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ACCESSORIES

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CARBON FILTERS



Probably you are not as privileged as we are, living and working by the water and lovely Flevoland Air! Here you can do something about it! Take a fan cabinet with built-in carbon filter and clean all smells and odors that irritate you or others. They can also harm you, are not always allowed you to unpurified blow out. Our carbon filters are, inter alia cylindrical sleeves of ca. 400 mm. around and available in different heights, 500 mm., 750 mm. or 1000 mm. Piling up can as well an open bus and a close bus together and you have a double altitude. The lower connector is for a flanged edge put, and the compound is a double flanged edge created. In a bus of 1000 mm. high sits about 35 kg. Activated carbon type RB-3, This is good for cleaning about 1000 cubic meters of air per hour. The recommended contact time with the carbon is 1-4 seconds. Considering the amount of carbon, which is present in the bus, the filter has a long service life.

It is recommended however to be mounted a pre-filter in front, this brings out the present dust from the air and takes the greasy vapors, therefore, a maintenance for the carbon.

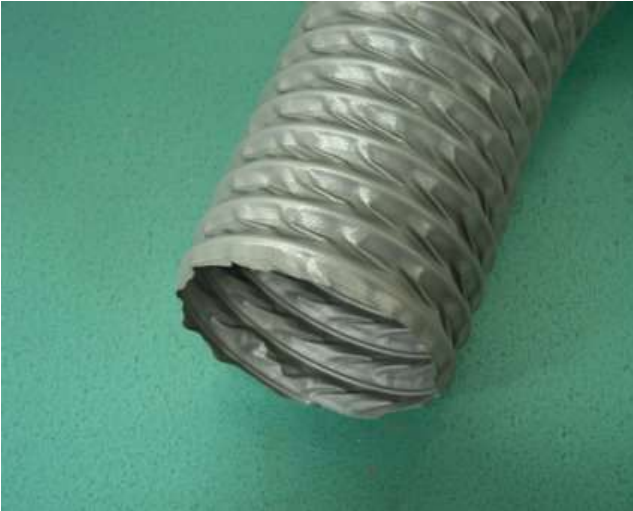
We can provide enclosures in any shape or size, in various capacities we have in our series DD fans standard capabilities available directly driven by a one-phase or three phase motor. For larger capacities, we have assembled in the series AA indirect driven fans in every capacity frame with motor, pulleys and belts.

Please see our selection of double inlet fans.

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Po box 73 – 3890 AB, Gaffel 24 – 3891 KD Zeewolde – Holland
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website: www.bosa.nl email: info@bosa.nl

FLEXIBLE HOSE



The flexible plastic hoses for air-conditioning and ventilating can be supplied in various designs.

1. PLASTIC HOSES TYPE A

These hoses are made of finely woven fiber cloth impregnated and sprayed with gray vinyl. Internally reinforced with a vinyl coated spring steel spiral.

This material has a very good resistance to aging, cannot rot or grow moldy and is not affected by pests.

Not flame expanding, does not contribute to flashover meets class 1 according to NEN1076.

2. PLASTIC HOSES TYPE ISOTHERM

Hose as described above in A; equipped with 25 mm. thick wool blanket, encased with a reinforced aluminum foil vapor proof.

Not flame expanding according to NEN1076.

3. PLASTIC HOSES TYPE Isophon

Vinyl coated spring steel spiral covered with fine woven fiberglass mesh around 25 mm. thick glass wool blanket, which is sheathed by an air-vapor proof outer hose of vinyl fiberglass cloth (the same as A).

Not flame expanding according to NEN1076.

Applies for all types: 2 "diameter t / m 24", temperature resistance -18 ° C. to + 120 ° C.

Standard lengths: 6 m Type A, Type Isothermal and Isophon 3 meters.

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FLEXIBLE ALUMINUM SILENCER

CONSTRUCTION

Perforated Aluminum hose:
25 or 50 mm. thick wool blanket.

Aluminum hose, both ends feature forced aluminum or galvanized steel connector caps, which with silicone paste are mounted.

QUALITY

Long fiber glass wool blanket with a volume weighing about 24 kg. / m³. As a result, will high sound absorption and a low output radiated noise obtained.

Non-flammable according to DIN 4102 class A1.



APPLY

If cross talk silencers.
After return grills.
For supply diffusers.
Behind volume controllers, fans etc.

DIMENSIONS

63 t / m 450 mm. nom. O.

The connection covers have the standard attachment size.

On request caps are supplied with a pipe size.

The sizes 80 t / m 250 mm. by 25 mm. insulation thickness and sizes 80 t / m 200 mm. with 50 mm. insulation thickness have standard galvanized steel connector hoods.

The other diameters are carried out with aluminum connection caps.

Standard length: 500-750-1000-1500 and 2000 mm.

Nom. in. Ø	mm.	63	80	100	125	140	150	160	180	200	225	250	280	315	350	400	450
Nom. out. Ø at 25 mm. insulation	mm.	119	131	156	186	190	206	206	236	256	286	306	336	362	406	456	506
Weigh	kg/m	0,83	0,96	1,15	1,37	1,45	1,59	1,65	1,87	2,10	2,25	2,36	2,62	3,20	3,50	4,10	4,50
Nom. out. at 50 mm. insulation	mm.	169	186	206	230	256	256	266	286	306	331	356	390	410	460	510	-
Weigh	kg/m	1,12	1,33	1,56	1,85	2,00	2,15	2,36	2,72	2,96	3,32	3,55	3,92	4,14	4,70	5,15	-
Max. overpressure	Pa	3400	3200	2500	2200	2200	2200	2000	2000	2000	2000	2000	1800	1600	1400	1200	-
Bend radius	ca. mm. R = 1 to 1,5 x inh. diameter											R = 1,5 to 2 x inh. diameter					
Temp. reach	To +150°C																
Special version for cleanrooms and higher pressures available on request																	

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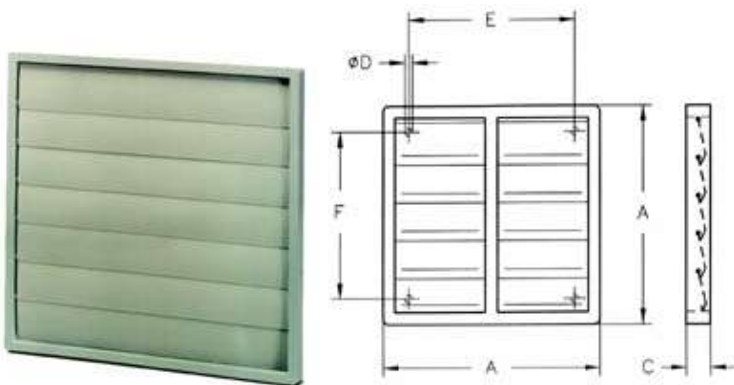
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LOUVRE FLAPS

PL

Louvres flaps for mounting on the wall.

Material: completely plastic.



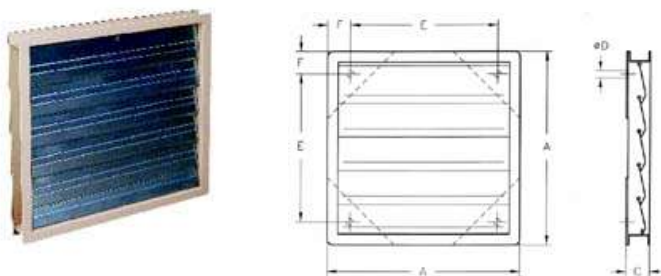
Model	A	C	ØD	E	F
PL-20	240	28	5,2	193	167
PL-25	294	26	5	232	232
PL-31	347	26	5	276	276
PL-35	397	26	5	310	310
PL-40	459	26	5	364	364
PL-45	501	26	5	395	395
PL-50	549	31	5	445	445
PL-56	605	28	5	522	522
PL-63	696	31	5	626	626
PL-71	760	40	5	692	692
PL-80	840	40	5	772	772
PL-90	940	40	5	872	872
PL-100	1040	40	5	972	972

P

Louvres flaps for mounting on the wall.

Frame Material: Aluminum

Material flaps: Aluminum



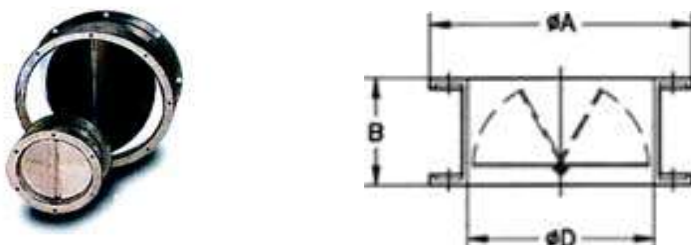
Model	A	C	ØD	E	F
P-25	290	51	6	187	51,5
P-35	400	51	6	266	67,0
P-45	500	51	6	347	76,5
P-56	600	51	6	447	76,5
P-71	780	72	6	605	87,5
P-90	970	72	6	755	107,5
P-100	1070	72	6	850	110,0

PT

Return flaps for installation in vertical piping.

Material tube: Galvanized steel

Material flaps: Aluminum



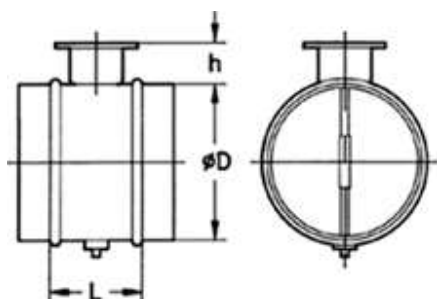
Model	ØD	ØA	B
PT-250	250	310	150
PT-355	355	435	200
PT-500	500	600	280
PT-630	630	730	355
PT-710	710	810	400

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OPEN / CLOSE FLAPS

DTU



Completely closing cover.

DTU valves are used where a canal should be completely sealed.

The control damper is made up of a double sheet, between which an EPDM rubber seal is mounted.

This aging resistant rubber plug when closed position the valve body virtually airtight (see graph).

The axle bearing is made of brass so that it is possible to adjustable valve manifold.

DTU flaps can also come in a number of special models.

DTMU is carried out with a simple hand-operate imagine quadrant (no tools required).

DSTWU is carried out with a limb, therefore it is possible to operate the valve remotely via a threaded spindle or chain.

The valve DTWU has no locking device.

TDU for Servo Motor Control, standard serving Belimo motor. With shaft Ø 8 mm., But also suitable on request to make up for other manufacturers (not shown).

DTMU/DTWU



Fully closing valve with handle or chain wrench.

Ød1 nom.	M Nm	H	Kg.
80	1,0	95	0,4
100	1,0	105	0,5
112	1,0	110	0,6
125	1,0	118	0,7
140	1,0	125	0,7
150	1,0	130	0,8
160	1,0	135	0,9
180	1,0	145	1,1
200	1,0	155	1,2
225	1,5	165	1,4
250	1,5	185	1,8
280	2,0	195	2,1
300	2,0	205	2,3
315	2,0	215	2,5
355	4,0	235	2,8
400	6,0	255	3,6
450	7,0	280	4,2
500	8,0	305	4,9
560	9,0	335	5,9
600	10,0	355	6,9
630	10,0	370	7,8

RGS

grilles for round air ducts



DESCRIPTION:

The grille type RGS is a grille with adjustable blades, suitable for direct installation in round ducts. The grid is designed such that the flange in the longitudinal direction of the grid always fits against the wall of the channel independent of the channel diameter.

RSG grille is made of Sendzimir galvanized sheet steel and is assembled without welds. This means that it can be mounted without any further surface treatment.

The grid can be supplied with:

- Vertical louvers
- Vertical and horizontal louvers
- Parallel or angled slide valve
- Manual valve

MATERIALS AND FINISH:

Schedule: Sendzimir galvanized sheet.

Slide flap: electrolytic galvanized sheet.

Manual valve: electrolytic galvanized sheet.

The grid can also be powder coated (on request).

ORDER EXAMPLE

Productcode: RGS - a - bbb - ccc

Type _____

Attachments _____

A-size _____

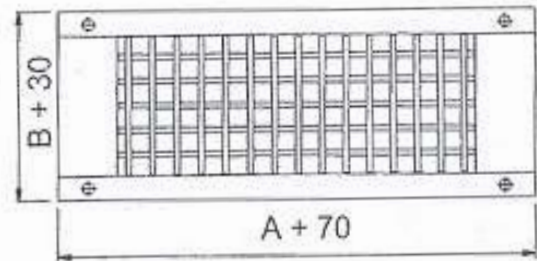
B-size _____

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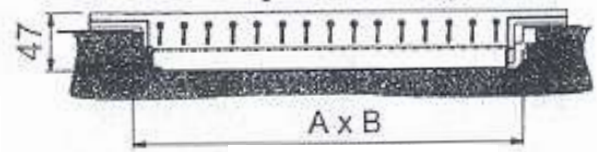
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DIMENSIONS

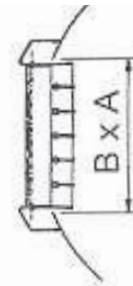
Size AxB	Min. channel diameter	Free pass through m ²	C-Size mm.	Weigth RGS-1 kg.
325x 75	160	0,017	106	1,1
425x 75	160	0,023	116	1,4
525x 75	160	0,028	126	1,7
625x 75	160	0,034	131	1,9
825x 75	160	0,045	151	2,4
1025x 75	200	0,056	166	2,9
1225x 75	200	0,068	186	3,2
325x125	250	0,028	106	1,3
425x125	250	0,037	116	1,8
525x125	250	0,047	126	2,0
625x125	250	0,056	131	2,4
825x125	250	0,074	151	3,1
1025x125	250	0,093	166	3,4
1225x125	250	0,112	186	4,0
325x150	315	0,034	106	1,4
425x150	315	0,045	116	1,9
525x150	315	0,056	126	2,3
625x150	315	0,068	131	2,6
825x150	315	0,093	151	3,5
1025x150	315	0,112	166	3,9
1225x150	315	0,136	186	4,4
325x225	500	0,056	106	2,2
425x225	500	0,074	116	3,0
525x225	500	0,093	126	3,4
625x225	500	0,112	131	3,7
825x225	500	0,148	151	5,1
1025x225	500	0,186	166	5,8
1225x225	500	0,224	186	6,3



the required mounting screws are included



Hole or duct size



APPLICATION

RGS-2

Suitable for supply and extract. The grille is equipped with a simple manual valve and has a lower noise level than RGS-6.

RGS-3

Version as RGS-2 but also with horizontal adjustable louvers especially for supply.

RGS-4

Only suitable for extraction, with parallel mounted slide.

RGS-6

With angled slide. Suitable for supply and extract. The grid is provided with an obliquely disposed slide valve which ensures that the air is distributed over the entire grid.

RGS-7

Version as RGS-6 but with adjustable horizontal slats especially for supply.

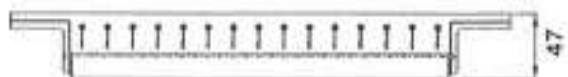
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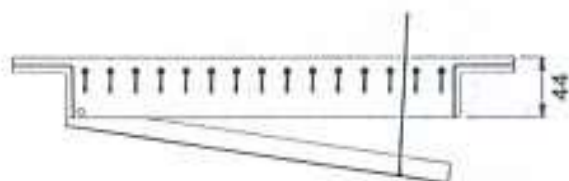
ACCESSORIES



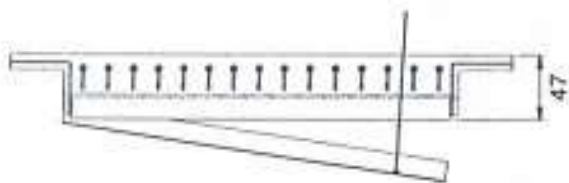
RGS-0
Only vertical blades



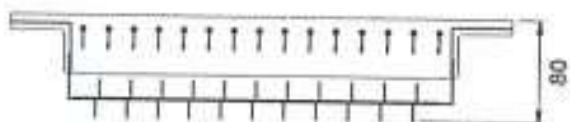
RSG-1
Vertical and horizontal blades



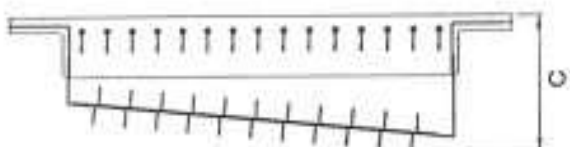
RGS-2
Vertical blades with manual control valve



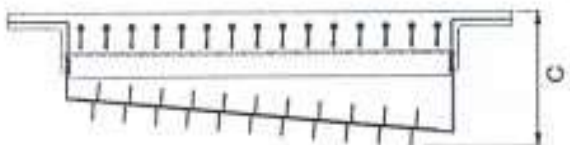
RGS-3
Vertical and horizontal blades with manual control valve



RGS-4
Vertical blades and parallel placed slide valve



RGS-6
Vertical blades and angled sliding valve



RGS-7
Vertical, horizontal blades and angled sliding valve

RHE CHANNEL GRIDS

RHE channel grids are supply and exhaust grilles adjustable louvers suitable for mounting directly in rectangular channel, wall or ceiling.

The grids are made of Sendzimir galvanized steel and assembled without welds.

This means that these grills can be mounted be without any further surface treatment.

A big advantage is that the appearance of the grids is the same as the rectangular channel work.

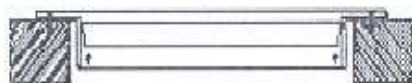
It is possible to order the grids in a RAL color to.

The grids can be supplied in various versions be, with assembled control or valve, suitable for screw mounting by means a mounting window, with a blind flap or a combination of these versions.

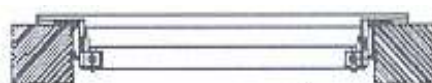


MOUNTING VARIATIONS

With screw holes

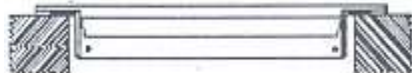


With spring clips and assembly frame

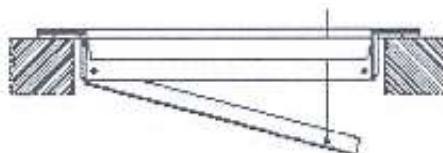


GRIL VARIATIONS

With horizontal blades



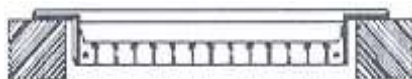
With horizontal blades and valve



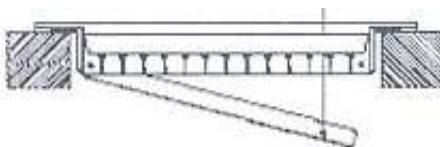
With horizontal blades and jealousy valve



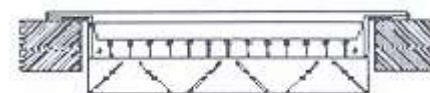
With horizontal blades and vertical blades



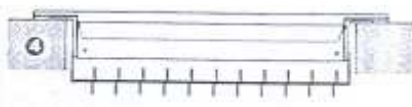
With horizontal, vertical blades and valve



With horizontal, vertical blades and jealousy valve



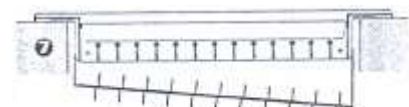
With horizontal blades and parallel placed slide valve



With horizontal blades and angled slide valve



With horizontal, vertical blades and angled slide valve

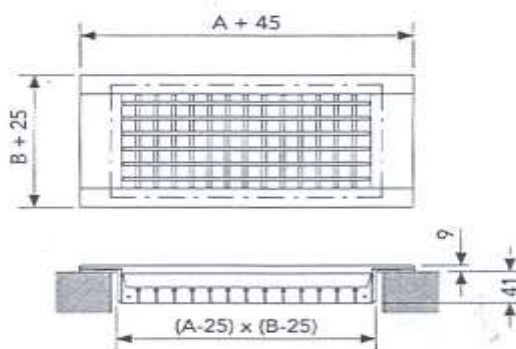
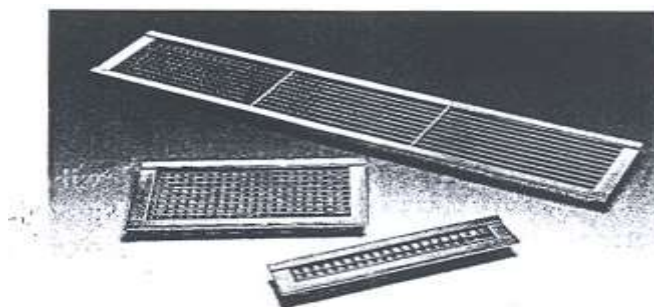


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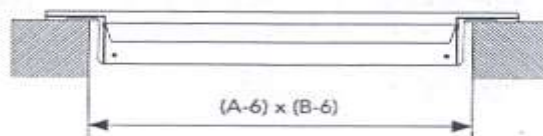
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DIMENSIONS

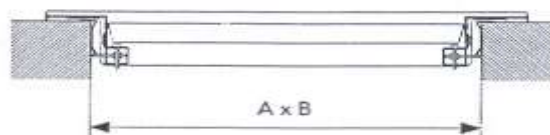
Size AxB in mm.	Free pass through m ²	Weight kg.
225x 75	0,008	0,9
325x 75	0,012	1,1
425x 75	0,016	1,4
525x 75	0,020	1,7
625x 75	0,024	1,9
825x 75	0,032	2,4
1025x 75	0,040	2,9
1225x 75	0,048	3,2
225x125	0,016	0,8
325x125	0,024	1,3
425x125	0,032	1,8
525x125	0,040	2,0
625x125	0,048	2,4
825x125	0,064	3,1
1025x125	0,080	3,4
1225x125	0,096	4,0
225x225	0,032	2,3
325x225	0,048	2,6
425x225	0,064	3,0
525x225	0,080	3,4
625x225	0,096	3,7
825x225	0,128	5,1
1025x225	0,160	5,8
1225x225	0,192	6,3
425x325	0,096	4,0
525x325	0,120	4,6
625x325	0,144	5,2
825x325	0,192	7,0
1025x325	0,240	7,8
1225x325	0,288	8,8
625x425	0,192	7,4
825x425	0,256	10,2
1025x425	0,320	11,4
1225x425	0,384	12,4
825x525	0,320	10,5
1025x525	0,400	11,7
1225x525	0,480	13,0



Installation with visible screws



Mounting with covered screws and mounting frame



ORDER EXAMPLE

Article number

Type

Mounting version

Grid version

Zinc plated

Powder coated white, RAL 9010

Powder coating in other RAL color

A-Size

B-Size

RHE - a - b - c - ddd x eee

0

1

2

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FLEXIBLE CONNECTIONS

This compound is a "pre-fabricated" flexible sleeve, complete with connecting flanges, consisting of two strips of galvanized sheet metal, connected by a strip of air-tight PVC-material coated with polyurethane or neoprene-aluminum, depending on the nature of Installation required.

Think a moment in a complete connector on a roll, just mark the desired contour, shearing, bending at will and the connection is ready.

1. Galvanized strips
be mounted on the fan or
channel.
2. Metal for angular shape
or circular ducts.
3. Airtight material very
flexible and custom upholstered.
4. The fabric is folded twice
in the metal and is air-tight.
5. The entire connector
supplied on rolls of 30 m.



Versions:

Polyester / PVC dimensions 45x60x45 mm. for temperatures up to max. 80 ° C.
Polyester / PVC dimensions 65x95x65 mm. for temperatures up to max. 80 ° C.
Polyester / Neoprene dimensions 45x60x45 mm. for temperatures up to max. 80 ° C.

We will send you samples upon request.

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