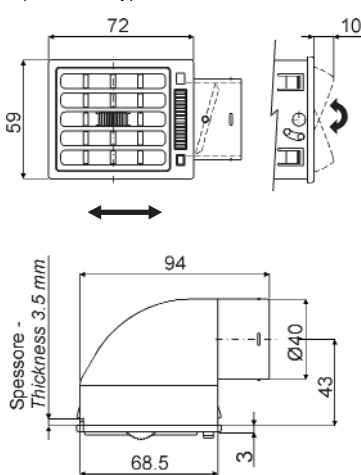
neutro (aperto) -
blank (open)



bianco (chiuso) -
white (closed)



Tipo Sx - Lh type



Caratteristiche - Features



Bayblend (ABS-polycarbonato) -
(ABS polycarbonate)



Diffusore aria orientabile -
Adjustable air diffuser



Nero - Black



50 pezzi / pieces



35,2 dm³



4.100 g



P325 pag. 31



Sezione tecnica - Technical section
pag. 33 - 36

Versioni disponibili / Available versions

| P.280 | Cod. | Tipo - Type | | | |
|-------|---------|-------------|--|--|--|
| 62338 | dx - rh | • | | | |
| 62348 | sx - lh | • | | | |

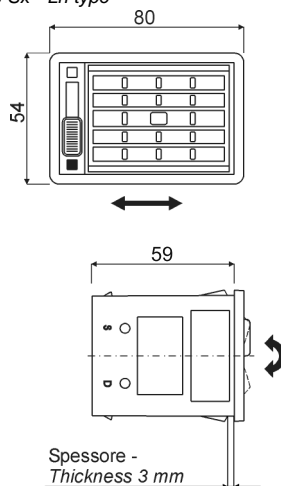
P.233

bianco (chiuso) -
white (closed)



blu (aperto) -
blue (open)

Tipo Sx - Lh type



Caratteristiche - Features



ABS



Diffusore aria orientabile -
Adjustable air diffuser



Nero - Black



50 pezzi - pieces



24,3 dm³



4.300 g



P.330 pag. 7

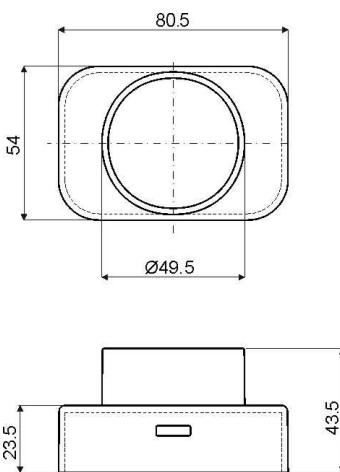


Sezione tecnica - Technical section
pag. 33 - 37

Versioni disponibili / Available versions

| P.233 | Cod. | Tipo - Type | | | |
|-------|-------|-------------|---|---|--|
| | 67377 | dx - rh | • | | |
| | 67387 | sx - lh | | • | |

P.330



Caratteristiche - Features



ABS



Raccordo per diffusore aria P.233 -
Connector for P.233 air diffuser



Nero - Black



50 pezzi / pieces



24,3 dm³



1.550 g



P.325 pag. 31

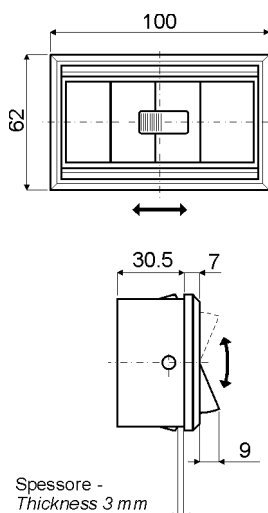


Sezione tecnica - Technical section
pag. 33 - 37

Versioni disponibili / Available versions

| P.330 | Cod. | | | |
|-------|-------|---|--|-----|
| | 69808 | • | | 300 |

P.190

Caratteristiche -
Features

ABS

Diffusore aria orientabile -
Adjustable air diffuser

Nero - Black



100 pezzi - pieces

35,2 dm³

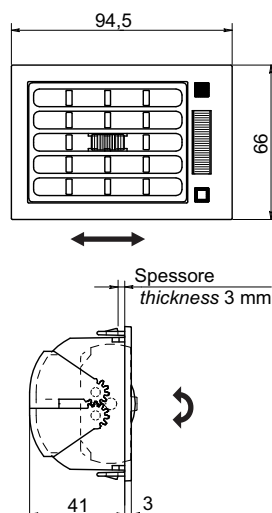
7.750 g

Sezione tecnica - Technical section
pag. 33 - 38

Versioni disponibili / Available versions

| P.190 | Cod. | | | |
|-------|-------|---|-----|--|
| | | | | |
| | 55747 | • | 300 | |

P.398

Caratteristiche -
Features

ABS

Diffusore aria orientabile -
Adjustable air diffuser

Grigio - Grey Ral 7043



50 pezzi - pieces

35,2 dm³

4.500 g








Sezione tecnica - Technical section
pag. 33 - 38

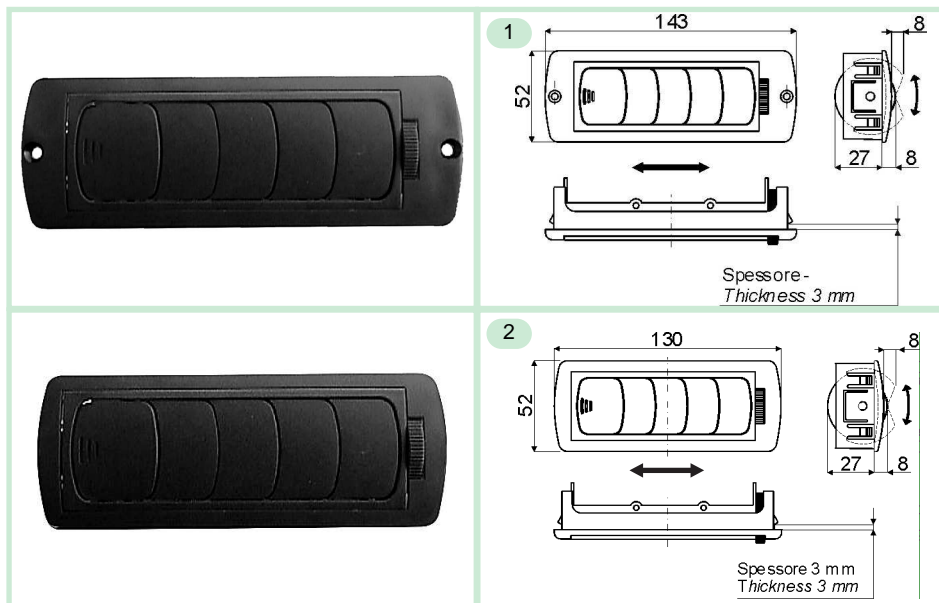
Versioni disponibili / Available versions

| P.398 | Cod. | | | |
|-------|-------|---|-----|--|
| | | | | |
| | 61891 | • | 200 | |

P.391

Caratteristiche - Features

-  Poliammide fibra vetro - Glass fibre polyamide
-  Diffusore aria orientabile a 5 alette - 5 fins adjustable air diffuser
-  Secondo codice - According to item code
-  50 pezzi - pieces
-  24,3 dm³
-  Secondo codice - According to item code
-  Sezione tecnica - Technical section pag. 33 - 39










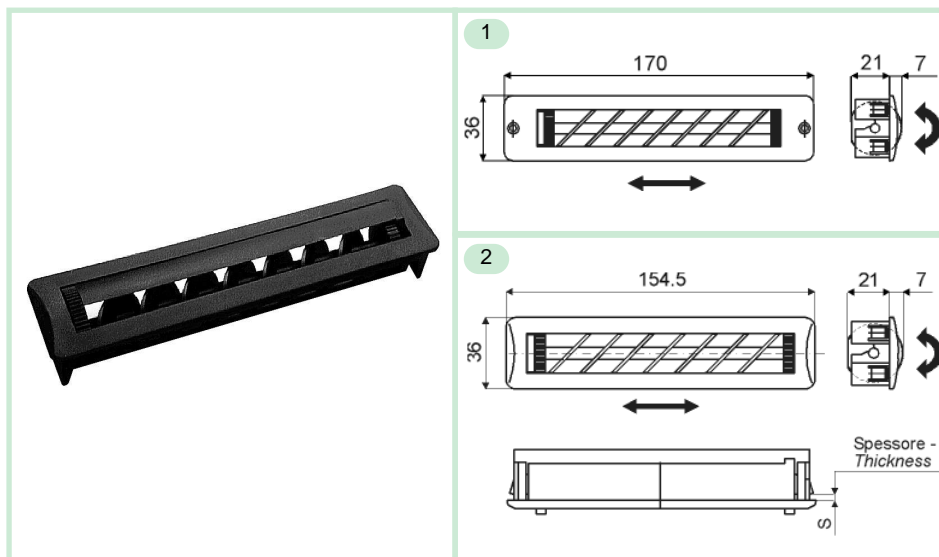
Versioni disponibili / Available versions

| P.391 | Cod. | Tipo - Type | Colore - Colour |  |  |  |  |
|-------|------|------------------------|-----------------|---|---|---|--|
| 66579 | 1 | nero - black | 3.650 | • | | | |
| 67699 | 1 | grigio - grey Ral 7012 | 3.650 | | • | | 500 |
| 66789 | 2 | nero - black | 3.450 | • | | | |
| 67709 | 2 | grigio - grey Ral 7012 | 3.450 | | • | | 500 |





P.252

Caratteristiche - Features

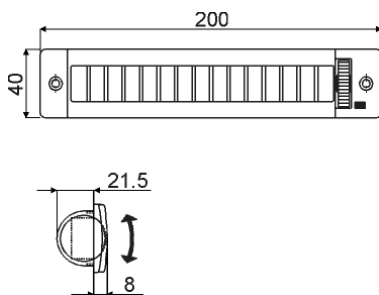
-  Poliammide fibra vetro - Glass fibre polyamide
-  Diffusore aria orientabile - Adjustable air diffuser
-  Nero - Black
-  100 pezzi - pieces
-  24,3 dm³
-  Secondo codice - According to item code
-  Sezione tecnica - Technical section pag. 33 - 40










Versioni disponibili / Available versions

| P.252 | Cod. | Tipo - Type | S |  |  |  |  |
|-------|------|-------------|-------|---|---|---|---|
| 63489 | 1 | | 6.350 | • | | | |
| 61358 | 2 | 1,5 mm | 6.100 | • | | | |
| 69189 | 2 | 3 mm | 6.100 | | • | | 1000 |

P.110



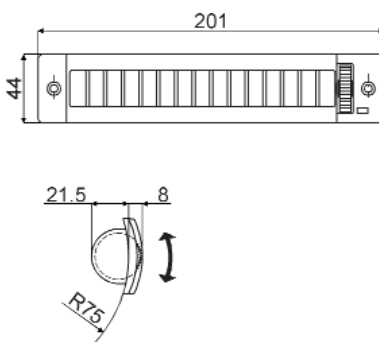
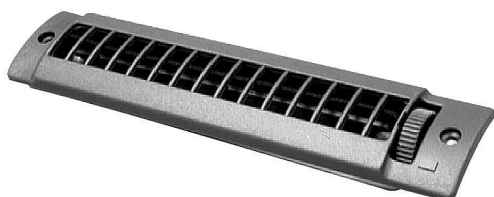
Caratteristiche - Features

-  Poliammide fibra vetro - Glass fibre polyamide
-  Diffusore aria orientabile - Adjustable air diffuser
-  Secondo codice - According to item code
-  100 pezzi - pieces
-  35,2 dm³
-  5.400 g
-  Sezione tecnica - Technical section pag. 33 - 40







Versioni disponibili / Available versions

| P.110 | Cod. | Colore - Colour |  |  |  |
|-------|-------|------------------------|---|---|---|
| | 64750 | nero - black | | | • |
| | 67498 | grigio - grey Ral 7012 | | | • 1000 |

P.110bis



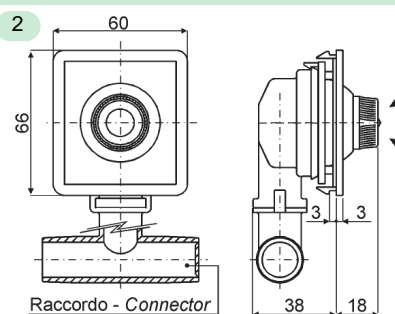
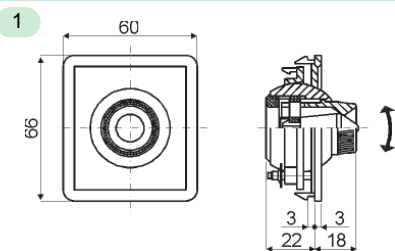
Caratteristiche - Features

-  Poliammide fibra vetro - Glass fibre polyamide
-  Diffusore aria orientabile - Adjustable air diffuser
-  Secondo codice - According to item code
-  100 pezzi - pieces
-  35,2 dm³
-  5.400 g
-  Sezione tecnica - Technical section pag. 33 - 40










Versioni disponibili / Available versions

| P.110bis | Cod. | Colore - Colour |  |  |  |
|----------|-------|------------------------|---|---|---|
| | 60138 | nero - black | | | • 500 |
| | 67987 | grigio - grey Ral 7012 | | | • 500 |
| | 65411 | grigio - grey Ral 7001 | | | • 1000 |

P.162



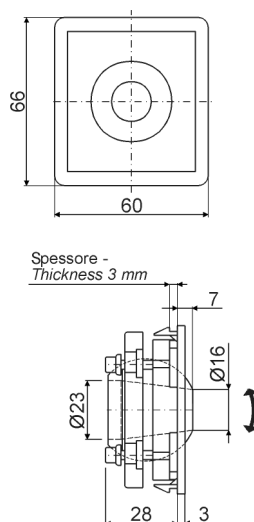
Caratteristiche - Features

-  Poliammide fibra vetro - Glass fibre polyamide
-  Diffusore aria orientabile - Adjustable air diffuser
-  Grigio - Grey Ral 7012
-  Secondo codice - According to item code
-  Secondo codice - According to item code
-  Secondo codice - According to item code
-  2, 3 pag. 32
-  4, 6 pag. 32
-  Sezione tecnica - Technical section pag. 33 - 41









Versioni disponibili / Available versions

| P.162 | Cod. | Tipo - Type | n° | dm³ | gr | Icona 1 | Icona 2 | Icona 3 |
|-------|------|-----------------------------------|-----|------|--------|---------|---------|---------|
| 65907 | 1 | | 50 | 24,3 | 3.650 | ● | | 100 |
| 65846 | 2 | raccordo chiuso - close connector | 250 | 64 | 18.500 | ● | | |
| 65856 | 2 | raccordo aperto - open connector | 250 | 64 | 18.500 | ● | | |

P.152



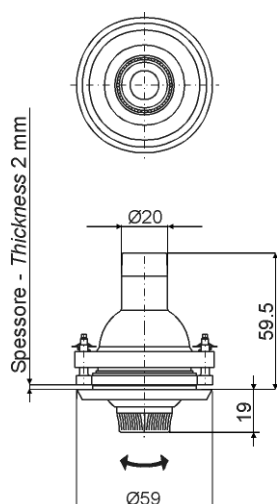
Caratteristiche - Features

-  Poliammide fibra vetro - Glass fibre polyamide
-  Diffusore aria orientabile - Adjustable air diffuser
-  Secondo codice - According to item code
-  50 pezzi - pieces
-  12,7 dm³
-  5.550 g
-  6 pag. 32
-  Sezione tecnica - Technical section pag. 33 - 42

Versioni disponibili / Available versions

| P.152 | Cod. | Colore - Colour | Icona 1 | Icona 2 | Icona 3 |
|-------|-------------------------|-----------------|---------|---------|---------|
| 63264 | nero - black | ● | | | 1000 |
| 63421 | bianco - white Ral 9016 | ● | | | 3000 |

P.193

Caratteristiche -
Features

Poliammide fibra vetro -
Glass fibre polyamide



Diffusore aria orientabile -
Adjustable air diffuser



Nero - Black



50 pezzi - pieces



24,3 dm³



4.100 g

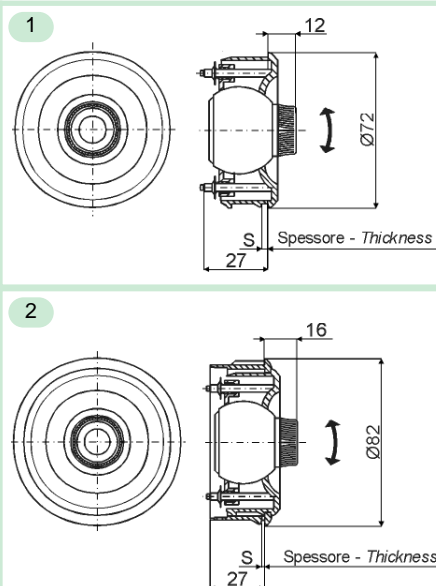


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Versioni disponibili / Available versions

| P.193 | Cod. | | | |
|-------|-------|---|-----|--|
| | | | | |
| | 66347 | • | 300 | |

P.184

Caratteristiche -
Features

Poliammide fibra vetro -
Glass fibre polyamide



Diffusore aria orientabile -
Adjustable air diffuser
Tipo 1 - Type 1 = senza cornice esterna -
without external frame
Tipo 2 - Type 2 = con cornice esterna -
with external frame



Secondo codice -
According to item code



50 pezzi - pieces



24,3 dm³



Secondo codice -
According to item code

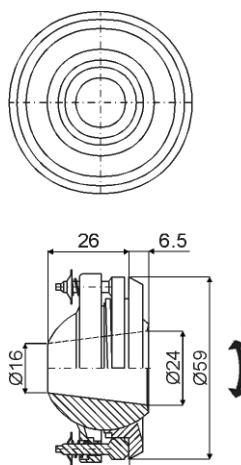


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Versioni disponibili / Available versions








| P.184 | Cod. | Tipo - Type | S | Colore - Colour | | | | |
|-------|-------|-------------|--------|------------------------|-------|---|-----|--|
| | | | | | | | | |
| | 66087 | 1 | 3 mm | grigio - grey Ral 7043 | 4.500 | • | 500 | |
| | 66097 | 1 | 3 mm | nero - black | 4.500 | • | 500 | |
| | 62859 | 2 | 1,5 mm | nero - black | 5.000 | • | 500 | |
| | 62899 | 2 | 5 mm | nero - black | 5.000 | • | 500 | |

P.79



Spessore - Thickness Min 1 / Max 2 mm

Caratteristiche - Features

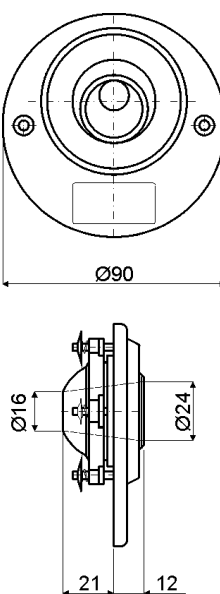
-  Secondo codice - According to item code
-  Diffusore aria orientabile - Adjustable air diffuser
-  Secondo codice - According to item code
-  Secondo codice - According to item code
-  Secondo codice - According to item code
-  Secondo codice - According to item code
-  Sezione tecnica - Technical section pag. 33 - 43

Versioni disponibili / Available versions








| P.79 | Cod. | Colore - Colour | Materiale - Material | n° | dm³ | g | Icone |
|----------|-------|-------------------------|----------------------------|-----|------|-------|--------|
| | 51810 | nero - black | PA V0* | 50 | 12,7 | 3.000 | ● 1000 |
| | 61951 | bianco - white Ral 9016 | PA | 50 | 12,7 | 3.000 | ● 3000 |
| Eco-line | | | | | | | |
| | 63379 | nero - black | PA riciclato - Recycled PA | 200 | 64 | 3.000 | ● 3000 |

*Auto-estinguente - Self-extinguishing

P.79bis



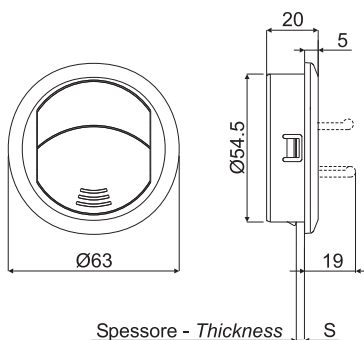
Caratteristiche - Features

-  Diffusore aria in poliammide fibra vetro, cornice in ABS - Glass fibre polyamide air diffuser, ABS frame
-  Diffusore aria orientabile - Adjustable air diffuser
-  Nero - Black
-  50 pezzi - pieces
-  24,3 dm³
-  2.900 g
-  Sezione tecnica - Technical section pag. 33 - 44

Versioni disponibili / Available versions

| P.79bis | Cod. | Icone |
|---------|-------|-------|
| | 51850 | ● 500 |

P.343



Spessore - Thickness S

Caratteristiche - Features



Secondo codice - According to item code



Diffusore aria orientabile - Adjustable air diffuser



Nero - Black



Secondo codice - According to item code



Secondo codice - According to item code



Secondo codice - According to item code



Sezione tecnica - Technical section pag. 33 - 44

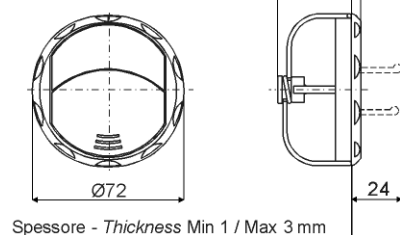
Versioni disponibili / Available versions

| P.343 | Cod. | Materiale - Material | S | n° | dm | g | mm | mm | mm |
|----------|---|----------------------|-----|------|-------|---|------|----|----|
| 62349 | ABS termoresistente - Thermoresistent ABS | 3 mm | 50 | 7 | 1.050 | • | | | |
| 64671 | ABS termoresistente - Thermoresistent ABS | 2 mm | 50 | 7 | 1.050 | • | 1000 | | |
| Eco-line | | | | | | | | | |
| 63299 | ABS riciclato - Recycled ABS | 3 mm | 200 | 35,2 | 3.500 | • | 1000 | | |

P.29bis

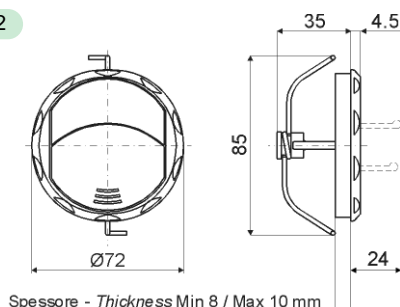


1



Spessore - Thickness Min 1 / Max 3 mm

2



Spessore - Thickness Min 8 / Max 10 mm

Caratteristiche - Features



Secondo codice - According to item code



Diffusore aria orientabile - Adjustable air diffuser



Secondo codice - According to item code



Secondo codice - According to item code



Secondo codice - According to item code



Secondo codice - According to item code



1 pag. 32



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Versioni disponibili / Available versions

| P.29bis | Cod. | Tipo - Type | Colore - Colour | Materiale - Material | S | n° | dm | g | mm | mm | mm |
|----------|------|------------------------|-------------------------------------|----------------------|-----|------|-------|---|------|----|----|
| 61528 | 1 | nero - black | PA + fibra vetro - PA + glass fibre | Min1/max3 | 50 | 24,3 | 2.100 | • | | | |
| 60028 | 1 | grigio - grey Ral 7004 | PA + fibra vetro - PA + glass fibre | Min1/max3 | 50 | 24,3 | 2.100 | • | | | |
| 63001 | 2 | nero - black | PA + fibra vetro - PA + glass fibre | Min8/max10 | 50 | 24,3 | 2.100 | • | 3000 | | |
| Eco-line | | | | | | | | | | | |
| 63339 | 1 | nero - black | ABS riciclato - Recycled ABS | Min1/max3 | 200 | 64 | 7.800 | • | 1000 | | |

P.145

Caratteristiche - Features



Secondo codice -
According to item code



Diffusore aria orientabile -
Adjustable air diffuser



Secondo codice -
According to item code



Secondo codice -
According to item code



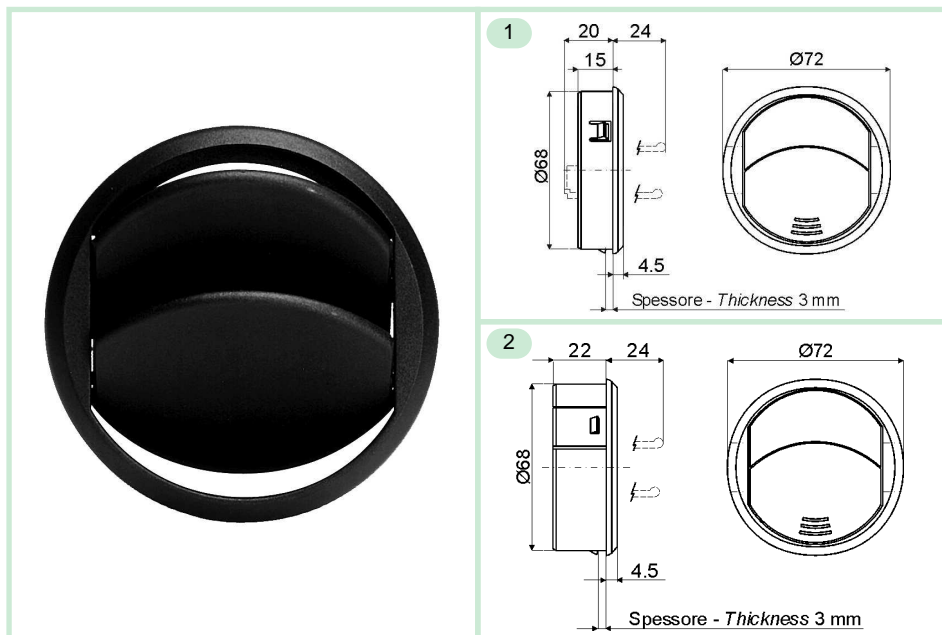
Secondo codice -
According to item code



Secondo codice -
According to item code



Sezione tecnica - Technical section
pag. 33 - 45



Versioni disponibili / Available versions

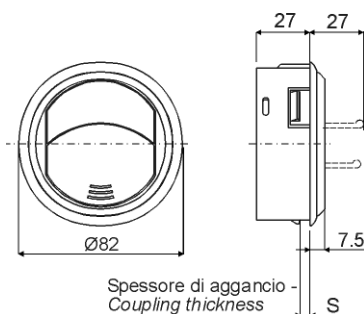
| P.145 | Cod. | Tipo - Type | Colore - Colour | Materiale - Material | n° | dm | gk | mb | mb |
|-------|------|--|--|----------------------|------|-------|----|------|----|
| 61819 | 1 | nero - black | PA + fibra vetro - PA + glass fibre | 100 | 24,3 | 2.750 | • | | |
| 61839 | 1 | grigio - grey Ral 7043 | PA + fibra vetro - PA + glass fibre | 100 | 24,3 | 2.750 | • | | |
| 62892 | 1 | grigio - grey Ral 7006 | PA + fibra vetro - PA + glass fibre | 100 | 24,3 | 2.750 | • | 500 | |
| 63119 | 1 | grigio - grey Ral 7004 | PA + fibra vetro - PA + glass fibre | 100 | 24,3 | 2.750 | • | 500 | |
| 61829 | 1 | nero - black | PA V0 + fibra vetro - PA V0 + glass fibre* | 100 | 24,3 | 2.750 | • | 3000 | |
| 61849 | 1 | grigio - grey Ral 7043 | PA V0 + fibra vetro - PA V0 + glass fibre* | 100 | 24,3 | 2.750 | • | 3000 | |
| 62292 | 2 | nero - black | PA + fibra vetro - PA + glass fibre | 100 | 24,3 | 3.000 | • | | |
| 69945 | 2 | grigio - grey Ral 7043 | PA + fibra vetro - PA + glass fibre | 100 | 24,3 | 3.000 | • | | |
| 68431 | 2 | grigio - grey Ral 7037 | PA + fibra vetro - PA + glass fibre | 100 | 24,3 | 3.000 | • | 500 | |
| 63109 | 2 | grigio - grey Ral 7004 | PA + fibra vetro - PA + glass fibre | 100 | 24,3 | 3.000 | • | 500 | |
| 65021 | 2 | grigio - grey Ral 7001 | PA + fibra vetro - PA + glass fibre | 100 | 24,3 | 3.000 | • | 500 | |
| 68097 | 2 | nero - black | PA V0 + fibra vetro - PA V0 + glass fibre* | 100 | 24,3 | 3.000 | • | 3000 | |
| 66731 | 2 | anello nero, farfalle grigie - black ring, flap grey Ral 7001 | PA + fibra vetro - PA + glass fibre | 100 | 24,3 | 3.000 | • | 1000 | |

Eco-line

| | | | | | | | | | |
|-------|---|--------------|------------------------------|-----|-------|-------|---|------|--|
| 63259 | 1 | nero - black | ABS riciclato - Recycled ABS | 200 | 35,20 | 5.000 | • | 3000 | |
| 63249 | 2 | nero - black | ABS riciclato - Recycled ABS | 200 | 35,20 | 5.150 | • | 3000 | |

*Auto-estinguente - Self-extinguishing

P.236

Caratteristiche -
Features

Secondo codice -
According to item code



Diffusore aria orientabile -
Adjustable air diffuser



Secondo codice -
According to item code



Secondo codice -
According to item code



Secondo codice -
According to item code



Secondo codice -
According to item code



P.129 pag. 29
P.87-P.88 pag. 30



Sezione tecnica - *Technical section*
pag. 33 - 46

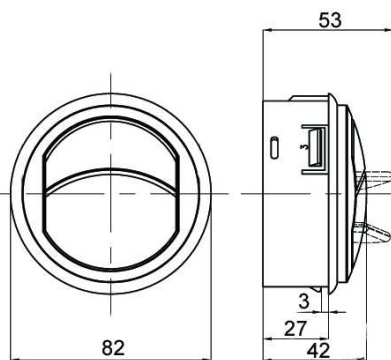
Versioni disponibili / Available versions

| P.236 | Cod. | Colore - Colour | Materiale - Material | S | m² | dm³ | kg | mm | mm | mm |
|-------|------|------------------------|-------------------------------------|--------|----|------|-------|----|------|----|
| 63009 | | nero - black | PA + fibra vetro - PA + glass fibre | 1.5 mm | 50 | 24,3 | 2.650 | • | 3000 | |
| 65718 | | nero - black | PA + fibra vetro - PA + glass fibre | 3 mm | 50 | 24,3 | 2.650 | • | | |
| 60051 | | grigio - grey Ral 7043 | PA + fibra vetro - PA + glass fibre | 3 mm | 50 | 24,3 | 2.650 | • | 500 | |
| 67597 | | nero - black | PA + fibra vetro - PA + glass fibre | 5 mm | 50 | 24,3 | 2.650 | • | | |
| 61712 | | grigio - grey Ral 7006 | PA + fibra vetro - PA + glass fibre | 5 mm | 50 | 24,3 | 2.650 | • | 500 | |
| 62921 | | grigio - grey Ral 7043 | PA + fibra vetro - PA + glass fibre | 5 mm | 50 | 24,3 | 2.650 | • | 500 | |

Eco-line

| | | | | | | | | | | |
|-------|--|--------------|------------------------------|------|-----|----|--------|---|------|--|
| 63269 | | nero - black | ABS riciclato - Recycled ABS | 5 mm | 200 | 64 | 10.000 | • | 2000 | |
|-------|--|--------------|------------------------------|------|-----|----|--------|---|------|--|

P.350

Caratteristiche -
Features

ABS termoresistente -
Thermoresistant ABS



Diffusore aria orientabile -
Adjustable air diffuser



Nero - Black



50 pezzi - pieces



24,3 dm³



2.700 g

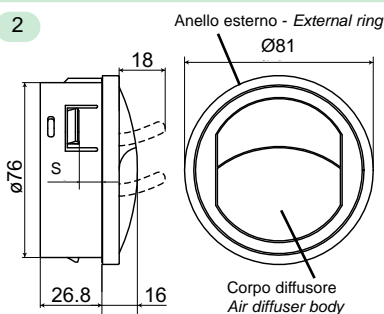
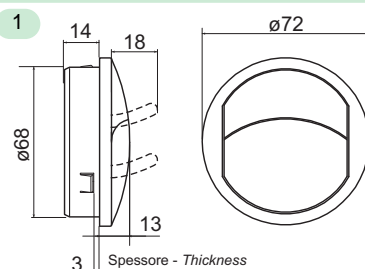


Sezione tecnica - *Technical section*
pag. 33 - 46

Versioni disponibili / Available versions

| P.350 | Cod. | mm | mm | mm |
|-------|------|----|----|----|
| 62562 | • | | | |

P.388



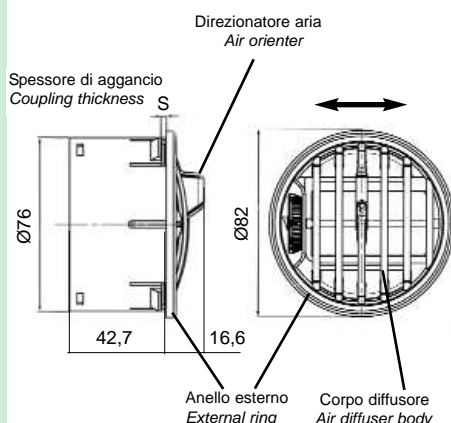
Caratteristiche - Features

- ABS termoresistente
Thermoresistent ABS
- Diffusore aria orientabile -
Adjustable air diffuser
- Nero - Black
- Secondo codice -
According to item code
- Secondo codice -
According to item code
- Secondo codice -
According to item code
- Secondo codice -
According to item code
- Sezione tecnica - Technical section
pag. 33 - 47

Versioni disponibili / Available versions

| P.388 | | | | | | | | | | | | | | |
|-----------|-----------|----|--|----------------------|---|-------------------------|-------|----|------|-------|-----|-----|---|-----|
| Cod. Code | Tipo Type | S | Corpo diffusore - Air diffuser body Colore - Colour | Finitura - Finishing | Anello esterno - External ring Sì/Yes - No | Finitura - Finishing | ☆ | nr | dm | g | dm³ | g | ☆ | dm³ |
| 67871 | 1 | 3 | nero - black | painted soft touch | No | ----- | ----- | 50 | 12,7 | 2.800 | • | 500 | | |
| 67881 | 1 | 3 | nero - black | erosa - matt | No | ----- | ----- | 50 | 12,7 | 2.800 | • | | | |
| 65032 | 2 | 10 | nero - black | erosa - matt | Yes | nero/black (standard) | P.129 | 50 | 24,3 | 4.500 | • | | | |
| 64942 | 2 | 10 | nero - black | erosa - matt | Yes | silver (lucida /bright) | P.129 | 50 | 24,3 | 4.500 | • | 500 | | |
| 65152 | 2 | 10 | nero - black | erosa - matt | Yes | silver (opaca /matt) | P.129 | 50 | 24,3 | 4.500 | • | 500 | | |
| 63832 | 2 | 10 | nero - black | painted soft touch | Yes | silver (lucida /bright) | P.129 | 50 | 24,3 | 4.500 | • | 500 | | |
| 63842 | 2 | 2 | nero - black | painted soft touch | Yes | silver (lucida /bright) | P.129 | 50 | 24,3 | 4.500 | • | 500 | | |
| 65202 | 2 | 2 | nero - black | erosa - matt | Yes | silver (lucida /bright) | P.129 | 50 | 24,3 | 4.500 | • | 500 | | |

P.405



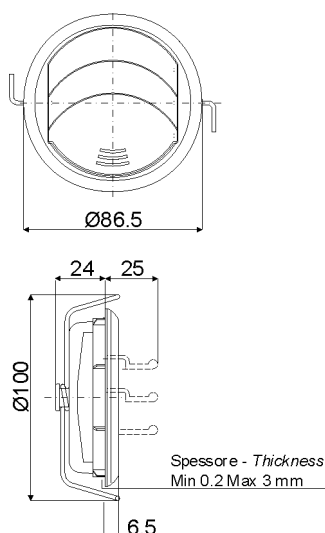
Caratteristiche - Features

- ABS termoresistente
Thermoresistent ABS
- Diffusore aria orientabile -
Adjustable air diffuser
- Secondo codice -
According to item code
- 50 pezzi - pieces
- 24,3 dm³
- 5.700 g
- P.129 pag. 29
- Sezione tecnica - Technical section
pag. 33 - 48









Versioni disponibili / Available versions

| P.405 | | | | | | |
|-----------|------|--|--|---|---|-----|
| Cod. Code | S | Corpo diffusore - Air diffuser body Colore - Colour | Anello esterno - External ring Finitura - Finishing | Direzionatore aria - Air orienter Finitura - Finishing | ☆ | dm³ |
| 65442 | 2 mm | nero - black | silver (lucida /bright) | silver (lucida /bright) | • | |
| 65502 | 5 mm | nero - black | silver (lucida /bright) | silver (lucida /bright) | • | |




P.29



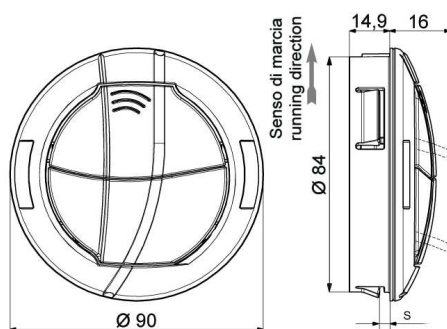
Caratteristiche - Features

-  Secondo codice - According to item code
-  Diffusore aria orientabile - Adjustable air diffuser
-  Secondo codice - According to item code
-  50 pezzi - pieces
-  24,3 dm³
-  2.400 g
-  1 pag. 32
-  Sezione tecnica - Technical section pag. 33 - 48

Versioni disponibili / Available versions








| P.29 | Cod. | Colore - Colour | Materiale - Material |  |  |  |
|------|-------|------------------------|---|---|---|---|
| | 62769 | nero - black | Bayblend: ABS + Policarbonato | • | | |
| | 63422 | grigio - grey Ral 7012 | ABS termoresistente - Thermoresistent ABS | | • | 2000 |

P.410






S= spessore di aggancio / Coupling thickness
Min. 3,5 mm - Max. 4mm

Caratteristiche - Features

-  Poliammide + fibra vetro Polyammide + glass fibre
-  Diffusore aria orientabile - Adjustable air diffuser
-  Nero - Black
-  50 pezzi - pieces
-  18 dm³
-  3.400 g
-  Sezione tecnica - Technical section pag. 33 - 52

Versioni disponibili / Available versions

| P.410 | Cod. |  |  |  |
|-------|-------|---|---|---|
| | 69501 | • | | |

P.115

Caratteristiche - Features



Secondo codice -
According to item code



Diffusore aria orientabile -
Adjustable air diffuser



Nero - Black



Secondo codice -
According to item code



Secondo codice -
According to item code



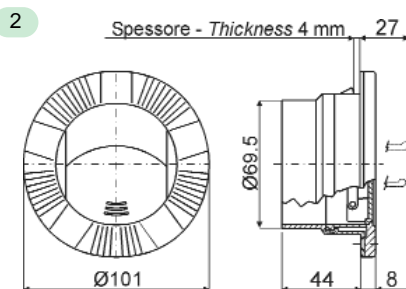
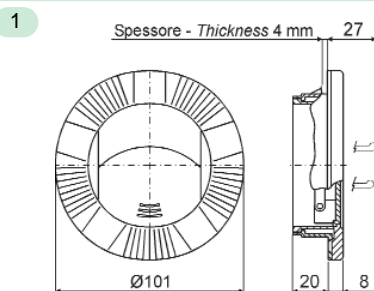
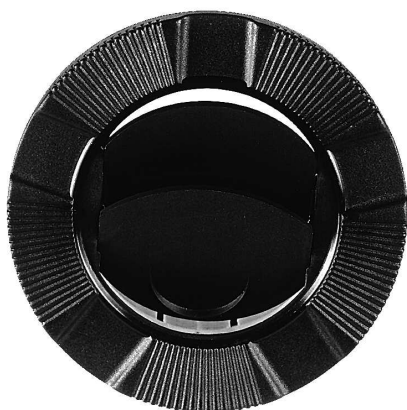
Secondo codice -
According to item code



Secondo codice -
According to item code



Sezione tecnica - Technical section
pag. 33 - 51



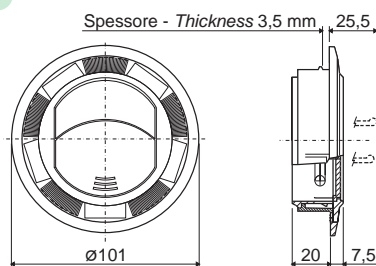
Versioni disponibili / Available versions

| P.115 | Cod. | Tipo - Type | Materiale - Material | ☆ | n° | dm | gr | △ | ✕ | mb |
|----------|------|-------------------------------------|----------------------|-----|------|--------|----|------|---|----|
| 66221 | 1 | PA + fibra vetro - PA + glass fibre | - | 50 | 24,3 | 4.000 | ● | | | |
| 66231 | 2 | PA + fibra vetro - PA + glass fibre | P.325 pag. 31 | 50 | 35,2 | 4.750 | ● | | | |
| Eco-line | | | | | | | | | | |
| 63239 | 1 | ABS riciclato - Recycled ABS | - | 200 | 64 | 13.400 | ● | 3000 | | |

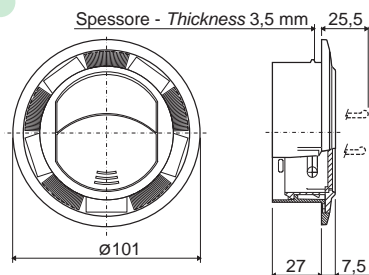
P.83



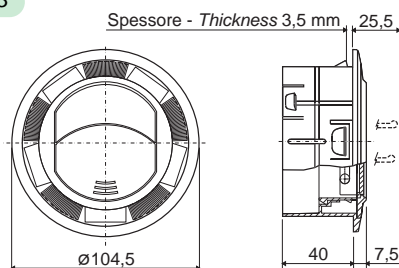
1



2



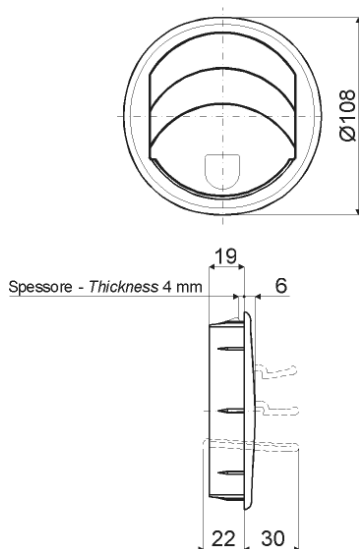
3

Caratteristiche -
FeaturesSecondo codice -
According to item codeDiffusore aria orientabile -
Adjustable air diffuser
Tipo 1 - Type 1 = corto - short
Tipo 2 - Type 2 = lungo - long
Tipo 3 - Type 3 = ad innesto rapido -
fast trip couplingSecondo codice -
According to item codeSecondo codice -
According to item codeSecondo codice -
According to item codeSecondo codice -
According to item codeSecondo codice -
According to item codeSezione tecnica - Technical section
pag. 33 - 49 - 50

Versioni disponibili / Available versions

| P.83 | Cod. | Tipo - Type | Colore - Colour | Materiale - Material | ☆ | n° | dm | 92 | △ | ✕ | mb |
|----------|------|------------------------|-------------------------------------|----------------------|-----|-------|--------|----|------|---|----|
| 66201 | 1 | nero - black | PA + fibra vetro - PA + glass fibre | - | 50 | 24,3 | 3.400 | • | | | |
| 65371 | 2 | grigio - grey Ral 7001 | PA + fibra vetro - PA + glass fibre | P.129-87-88 | 50 | 24,3 | 3.700 | • | 1000 | | |
| 66211 | 2 | nero - black | PA + fibra vetro - PA + glass fibre | P.129-87-88 | 50 | 24,3 | 3.700 | • | | | |
| 60118 | 2 | grigio - grey Ral 7043 | PA + fibra vetro - PA + glass fibre | P.129-87-88 | 50 | 24,3 | 3.700 | • | 300 | | |
| 62561 | 3 | nero - black | PA + fibra vetro - PA + glass fibre | - | 50 | 35,20 | 5.200 | • | | | |
| Eco-line | | | | | | | | | | | |
| 63279 | 1 | nero - black | ABS riciclato - Recycled ABS | - | 200 | 95,7 | 12.470 | • | 3000 | | |
| 63289 | 2 | nero - black | ABS riciclato - Recycled ABS | P.129-87-88 | 200 | 95,7 | 12.700 | • | 3000 | | |

P.316



Caratteristiche - Features



Secondo codice -
According to item code



Diffusore aria orientabile a tre alette -
Three fins adjustable air diffuser



Nero - Black



50 pezzi - pieces



24,3 dm³



3.450 g

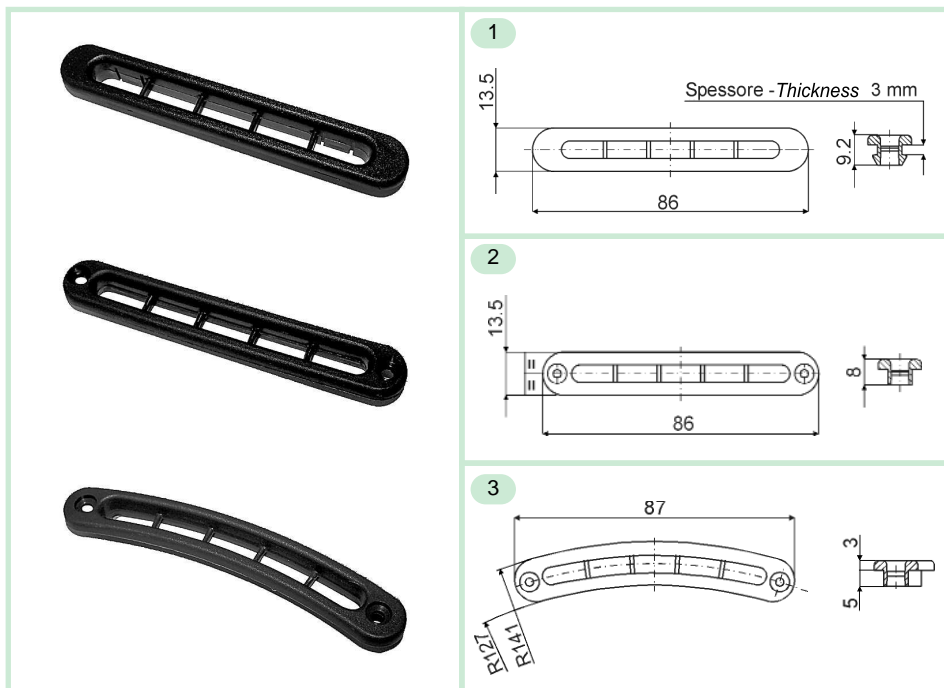


Sezione tecnica - Technical section
pag. 33 - 52

Versioni disponibili / Available versions

| P.316 | Cod. | Materiale - Material | |
|-------|---|----------------------|--|
| 67088 | ABS termoresistente - Thermoresistent ABS | • | |
| 65061 | PA + fibra di vetro - PA + glass fibre | • 500 | |

P.225



Caratteristiche - Features



Poliamide - Polyamide



Diffusore aria per sbrinatoria vetri - Air diffuser for glass defrosting



Secondo codice - According to item code



100 pezzi - pieces



2,10 dm³



Secondo codice - According to item code

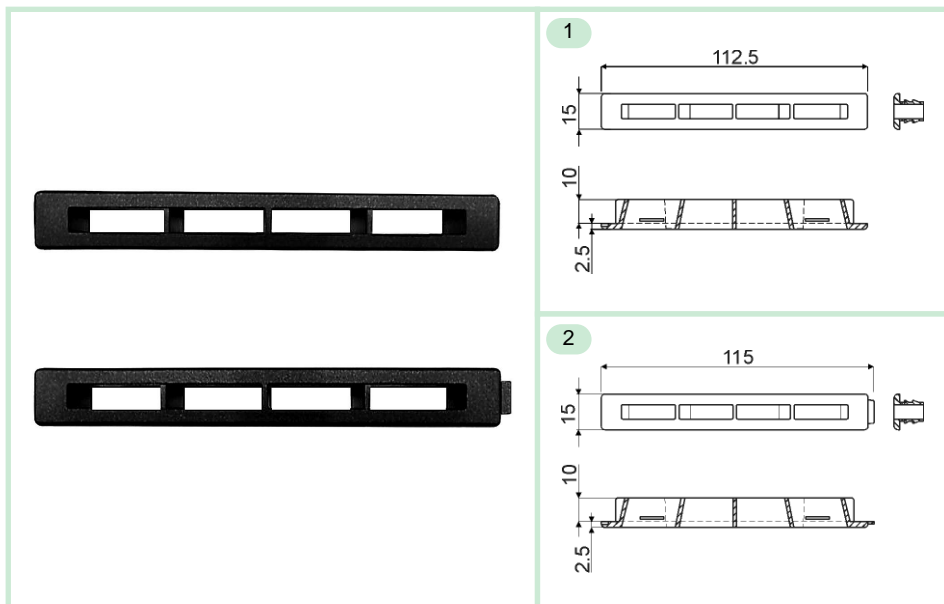


Sezione tecnica - Technical section pag. 33 - 53

Versioni disponibili / Available versions

| P.225 | Cod. | Tipo - Type | Colore - Colour | | | | |
|-------|-------|-------------|-------------------------|-----|---|------|--|
| | 60268 | 1 | nero - black | 413 | • | | |
| | 66847 | 1 | grigio - grey Ral 7012 | 413 | • | | |
| | 61521 | 1 | bianco - white Ral 9016 | 413 | • | 5000 | |
| | 67957 | 2 | nero - black | 390 | • | | |
| | 66857 | 2 | grigio - grey Ral 7012 | 390 | • | | |
| | 60018 | 3 | grigio - grey Ral 7012 | 390 | • | 500 | |
| | 63392 | 3 | nero - black | 390 | • | 500 | |

P.381



Caratteristiche - Features



Poliamide - Polyamide



Diffusore aria per sbrinatoria vetri - Air diffuser for glass defrosting



Nero - Black



100 pezzi - pieces



2,10 dm³



0.850 g










Sezione tecnica - Technical section pag. 33 - 54

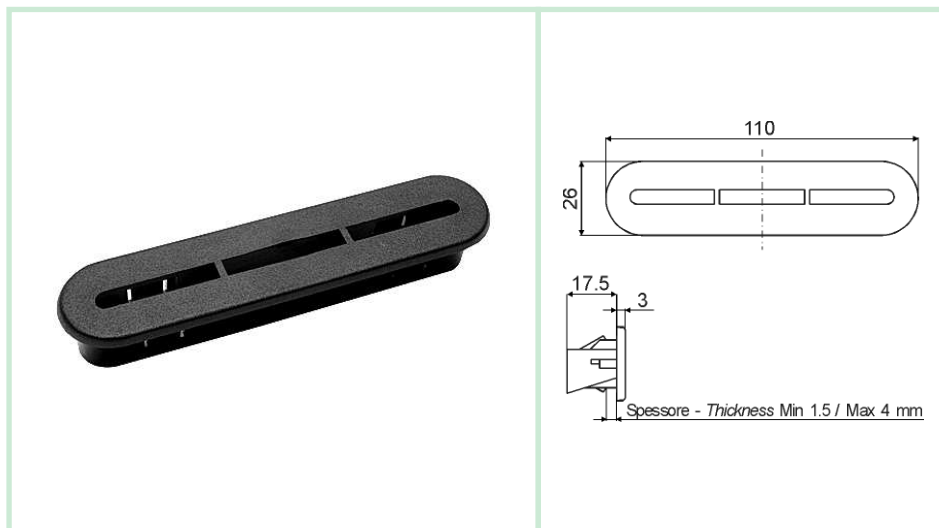
Versioni disponibili / Available versions

| P.381 | Cod. | Tipo - Type | | | |
|-------|-------|-------------|---|-----|--|
| | 65629 | 1 | • | 500 | |
| | 65619 | 2 | • | 500 | |

P.169bis

Caratteristiche - Features

-  ABS termoresistente - *Thermoresistent ABS*
-  Diffusore aria per sbrinatoria vetri - *Air diffuser for glass defrosting*
-  Secondo codice - *According to item code*
-  100 pezzi - *pieces*
-  12,7 dm³
-  2.000 g
-  Sezione tecnica - *Technical section* pag. 33 - 54










Versioni disponibili / Available versions

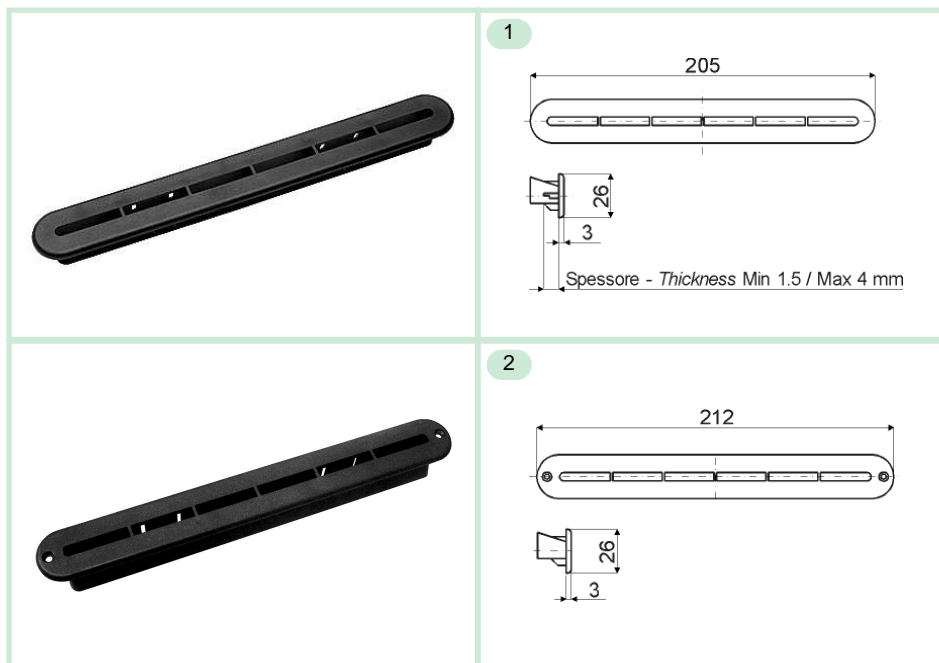
| P.169bis | Cod. | Colore - Colour | | | |
|----------|-------|------------------------|---|------|--|
| | 64007 | nero - black | ● | | |
| | 67509 | grigio - grey Ral 7012 | ● | 1000 | |

P.169

Caratteristiche - Features

-  ABS termoresistente - *Thermoresistent ABS*
-  1. Diffusore aria per sbrinatoria vetri senza fori di fissaggio - *Air diffuser for glass defrosting without fastening holes*

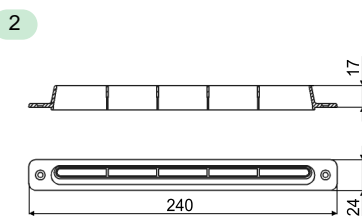
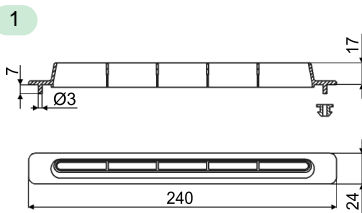
2. Diffusore aria per sbrinatoria vetri con fori di fissaggio - *Air diffuser for glass defrosting with fastening holes*
-  Secondo codice - *According to item code*
-  100 pezzi - *pieces*
-  24,3 dm³
-  Secondo codice - *According to item code*
-  Sezione tecnica - *Technical section* pag. 33 - 54



Versioni disponibili / Available versions

| P.169 | Cod. | Tipo - Type | Colore - Colour | | | | |
|-------|-------|-------------|------------------------|-------|---|-----|--|
| | 64017 | 1 | nero - black | 3.200 | ● | | |
| | 63459 | 1 | grigio - grey Ral 7012 | 3.200 | ● | | |
| | 63919 | 2 | nero - black | 3.400 | ● | | |
| | 64929 | 2 | grigio - grey Ral 7012 | 3.400 | ● | 500 | |

P.168



Caratteristiche - Features



ABS termoresistente -
Thermoresistent ABS



Diffusore aria per sbrinatoria vetri -
Air diffuser for glass defrosting



Nero - Black



100 pezzi - pieces



24,3 dm³



2.900 g



5 pag.32

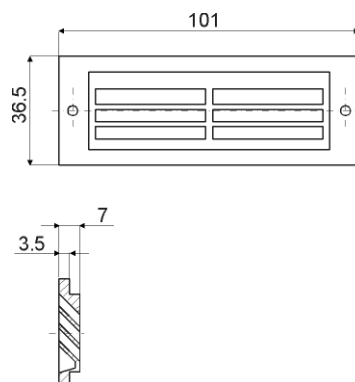


Sezione tecnica - Technical section
pag. 33 - 55

Versioni disponibili / Available versions

| P.168 | Cod. | Tipo - Type | |
|-------|-------|---|-------|
| | 63987 | 1 con boccole - with bushes | • |
| | 69459 | 2 con fori e viti - with holes and screws | • 500 |

P.81



Caratteristiche - Features



Secondo codice -
According to item code



Diffusore aria - Air diffuser



Secondo codice -
According to item code



100 pezzi - pieces



7 dm³



1.400 g

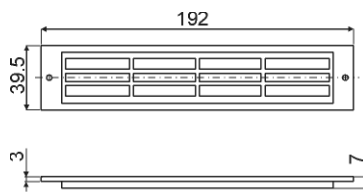


Sezione tecnica - Technical section
pag. 33 - 56

Versioni disponibili / Available versions

| P.81 | Cod. | Colore - Colour | Materiale - Material | |
|------|-------|------------------------|---------------------------------------|--------|
| | 51870 | nero - black | ABS | • |
| | 66367 | grigio - grey Ral 7015 | ABS | • 1000 |
| | 65041 | grigio - grey Ral 7001 | PA6 + fibra vetro - PA6 + glass fibre | • 1000 |

P.123



Caratteristiche - Features



ABS



Diffusore aria - Air diffuser



Secondo codice - According to item code



50 pezzi - pieces



7 dm³



1.350 g

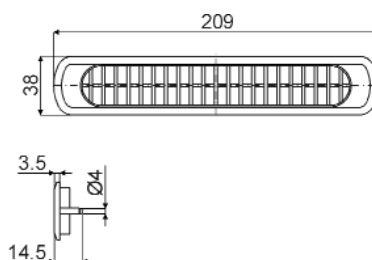


Sezione tecnica - Technical section
pag. 33 - 56

Versioni disponibili / Available versions

| P.123 | Cod. | Colore - Colour | | | |
|-------|-------|------------------------|---|--|---|
| | 68900 | nero - black | • | | |
| | 65582 | grigio - grey Ral 7012 | • | | |
| | 64562 | grigio - grey Ral 7001 | | | • |

P.194



Caratteristiche - Features



ABS



Diffusore aria - Air diffuser



Secondo codice - According to item code



100 pezzi - pieces



24,3 dm³



3.350 g



7 pag. 32

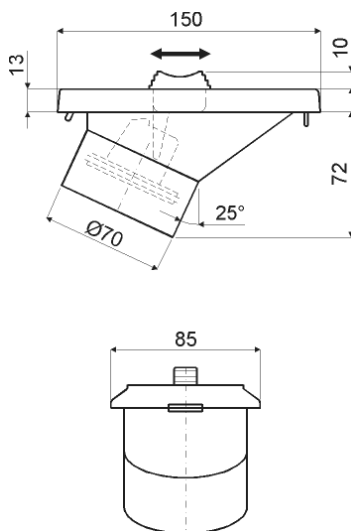
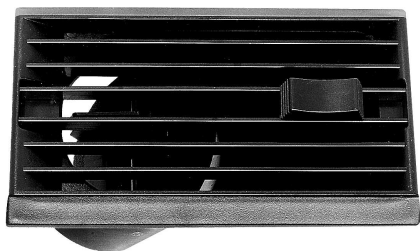


Sezione tecnica - Technical section
pag. 33 - 56

Versioni disponibili / Available versions

| P.194 | Cod. | Colore - Colour | | | |
|-------|-------|-------------------------|---|--|--------|
| | 65767 | nero - black | • | | |
| | 67319 | grigio - grey Ral 7012 | • | | |
| | 60172 | grigio - grey Ral 7044 | | | • 500 |
| | 65911 | avorio - ivory Ral 8010 | | | • 1000 |

P.85



Caratteristiche - Features



ABS



Diffusore aria per sbrinatoria vetri -
Air diffuser for glass defrosting



Nero - Black



50 pezzi - pieces



64 dm³



6.350 g



P.325 pag. 31

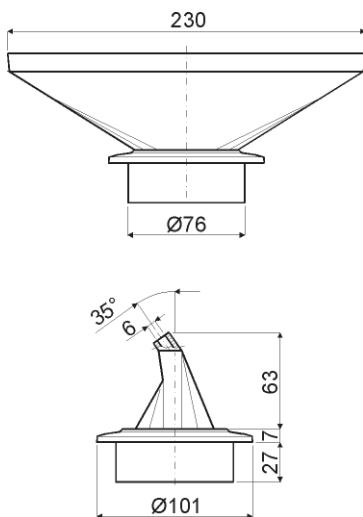


Sezione tecnica - Technical section
pag. 33 - 57

Versioni disponibili / Available versions

| P.85 | Cod. | ▲ | ✕ | ■ |
|-------|------|---|---|---|
| 52050 | • | | | |

P.84



Caratteristiche - Features



Poliammide - Polyamide



Diffusore aria a flusso orientabile -
Adjustable air diffuser



Nero - Black



50 pezzi - pieces



95,7 dm³



6.900 g



P.129 pag. 29
P.87-P.88 pag. 30

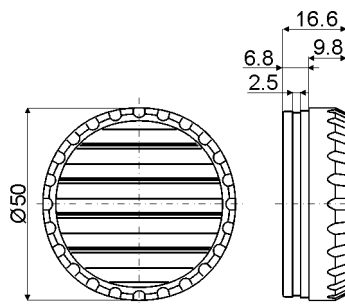


Sezione tecnica - Technical section
pag. 33 - 58 - 59

Versioni disponibili / Available versions

| P.84 | Cod. | ▲ | ✕ | ■ |
|-------|--------|---|---|---|
| 52020 | • 1000 | | | |

P.82



Caratteristiche - Features



ABS



Diffusore aria - Air diffuser



Nero - Black



100 pezzi - pieces



7 dm³



1.600 g

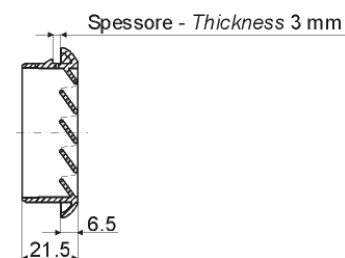
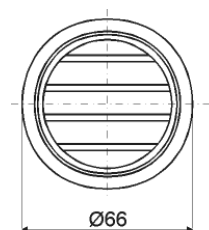


Sezione tecnica - Technical section
pag. 33 - 60

Versioni disponibili / Available versions

| P.82 | Cod. | | | |
|------|-------|---|-----|--|
| | 51880 | • | 100 | |

P.382



Caratteristiche - Features



Poliammide fibra di vetro -
Glass fibre polyamide



Diffusore aria - Air diffuser



Secondo codice -
According to item code



100 pezzi - pieces



12,7 dm³



2.050 g

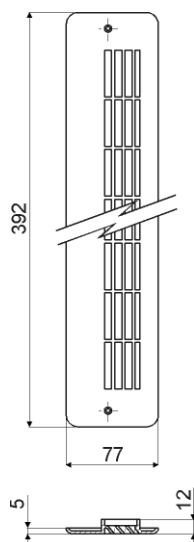


Sezione tecnica - Technical section
pag. 33 - 60

Versioni disponibili / Available versions

| P.382 | Cod. | Colore - Colour | | | |
|-------|-------|------------------------|---|------|--|
| | 65669 | nero - black | • | | |
| | 60122 | grigio - grey Ral 7005 | • | 1000 | |

P.378



Caratteristiche - Features



ABS



Griglia di aerazione -
Ventilation grid



Secondo codice -
According to item code



100 pezzi - pieces



95,7 dm³



12.000 g

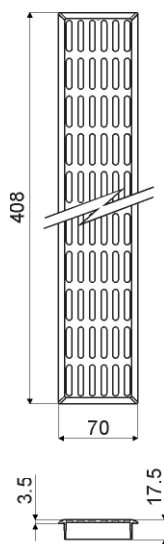
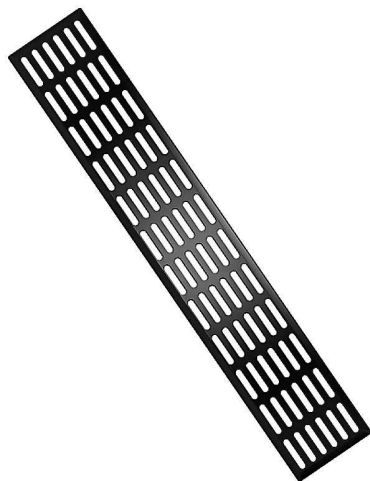


Sezione tecnica - Technical section
pag. 33 - 61

Versioni disponibili / Available versions

| P.378 | Cod. | Colore - Colour | | | |
|-------|-------|------------------------|---|------|--|
| | 65249 | grigio - grey Ral 7012 | • | 500 | |
| | 65331 | grigio - grey Ral 7001 | • | 1000 | |

P.375



Caratteristiche - Features



ABS



Griglia di aerazione -
Ventilation grid



Nero - Black



10 pezzi - pieces



11 dm³



550 g

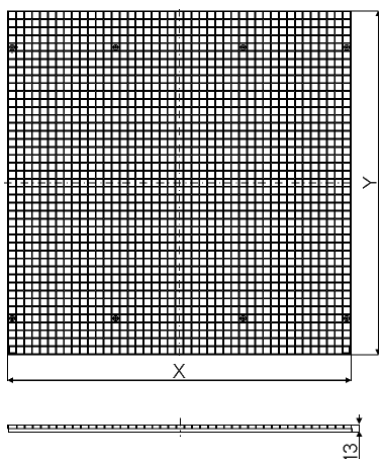
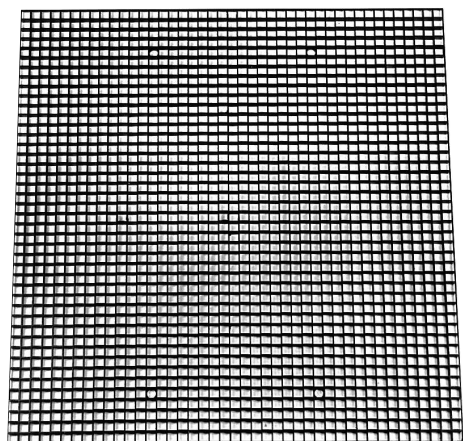


Sezione tecnica - Technical section
pag. 33 - 61

Versioni disponibili / Available versions

| P.375 | Cod. | | | |
|-------|-------|---|-----|--|
| | 63149 | • | 300 | |

P.109



Caratteristiche - Features



Secondo codice -
According to item code



Griglia di aerazione -
Ventilation grid



Secondo codice -
According to item code



10 pezzi - pieces



62,4 dm³



Secondo codice -
According to item code



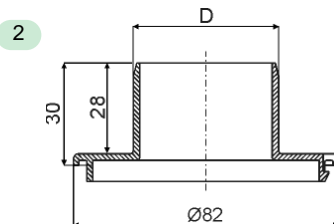
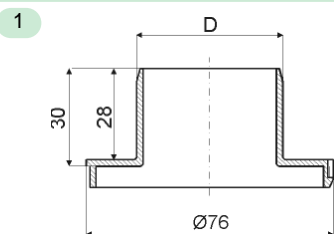
* Materiale PS non a norma secondo
la direttiva europea CE 95/28
(combustione dei materiali)

Material PS not conform to directive
95/28/EC (burning behaviour)

Versioni disponibili / Available versions

| P.109 | Cod. | Colore - Colour | Materiale - Material | x | y | Fissaggi - Fixing | | | | |
|-------|--------|------------------------|----------------------|-----|-----|-------------------|--------|---|-----|--|
| | *64850 | bianco - white | PS | 625 | 625 | 8 | 12.500 | ● | 300 | |
| | *64860 | nero - black | PS | 625 | 625 | 8 | 12.500 | ● | 300 | |
| | 66489 | nero - black | ABS | 625 | 625 | 8 | 12.500 | ● | 300 | |
| | 67151 | grigio - grey Ral 7015 | ABS | 625 | 480 | 0 | 9.600 | ● | 300 | |

P.129



Caratteristiche - Features



Poliamide + fibra vetro -
Glass fibre polyamide



Riduzione da applicare alle bocchette
P.83, P.84, P.236, P.388

Reduction to be fitted on P.83, P.84,
P.236, P.388 air diffuser



Nero - Black



50 pezzi - pieces



Secondo codice -
According to item code



Secondo codice -
According to item code

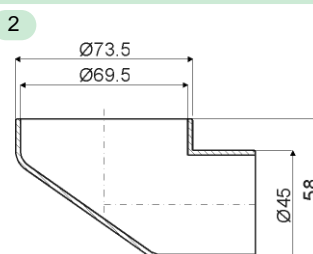
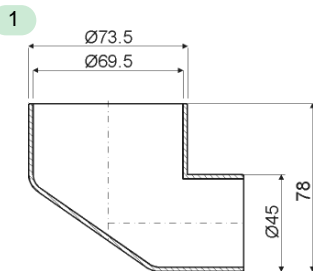


Sezione tecnica - Technical section
pag. 33 - 46 - 47 - 50 - 59

Versioni disponibili / Available versions

| P.129 | Cod. | Tipo - Type | D | | | | | |
|-------|-------|-------------|---------|------|-------|---|-----|--|
| | 63639 | 1 | 45 mm | 24,3 | 1.500 | ● | 500 | |
| | 63649 | 1 | 48,5 mm | 24,3 | 1.500 | ● | | |
| | 63659 | 1 | 53,5 mm | 24,3 | 1.500 | ● | | |
| | 63669 | 1 | 58,5 mm | 24,3 | 1.550 | ● | | |
| | 63679 | 1 | 68,5 mm | 24,3 | 1.550 | ● | | |
| | 63689 | 1 | 73,5 mm | 24,3 | 1.800 | ● | 500 | |
| | 66137 | 2 | 45 mm | 24,3 | 1.550 | ● | | |
| | 65707 | 2 | 48,5 mm | 12,7 | 1.550 | ● | | |
| | 65717 | 2 | 53,5 mm | 24,3 | 1.550 | ● | | |
| | 65887 | 2 | 58,5 mm | 24,3 | 1.600 | ● | | |
| | 65897 | 2 | 68,5 mm | 24,3 | 1.600 | ● | | |
| | 65727 | 2 | 73,5 mm | 24,3 | 1.850 | ● | | |

P.87



Caratteristiche - Features



Poliamide - Polyamide



Raccordo da applicare alle bocchette P.83 tipo lungo, P.84.

Connector to be fitted on air diffuser P.83 long type, P.84.



Nero - Black



Secondo codice - According to item code



Secondo codice - According to item code



Secondo codice - According to item code

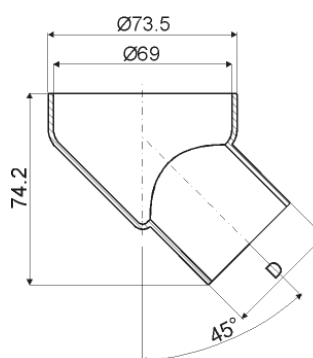


Sezione tecnica - Technical section pag. 33 - 50 - 59

Versioni disponibili / Available versions

| P.87 | Cod. | Tipo - Type | Materiale - Material | n° | dm | 94 | Technical section | 1000 |
|----------|-------|-------------|------------------------------|-----|------|--------|-------------------|------|
| | 51890 | 1 | PA6 | 50 | 35,2 | 3.200 | • | |
| | 63129 | 2 | PA6 | 50 | 35,2 | 2.700 | • | |
| Eco-line | | | | | | | | |
| | 63319 | 1 | PA6 riciclato - Recycled PA6 | 250 | 131 | 16.000 | • | 1000 |

P.88



Caratteristiche - Features



Secondo codice - According to item code



Raccordo 45° da applicare alle bocchette P.83 tipo lungo, P.84.

Connector to be fitted on air diffuser P.83 long type, P.84



Nero - Black



Secondo codice - According to item code



Secondo codice - According to item code



Secondo codice - According to item code

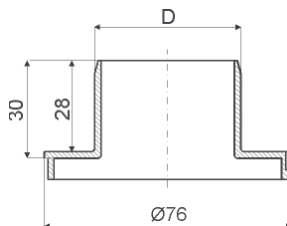


Sezione tecnica - Technical section pag. 33 - 50 - 59

Versioni disponibili / Available versions

| P.88 | Cod. | Materiale - Material | D | n° | dm | 94 | Technical section | 1000 |
|----------|-------|------------------------------|-------|-----|------|--------|-------------------|------|
| | 51900 | PA6 + FV | 45 mm | 50 | 24,3 | 2.300 | • | |
| | 65469 | PA6 + FV | 48 mm | 100 | 35,2 | 4.600 | • | 1000 |
| Eco-line | | | | | | | | |
| | 63329 | PA6 riciclato - Recycled PA6 | 45 mm | 250 | 131 | 11.500 | • | 1000 |

P.365



Caratteristiche - Features



Poliammide 66 - Polyamide 66



Riduzione per bocchette P.405
Reduction to be fitted on P.405 air diffuser



Naturale - Natural



50 pezzi - pieces



Secondo codice -
According to item code

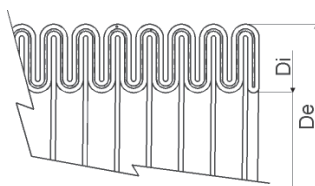
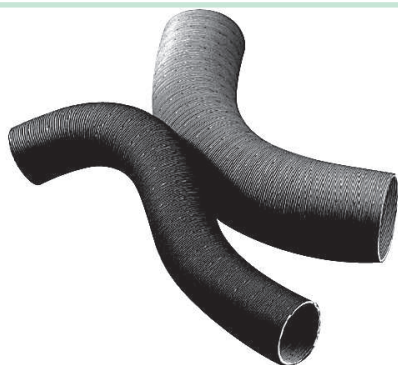


Sezione tecnica - Technical section
pag. C33 - C48

Versioni disponibili / Available versions

| P.365 | Cod. | D | dm | 99 | △ | ✕ | ▽ |
|-------|---------|------|-------|----|---|---|-----|
| 66842 | 45 mm | 24,3 | 1.500 | • | • | | 500 |
| 66852 | 48,5 mm | 24,3 | 1.500 | | • | | |
| 66862 | 53,5 mm | 24,3 | 1.500 | | • | | |
| 66872 | 58,5 mm | 24,3 | 1.550 | | • | | |
| 66882 | 68,5 mm | 24,3 | 1.550 | | • | | |
| 66892 | 73,5 mm | 24,3 | 1.800 | | | • | 500 |

P.325



Caratteristiche - Features



Interno in carta Kraft Avana, anima in alluminio, esterno in carta Kraft nera -
Havana Kraft paper inner lining, aluminium core, black Kraft paper outer covering



Tubo condizionamento aria
Air conditioning tube



Nero - Black



Secondo codice -
According to item code



Sezione tecnica - Technical section
pag. C33 - C36 - C37 - C46 - C50 - C51 - C57 - C59








Versioni disponibili / Available versions

| P.325 | Cod. | Di | De | R | ° | n° | dm | 99 | △ | ✕ | ▽ |
|-------|-------|-------|------|-----------|-------|-----|--------|----|---|---|-----|
| 64881 | 40 mm | 46 mm | 60° | -30/120°C | 100 m | 520 | 18.000 | • | • | | 500 |
| 68198 | 50 mm | 56 mm | 82° | -30/120°C | 100 m | 650 | 19.000 | • | • | | 500 |
| 68208 | 70 mm | 76 mm | 115° | -30/120°C | 100 m | 855 | 21.000 | • | • | | 500 |

Altri ø a richiesta - Other ø on request



ricambi e accessori/ spare parts and accessories

| N° | Foto / Picture | Cod. | Descrizione / Description | Fornitura / Quantity |
|----|---|---------|---|------------------------|
| 1 |  | 61119 | Rivetto di ritegno molla per diffusori aria P.29 e P.29bis / Holding rivet for P.29 and P.29bis air diffusers | 100 pezzi / pieces |
| 2 |  | 55207 | Raccordo per diffusore aria P.162 / Connector for P.162 air diffuser | 50 pezzi / pieces |
| 3 |  | A 55217 | Raccordo tipo aperto per diffusore aria P.162 / Open connector for P.162 air diffuser | 50 pezzi / pieces |
| | | B 55227 | Raccordo tipo chiuso per diffusore aria P.162 / Close connector for P.162 air diffuser | |
| 4 |  | 65747 | Tubo raccordo per P.162 / Connector hose for P.162 air diffuser | 25 m |
| 5 |  | 63997 | Boccola di fissaggio per P.168 / Fixing bush for P.168 air diffuser | 50 pezzi / pieces |
| 6 |  | 66668 | Cornice per diffusori aria P.136, P.152, P.162 / Frame for P.136, P.152, P.162 air diffusers | 50 pezzi / pieces |
| 7 |  | 62388 | Prestola di fissaggio per P.194 / Fixing plate for P.194 | 1000 pezzi / pieces |

Tutti i prodotti contenuti in questo catalogo, ove non diversamente specificato, rispondono alle seguenti direttive/normative:

- **DIRETTIVA 2001/85/CE**
(disposizioni speciali da applicare ai veicoli adibiti al trasporto passeggeri aventi più di otto posti a sedere oltre al sedile del conducente e recante modifica alle direttive 70/156/CEE e 97/27/CE)
- **DIRETTIVA 95/28/CE**
(velocità di combustione dei materiali)
- **DIRETTIVA 2000/53/CE (e successivi emendamenti: 2008/33/CE)**
(messa al bando dei metalli pesanti piombo, cadmio, mercurio e cromo esavalente)
- **DIRETTIVA 2003/11/CE (e successivi emendamenti: 2003/34; 2003/36; 2003/53; 2006/122EG; 2009/425/CE)**
(proibizione per i materiali plastici utilizzati nel settore Automotive e nelle apparecchiature elettriche di contenere percentuali superiori al 0,1% di pentabromodifenil etere - PBDE, di octabromodifenil etere - OBDE)
- **DIRETTIVA 2002/95/CE**
(messa al bando dei metalli pesanti, del polibrominato bifenile - PBB e del pentabromodifenil etere - PBDE)
- **DIRETTIVA 1907/2006/CE - (REACH)**

**I colori RAL, riferiti ai prodotti contenuti in questo catalogo, sono puramente indicativi.
Per eventuali abbinamenti o particolari necessità cromatiche contattare nostro Ufficio Commerciale**

**Per ulteriori informazioni riguardanti la conformità a normative non citate in questa pagina,
richieste specifiche riguardo agli accessori/ricambi o ai dati presenti nella sezione tecnica, si
prega di contattare il nostro Ufficio Commerciale**

All the products contained in this catalogue, unless otherwise specified, are conform to the following directives:




























- **DIRECTIVE 2001/85/EC**
Special provisions for vehicles used for the carriage of passengers comprising more than eight seats in addition to the driver's seat and amending Directives 70/156/EEC and 97/27/EC
- **DIRECTIVE 95/28/EC**
Burning behaviour of materials used in interior construction of motor vehicles
- **DIRECTIVE 2000/53/EC (and amendments: 2008/33/EC)**
On the restriction of the use of certain heavy metals such as lead, cadmium, mercury and hexavalent chromium in the manufacturing process
- **DIRECTIVE 2003/11/EC (and amendments: 2003/34; 2003/36; 2003/53; 2006/122EG; 2009/425/CE)**
On the restriction of the use of rates higher than 0.1% in weight for materials such as pentabromodiphenylether (penta BDE) and octabromodiphenylether (octa BDE) in the manufacture of vehicle components and of electrical and electronic equipment
- **DIRECTIVE 2002/95/EC**
On the restriction of the use of certain heavy metals and brominated flame retardants such as polybrominated biphenils (PBB) and polybrominated diphenyls ethers (PBDE) in new electrical and electronic equipment
- **DIRECTIVE 1907/2006/EC - (REACH)**



















**The RAL colors, referring to the products indicated on our catalogue, are purely indicative.
For eventual combinations or specific colors contact our Sales Department**

**For further information about conformity to other normative not indicated in this page,
other specific request about the accessories/spare parts or data shown in the Technical Section,
please contact our Sales department**

Sezione tecnica Technical section

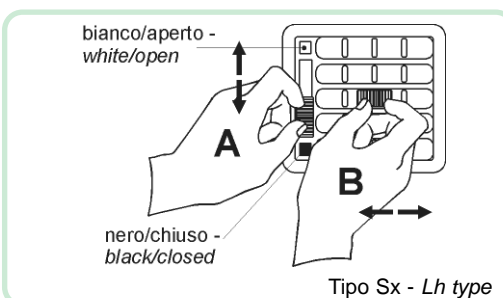
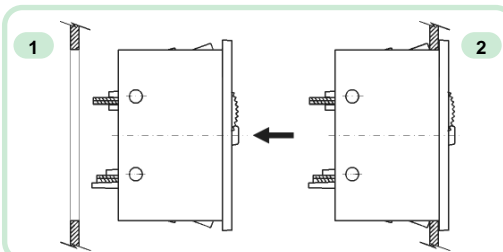
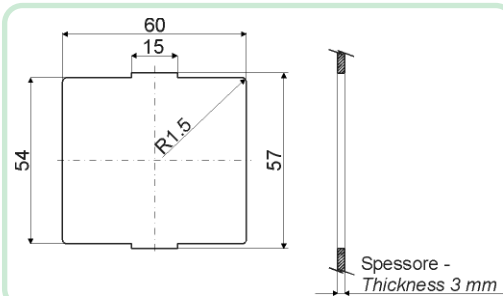
i n d i c e i n d e x

| | | |
|---|--------------|------------------|
|  | P.136 | <i>pag.36</i> |
|  | P.280 | <i>pag.36</i> |
|  | P.233 | <i>pag.37</i> |
|  | P.330 | <i>pag.37</i> |
|  | P.190 | <i>pag.38</i> |
|  | P.398 | <i>pag.38</i> |
|  | P.391 | <i>pag.39</i> |
|  | P.252 | <i>pag.40</i> |
|  | P.110 | <i>pag.40</i> |
|  | P.110bis | <i>pag.40</i> |
|  | P.162 | <i>pag.41</i> |
|  | P.152 | <i>pag.42</i> |
|  | P.193 | <i>pag.42</i> |
|  | P.184 | <i>pag.43</i> |
|  | P.79 | <i>pag.43</i> |
|  | P.79bis | <i>pag.44</i> |
|  | P.343 | <i>pag.40</i> |
|  | P.29bis | <i>pag.45</i> |
|  | P.145 | <i>pag.45</i> |
|  | P.236 - P350 | <i>pag.46</i> |
|  | P.388 | <i>pag.47</i> |
|  | P.29 | <i>pag.48</i> |
|  | P.405 | <i>pag.48</i> |
|  | P.83 | <i>pag.49-50</i> |
|  | P.115 | <i>pag.51</i> |
|  | P.316 | <i>pag.52</i> |
|  | P.410 | <i>pag.52</i> |

| | | |
|---|----------|---------------------------------|
|  | P.225 | <i>pag.53</i> |
|  | P.381 | <i>pag.54</i> |
|  | P.169bis | <i>pag.54</i> |
|  | P.169 | <i>pag.54</i> |
|  | P.168 | <i>pag.55</i> |
|  | P.123 | <i>pag.56</i> |
|  | P.194 | <i>pag.56</i> |
|  | P.81 | <i>pag.56</i> |
|  | P.85 | <i>pag.57</i> |
|  | P.84 | <i>pag.58-59</i> |
|  | P.82 | <i>pag.60</i> |
|  | P.382 | <i>pag.60</i> |
|  | P.378 | <i>pag.61</i> |
|  | P.375 | <i>pag.61</i> |
|  | P.129 | <i>pag.46-47-50-59</i> |
|  | P.88 | <i>pag.50-59</i> |
|  | P.87 | <i>pag.50-59</i> |
|  | P.325 | <i>pag.36-37-46-50-51-57-59</i> |

Diffusori aria rettangolari orientabili - Rectangular adjustable air diffusers

P.136



Dima di foratura
Drilling template



Fissaggio - Fixing:
a scatto nella dima predisposta per l'inserimento
On release into the presetted template



A Parzializzazione e chiusura flusso aria
Air flow choking and closing
B Orientamento flusso aria
Air flow adjustment

Caratteristiche - Features



Sezione utile passaggio aria -
Open air flow section: 1.000 mm²

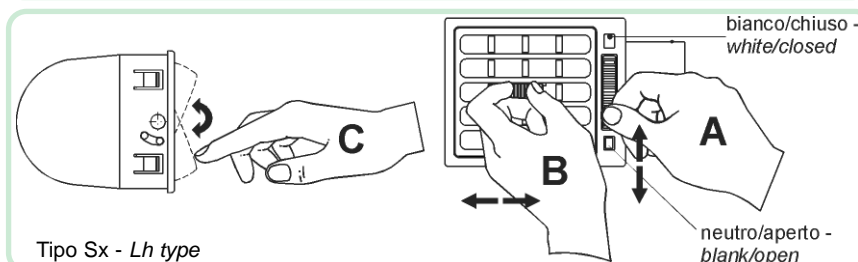
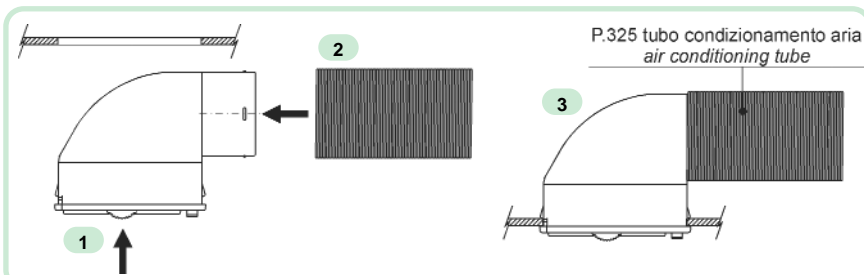
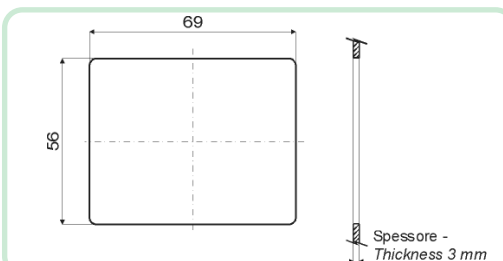


Temperatura di esercizio -
Working temperature: 0 / 70°C



Comportamento alla fiamma: conforme dir. 95/28/EC -
Behaviour under flame: agree to 95/28/EC directive

P.280



Dima di foratura
Drilling template



Fissaggio - Fixing:
a scatto nella dima predisposta per l'inserimento
On release into the presetted template



P.325 Cod.64881 Di 40 mm pag.31



A Parzializzazione e chiusura flusso aria
Air flow choking and closing
B-C Orientamento flusso aria
Air flow adjustment

Caratteristiche - Features



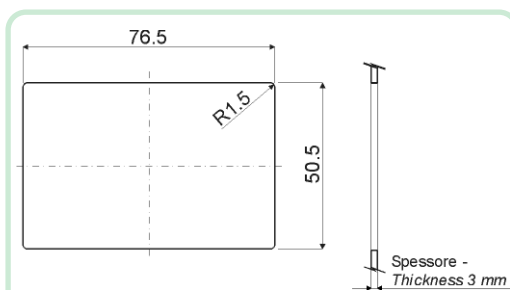
Sezione utile passaggio aria -
Open air flow section: 1.000 mm²



Temperatura di esercizio -
Working temperature: 0 / 70°C



Comportamento alla fiamma: conforme dir. 95/28/EC -
Behaviour under flame: agree to 95/28/EC directive

P.233

Dima di foratura
Drilling template



Fissaggio - *Fixing:*
a scatto nella dima predisposta per
l'inserimento
On release into the presetted template



P.330 Cod.69808 pag. 7
P.325 Cod.69198 pag. 31



A Parzializzazione e chiusura flusso aria
Air flow choking and closing
B-C Orientamento flusso aria
Air flow adjustment

Caratteristiche - *Features*



Sezione utile passaggio aria -
Open air flow section: 1.140 mm²

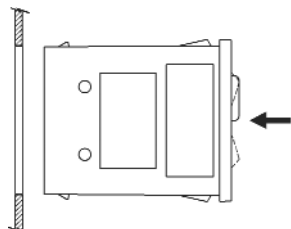


Temperatura di esercizio -
Working temperature: 0 / 70°C

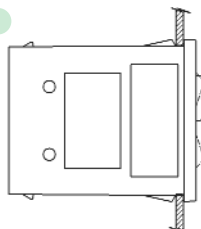


Comportamento alla fiamma: conforme dir. 95/28/EC -
Behaviour under flame: agree to 95/28/EC directive

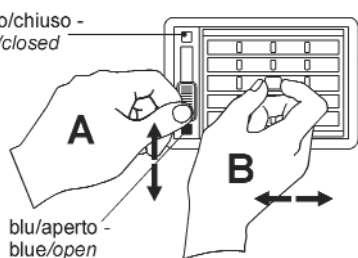
1



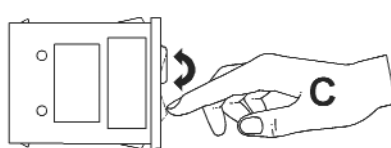
2



bianco/chiuso -
white/closed



blu/aperto -
blue/open



Tipo Sx - *Lh type*

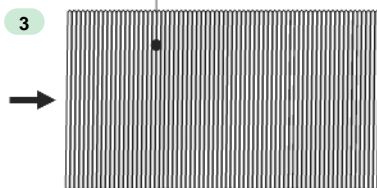
Esempi d'applicazione - *Examples of application*

A1

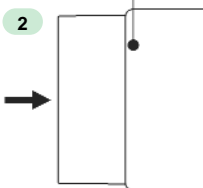
P.325 tubo condizionamento aria -
Air conditioning tube

P.330 raccordo per P.233 -
Connector for P.233

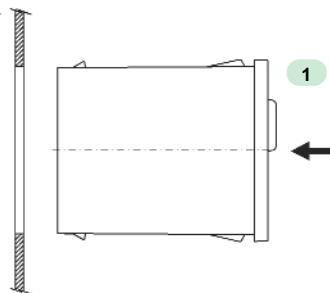
3



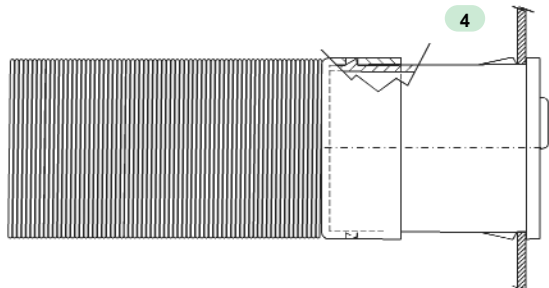
2



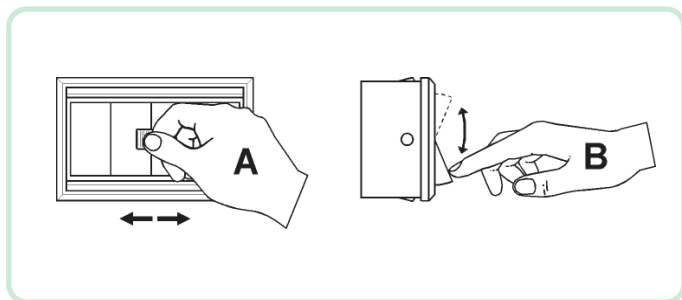
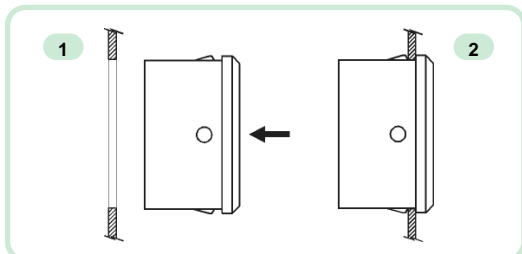
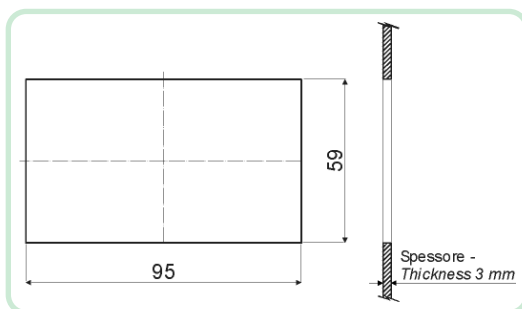
1



4



P.190



Dima di foratura
Drilling template



Fissaggio - Fixing:
a scatto nella dima predisposta per
l'inserimento -
On release into the presetted template



A Parzializzazione, chiusura e orientamento
flusso aria -
Air flow choking, closing and adjustment
B Orientamento flusso aria
Air flow adjustment

Caratteristiche - Features



Sezione utile passaggio aria -
Open air flow section: 2.500 mm²

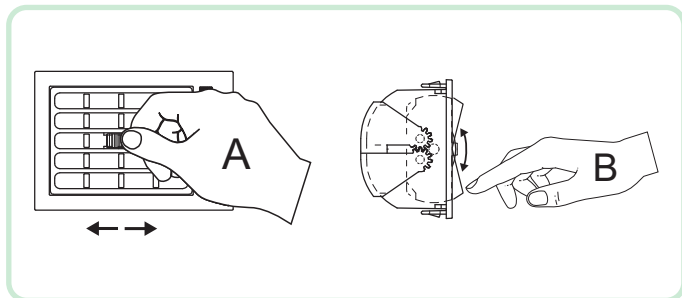
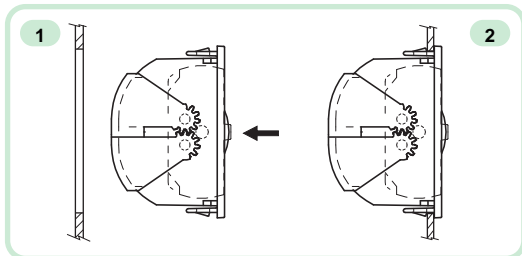
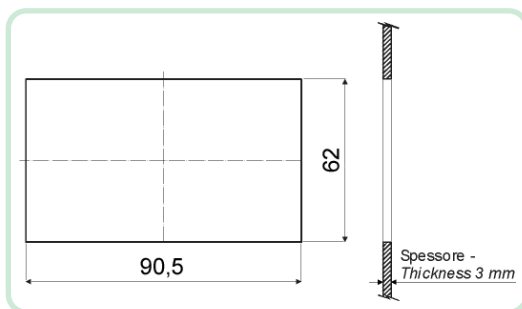


Temperatura di esercizio -
Working temperature: 0 / 70°C



Comportamento alla fiamma: conforme dir. 95/28/EC -
Behaviour under flame: agree to 95/28/EC directive

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Dima di foratura
Drilling template



Fissaggio - Fixing:
a scatto nella dima predisposta per
l'inserimento -
On release into the presetted template



A Parzializzazione, chiusura e orientamento
flusso aria -
Air flow choking, closing and adjustment
B Orientamento flusso aria
Air flow adjustment

Caratteristiche - Features



Sezione utile passaggio aria -
Open air flow section: 1.900 mm²

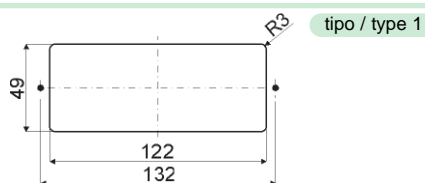


Temperatura di esercizio -
Working temperature: 0 / 70°C

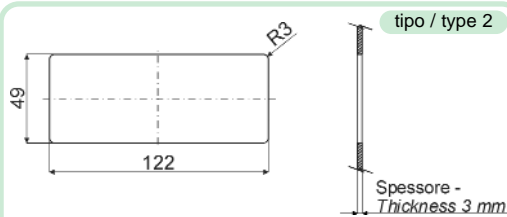


Comportamento alla fiamma: conforme dir. 95/28/EC -
Behaviour under flame: agree to 95/28/EC directive

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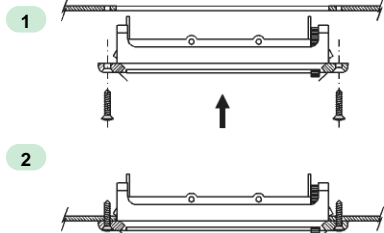
tipo / type 1



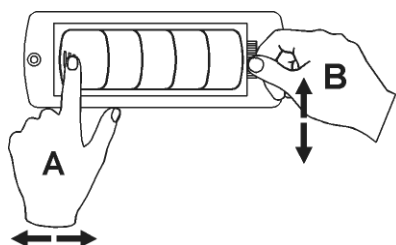
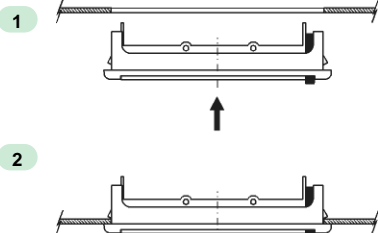
tipo / type 2

Spessore -
Thickness 3 mm

tipo / type 1



tipo / type 2



Dima di foratura
Drilling template



Fissaggio - Fixing:

tipo/type 1: viti autofilettanti $\varnothing 3.5$ mm a testa svasata (non comprese nella confezione), fori di fissaggio da dimensionarsi a seconda del materiale del supporto - $\varnothing 3.5$ mm countersunk head autothreading screws (not included in the package), fixing holes to be dimensioned according to the material of the support

tipo/type 2: a scatto nella dima predisposta per l'inserimento - On release into the presetted template



A Parzializzazione, chiusura e orientamento flusso aria -

Air flow choking, closing and adjustment

B-C Orientamento flusso aria
Air flow adjustment

Caratteristiche - Features



Sezione utile passaggio aria -
Open air flow section: 3.200 mm²



Temperatura di esercizio -
Working temperature: -10 / 120°C

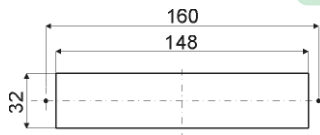


Comportamento alla fiamma: conforme dir. 95/28/EC -
Behaviour under flame: agree to 95/28/EC directive

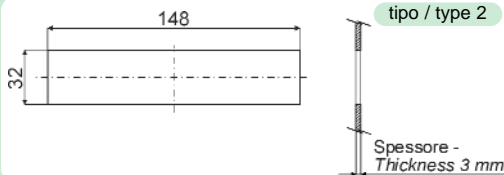
P.252



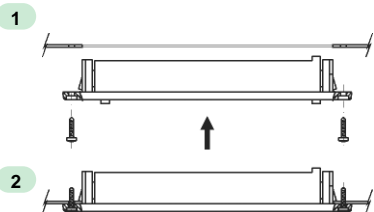
tipo / type 1



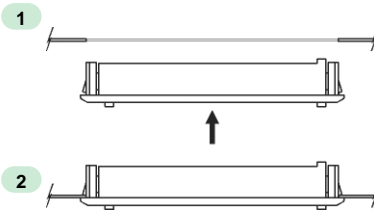
tipo / type 2



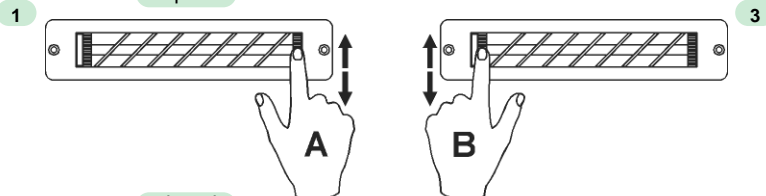
tipo / type 1



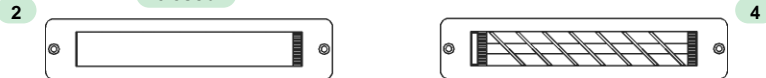
tipo / type 2



open



closed



Dima di foratura
Drilling template



Fissaggio - Fixing:

tipo/type 1: viti autofilettanti $\varnothing 3$ mm a testa piana (non comprese nella confezione), fori di fissaggio da dimensionarsi a seconda del materiale del supporto - $\varnothing 3$ mm button head autothreading screws (not included in the package), fixing holes to be dimensioned according to the material of the support

tipo/type 2: a scatto nella dima predisposta per l'inserimento - On release into the presetted template



A Parzializzazione e chiusura flusso aria - Air flow choking and closing
B Orientamento flusso aria - Air flow adjustment

Caratteristiche - Features



Sezione utile passaggio aria - Open air flow section: 1.450 mm²

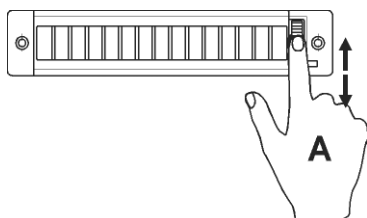
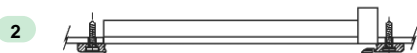
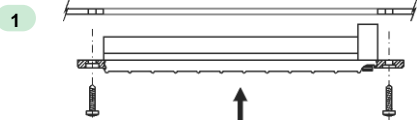
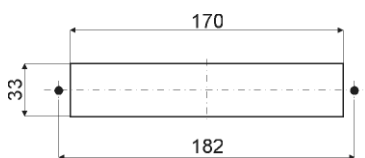


Temperatura di esercizio - Working temperature: -10 / 120°C



Comportamento alla fiamma: conforme dir. 95/28/EC - Behaviour under flame: agree to 95/28/EC directive

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Dima di foratura
Drilling template



Fissaggio - Fixing:

viti autofilettanti $\varnothing 4$ mm a testa piana (non comprese nella confezione), fori di fissaggio da dimensionarsi a seconda del materiale del supporto -

$\varnothing 4$ mm button head autothreading screws (not included in the package), fixing holes to be dimensioned according to the material of the support



A Parzializzazione, chiusura e orientamento flusso aria - Air flow choking, closing and adjustment

Caratteristiche - Features



Sezione utile passaggio aria - Open air flow section: 1.800 mm²

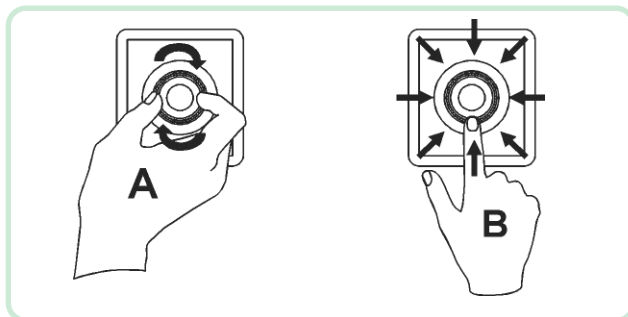
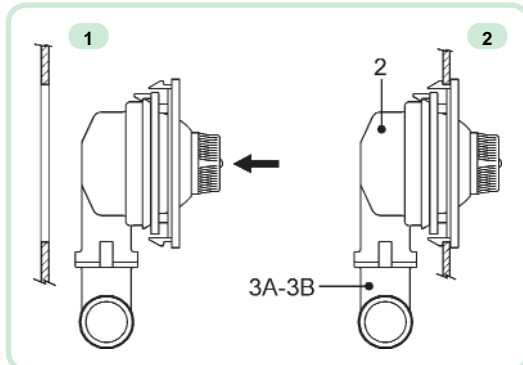
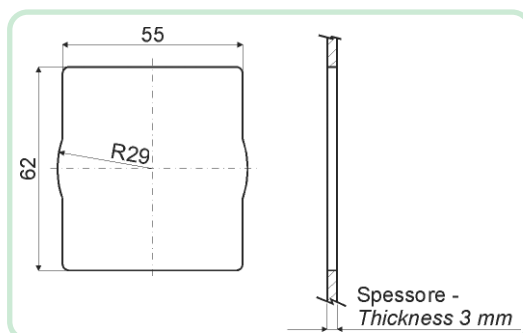


Temperatura di esercizio - Working temperature: -10 / 120°C



Comportamento alla fiamma: conforme dir. 95/28/EC - Behaviour under flame: agree to 95/28/EC directive

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Dima di foratura
Drilling template



Fissaggio - *Fixing*:
a scatto nella dima predisposta per l'inserimento -
On release into the presetted template



A Parzializzazione e chiusura flusso aria -
Air flow choking and closing
B Orientamento flusso aria -
Air flow adjustment



2, 3A, 3B, 4 - 6 pag. 32

Caratteristiche - *Features*



Sezione utile passaggio aria -
Open air flow section: 80 mm²



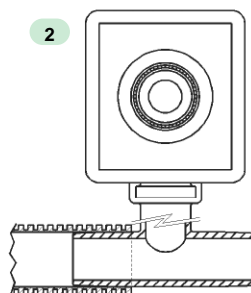
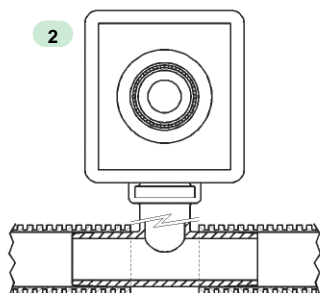
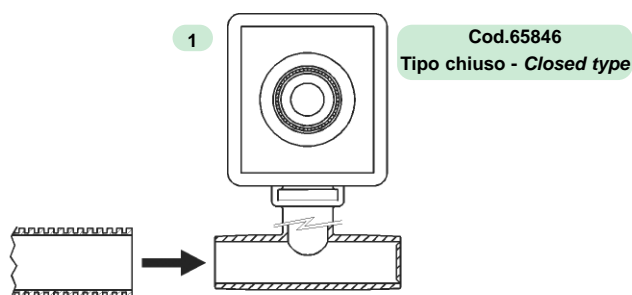
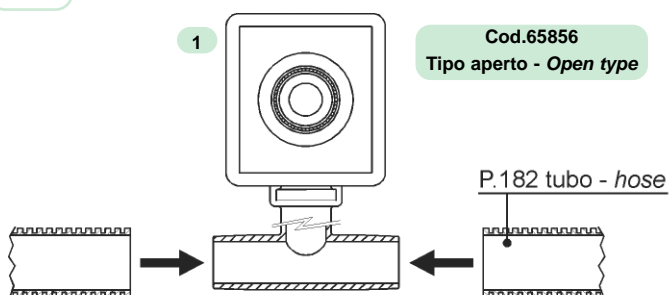
Temperatura di esercizio -
Working temperature: -10 / 120°C



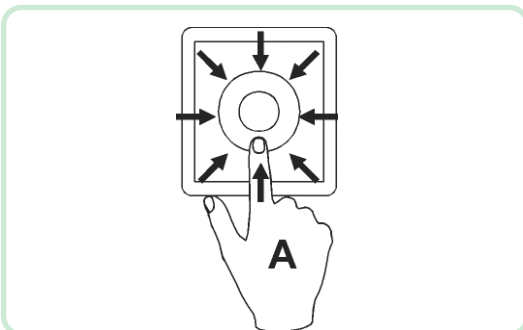
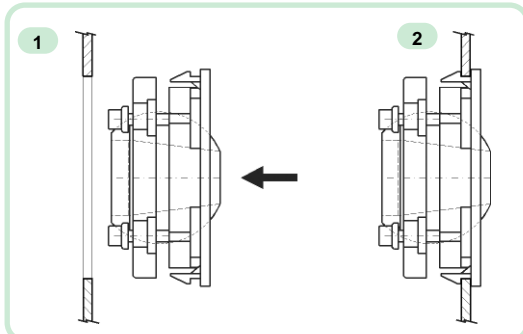
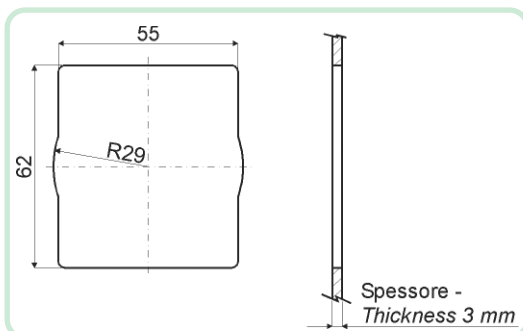
Comportamento alla fiamma: conforme dir. 95/28/EC -
Behaviour under flame: agree to 95/28/EC directive

Esempi d'applicazione - *Examples of application*

A2



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Dima di foratura
Drilling template



Fissaggio - *Fixing:*
a scatto nella dima predisposta per l'inserimento -
On release into the presetted template



A Orientamento flusso aria -
Air flow adjustment



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Caratteristiche - *Features*



Sezione utile passaggio aria -
Open air flow section: 200 mm²

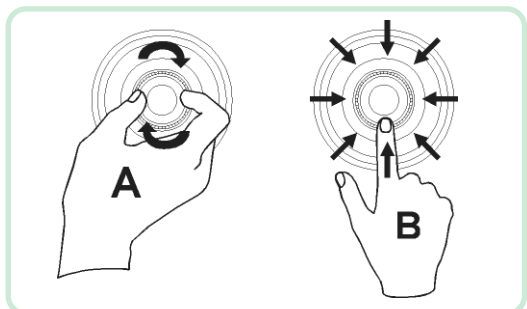
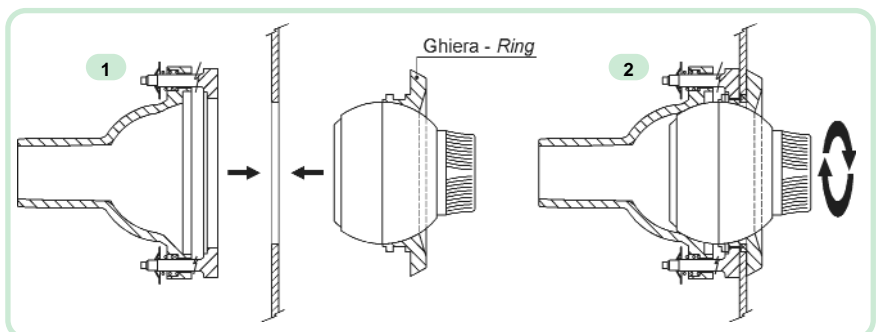
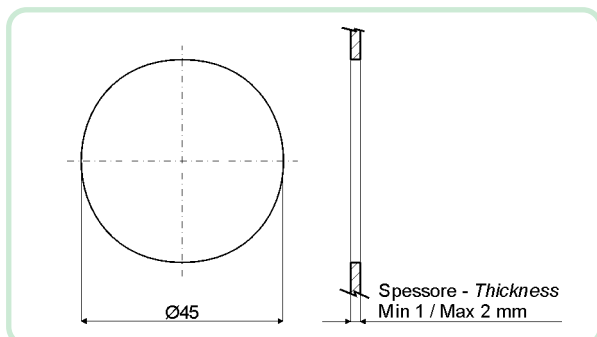


Temperatura di esercizio -
Working temperature: -10 / 120°C



Comportamento alla fiamma: conforme dir. 95/28/EC -
Behaviour under flame: agree to 95/28/EC directive

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Dima di foratura
Drilling template



Fissaggio - *Fixing:*
ruotare la ghiera sino al bloccaggio -
rotate the ring until it releases



A Parzializzazione e chiusura flusso aria -
Air flow choking and closing
B Orientamento flusso aria -
Air flow adjustment

Caratteristiche - *Features*



Sezione utile passaggio aria -
Open air flow section: 80 mm²

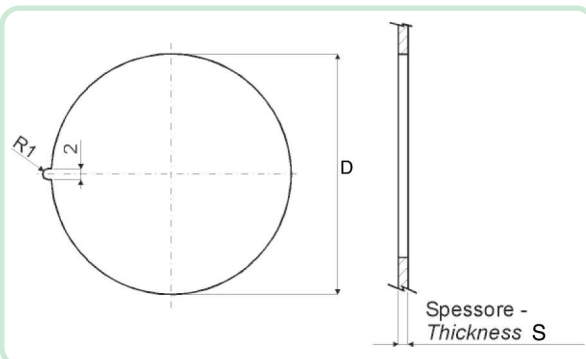


Temperatura di esercizio -
Working temperature: -10 / 120°C



Comportamento alla fiamma: conforme dir. 95/28/EC -
Behaviour under flame: agree to 95/28/EC directive

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Dima di foratura
Drilling template

| cod | D | S |
|-------|------|-----|
| 66087 | 68 | 3 |
| 66097 | 68 | 3 |
| 62859 | 76,5 | 1,5 |
| 62899 | 76,5 | 5 |



Fissaggio - Fixing:
a scatto nella dima predisposta per
l'inserimento -
On release into the presetted template



A Parzializzazione e chiusura flusso aria -
Air flow choking and closing
B Orientamento flusso aria -
Air flow adjustment

Caratteristiche - Features



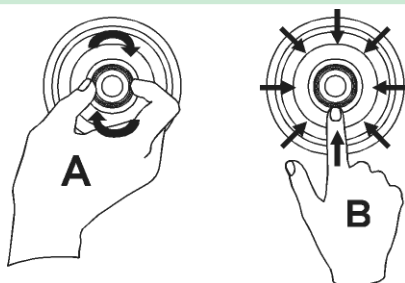
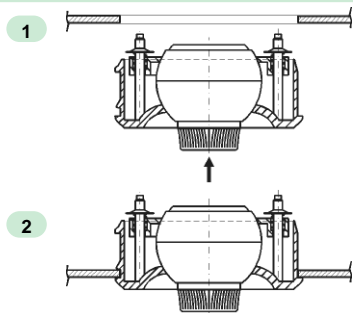
Sezione utile passaggio aria -
Open air flow section: 80 mm²



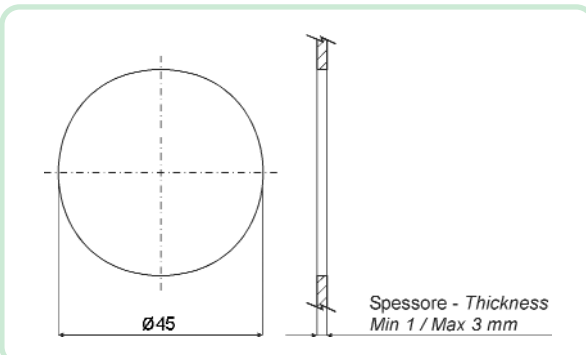
Temperatura di esercizio -
Working temperature: -10 / 120°C



Comportamento alla fiamma: conforme dir. 95/28/EC -
Behaviour under flame: agree to 95/28/EC directive



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Dima di foratura
Drilling template



Fissaggio - Fixing:
ruotare la ghiera sino al bloccaggio -
rotate the ring until it releases



B Orientamento flusso aria -
Air flow adjustment

Caratteristiche - Features



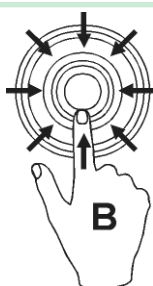
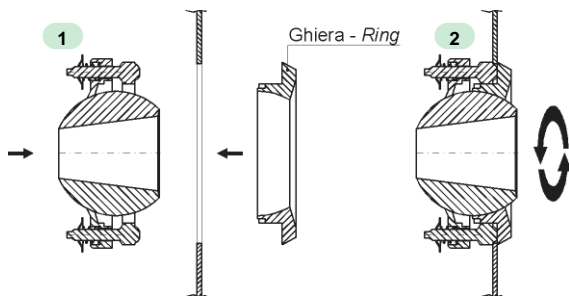
Sezione utile passaggio aria -
Open air flow section: 200 mm²



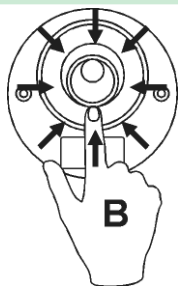
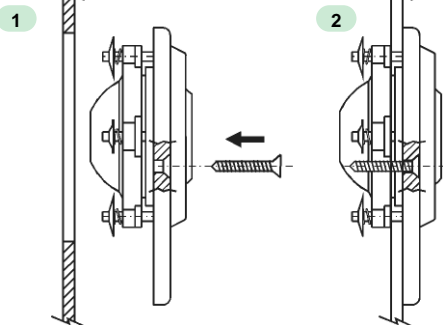
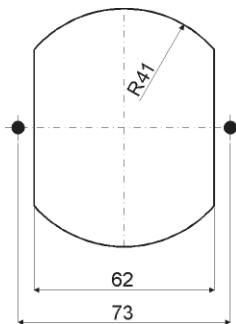
Temperatura di esercizio -
Working temperature: -10 / 120°C



Comportamento alla fiamma: conforme dir. 95/28/EC -
Behaviour under flame: agree to 95/28/EC directive



P.79bis



Dima di foratura
Drilling template



Fissaggio - Fixing:
viti autofilettanti $\varnothing 3.5$ mm a testa svasata
(non comprese nella confezione);
fori di fissaggio da dimensionarsi
a seconda del materiale del supporto -

$\varnothing 3.5$ mm countersunk head autothreading
screws (not included in the package); fixing
holes to be dimensioned according to the
material of the support



B Orientamento flusso aria -
Air flow adjustment

Caratteristiche - Features



Sezione utile passaggio aria -
Open air flow section: 200 mm²

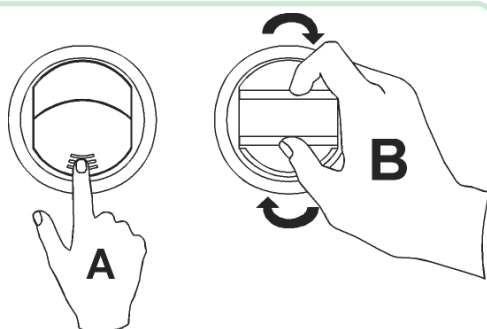
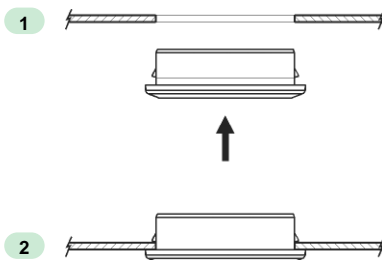
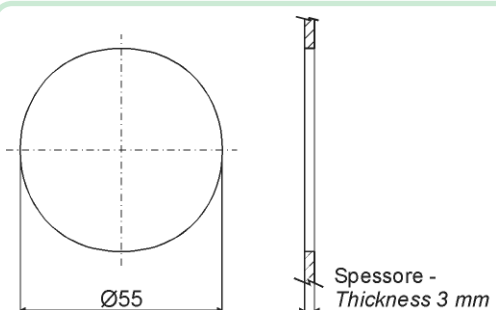


Temperatura di esercizio -
Working temperature: 0 / 70°C



Comportamento alla fiamma: conforme dir. 95/28/EC -
Behaviour under flame: agree to 95/28/EC directive

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Dima di foratura
Drilling template



Fissaggio - Fixing:
a scatto nella dima predisposta per
l'inserimento -
On release into the presetted template



A Parzializzazione e chiusura flusso aria -
Air flow choking and closing
B Orientamento flusso aria -
Air flow adjustment

Caratteristiche - Features



Sezione utile passaggio aria -
Open air flow section: 1.200 mm²

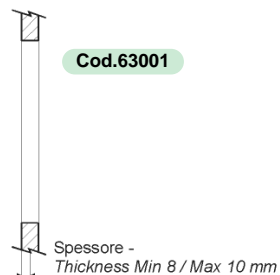
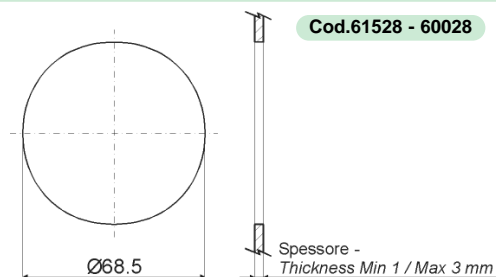


Temperatura di esercizio -
Working temperature: 0 / 70°C



Comportamento alla fiamma: conforme dir. 95/28/EC -
Behaviour under flame: agree to 95/28/EC directive

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Dima di foratura
Drilling template



Fissaggio - Fixing:
a scatto nella dima predisposta per
l'inserimento -
On release into the presetted template



A Parzializzazione e chiusura flusso aria -
Air flow choking and closing
B Orientamento flusso aria -
Air flow adjustment

Caratteristiche - Features



Sezione utile passaggio aria -
Open air flow section: 2.280 mm²

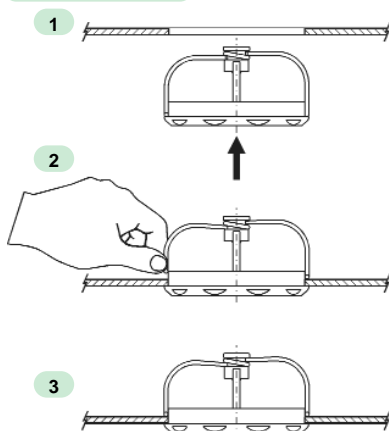


Temperatura di esercizio -
Working temperature: PA: -10 / 120°C
ABS: 0 / 70°C

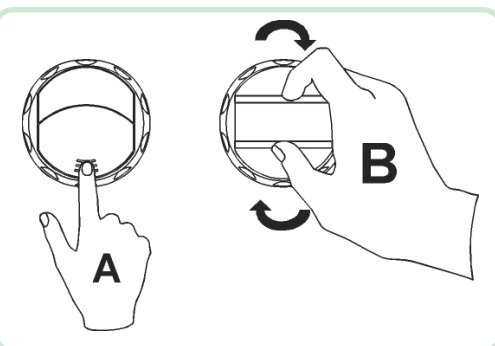
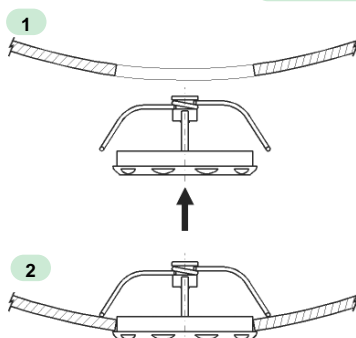


Comportamento alla fiamma: conforme dir. 95/28/EC -
Behaviour under flame: agree to 95/28/EC directive

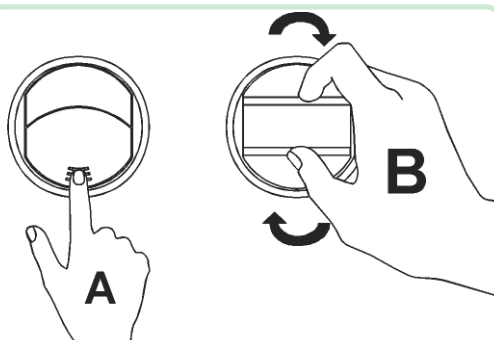
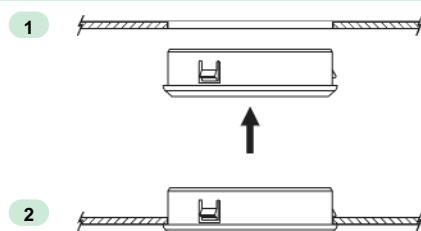
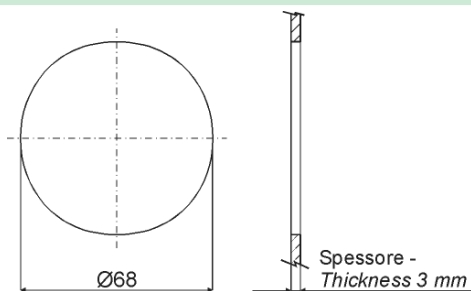
Cod.61528 - 60028



Cod.63001



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Dima di foratura
Drilling template



Fissaggio - Fixing:
a scatto nella dima predisposta per
l'inserimento -
On release into the presetted template



A Parzializzazione e chiusura flusso aria -
Air flow choking and closing
B Orientamento flusso aria -
Air flow adjustment

Caratteristiche - Features



Sezione utile passaggio aria -
Open air flow section: 2.280 mm²

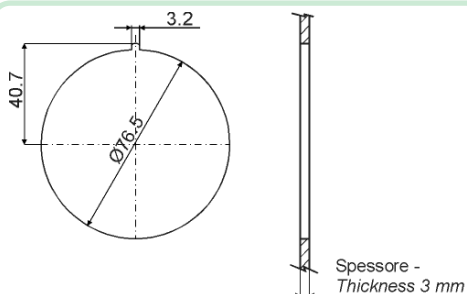


Temperatura di esercizio -
Working temperature: PA: -10 / 120°C
ABS: 0 / 70°C



Comportamento alla fiamma: conforme dir. 95/28/EC -
Behaviour under flame: agree to 95/28/EC directive

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Dima di foratura
Drilling template



Fissaggio - *Fixing:*
a scatto nella dima predisposta per
l'inserimento -
On release into the presetted template

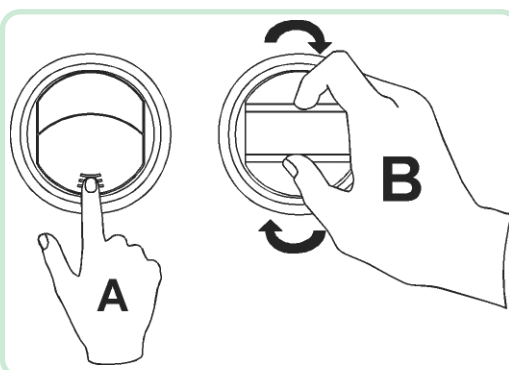
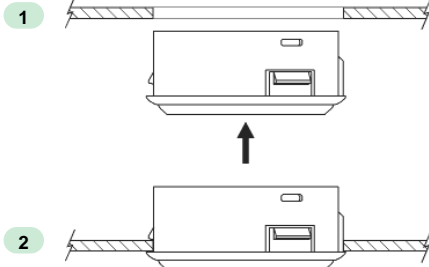


A Parzializzazione e chiusura flusso aria -
Air flow choking and closing
B Orientamento flusso aria -
Air flow adjustment



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P.325 pag. 31

P.350



Caratteristiche - *Features*



Sezione utile passaggio aria -
Open air flow section P.236: 2.280 mm²
P.350: 1.800 mm²



Temperatura di esercizio -
Working temperature: PA: -10 / 120°C
ABS: 0 / 70°C

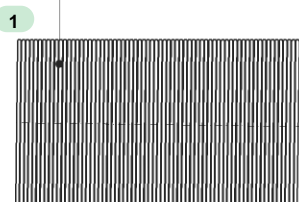


Comportamento alla fiamma: conforme dir. 95/28/EC -
Behaviour under flame: agree to 95/28/EC directive

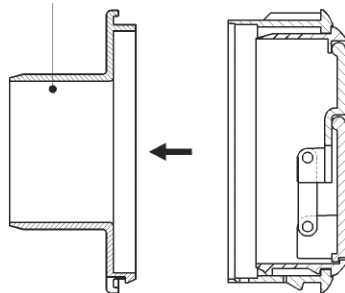
Esempi d'applicazione - *Examples of application*

A3

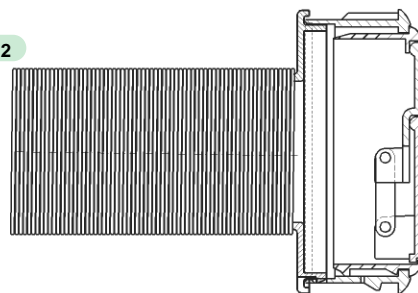
P.325



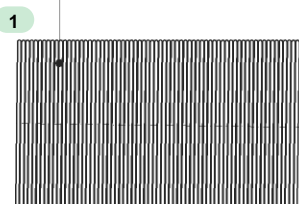
P.129 con cornice -
P.129 with frame



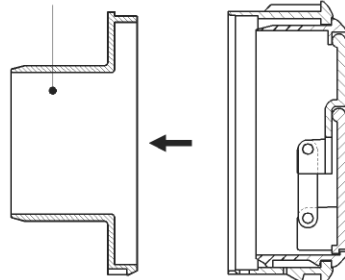
2



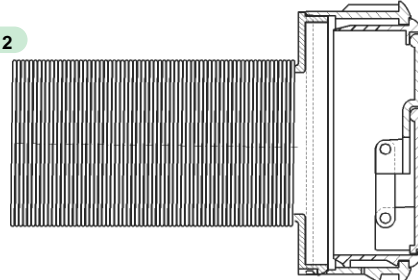
P.325



P.129 senza cornice -
P.129 without frame



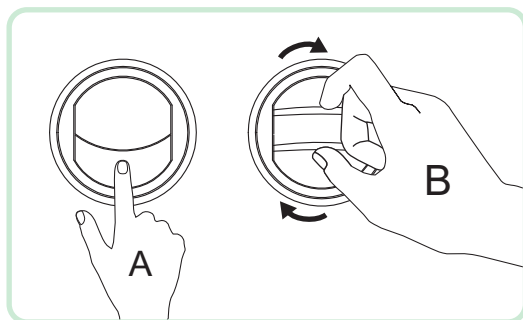
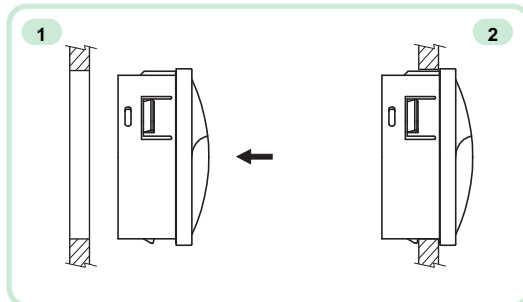
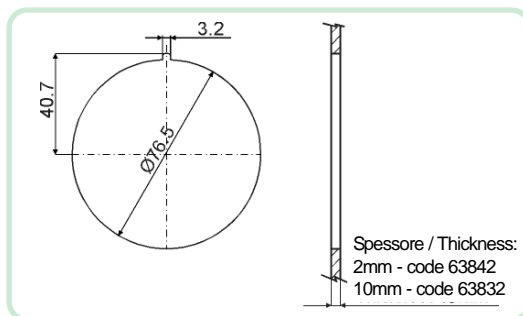
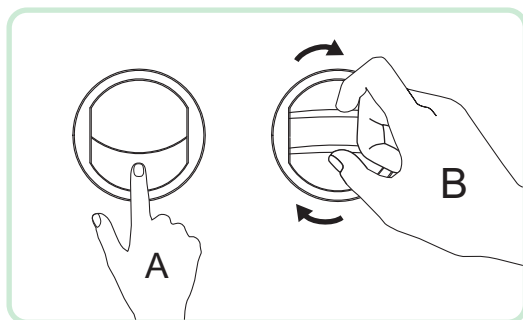
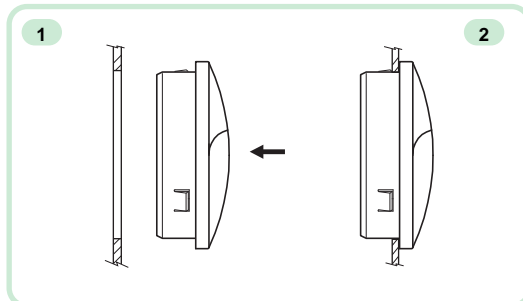
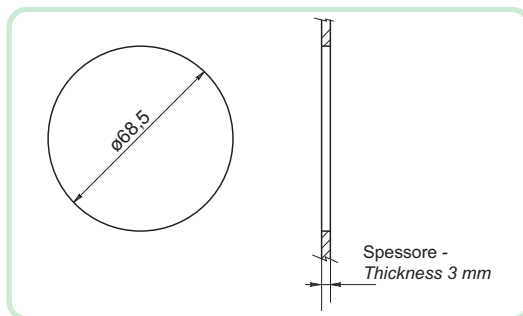
2



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Tipo 1 - Type 1



Dima di foratura
Drilling template



Fissaggio - Fixing:
a scatto nella dima predisposta per
l'inserimento -
On release into the presetted template



A Parzializzazione e chiusura flusso aria -
Air flow choking and closing
B Orientamento flusso aria -
Air flow adjustment

Caratteristiche - Features



Sezione utile passaggio aria -
Open air flow section: 1.800 mm²



Temperatura di esercizio -
Working temperature: 0 / 70°C



Comportamento alla fiamma: conforme dir. 95/28/EC
- Behaviour under flame: agree to 95/28/EC directive



Tipo 2 - Type 2



Dima di foratura
Drilling template



Fissaggio - Fixing:
a scatto nella dima predisposta per
l'inserimento -
On release into the presetted template



A Parzializzazione e chiusura flusso aria -
Air flow choking and closing
B Orientamento flusso aria -
Air flow adjustment



P.129 pag. 29
P.325 pag. 31

Caratteristiche - Features



Sezione utile passaggio aria -
Open air flow section: 1.800 mm²

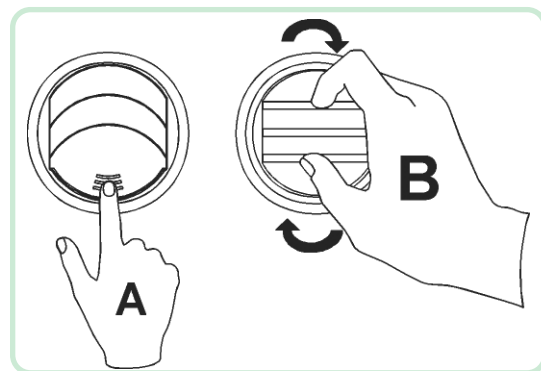
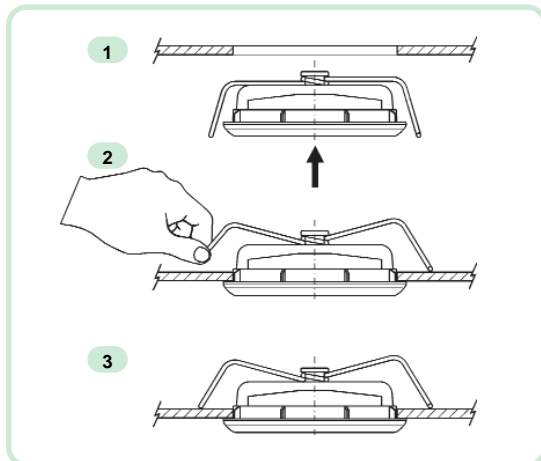
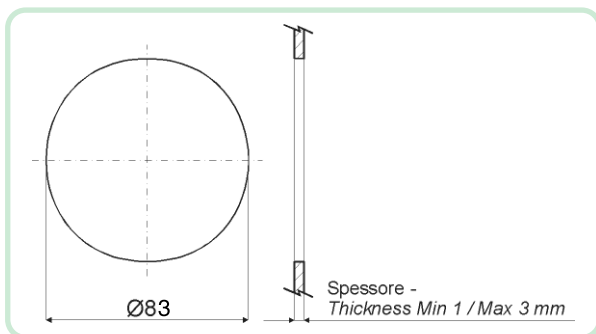


Temperatura di esercizio -
Working temperature: 0 / 70°C



Comportamento alla fiamma: conforme dir. 95/28/EC
- Behaviour under flame: agree to 95/28/EC directive

P.29



Dima di foratura
Drilling template



Fissaggio - *Fixing:*
a scatto nella dima predisposta per
l'inserimento -
On release into the presetted template



A Parzializzazione e chiusura flusso aria -
Air flow choking and closing
B Orientamento flusso aria -
Air flow adjustment

Caratteristiche - *Features*



Sezione utile passaggio aria -
Open air flow section: 3.000 mm²

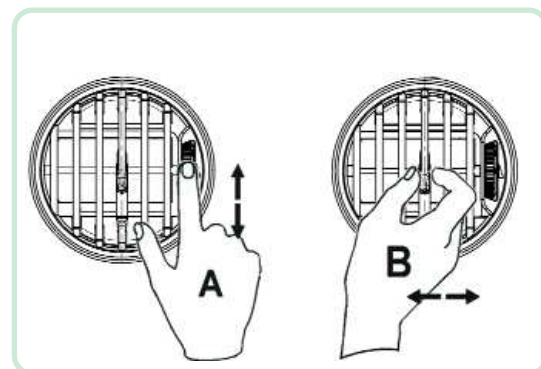
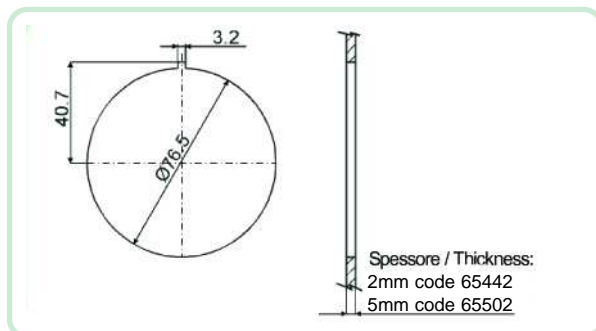


Temperatura di esercizio -
Working temperature: ABS+PC -10 / 120°C
ABS 0 / 70°C



Comportamento alla fiamma: conforme dir. 95/28/EC -
Behaviour under flame: agree to 95/28/EC directive

P.29



Dima di foratura
Drilling template



Fissaggio - *Fixing:*
a scatto nella dima predisposta per
l'inserimento -
On release into the presetted template



A Parzializzazione e chiusura flusso aria -
Air flow choking and closing
B Orientamento flusso aria -
Air flow adjustment

Caratteristiche - *Features*



Sezione utile passaggio aria -
Open air flow section: 3.000 mm²



Temperatura di esercizio -
Working temperature: ABS 0 / 70°C

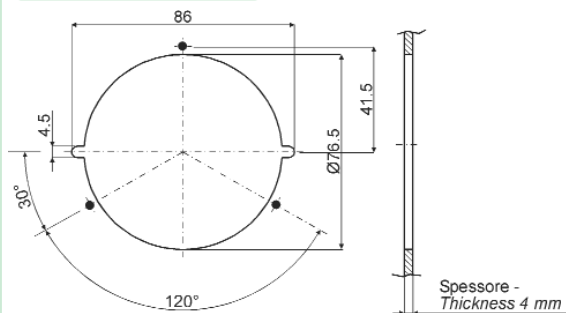


Comportamento alla fiamma: conforme dir. 95/28/EC -
Behaviour under flame: agree to 95/28/EC directive

P.83



Cod.66201 - 66211 - 60118



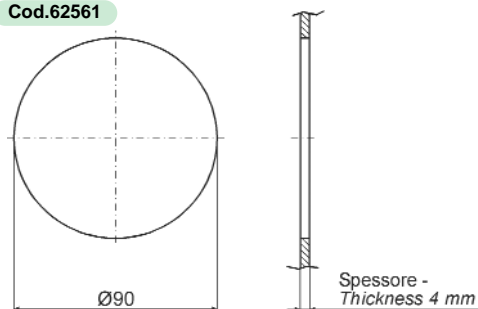
Dima di foratura
Drilling template



Fissaggio - Fixing:
a scatto nella dima predisposta per l'inserimento, oppure con viti autofilettanti \varnothing 2.5 mm a testa piana (non comprese nella confezione), fori di fissaggio da dimensionarsi a seconda del materiale del supporto -

On release into the presetted template, or with \varnothing 2.5 mm autothreading button head screws (not included in the package), fixing holes to be dimensioned according to the material of the support

Cod.62561



A Parzializzazione e chiusura flusso aria -
Air flow choking and closing

B Orientamento flusso aria -
Air flow adjustment



P.129 pag. 29
P.87 - P.88 pag. 30
P.325 pag. 31

Caratteristiche - Features



Sezione utile passaggio aria -
Open air flow section: 2.280 mm²

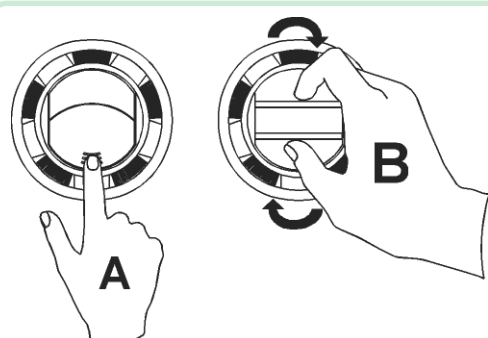
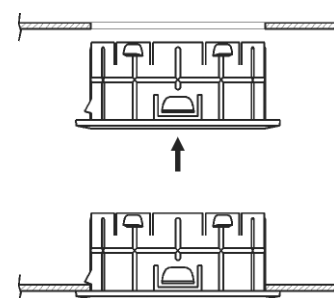
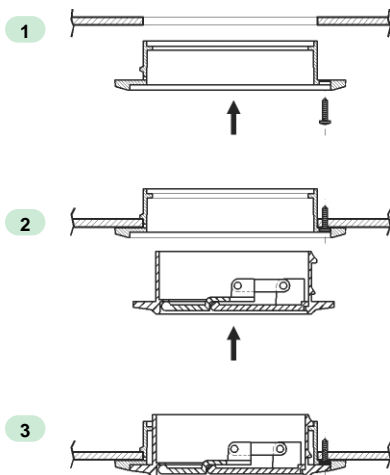


Temperatura di esercizio -
*Working temperature: PA: -10 / 120°C
ABS: 0 / 70°C*

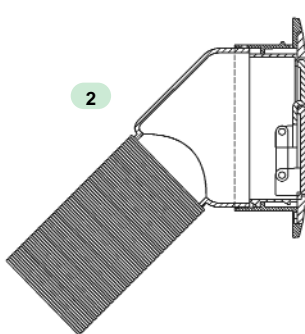
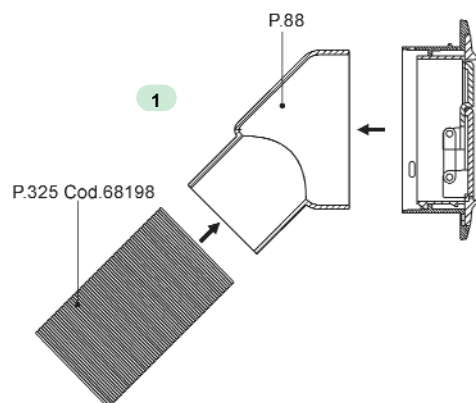
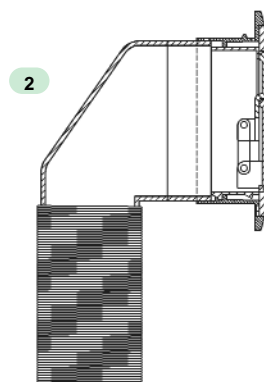
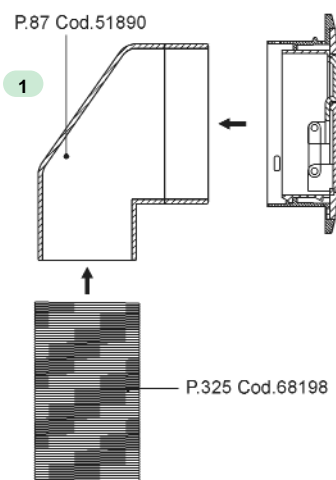
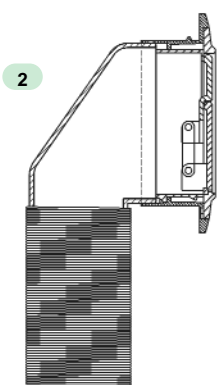
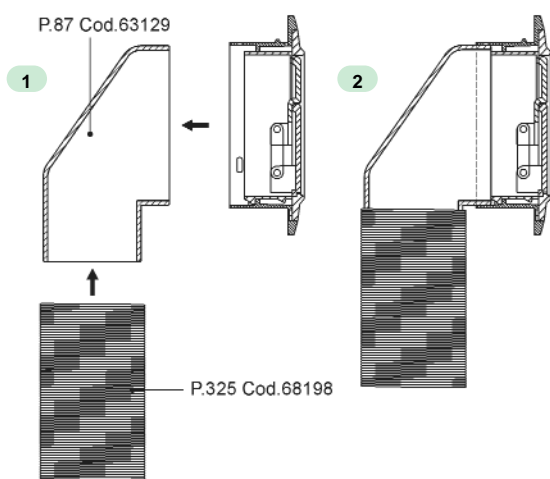
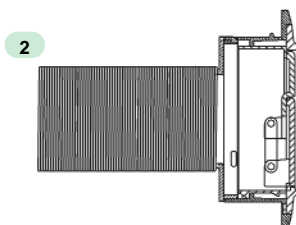
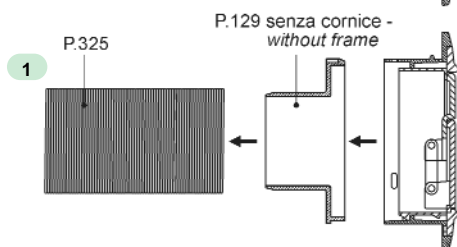
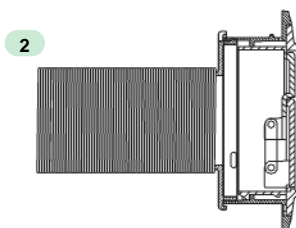
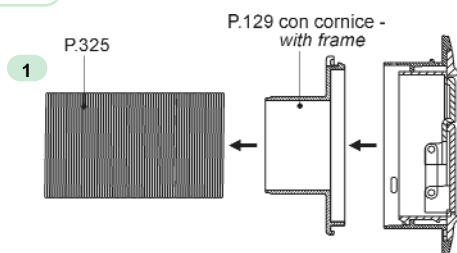


Comportamento alla fiamma: conforme dir. 95/28/EC -
Behaviour under flame: agree to 95/28/EC directive

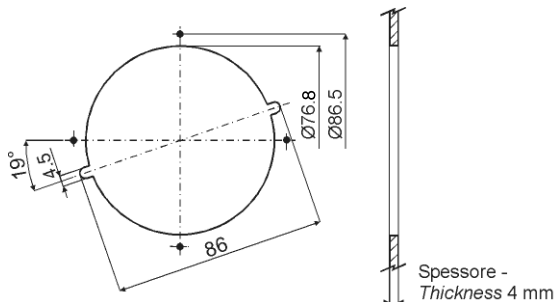
Cod.66201 - 66211 - 60118 - 63279 - 67889 - 60118 - 62161



A4



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Dima di foratura
Drilling template

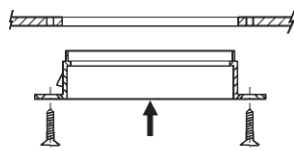


Fissaggio - Fixing:
a scatto nella dima predisposta per l'inserimento, oppure con viti autofilettanti \varnothing 5 mm a testa svasata (non comprese nella confezione); fori di fissaggio da dimensionarsi a seconda del materiale del supporto -

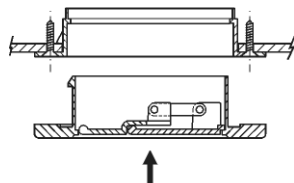
On release into the presetted template, or with \varnothing 5 mm autothreading countersunk head screws (not included in the package); fixing holes to be dimensioned according to the material of the support

Cod.66221

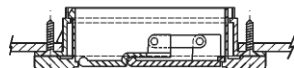
1



2



3



A Parzializzazione e chiusura flusso aria -
Air flow choking and closing
B Orientamento flusso aria -
Air flow adjustment



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Caratteristiche - Features



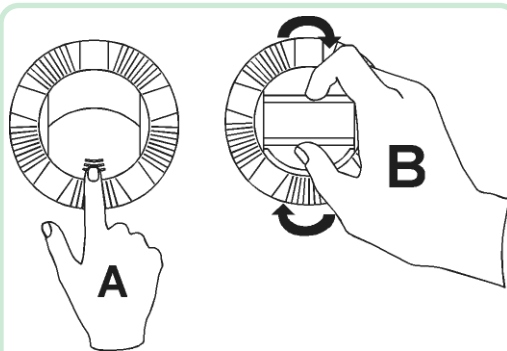
Sezione utile passaggio aria -
Open air flow section: 3.500 mm²



Temperatura di esercizio -
Working temperature: PA: -10 / 120°C
ABS: 0 / 70°C



Comportamento alla fiamma: conforme dir. 95/28/EC -
Behaviour under flame: agree to 95/28/EC directive

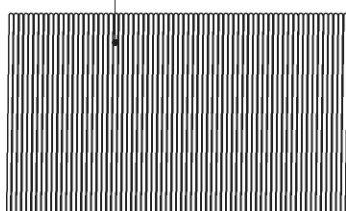


Esempi d'applicazione - Examples of application

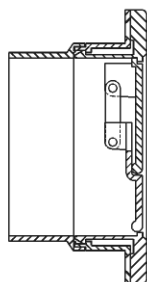
A5

1

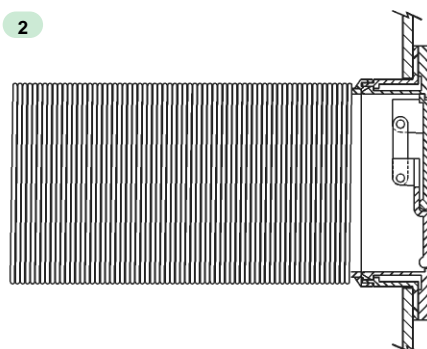
P.325



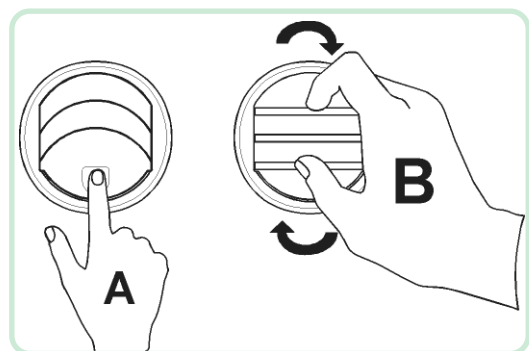
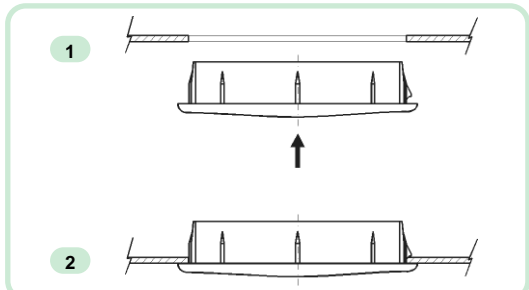
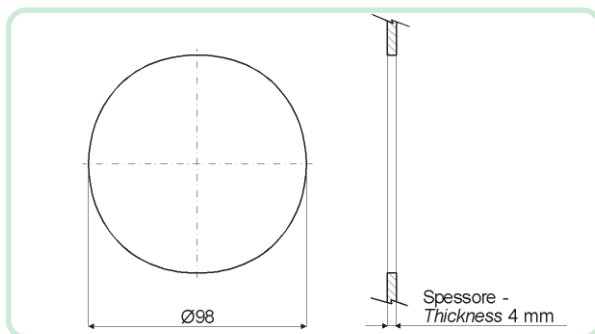
Cod.66231 - 62181



2



P.316



Dima di foratura
Drilling template



Fissaggio - *Fixing*:
a scatto nella dima predisposta per
l'inserimento -
On release into the presetted template



A Parzializzazione e chiusura flusso aria -
Air flow choking and closing
B Orientamento flusso aria -
Air flow adjustment

Caratteristiche - *Features*



Sezione utile passaggio aria -
Open air flow section: 4.500 mm²

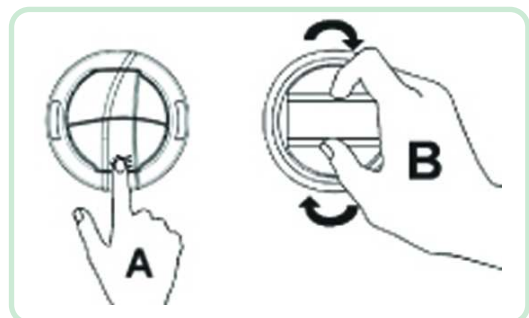
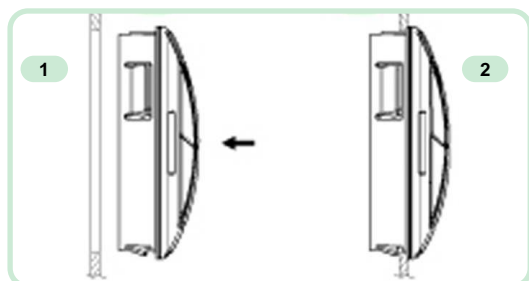
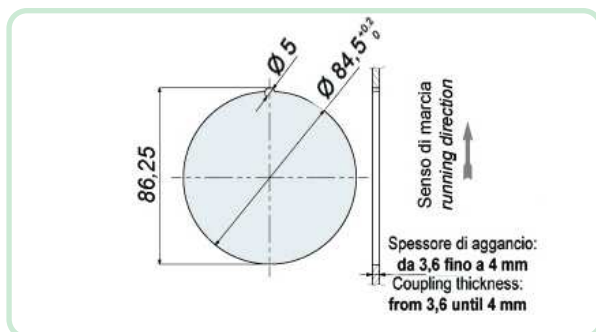


Temperatura di esercizio -
Working temperature: PA: -10 / 120°C
ABS: 0 / 70°C



Comportamento alla fiamma: conforme dir. 95/28/EC -
Behaviour under flame: agree to 95/28/EC directive

P.410



Dima di foratura
Drilling template



Fissaggio - *Fixing*:
a scatto nella dima predisposta per
l'inserimento -
On release into the presetted template



A Parzializzazione e chiusura flusso aria -
Air flow choking and closing
B Orientamento flusso aria -
Air flow adjustment

Caratteristiche - *Features*



Sezione utile passaggio aria -
Open air flow section: 2.800 mm²



Temperatura di esercizio -
Working temperature: -10 / 120°C

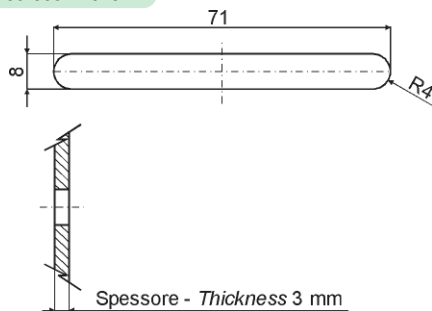


Comportamento alla fiamma: conforme dir. 95/28/EC -
Behaviour under flame: agree to 95/28/EC directive

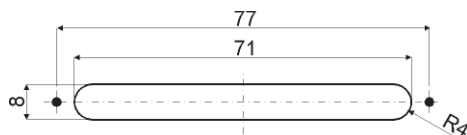
P.225



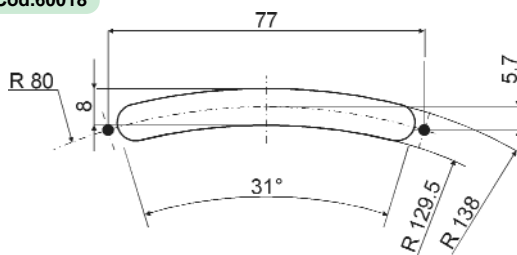
Cod.60268-66847-61521



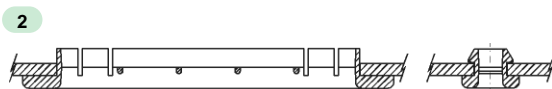
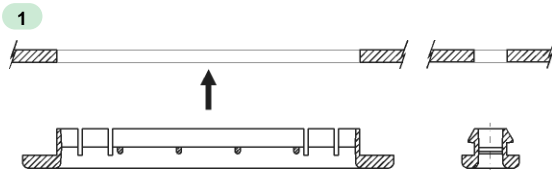
Cod.67597-66857



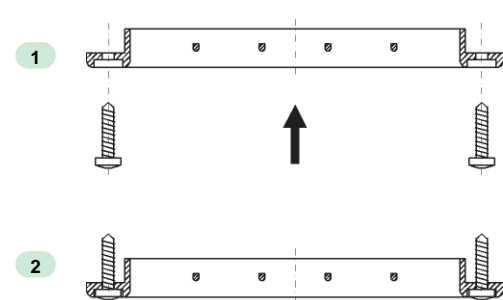
Cod.60018



Cod.60268-66847-61521



Cod.67597-66857-60018



Dima di foratura
Drilling template



Fissaggio:
Cod.60268 - 66847 - 61521:
a scatto nella dima predisposta per l'inserimento
Cod.67597 - 66857:
viti autofilettanti $\varnothing 2/2.5$ mm testa piana (non comprese nella confezione); fori di fissaggio da dimensionarsi a seconda del materiale del supporto

Fixing:
Cod.60268 - 66847 - 61521:
on release into the presetted template
Cod.67597 - 66857:
 $\varnothing 2/2.5$ mm autothreading button head screws (not included in the package); fixing holes to be dimensioned according to the material of the support

Caratteristiche - Features



Sezione utile passaggio aria -
Open air flow section: 350 mm²

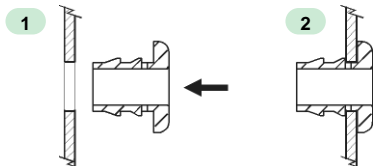
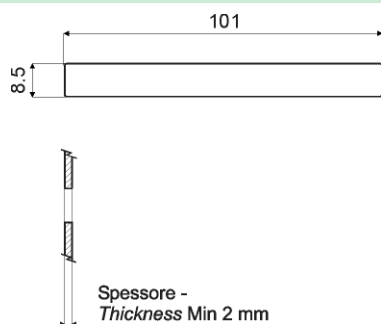
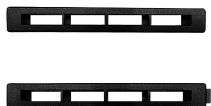


Temperatura di esercizio -
Working temperature: -10 / 120°C



Comportamento alla fiamma: conforme dir. 95/28/EC -
Behaviour under flame: agree to 95/28/EC directive

P.381



Dima di foratura
Drilling template



Fissaggio - *Fixing*:
a scatto nella dima predisposta per
l'inserimento -
On release into the presetted template

Caratteristiche - *Features*



Sezione utile passaggio aria -
Open air flow section: 530 mm²

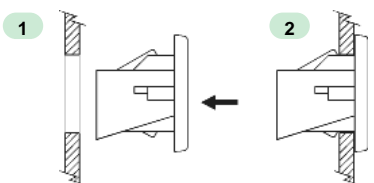
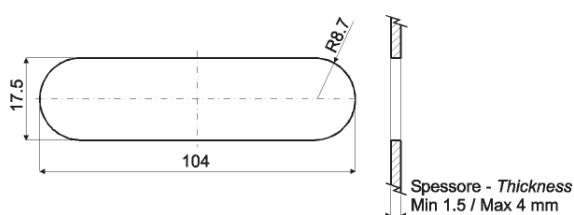


Temperatura di esercizio -
Working temperature: -10 / 120°C



Comportamento alla fiamma: conforme dir. 95/28/EC -
Behaviour under flame: agree to 95/28/EC directive

P.169bis



Dima di foratura
Drilling template



Fissaggio - *Fixing*:
a scatto nella dima predisposta per
l'inserimento -
On release into the presetted template

Caratteristiche - *Features*



Sezione utile passaggio aria -
Open air flow section: 428 mm²



Temperatura di esercizio -
Working temperature: 0 / 70°C

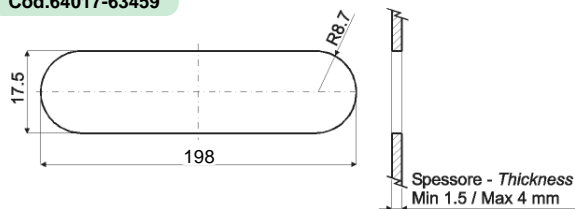


Comportamento alla fiamma: conforme dir. 95/28/EC -
Behaviour under flame: agree to 95/28/EC directive

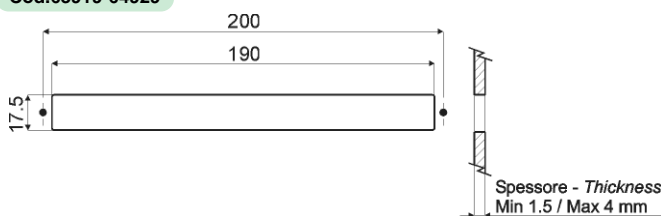
P.169



Cod.64017-63459



Cod.63919-64929



Dima di foratura
Drilling template



Fissaggio - *Fixing*:
Cod.63919 - 64929:
viti autofilettanti ø3 mm a testa piana
(non comprese nella confezione) -
*ø3 mm button head autothreading screws
(not included in the package)*
Cod.64017 - 63459 : a scatto nella dima
predisposta per l'inserimento -
On release into the presetted template

Caratteristiche - *Features*



Sezione utile passaggio aria -
Open air flow section: 880 mm²

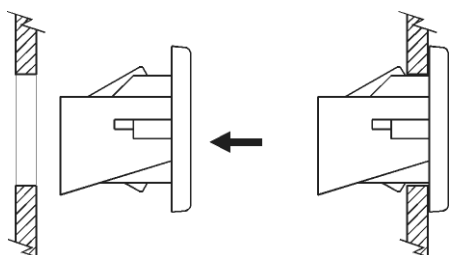


Temperatura di esercizio -
Working temperature: 0 / 70°C

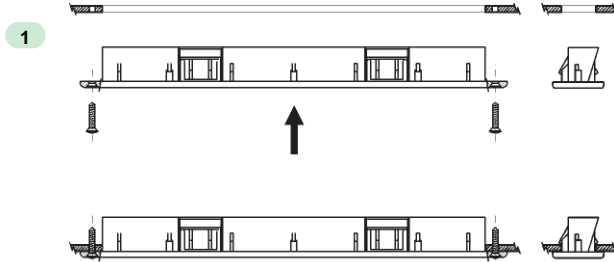


Comportamento alla fiamma: conforme dir. 95/28/EC -
Behaviour under flame: agree to 95/28/EC directive

Cod.64017 - 63459

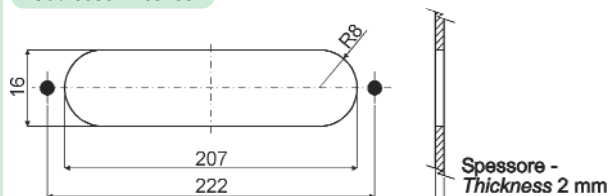


Cod.63919-64929





Cod.63987 - 69459



Dima di foratura
Drilling template



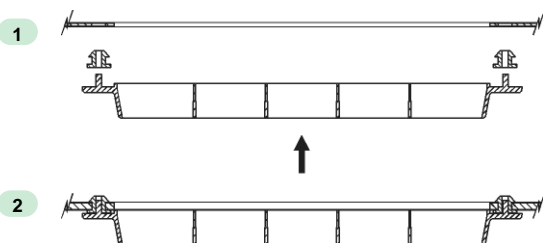
Fissaggio - Fixing:
Cod.63987: boccole di fissaggio (comprese nella confezione); fori di fissaggio da dimensionarsi a seconda del materiale del supporto -

*Fixing bushes (included in the package)
fixing holes to be dimensioned according to the material of the support*

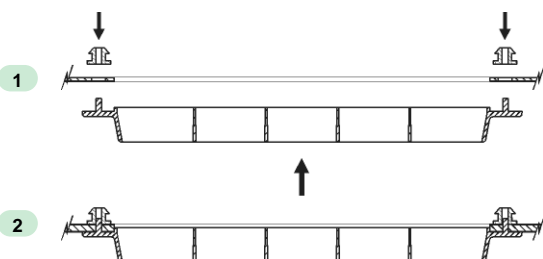
Cod.69459: viti autofilettanti $\varnothing 5$ mm a testa svasata (non comprese nella confezione); fori di fissaggio da dimensionarsi a seconda del materiale del supporto -

*$\varnothing 5$ mm countersunk head autothreading screws (not included in the package);
fixing holes to be dimensioned according to the material of the support*

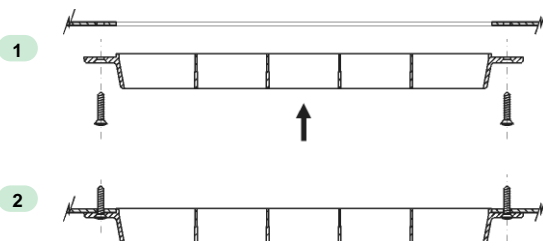
Cod.63987- fissaggio tipo 1 / fixing solution 1



Cod.63987- fissaggio tipo 2 / fixing solution 2



Cod.69459



Caratteristiche - Features



Sezione utile passaggio aria -
Open air flow section: 1.100 mm²

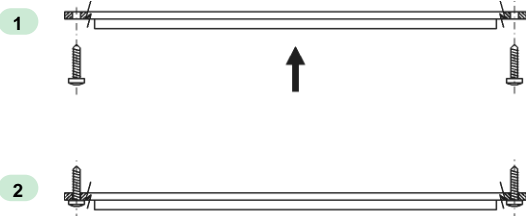
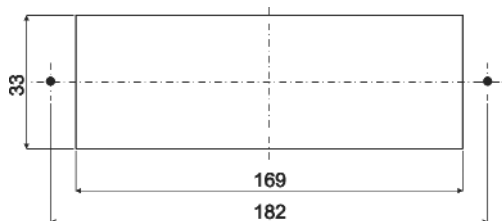


Temperatura di esercizio -
Working temperature: 0 / 70°C



Comportamento alla fiamma: conforme dir. 95/28/EC -
Behaviour under flame: agree to 95/28/EC directive

P.123



Dima di foratura
Drilling template



Fissaggio - *Fixing:*
a scatto nella dima predisposta per
l'inserimento -
On release into the presetted template

Caratteristiche - *Features*



Sezione utile passaggio aria -
Open air flow section: 1.400 mm²

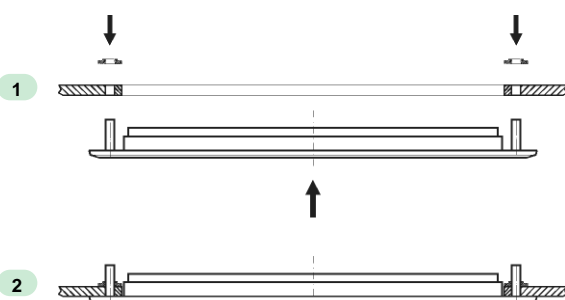
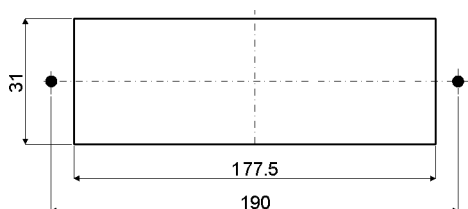


Temperatura di esercizio -
Working temperature: 0 / 70°C



Comportamento alla fiamma: conforme dir. 95/28/EC -
Behaviour under flame: agree to 95/28/EC directive

P.194



Dima di foratura
Drilling template



Fissaggio - *Fixing:*
nella dima predisposta + prestole di
fissaggio - *Into the presetted template +
fixing plates*



Cod.62388 pag. 32

Caratteristiche - *Features*



Sezione utile passaggio aria -
Open air flow section: 2.700 mm²

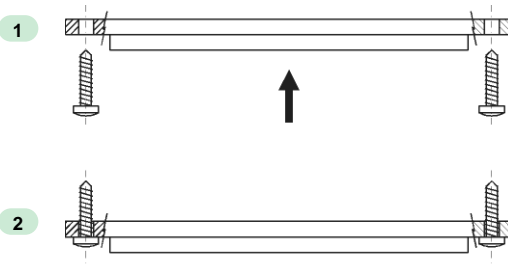
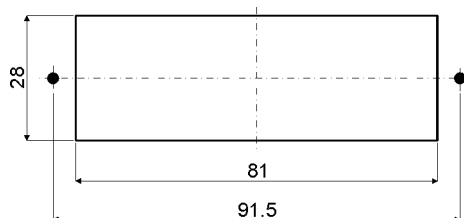
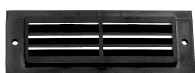


Temperatura di esercizio -
Working temperature: 0 / 70°C



Comportamento alla fiamma: conforme dir. 95/28/EC -
Behaviour under flame: agree to 95/28/EC directive

P.81



Dima di foratura
Drilling template



Fissaggio - *Fixing:*
viti autofilettanti ø5 mm a testa piana (non
comprese nella confezione); fori di fissaggio
da dimensionarsi a seconda del materiale
del supporto -

ø5 mm button head autothreading screws
(not included in the package) + fixing bushes;
fixing holes to be dimensioned according
to the material of the support

Caratteristiche - *Features*



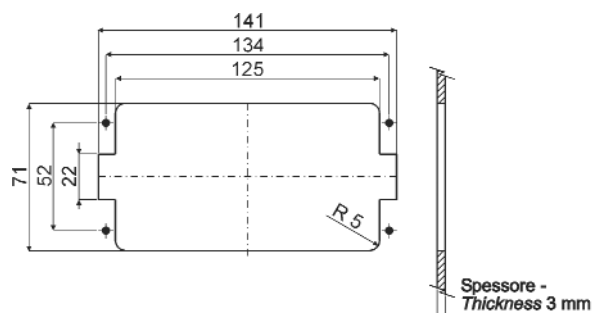
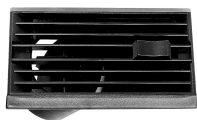
Sezione utile passaggio aria -
Open air flow section: 1.000 mm²



Temperatura di esercizio -
*Working temperature: PA -10 / 120°C
ABS 0 / 70°C*



Comportamento alla fiamma: conforme dir. 95/28/EC -
Behaviour under flame: agree to 95/28/EC directive

P.85

Dima di foratura
Drilling template



Fissaggio - Fixing:
nella dima predisposta + viti autofilet-
tanti $\varnothing 5$ mm; fori di fissaggio da dimen-
sionarsi a seconda del materiale del sup-
porto -

*Into the presetted template + $\varnothing 5$ mm
autothreading screws; fixing holes to be
dimensioned according to the material of
the support*



A Orientamento flusso aria -
Air flow adjustment



P.325 pag. 31

Caratteristiche - Features



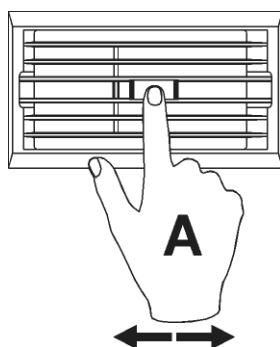
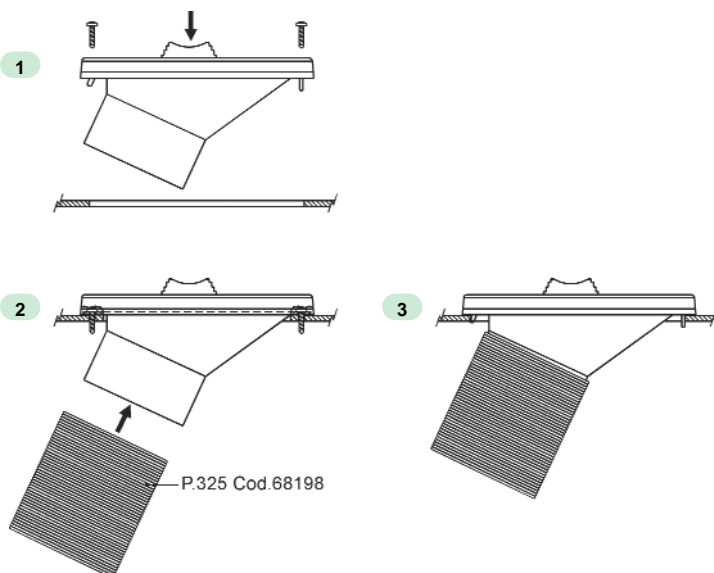
Sezione utile passaggio aria -
Open air flow section: 2.500 mm²



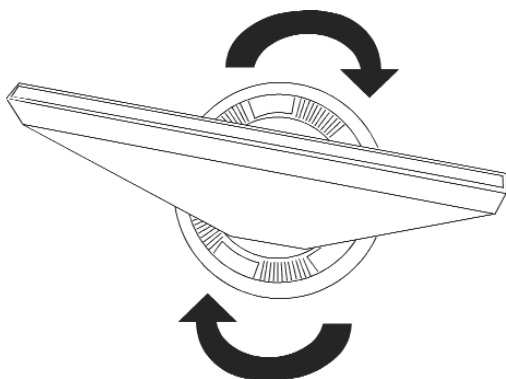
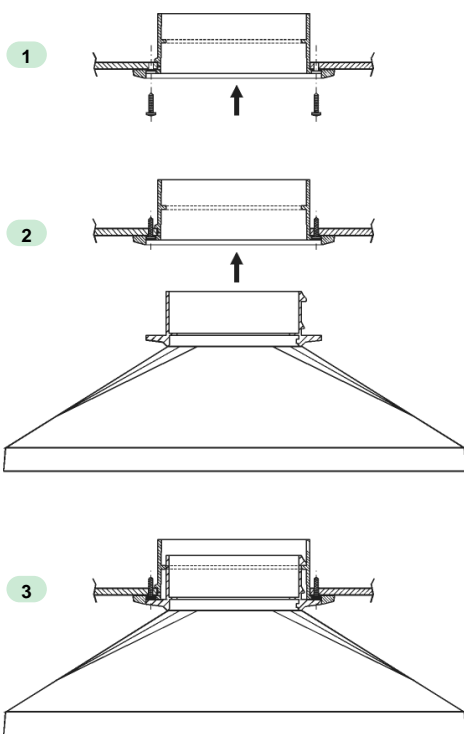
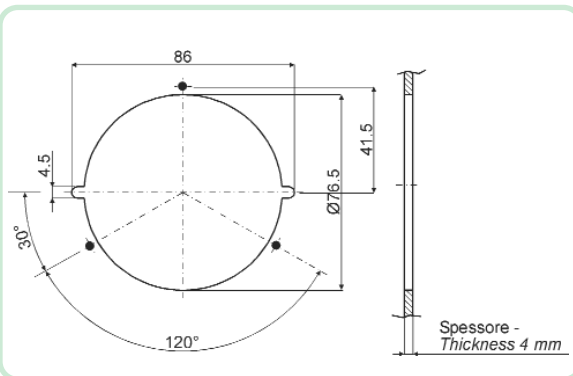
Temperatura di esercizio -
Working temperature: 0 / 70°C



Comportamento alla fiamma: conforme dir. 95/28/EC -
Behaviour under flame: agree to 95/28/EC directive



P.84



Dima di foratura
Drilling template



Fissaggio - *Fixing*:
nella dima predisposta + viti autofilet-
tanti $\varnothing 5$ mm; fori di fissaggio da dimen-
sionarsi a seconda del materiale del sup-
porto -

*Into the presetted template + $\varnothing 5$ mm
autothreading screws; fixing holes to be
dimensioned according to the material of
the support*



A Orientamento flusso aria -
Air flow adjustment



P.129 pag. 29
P.87 - P.88 pag. 30
P.325 pag. 31

Caratteristiche - *Features*



Sezione utile passaggio aria -
Open air flow section: 1.300 mm²

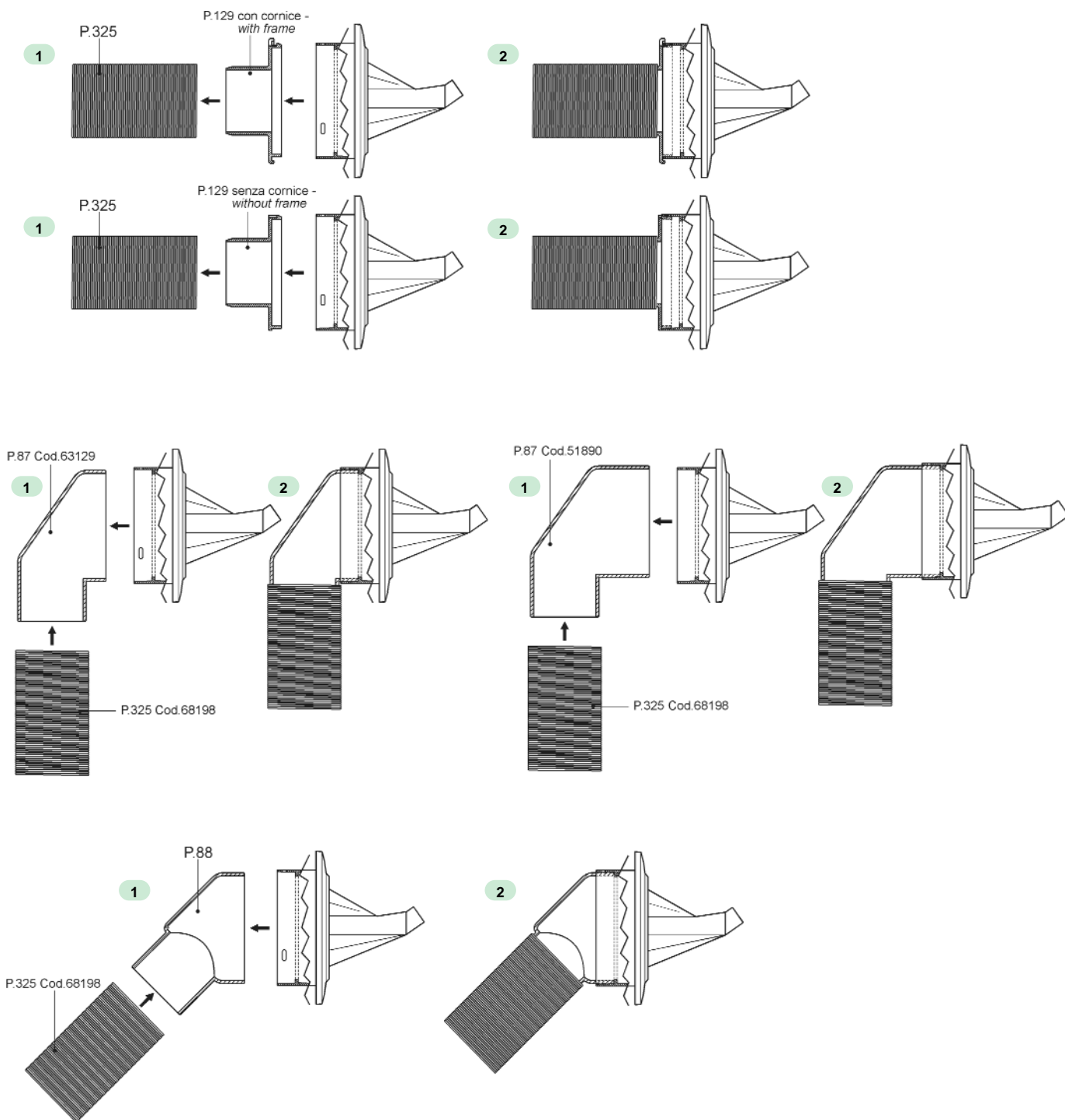


Temperatura di esercizio -
Working temperature: -10 / 120°C

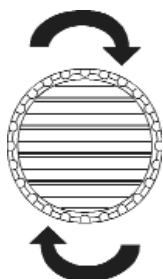
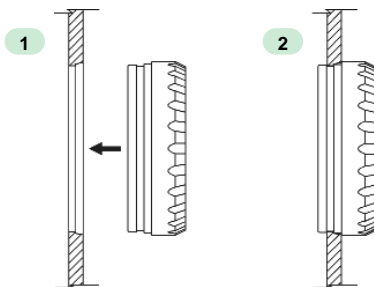
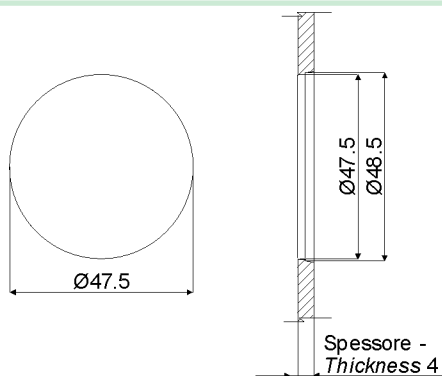


Comportamento alla fiamma: conforme dir. 95/28/EC -
Behaviour under flame: agree to 95/28/EC directive

A5



P.82



Dima di foratura
Drilling template



Fissaggio - *Fixing:*
a scatto nella dima predisposta per
l'inserimento -
On release into the presetted template



Orientamento flusso aria -
Air flow adjustment

Caratteristiche - *Features*



Sezione utile passaggio aria -
Open air flow section: 300 mm²

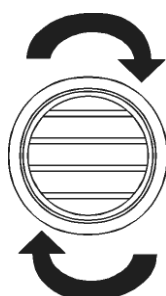
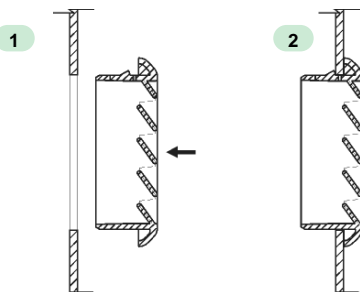
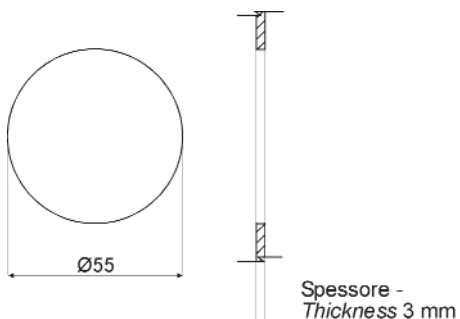


Temperatura di esercizio -
Working temperature: 0 / 70°C



Comportamento alla fiamma: conforme dir. 95/28/EC -
Behaviour under flame: agree to 95/28/EC directive

P.382



Dima di foratura
Drilling template



Fissaggio - *Fixing:*
a scatto nella dima predisposta per
l'inserimento -
On release into the presetted template



Orientamento flusso aria -
Air flow adjustment

Caratteristiche - *Features*



Sezione utile passaggio aria -
Open air flow section: 300 mm²

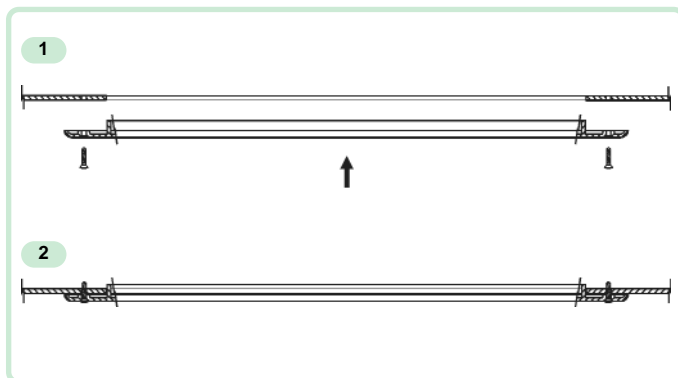
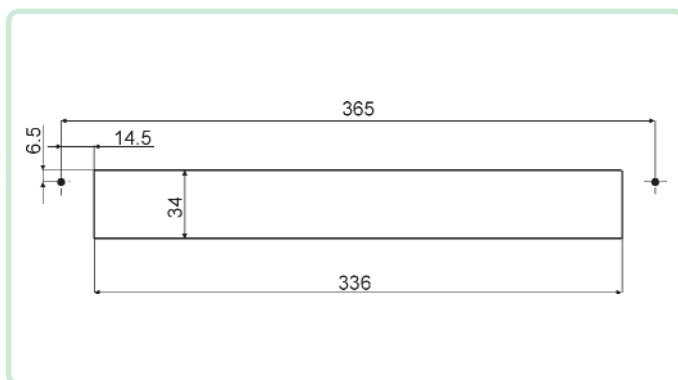


Temperatura di esercizio -
Working temperature: -10 / 120°C



Comportamento alla fiamma: conforme dir. 95/28/EC -
Behaviour under flame: agree to 95/28/EC directive

P.378



Dima di foratura
Drilling template



Fissaggio - Fixing:
viti autofilettanti $\varnothing 4$ mm a testa svasata;
fori di fissaggio da dimensionarsi a
seconda del materiale del supporto -

$\varnothing 4$ mm autothreading countersunk head
screws; fixing holes to be dimensioned
according to the material of the support



A Parzializzazione e chiusura flusso aria -
Air flow choking and closing
B Orientamento flusso aria -
Air flow adjustment

Caratteristiche - Features



Sezione utile passaggio aria -
Open air flow section: 8.200 mm²

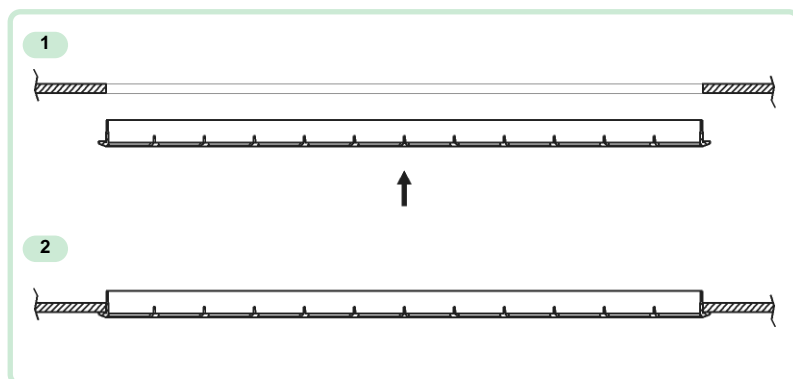
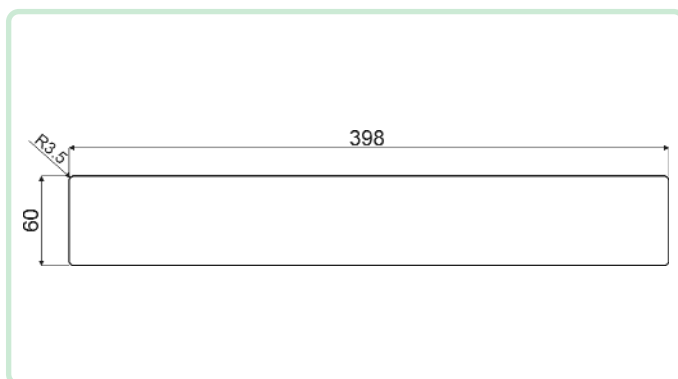


Temperatura di esercizio -
Working temperature: 0 / 70 °C



Comportamento alla fiamma: conforme dir. 95/28/EC -
Behaviour under flame: agree to 95/28/EC directive

P.375



Dima di foratura
Drilling template



Fissaggio - Fixing:
a scatto nell'apposita dima predisposta -
on release into the presetted template

Caratteristiche - Features



Sezione utile passaggio aria -
Open air flow section: 8.930 mm²



Temperatura di esercizio -
Working temperature: 0 / 70 °C



Comportamento alla fiamma: conforme dir. 95/28/EC -
Behaviour under flame: agree to 95/28/EC directive

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TUNISIA
TURKEY
UKRAYNE
UNITED ARAB EMIRATES
UNITED KINGDOM
UNITED STATES OF AMERICA
VENEZUELA



- 15 A Maniglie
- 15 B Sistemi e componenti di chiusura
- 15 C Sistemi di diffusione aria
- 15 D Sistemi e componenti d'illuminazione
- 15 E Morsetterie e Pulsantieri
- 15 F Accessori vari per autobus
- 15 G Sistemi porta-bagagli e componenti
- 15 H Sistema per portelloni
- Catalogo Lighting Division
- News

- 15 A Handles
- 15 B Locking devices and components
- 15 C Air diffusion systems
- 15 D Light diffusion systems
- 15 E Citybus support and Bell-Pushes
- 15 F Bus accessories
- 15 G Luggage Rack systems and components
- 15 H System for luggage door
- Lighting Division catalogue
- News



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