

LOUVRE PANELS AND GRILLES



INTRODUCTION

Why choose RENSON Louvres ?

- RENSON does not only create products but also offers a concept.
- RENSON innovates. Therefore RENSON sets the standard.
- RENSON has a comprehensive range of louvres.
- RENSON applies a 60 to 70 microns powder-coated finish (for UK: min 40 microns)
- RENSON anodises with a minimum RAL coating of 20 microns.
- RENSON gives advice, technical support and training seminars.
- RENSON has been building relationships since 1919.

RENSON Ventilation, Waregem (BE), Arch.: J. Crepain



Built in wall louvres

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Conditional technical changes • The most recent edition of the brochure can be downloaded on www.renson.eu

2. RENSON CORPORATE IDENTITY

6 good reasons to become a RENSON customer.

1. Customer satisfaction through personal contact, professional advice, excellent service and reliable, high-performance products is the key goal of our company.

2. RENSON is a renowned and established multinational company with international knowledge and experience thanks to the efforts of our local specialists. They are present in every region of the world. Renson has contributed to projects all around the world from Moscow to Tahiti and from Monaco to Shanghai.

3. Complete service from start until finish, adequate support and advice at design stage, at site-meetings and at installation.

4. The production process is fully vertically integrated, which enables manufacturing to strict standards. The investment in injection-moulding machinery, anodising facilities and a fully automatic powder-coating installation ensures efficiency and accuracy. The assembly method of components and profiles requires us to meet tight tolerances.

5. Continuous research & development translates customer needs into unique solutions and innovative products.

6. RENSON specialises in all aspects of ventilation and solar shading; achieving the current goals of the design of a Healthy Building with reduced energy costs.





WORLDWIDE REFERENCE LIST (CLS)

BELGIUM

Highschool GroepT - Leuven
Airport - Zaventem
Smithkline Beecham Plant - Brussels

FRANCE

Futuroscope - Poitiers
Euralille - Lille
Paris-Expo - Paris
UVE - Rouen
Gemey Maybelline - Orléans
Siege SNCF - Mouchotte, Paris
Chu - Perpignan
Ifremer - Sète
Thomson - Rousset

GERMANY

Airport - Frankfurt
Messehalle - Frankfurt
Messehalle - München
Audi - Neckarsulm
Regierungsviertel - Erfurt
Technologycentre - Gelsenkirchen
Peek & Cloppenburg - Köln
Parkhaus Am Geucht - Rostock
Technologycentre - Heidelberg

ISRAEL

Telephone CY- Naharia

HUNGARY

NBC-Building - Budapest

ITALY

University - Bologna

POLAND

Riviera - Warschau
Reform Plaza - Warschau
Metro - Warschau
Hotel Mercure - Poznan
Galeria Kazimierz - Krakow

THE NETHERLANDS

High Tech Centre Philips - Eindhoven
Haagse Poort - Den Haag
Prinsenhof - Den Haag
Showbizzcity - Aalsmeer
BAM Krasnapolsky - Amsterdam
Shopping Center Alexandrium - Amsterdam
Scheepvaart en transportcollege - Rotterdam
Maritiem museum - Rotterdam
KPN Callcenter - Amersfoort
Sony Music - Delft

TURKEY

Pamuk Bank - Istanbul

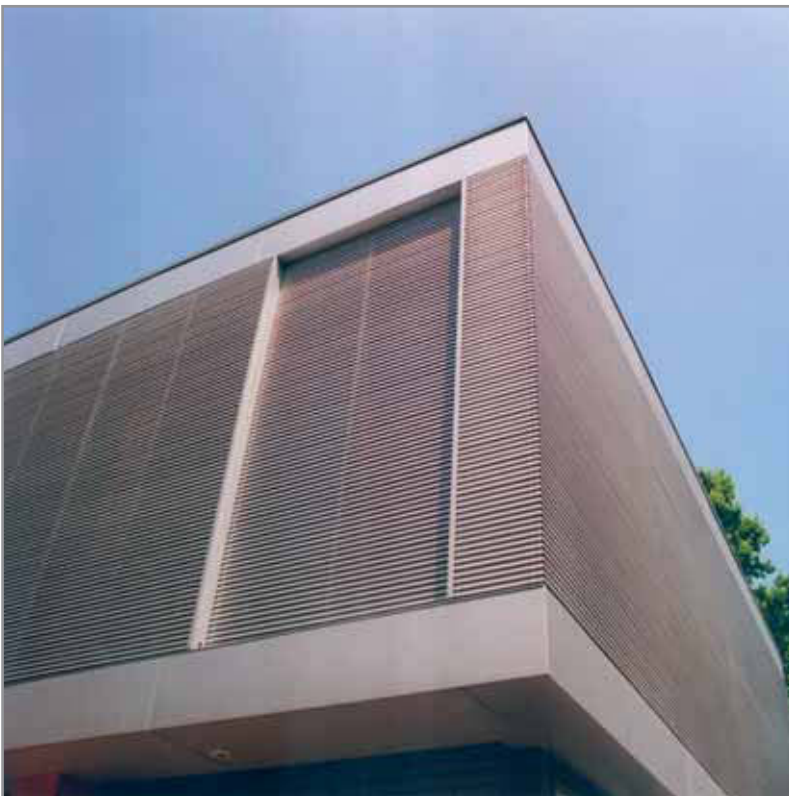
UNITED KINGDOM

Royal Opera House - London
Carlton Gardens - London
Moor Plot 1 - Moor Plot 3 - London
Wembley Stadium - London
Central Transport Terminal Heathrow Airport
Windsor Castle Gardens
John Ratcliffe Hospital - Oxford
Odeon - Glasgow
Breahead Park - Glasgow
Bank of England - Cambridge
B.A.C.S. Facility - Loughton
Spinningfields - Manchester

SWITZERLAND

World Trade Center - Lugano

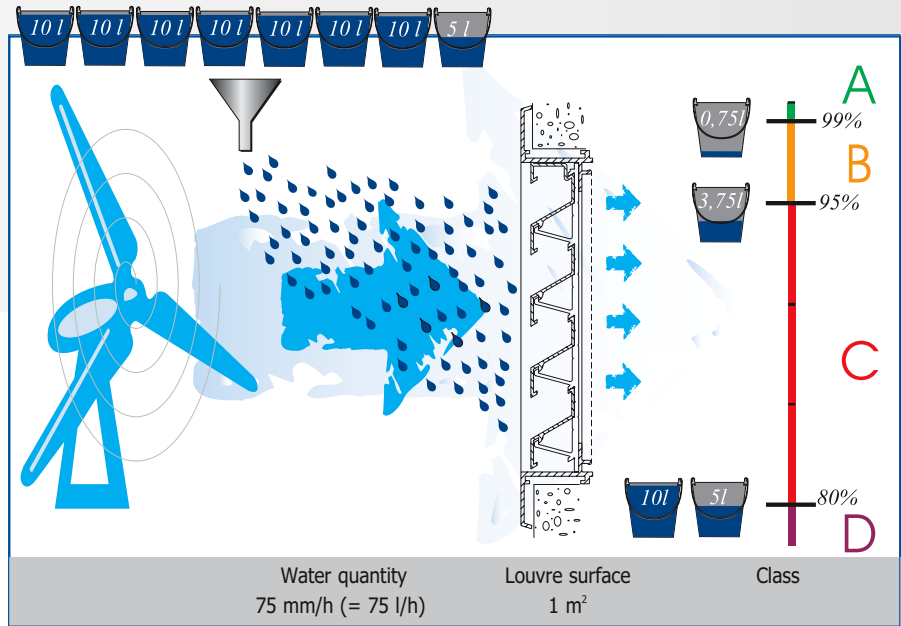




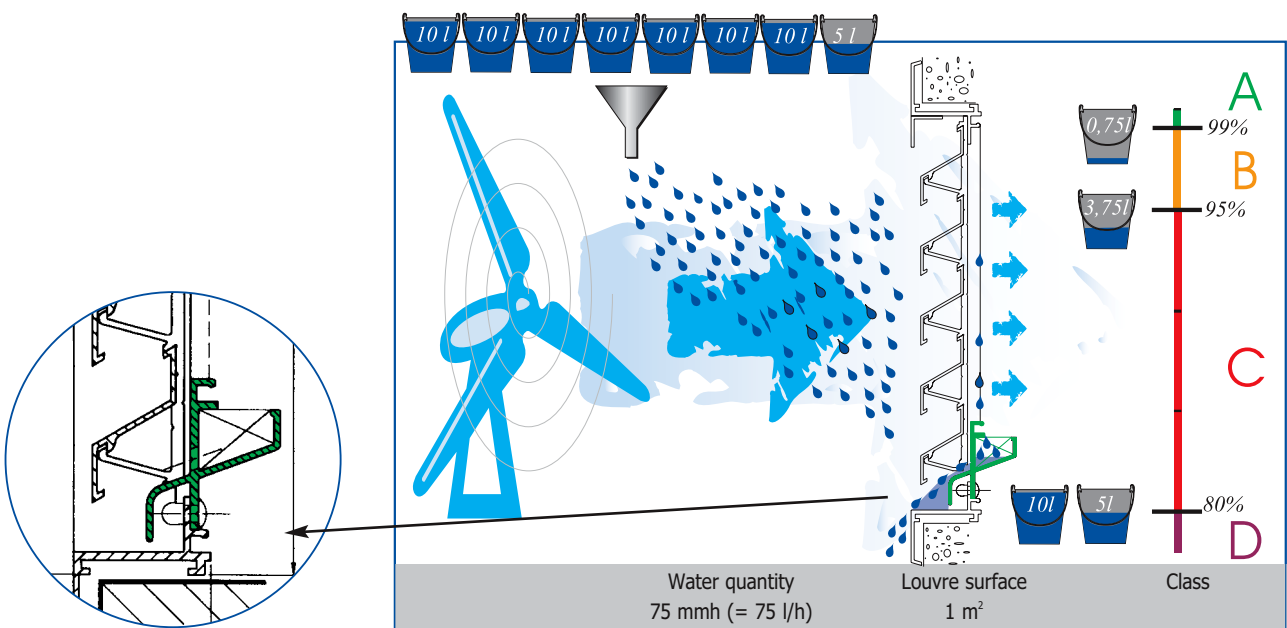
3. METHOD FOR WATERTIGHTNESS-TESTING, HEVAC

The new European Standard CEN/TC 156, specifies the water tightness of louvres for natural and mechanical ventilation. Therefore all Renson-louvres were subject to HEVAC-tests, performed in the United Kingdom by BSRIA, an international approved organisation.

The louvre of 1m² fitted with stainless steel insect mesh is subject to simulated heavy rain, or 75 litres of water/hour at a speed of 13 m/s. Depending on the results (this is the degree of waterinfiltration), a HEVAC-classification is made up.



Test of a 411 louvre without a water channel



Test of a 411 louvre with a water channel

	Class	% of watertightness
extra high	A	100 - 99
high	B	98,9 - 95
medium	C	94,9 - 80
low	D	< 80

With mesh 2,3 x 2,3 mm

Louvres type	Air velocity through (m/s)	Standard louvre		Equipped with water channel	
		%	Class	%	Class
411/414	0,0	96,7	B	98,7	B
	0,5	95,0	B	98,0	B
	1,0	93,3	C	96,4	B
	1,5	< 80	D	88,5	C
	2,0				
412/415	0,0	98,1	B	99,5	A
	0,5	96,9	B	99,0	A
	1,0	89,96	C	98,0	B
421/424	0,0	90,6	C	96,9	B
	0,5	87,7	C	95,6	B
	1,0	< 80	D	93,7	C
	1,5	< 80	D	89,0	C
	2,0				
451	0,0	91,0	C	98,0	B
	0,5	89,3	C	96,1	B
	1,0	87,1	C	94,2	C
	1,5	81,6	C	89,5	C
	2,0	70,7	D		
425	0,0	82,0	C	96,6	B
	0,5	74,8	D	93,9	C
	1,0	< 80	D	90,0	C
	1,5	< 80	D	83,5	C
	2,0	< 80	D	76,3	D

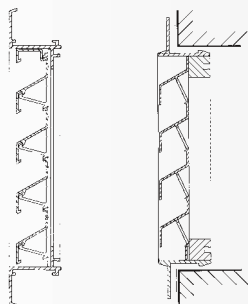
With mesh 6 x 6 mm

Louvres type	Air velocity through (m/s)	Standard louvre		Equipped with water channel	
		%	Class	%	Class
421/424	0,0	84,2	C	94,2	C
	0,5	81,0	C	91,8	C
	1,0	< 80	D	89,5	C
	1,5			85,7	C
	2,0				
422	0,0	99,3	A	99,93	A
	0,5	98,11	B	99,46	A
	1,0	93,39	C	96,91	B
	1,5	87,46	C	87,92	C
	2,0	59,97	D	62,24	D
	2,5	25,03	D	21,99	D
	3,0	17,94	D	18,08	D
451	0,0	85,4	C	92,0	B
	0,5	83,6	C	90,1	B
	1,0	< 80	D	88,2	C
	1,5			83,5	C
	2,0				
425	0,0	< 80	D	91,3	C
	0,5			88,3	C
	1,0			85,1	C
	1,5			79,4	D
	2,0				

PRODUCT RANGE

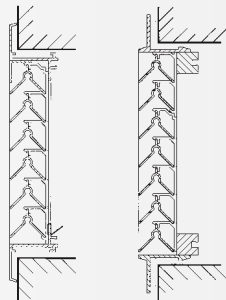
N° 411
p12

N° 411 R
p13



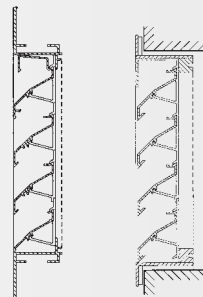
N° 412
p14

N° 412 R
p15



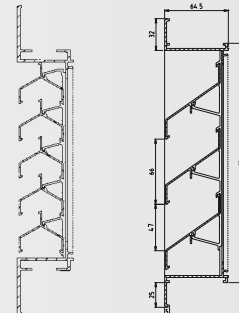
N° 421
p16

N° 421 R
p17



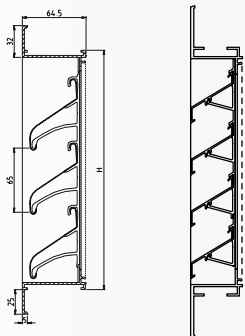
N° 422
p18

N° 451
p19

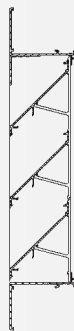


N° 453
p20

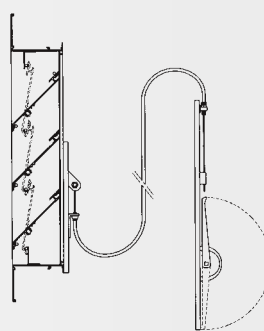
N° 481
p21



N° 425
p22



N° 427
p23

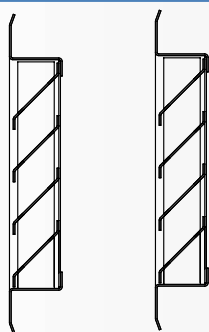


N° 511
p24



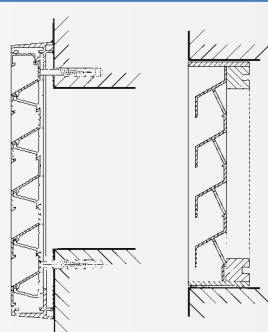
N° 521
p25

Nr 621
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N° 431
p27

Nr 431 R
p28

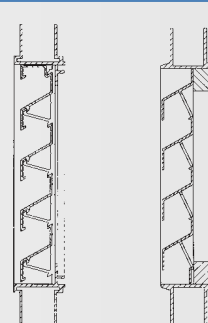


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p29

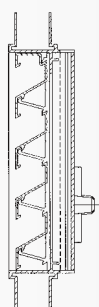


N° 414
p30

N° 414 R
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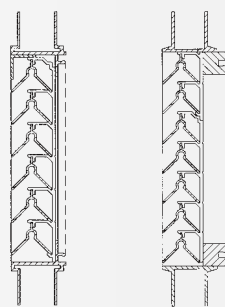


N° 414/VA
p32

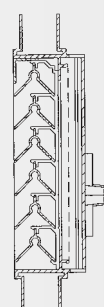


N° 415
p33

N° 415 R
p34

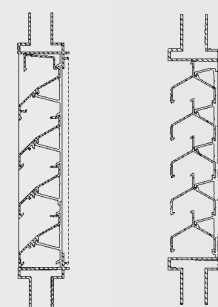


N° 415/VA
p35



N° 424
p36

N° 428
p37



All section drawings can be downloaded from our internet website : www.renson.eu

WALL LOUVRE N° 411

Built in louvre

Standard series, Aluminium

PRODUCT DESCRIPTION:

- Units are assembled from extruded sections of aluminium AlMgSi 0,5
- Finishes: - satin or bronze anodised
- any colour from the RAL-range can be supplied (RAL 60 - 70 microns, UK: min 40 microns)
- An insect screen in stainless steel 304 18/8 is fitted as standard (square screening 2.3 x 2.3 mm) 6 x 6 mm or 10 x 10 mm on request
- Depth to fit: 28.5 mm
- Flange size: 21 mm
- Minimum dimensions 85 x 85 mm H
- Visual free area: 59 %

OPTIONS:

- Water channel (see page 8 - 9)
- Drainage profile
- Controllable 411/VA (see 414/VA) with hit and miss ventilators

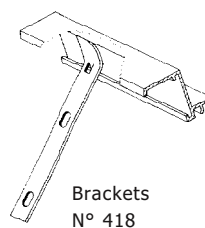
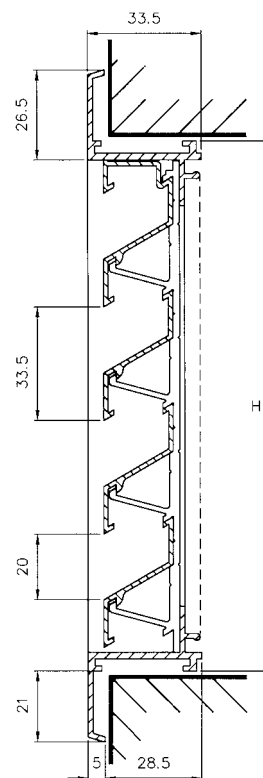
FIXING:

- Fixing spring clips (419) and brackets (418) are supplied on request
- Louvres larger than 3m² need a backstructure

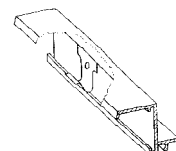
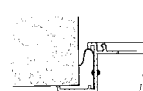
STANDARD SIZES:

Width x Height (W) (H)	SAA	Bronze	RAL 9910	RAL 8019
200 x 200 mm	•	•	•	•
300 x 200 mm	•	•	•	•
300 x 300 mm	•	•	•	•
400 x 200 mm	•	•	•	•
400 x 300 mm	•	•	•	•
400 x 400 mm	•	•	•	•
500 x 300 mm	•	•	•	•
500 x 400 mm	•	•	•	•
500 x 500 mm	•	•	•	•
600 x 300 mm	•	•	•	•
600 x 400 mm	•	•	•	•
600 x 600 mm	•	•	•	•
700 x 700 mm	•	•	•	•
1000 x 500 mm	•	•	•	•
1000 x 1000 mm	•	•	•	•
300 x 112 mm	•	•	•	•
350 x 142 mm	•	•	•	•
400 x 162 mm	•	•	•	•
112 x 112 mm	•	•	•	•
142 x 142 mm	•	•	•	•
162 x 162 mm	•	•	•	•

Other sizes are manufactured to your specific requirements



Spring clips
N° 419



ROUND WALL LOUVRE N° 411 R

Built in louvre



With frame, Aluminium

PRODUCT DESCRIPTION:

- Units are assembled from extruded sections of aluminium AlMgSi 0,5
- Frame assembled by 1 welding point
- Finishes: - satin or bronze anodised
 - any colour from the RAL-range can be supplied (RAL 60 - 70 microns, UK: min 40 microns)
- An insect screen in stainless steel 304 18/8 is fitted as standard (square screening 2,3 x 2,3 mm)
 - 6 x 6 mm or 10 x 10 mm on request
- Minimum diameter 300 mm
- Depth to fit: 42 mm
- Flange size: 21 mm
- Visual free area: 58 %
- Maximum diameter: 1400 mm if anodised
1500 mm if powdercoated
larger versions : 2 parts

OPTIONS:

- Controllable 411 R/VA (see 414/VA) with hit and miss ventilators

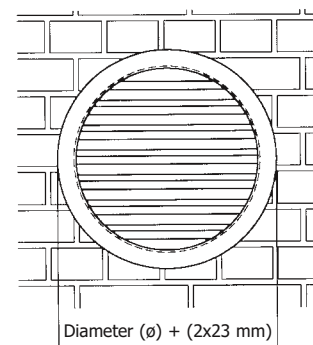
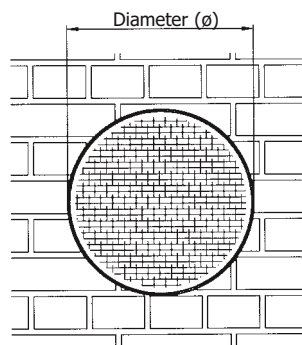
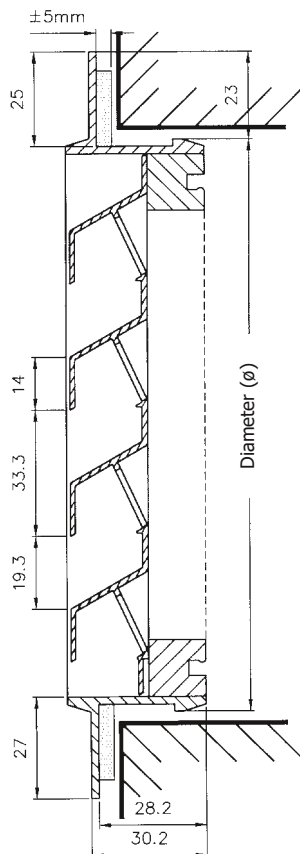
FIXING:

- Brackets prefixed onto the frame

STANDARD SIZES:

	SAA	RAL 9910	RAL 9006
ø 300	•	•	•

Other sizes are manufactured to your specific requirements



WALL LOUVRE N° 412

Built in louvre

With chevron section blades, Aluminium

PRODUCT DESCRIPTION:

- Units are assembled from extruded sections of aluminium AlMgSi 0,5
- Finishes: - satin or bronze anodised
 - any colour from the RAL-range can be supplied (RAL 60 - 70 microns, UK: min 40 microns)
- A bird mesh screen in stainless steel 304 18/8 6 x 6 mm is fitted as standard* (insect screen (*standard in UK) 2,3 x 2,3 mm or bird mesh 10 x 10 mm on request)
- Depth to fit: 28,5 mm
- Overall flange size - opening size = 2 x 21 mm
- Visual free area: 93 %
- Minimum dimensions = 85 x 85 mm
- Delivered with earthing lug

OPTIONS:

- Water channel (see page 8 - 9)
- Drainage profile
- Controllable 412/VA (see 415/VA) with hit and miss ventilator

FIXING:

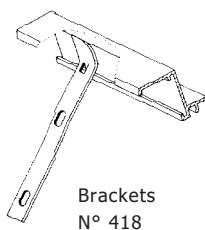
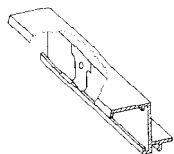
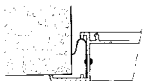
- Fixing spring clips are supplied on request
- Brackets are supplied as standard
- Louvres larger than 3 m² need a backstructure

STANDARD SIZES:

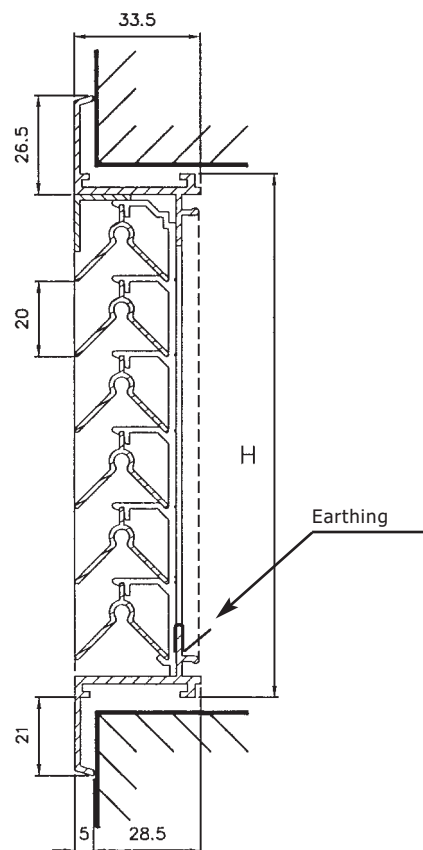
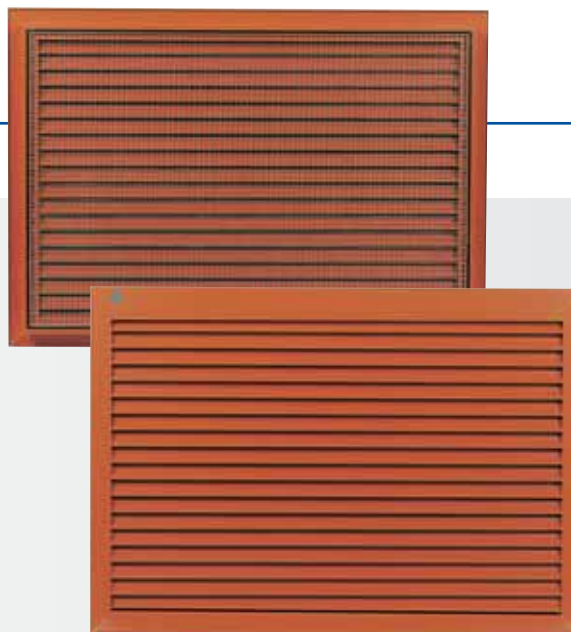
Width x Height (L) (H)	SAA
200 x 200 mm	•
300 x 300 mm	•
400 x 300 mm	•
500 x 300 mm	•
600 x 400 mm	•

Other sizes are manufactured to your specific requirements

Spring clips
N° 419



Brackets
N° 418



ROUND WALL LOUVRE N° 412 R

Built in louvre



With chevron section blades, Aluminium

All louvres are manufactured to your specific requirements

PRODUCT DESCRIPTION:

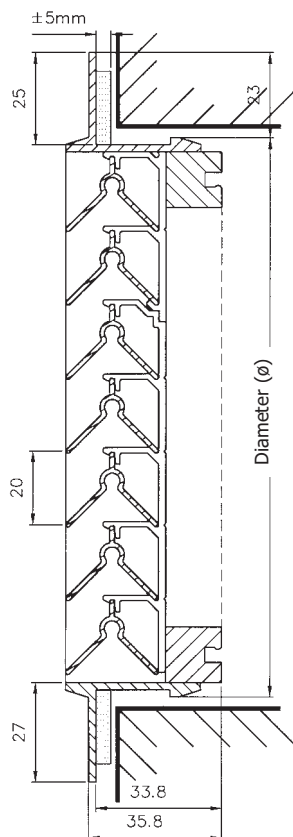
- Units are assembled from extruded sections of aluminium AlMgSi 0,5
- Finishes: - satin or bronze anodised
- any colour from the RAL-range can be supplied (RAL 60 - 70 microns, UK: min 40 microns)
- A bird mesh screen in stainless steel 304 18/8 6 x 6 mm is fitted as standard* (insect screen (*standard in UK) 2,3 x 2,3 mm or bird mesh 10 x 10 mm on request)
- Minimum diameter 300 mm
- Depth to fit: 33,8 mm
- Flange size: 25 mm
- Visual free area: 93 %
- Maximum diameter: 1400 mm. if anodised
1500 mm. if powdercoated
larger versions: 2 parts

OPTIONS:

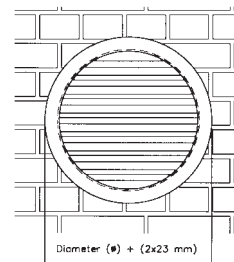
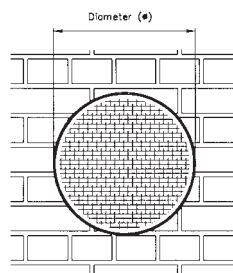
- Controllable 412 R/VA (see 414, page 30) with hit and miss ventilator

FIXING:

- Brackets preassembled onto the frame



Min. diameter (ø) 300 mm
Max. diameter (ø) 1500 mm



WALL LOUVRE N° 421

Built in louvre

Heavy duty series, Aluminium

All louvres are manufactured to your specific requirements

PRODUCT DESCRIPTION:

- Units are assembled from extruded sections of aluminium AlMgSi 0,5
- Finishes: - satin or bronze anodised
 - any colour from the RAL-range can be supplied (RAL 60 - 70 microns, UK: min 40 microns)
- An insect screen in stainless steel 304 18/8 is fitted as standard (square screening 2,3 x 2,3 mm)
6 x 6 mm on request
- Depth to fit: 46 mm
- Flange size: 40 mm
- Visual free area: 70 %
- Minimum dimensions = 150 x 150 mm H
- No standard sizes

OPTIONS:

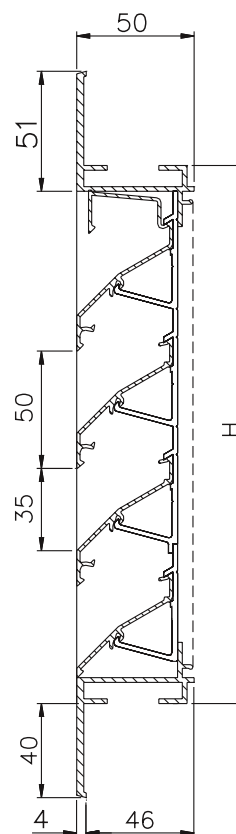
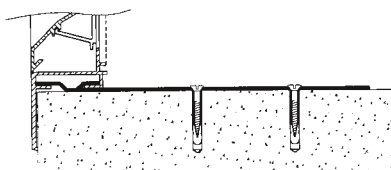
- Water channel (see page 8 - 9)
- Controllable 421/VA with hit and miss ventilator
- Drainage profile

FIXING:

- Brackets n° 1428 are supplied standard
- Louvres larger than 3 m² need a backstructure



Bracket n° 1428



WALL LOUVRE N° 421R

Built in louvre



Aluminium

All louvres are manufactured to your specific requirements

PRODUCT DESCRIPTION:

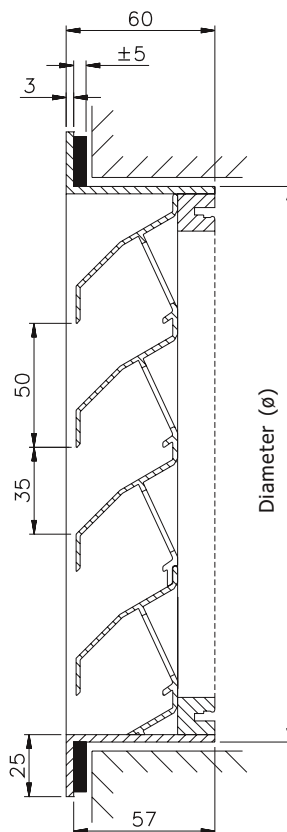
- Units are assembled from extruded sections of aluminium AlMgSi 0,5
- Frame assembled by 1 welding point
- Finishes: - satin or bronze anodised
 - any colour from the RAL-range can be supplied (RAL 60 - 70 microns, UK: min 40 microns)
- An insect screen in stainless steel 304 18/8 is fitted as standard (square screening 2,3 x 2,3 mm)
 - 6 x 6 mm or 10 x 10 mm on request
- Minimum diameter 400 mm
- Depth to fit: 57 mm
- Flange size: 22 mm
- Visual free area: 70%
- Maximum diameter: 1400 mm if anodised
1500 mm if powdercoated
larger versions : 2 parts

OPTIONS:

- Controllable 421/VA with hit and miss ventilator

FIXING:

- Brackets preassembled onto the frame



WALL LOUVRE N° 422

Built in louvre

Chevron blade heavy duty series, Aluminium

All louvres are manufactured to your specific requirements

PRODUCT DESCRIPTION:

- Units are assembled from extruded sections of aluminium AlMgSi 0,5
- Finishes: - satin or bronze anodised
 - any colour from the RAL-range can be supplied (RAL 60 - 70 microns, UK: min 40 microns)
- An insect screen in stainless steel 304 18/8 is fitted as standard (insect screen 2,3 x 2,3 mm or bird mesh 6 x 6 or 10 x 10 mm on request)
- Depth to fit: 46 mm
- Flange size: 40 mm
- Visual free area: 60 %
- Minimum dimensions = 150 x 150 mm H

OPTIONS:

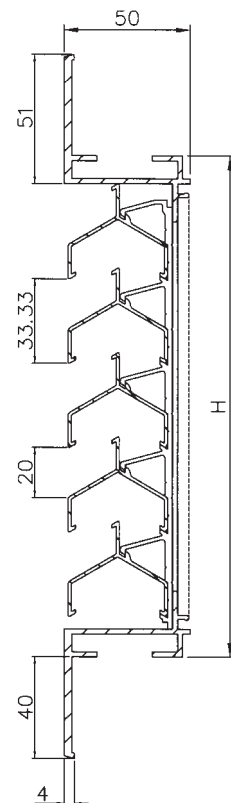
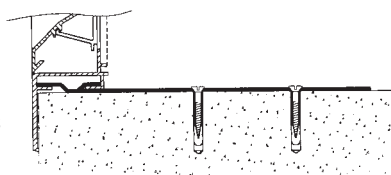
- Water channel (see page 8 - 9)
- Drainage profile
- in UK with head angle

FIXING:

- Brackets n° 1428 are supplied standard
- Louvres larger than 3 m² need a backstructure



Bracket N° 1428



WALL LOUVRE N° 451

Built in louvre

Extra heavy duty series, Aluminium

All louvres are manufactured to your specific requirements

PRODUCT DESCRIPTION:

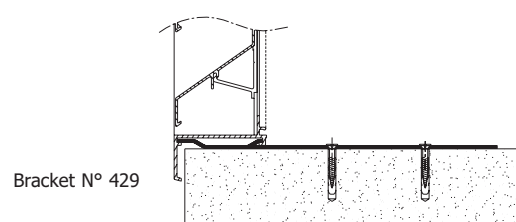
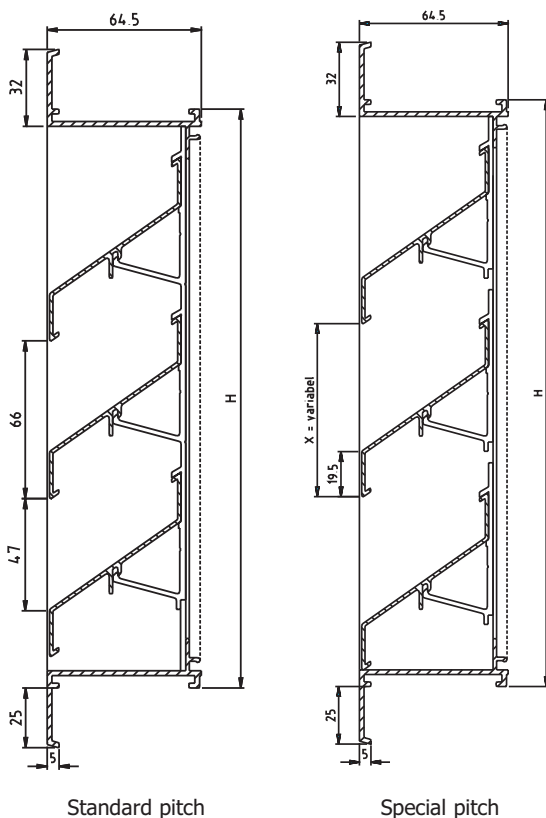
- Units are assembled from extruded sections of aluminium AIMg Si 0,5
- Finishes: - satin or bronze anodised
 - any colour from the RAL-range can be supplied (RAL 60 - 70 microns, UK: min 40 microns)
- A bird mesh screen in stainless steel 304 18/8 6 x 6 mm is fitted as standard* (insect screen (*standard in UK) 2,3 x 2,3 mm or bird mesh 10 x 10 mm on request)
- Depth to fit 59.5 mm
- Flange size: 25 mm
- Visual free area: 70%
- Minimum dimensions = 300 x 300 mm H
- Pitch larger than 66 mm on demand

OPTIONS:

- Water channel (see page 8 - 9)
- Drainage profile

FIXING:

- Brackets ref. 429 are supplied standard
- Louvres larger than 3 m² need a backstructure



WALL LOUVRE N° 453

Built in louvre

Extra heavy duty series, Aluminium

All louvres are manufactured to your specific requirements

PRODUCT DESCRIPTION:

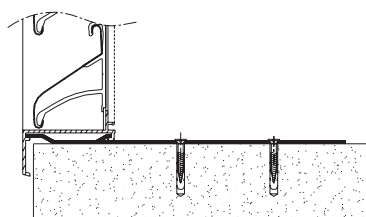
- Frame is assembled from extruded sections of aluminium AlMg Si 0,5, blades from rollformed alu coil
- Finishes : - any colour from the RAL-range can be supplied (RAL 60 - 70 microns, UK: min 40 microns)
- not available in SAA
- A bird mesh screen in stainless steel 304 18/8 6 x 6 mm is fitted as standard*
(insect screen (*standard in UK) 2,3 x 2,3 mm or bird mesh 10 x 10 mm on request)
- Depth to fit 59,5 mm
- Flange size: 25 mm
- Visual free area: 70%
- Minimum dimensions = 300 x 300 mm H

OPTIONS:

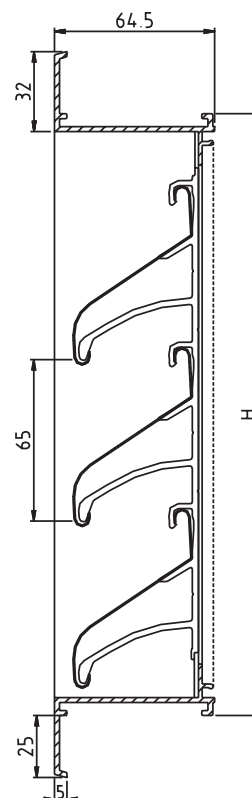
- Water channel (see page 8 - 9)
- Drainage profile

FIXING:

- Brackets ref. 429 are supplied standard
- Louvres larger than 3 m² need a backstructure



Bracket N° 429



WALL LOUVRE N° 481

Built in louvre



High airflow heavy duty series, Aluminium

All louvres are manufactured to your specific requirements

PRODUCT DESCRIPTION:

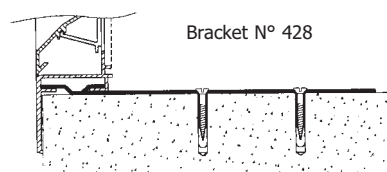
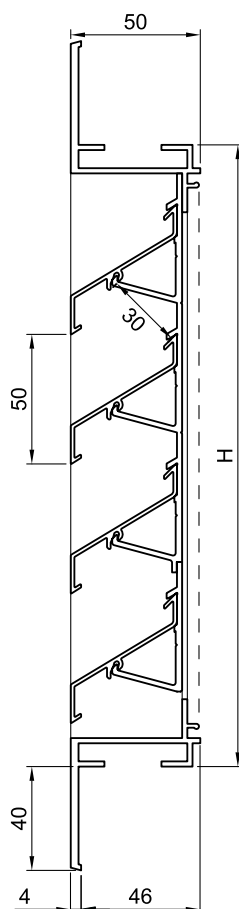
- Units are assembled from extruded sections of aluminium
AlMg Si 0,5
- Finishes: - satin or bronze anodised
- any colour from the RAL-range can be supplied
(RAL 60 - 70 microns, UK: min 40 microns)
- A bird mesh screen in stainless steel 304 18/8 6 x 6 mm is fitted as standard*
(insect screen (*standard in UK) 2,3 x 2,3 mm or
bird mesh 10 x 10 mm on request)
- Depth to fit: 46 mm
- Flange size: 40 mm
- Visual free area: 92%
- Minimum dimensions = 150 x 150 mm H

OPTIONS:

- Water channel (see page 8 - 9)
- Drainage profile

FIXING:

- Brackets ref. 429 are supplied standard
- Louvres larger than 3 m² need a backstructure



WALL LOUVRE N° 425

Built in louvre

Extra heavy duty series, Aluminium

All louvres are manufactured to your specific requirements

PRODUCT DESCRIPTION:

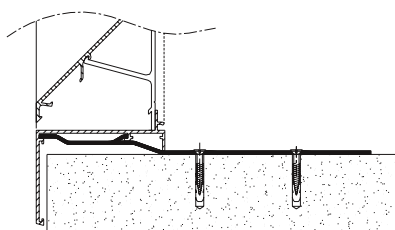
- Units are assembled from extruded sections of aluminium AlMgSi 0,5
- Finishes: - satin or bronze anodised
 - any colour from the RAL-range can be supplied (RAL 60 - 70 microns, UK: min 40 microns)
- A bird mesh screen in stainless steel 304 18/8 6 x 6 mm is fitted as standard* (insect screen (*standard in UK) 2,3 x 2,3 mm or bird mesh 10 x 10 mm on request)
- Flange size: 50 mm
- Depth to fit: 81,5 mm
- Visual free area: 86 %
- Minimum dimensions 300 x 300 mm
- No standard sizes

OPTIONS:

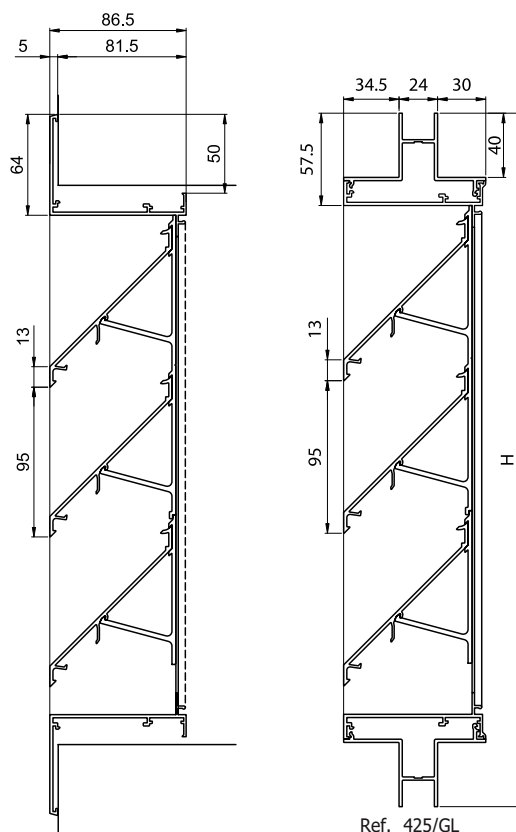
- Water channel (see page 8 - 9)
- Drainage profile

FIXING:

- Brackets ref. 429 are supplied standard
- Louvres larger than 3 m² need a backstructure



Bracket n° 429



WALL LOUVRE N° 427

Built in louvre



With adjustable blades, Aluminium

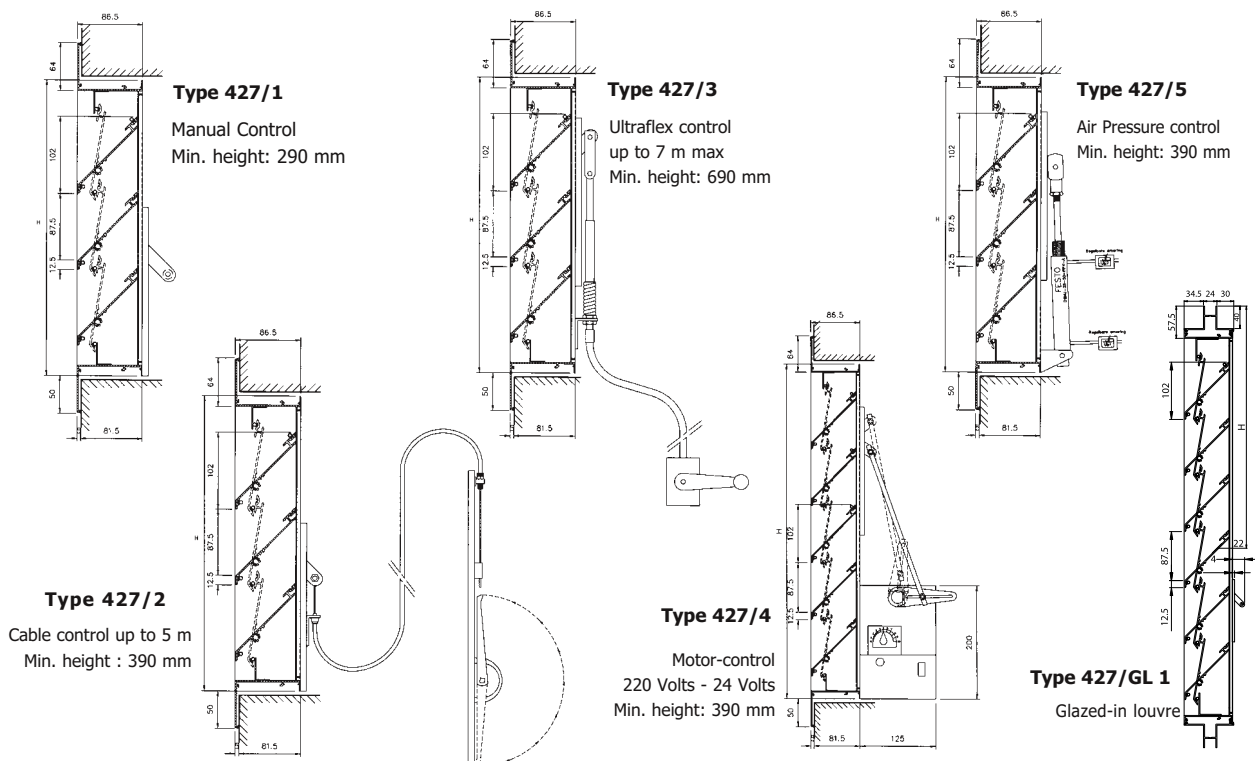
All louvres are manufactured to your specific requirements

PRODUCT DESCRIPTION:

- Units are assembled from extruded sections of aluminium AlMgSi 0,5
- Finishes: - satin or bronze anodised
 - any colour from the RAL-range can be supplied (RAL 60 - 70 microns, UK: min 40 microns)
- A bird mesh screen in stainless steel 304 18/8 6 x 6 mm is fitted as standard (insect screen 2,3 x 2,3 mm or bird mesh 10 x 10 mm on request)
- Depth to fit: 81,5 mm
- Flange size: 50 mm
- Height = (100 mm increments of height) + 90 mm
- Max length: 1300 mm in 1 piece
- Blade adjustment: hand lever device, cable, ultraflex or motorised units with factory fitted motor
- Visual free area: 88 %
- Minimum dimensions = 300 x 290 mm H

FIXING:

- Brackets ref. 429 are supplied



WALL LOUVRE N° 511

Built in louvre

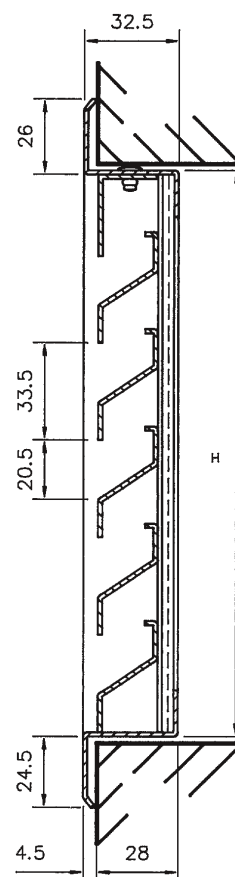
Standard series, Galvanised steel

PRODUCT DESCRIPTION:

- Manufactured from steelplate H2H
- Electrically plated 10 Micron Fe Zn 12C
- Insect screen of 0,8 mm gauge galvanised steel is fitted as standard - square screening 5 x 5 mm.
- Depth to fit: 28 mm
- Flange size: 24,5 mm
- Visual free area: 61 %

STANDARD SIZES:

Width x Height (L) (H)		
200 x 200 mm		•
400 x 200 mm		•
300 x 300 mm		•
400 x 300 mm		•
400 x 400 mm		•



WALL LOUVRE N° 521

Built in louvre



Heavy duty series, Galvanised steel

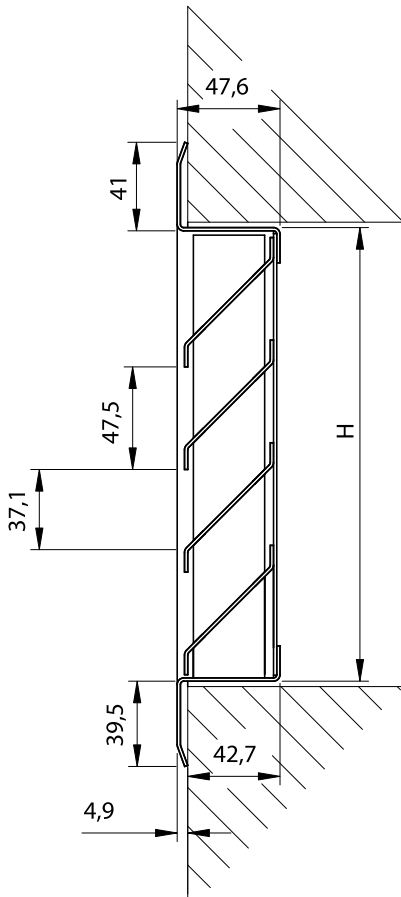
All louvres are manufactured to your specific requirements

PRODUCT DESCRIPTION:

- Manufactured from steelplate H2H
- Finishes: - Electrically plated 10 microns Fe Zn 12C
 - any colour from the RAL-range can be applied (RAL 60-70 microns)
- Bird mesh 12 x 12 x 1 mm, galvanized steel
- Depth to fit: 43 mm
- Flange size: 40 mm
- Visual free area: 68 %
- Minimum sizes 200 x 200 mm

STANDARD SIZES:

Width x Height (L) (H)	
300 x 300 mm	•
400 x 400 mm	•
600 x 400 mm	•
500 x 500 mm	•
600 x 600 mm	•
1000 x 1000 mm	•



WALL LOUVRE N° 621

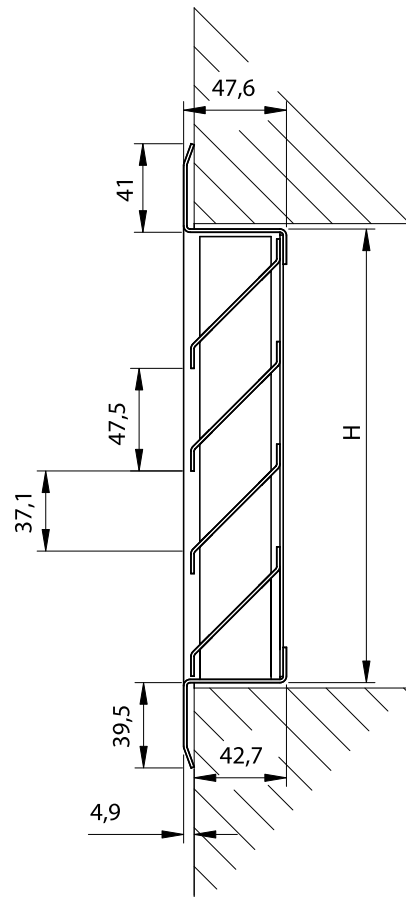
Built in louvre

Heavy duty series, Stainless steel

All louvres are manufactured to your specific requirements

PRODUCT DESCRIPTION:

- Units are assembled from extruded sections of stainless steel 316 2B
- A bird mesh screen in stainless steel 304 18/8 6 x 6 x 1 mm is fitted as standard
- Depth to fit: 43 mm
- Flange size: 40 mm
- Visual free area: 68 %
- Minimum sizes 200 x 200 mm



WALL LOUVRE N° 431

Surface mounted louvre



Surface mounted, Aluminium

PRODUCT DESCRIPTION:

- Units are assembled from extruded sections of aluminium AlMgSi 0,5
- Finishes: - satin or bronze anodised
 - any colour from the RAL-range can be supplied (RAL 60 - 70 microns, UK: min 40 microns)
- An insect screen in stainless steel 304 18/8 is fitted as standard (square screening 2,3 x 2,3 mm) 6 x 6 mm or 10 x 10 mm on request
- Depth: 29 mm
- Minimum dimensions 120 x 120 mm H
- Visual free area: 59 %

OPTIONS:

- Drainage profile

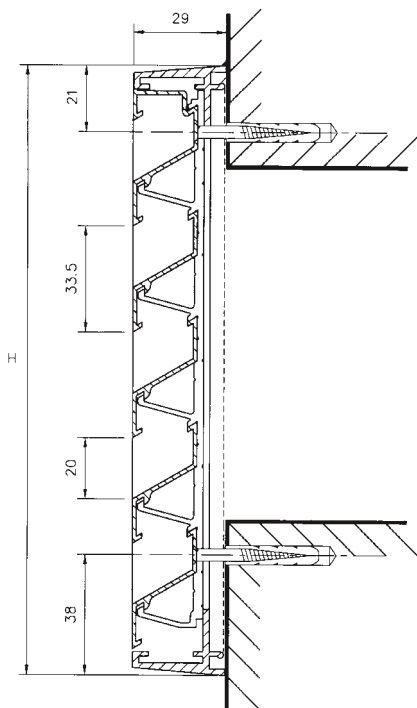
FIXING:

- Screws and plugs are included

STANDARD SIZES:

Width x Height (L) (H)	SAA	Bronze	RAL 9910
165 x 165 mm	•	•	•
225 x 225 mm	•	•	•
325 x 325 mm	•	•	•
425 x 425 mm	•		
525 x 525 mm	•		

Other sizes are manufactured to your specific requirements



ROUND WALL LOUVRE N° 431R

Surface mounted louvre

Without frame, Aluminium

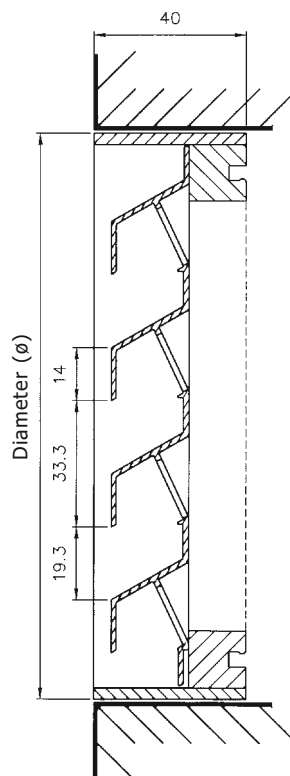
All louvres are manufactured to your specific requirements

PRODUCT DESCRIPTION:

- Units are assembled from extruded sections of aluminium AlMgSi 0,5
- Finishes: - satin or bronze anodised
 - any colour from the RAL-range can be supplied (RAL 60 - 70 microns, UK: min 40 microns)
- An insect screen in stainless steel 304 18/8 is fitted as standard (square screening 2,3 x 2,3 mm) 6 x 6 mm or 10 x 10 mm on request
- Minimum diameter 300 mm
- Depth to fit: 40 mm
- Visual free area: 58 %
- Maximum diameter: 1400 mm / if anodised
1500 mm / if powdercoated
larger versions: 2 parts

FIXING:

- Brackets preassembled onto the frame



PRESSURE RELIEF DAMPER N° 433

Surface mounted louvre



Aluminium

PRODUCT DESCRIPTION:

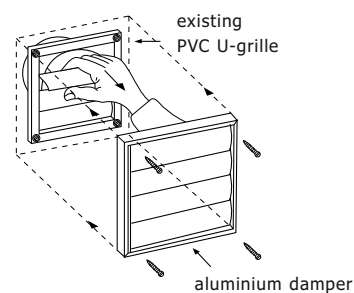
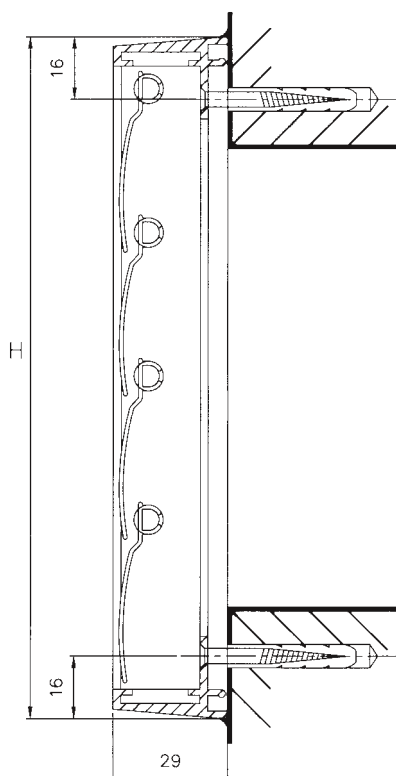
- Units are assembled from extruded sections of aluminium AlMgSi 0,5
- Finishes:
 - satin or bronze anodised
 - any colour from the RAL-range can be supplied (RAL 60 - 70 microns, UK: min 40 microns)
- Invisible fixing
- Sizes possible in height: 228 mm + 100 mm increments of height
- The blades have a maximum length of 800 mm in one piece
- Thickness: 29 mm

FIXING:

- Screws and plugs are supplied

GRILLES FOR EXTRACTOR HOODS (210x210 mm):

Fixing: a RENSON grille in aluminium is fitted on the existing PVC U-grille of which the blades have been removed.



STANDARD SIZES:

Width x Height (L) (H)	SAA	Bronze	RAL 9910	RAL 8019
GRILLES FOR EXTRACTOR HOODS				
173 x 173 mm	•	•	•	•
210 x 210 mm	•	•	•	•
246 x 246 mm	•		•	•
PRESSURE RELIEF DAMPERS				
328 x 328 mm	•		•	•
428 x 428 mm	•		•	•
528 x 528 mm	•		•	•

Other sizes are manufactured to your specific requirements

GLAZED-IN LOUVRE N° 414

Glazed-in louvre

Aluminium

All louvres are manufactured to your specific requirements

PRODUCT DESCRIPTION:

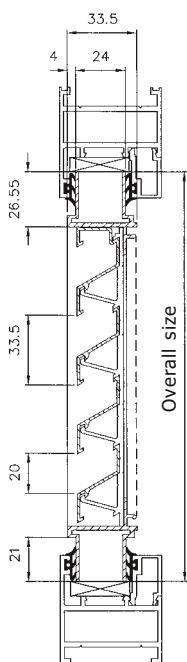
- Units are assembled from extruded sections of aluminium AlMgSi 0,5
- Finishes : - satin or bronze anodised
- any colour from the RAL-range can be supplied (RAL 60 - 70 microns, UK: min 40 microns)
- An insect screen in stainless steel 304 18/8 is fitted as standard (square screening 2,3 x 2,3 mm) 6 x 6 mm or 10 x 10 mm on request
- 24 mm equal leg outerframe as standard (28 and 32 mm also available on request)
- Minimum dimensions 130 x 130 mm H
- Overall size width x height is required, when ordering a louvre N° 414
- Visual free area: 59 %

OPTIONS:

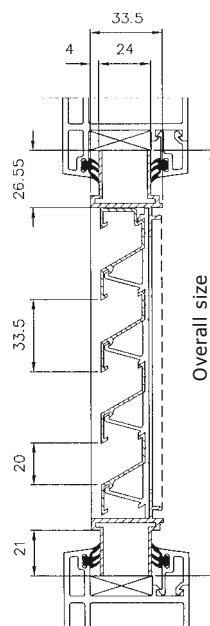
- Water channel (see page 8 - 9)
- 414/VA controllable with hit and miss ventilators of 100, 130 and 150 mm
- Drainage profile

FIXING:

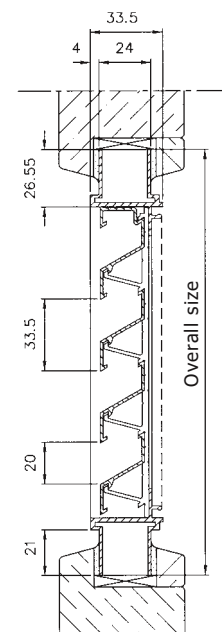
- The use of glazing blocks for fixing is recommended



permanent in ALU profile



permanent in PVC profile



permanent in timber profile



ROUND GLAZED-IN LOUVRE N° 414 R

Glazed-in louvre

Aluminium

All louvres are manufactured to your specific requirements

PRODUCT DESCRIPTION:

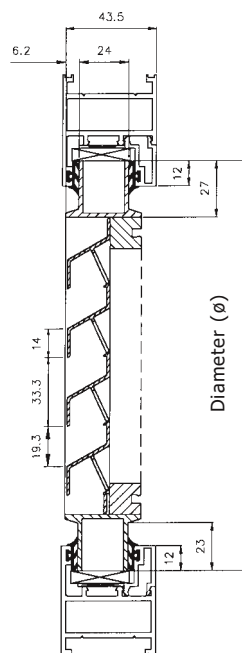
- Units are assembled from extruded sections of aluminium AlMgSi 0,5
- Finishes: - satin or bronze anodised
 - any colour from the RAL-range can be supplied (RAL 60 - 70 microns, UK: min 40 microns)
- An insect screen in stainless steel 304 18/8 is fitted as standard (square screening 2,3 x 2,3 mm) 6 x 6 mm or 10 x 10 mm on request
- Minimum diameter 300 mm
- 24 mm equal leg outerframe
- Visual free area: 58 %
- Maximum diameter: 1400 mm if anodised
1500 mm if powdercoated
larger versions: 2 parts

OPTIONS:

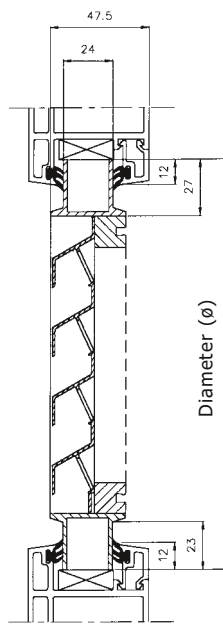
- Controllable 414 R/VA with hit and miss ventilators

FIXING:

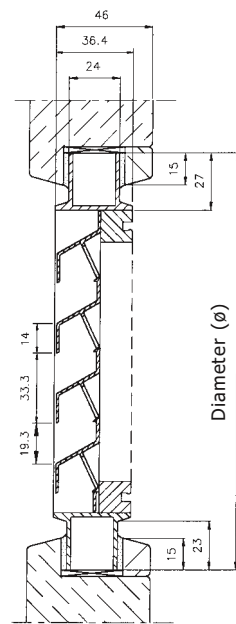
- The use of glazing blocks for fixing is recommended



permanent in ALU profile



permanent in PVC profile



permanent in timber profile

CONTROLLABLE GLAZED-IN LOUVRE N° 414/VA

Glazed-in louvre

Aluminium

All louvres are manufactured to your specific requirements

PRODUCT DESCRIPTION:

- Units are assembled from extruded sections of aluminium AlMgSi 0,5
- Finishes : - satin or bronze anodised
 - any colour from the RAL-range can be supplied (RAL 60 - 70 microns, UK: min 40 microns)
- An insect screen in stainless steel 304 18/8 is fitted as standard (square screening 2,3 x 2,3 mm) 6 x 6 mm on request
- 24 mm equal leg outerframe as standard (28 and 32 mm also available on request)
- Overall size width x height is required, when ordering a louvre N° 414/VA
- 414/VA controllable with hit and miss ventilators of 100, 130 and 150 mm fitted at the back
- Option with insulated door (414/D) : max. dimensions 300 x 600 mm

OPTIONS:

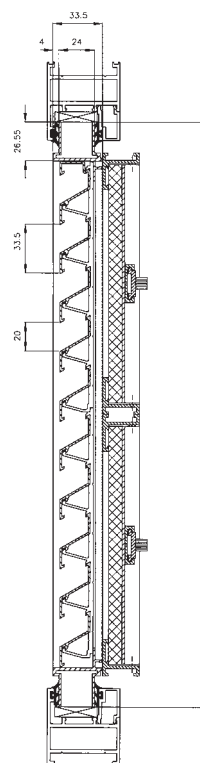
- Water channel (see page 8 - 9)
- Drainage profile

FIXING:

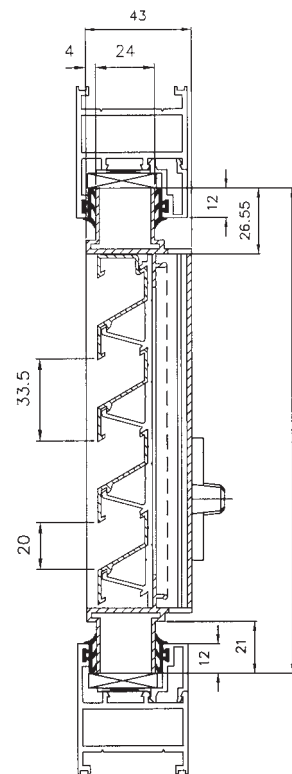
- The use of glazing blocks for fixing is recommended

CONTROLS:

- Manual control
- Cord control
- Rod control
- Motor control



Controllable with insulated door



Controllable in ALU, PVC and Timber profile

GLAZED-IN LOUVRE N° 415

Glazed-in louvre



With chevron section blades, Aluminium

All louvres are manufactured to your specific requirements

PRODUCT DESCRIPTION:

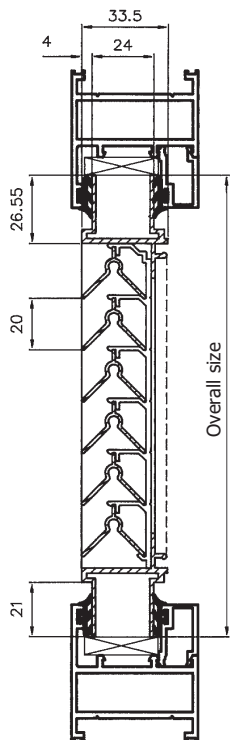
- Units are assembled from extruded sections of aluminium AlMgSi 0,5
- Finishes: - satin or bronze anodised
 - any colour from the RAL-range can be supplied (RAL 60 - 70 microns, UK: min 40 microns)
- A bird mesh screen in stainless steel 304 18/8 6 x 6 mm
- is fitted as standard* (insect screen (*standard in UK) 2,3 x 2,3 mm or bird mesh 10 x 10 mm on request)
- 24 mm equal leg outerframe as standard (28 and 32 mm also available on request)
- Overall size width x height is required, when ordering a grille N° 415
- Visual free area: 93 %
- Minimum dimensions = 130 x 130 mm H

OPTIONS:

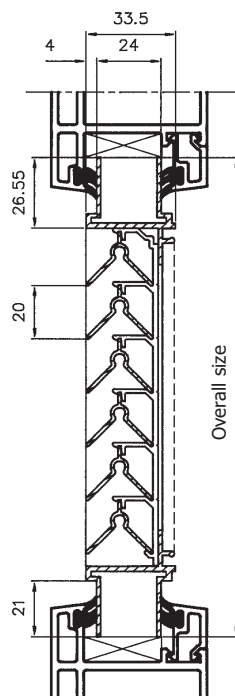
- Water channel (see page 8 - 9)
- Controllable 415 VA with hit and miss ventilator

FIXING:

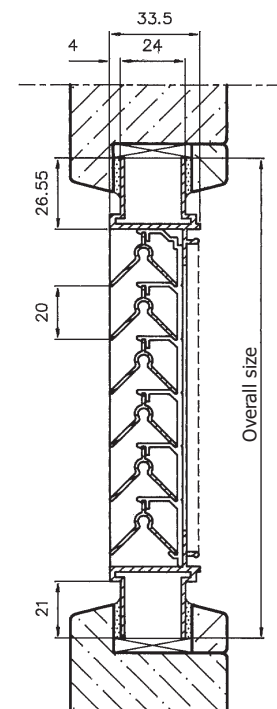
- The use of glazing blocks for fixing is recommended



permanent in ALU profile



permanent in PVC profile



permanent in Timber profile

ROUND GLAZED-IN LOUVRE N° 415 R

Glazed-in louvre

Aluminium

All louvres are manufactured to your specific requirements

PRODUCT DESCRIPTION:

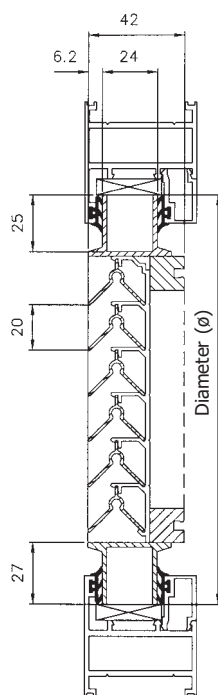
- Units are assembled from extruded sections of aluminium AlMgSi 0,5
- Frame assembled by 1 welding point
- Finishes: - satin or bronze anodised
 - any colour from the RAL-range can be supplied (RAL 60 - 70 microns, UK: min 40 microns)
- A bird mesh screen in stainless steel 304 18/8 6 x 6 mm is fitted as standard* (insect screen (*standard in UK) 2,3 x 2,3 mm or bird mesh 10 x 10 mm on request)
- Minimum diameter 340 mm
- 24 mm equal leg outerframe
- Visual free area: 93 %
- Maximum diameter: 1400 mm / if anodised
1500 mm / if powdercoated
larger versions: 2 parts

FIXING:

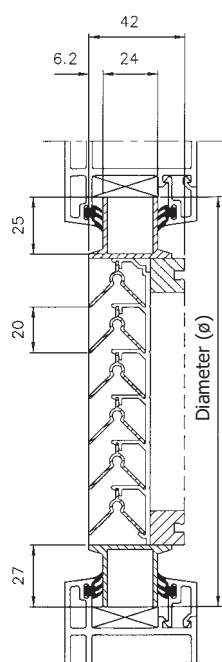
- The use of glazing blocks for fixing is recommended

OPTIONS:

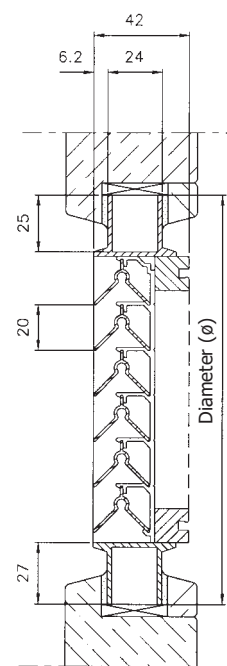
- Controllable 415 VA with hit and miss ventilator



permanent in ALU profile



permanent in PVC profile



permanent in Timber profile

CONTROLLABLE GLAZED-IN LOUVRE N° 415/VA

Glazed-in louvre



Aluminium, with chevron section blades

All louvres are manufactured to your specific requirements

PRODUCT DESCRIPTION:

- Units are assembled from extruded sections of aluminium AlMgSi 0,5
- Finishes : - satin or bronze anodised
 - any colour from the RAL-range can be supplied (RAL 60 - 70 microns, UK: min 40 microns)
- A bird mesh screen in stainless steel 304 18/8 6 x 6 mm is fitted as standard* (insect screen (*standard in UK) 2,3 x 2,3 mm or bird mesh 10 x 10 mm on request)
- 24 mm equal leg outerframe as standard (28 and 32 mm also available on request)
- Overall size width x height is required, when ordering a grille N° 415/VA
- 415/VA controllable with hit and miss ventilators of 100, 130 and 150 mm or with insulated door 415/D

FIXING:

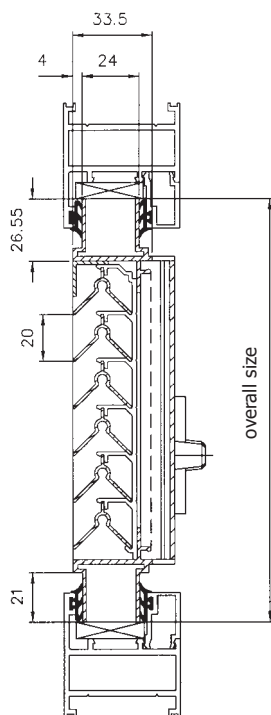
- The use of glazing blocks for fixing is recommended

OPTIONS:

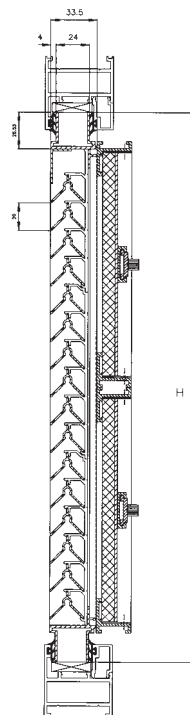
- Controllable 415 VA with hit and miss ventilator
- Water channel (see page 8-9)

CONTROLS:

- Manual control
- Cord control
- Rod control
- Motor control



Controllable in aluminium window
(also applicable in wood and PVC)



Controllable with insulated door

GLAZED-IN LOUVRE N° 424

Glazed-in louvre

Heavy duty series, Aluminium

All louvres are manufactured to your specific requirements

PRODUCT DESCRIPTION:

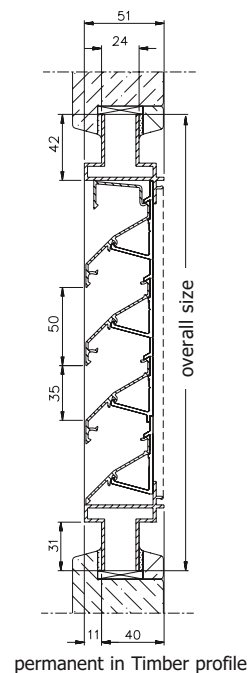
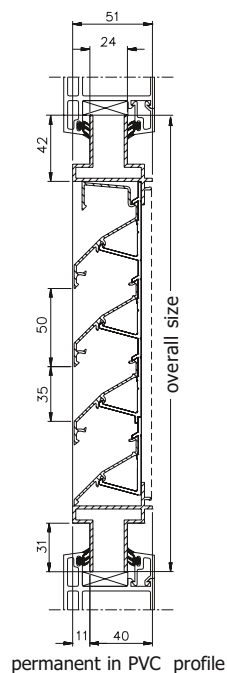
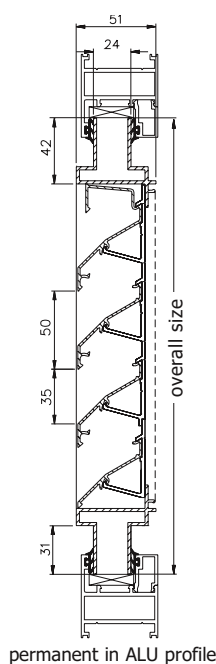
- Units are assembled from extruded sections of aluminium AlMgSi 0,5
- Finishes: - satin or bronze anodised
 - any colour from the RAL-range can be supplied (RAL 60 - 70 microns, UK: min 40 microns)
- 24 mm equal leg outerframe as standard (28 mm also available on request)
- An insect screen in stainless steel 304 18/8 is fitted as standard (square screening 2,3 x 2,3 mm) 6 x 6 mm or 10 x 10 mm on request
- Overall size width x height is required, when ordering a grille N° 424
- Visual free area: 70 %
- Minimum dimensions = 220 x 220 mm H

OPTIONS:

- Water channel (see page 8 - 9)
- Controllable 424/VA with hit and miss ventilator
- Drainage profile

FIXING:

- The use of glazing blocks for fixing is recommended



GLAZED-IN LOUVRE N° 428

Glazed-in louvre



Chevron section blades, Heavy duty series, Aluminium

All louvres are manufactured to your specific requirements

PRODUCT DESCRIPTION:

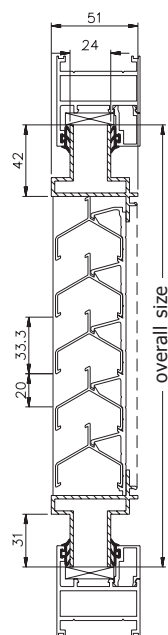
- Units are assembled from extruded sections of aluminium AlMgSi 0,5
- Finishes: - satin or bronze anodised
 - any colour from the RAL-range can be supplied (RAL 60 - 70 microns, UK: min 40 microns)
- An insect screen in stainless steel 304 18/8 is fitted as standard (square screening 2,3 x 2,3 mm or bird mesh 6 x 6 or 10 x 10 mm on request)
- Depth to fit: 46 mm
- 24 mm equal leg outerframe as standard (28 mm also available on request)
- Visual free area: 60 %
- Minimum dimensions = 220 x 220 mm H

OPTIONS:

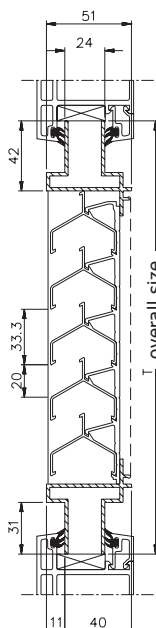
- Waterchannel (see p. 8 & 9)
- Controllable 428/VA (same type as 414/VA)
- Drainage profile
- in UK with head angle

FIXING:

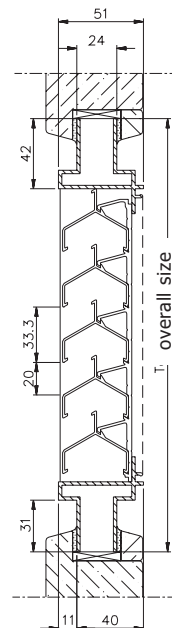
- The use of glazing blocks for fixing is recommended



permanent in ALU profile



permanent in PVC profile



permanent in Timber profile

GLAZED-IN LOUVRE N° 484

Glazed-in louvre

High airflow heavy duty series, Aluminium

All louvres are manufactured to your specific requirements

PRODUCT DESCRIPTION:

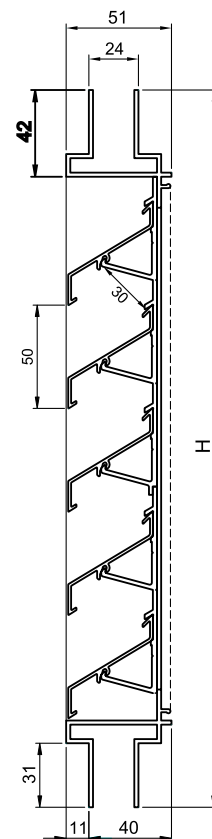
- Units are assembled from extruded sections of aluminium AlMgSi 0,5
- Finishes: - satin or bronze anodised
 - any colour from the RAL-range can be supplied (RAL 60 - 70 microns, UK: min 40 microns)
- 24 mm equal leg outerframe as standard (28 mm also available on request)
- An insect screen in stainless steel 304 18/8 is fitted as standard (square screening 2,3 x 2,3 mm or bird mesh 6 x 6 or 10 x 10 mm on request)
- Overall size width x height is required, when ordering a grille N° 484
- Visual free area: 92 %
- Minimum dimensions = 220 x 220 mm H

OPTIONS:

- Water channel (see page 8 - 9)
- Controllable 421/VA with hit and miss ventilator

FIXING:

- Dowels n° 1428 are supplied standard



SURFACE MOUNTED LOUVRE N° 432

Glazed-in louvre



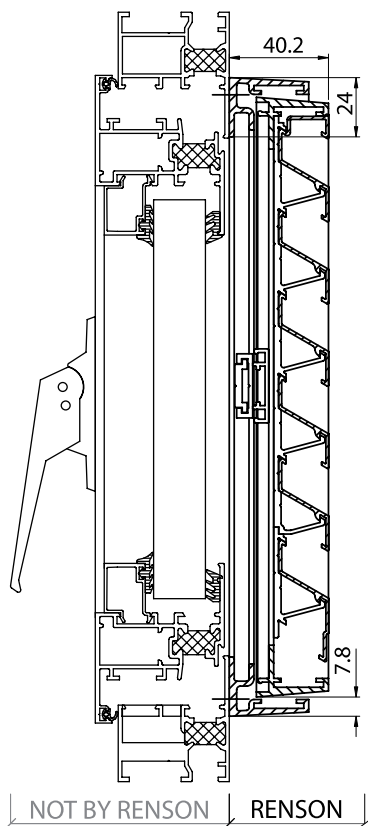
Aluminium

PRODUCT DESCRIPTION:

- Units are assembled from extruded sections of aluminium AlMgSi 0,5
- Finishes: - satin or bronze anodised
 - any colour from the RAL-range can be supplied (RAL 60 - 70 microns, UK: min 40 microns)
- An insect screen in stainless steel 304 18/8 is fitted as standard (square screening 2,3 x 2,3 mm) 6 x 6 mm or 10 x 10 mm on request
- Depth: 40 mm
- Minimum dimensions = 120 x 120 mm H
- Maximum dimensions = 1500 x 1500 mm H
- Visual free area: 59%

FIXING:

- Screws and plugs are supplied



LOUVRE WITH GLASS BLADES N° 327/1

Glazed-in louvre

Single glazing, Aluminium

All louvres are manufactured to your specific requirements

PRODUCT DESCRIPTION:

- Units are assembled from extruded sections of aluminium AIMgSi 0.5 of 22 mm with a thickness of 2 mm
- Proportion height/length of the glass blades = 1/8
- The height of the blades can vary from 100-400mm
- The external profiles are placed under a slope of 7° in order to guarantee a good water drainage
- Minimal angle in open position: 78°
- Glass thickness: 6mm

CONTROLS:

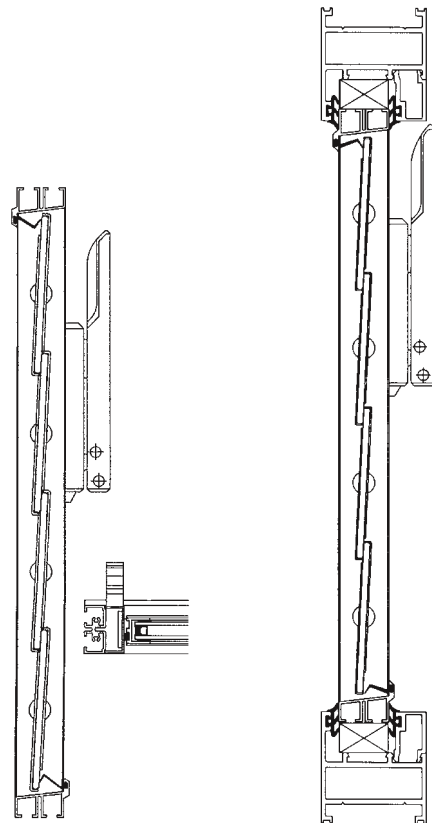
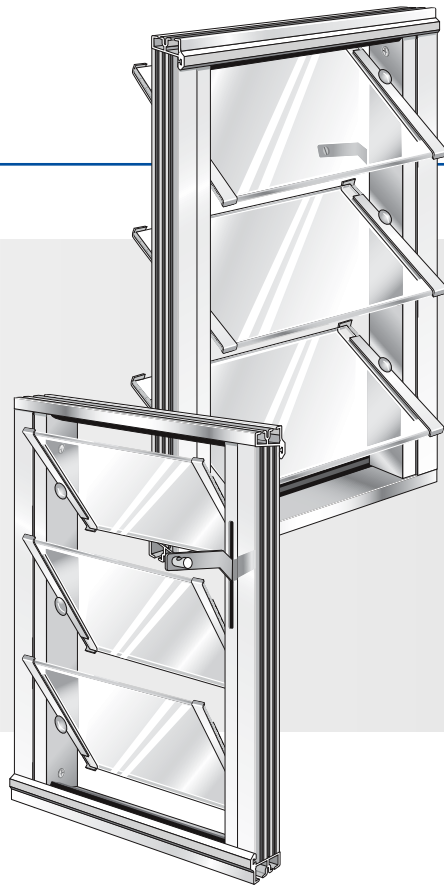
- Rod control
- Air pressure control

OPTIONS:

- Without glass
- Vertical version
- Complete with U-profiles of 22mm for installation in aluminium, timber or PVC windows

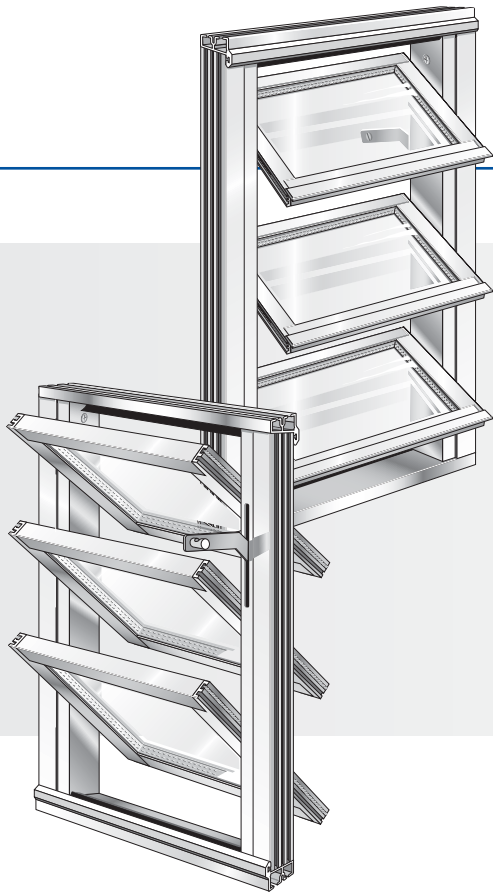
APPLICATIONS:

- Industrial buildings, schools, sports halls, facades, kitchens, elevator shafts, conservatories,
- Smoke extraction, ...



LOUVRE WITH GLASS BLADES N° 327/2

Glazed-in louvre



Double glazing, Aluminium

All louvres are manufactured to your specific requirements

PRODUCT DESCRIPTION:

- Units are assembled from extruded sections of aluminium AIMgSi 0.5 of 45 mm with a thickness of 2 mm
- Proportion height/length of the glass blades = 1/8
- The height of the blades can vary from 100-400mm
- The external profiles are placed under a slope of 7° in order to guarantee good water drainage
- Minimal angle in open position: 78°
- Glass thickness : 16, 20, 22 or 24 mm

CONTROLS:

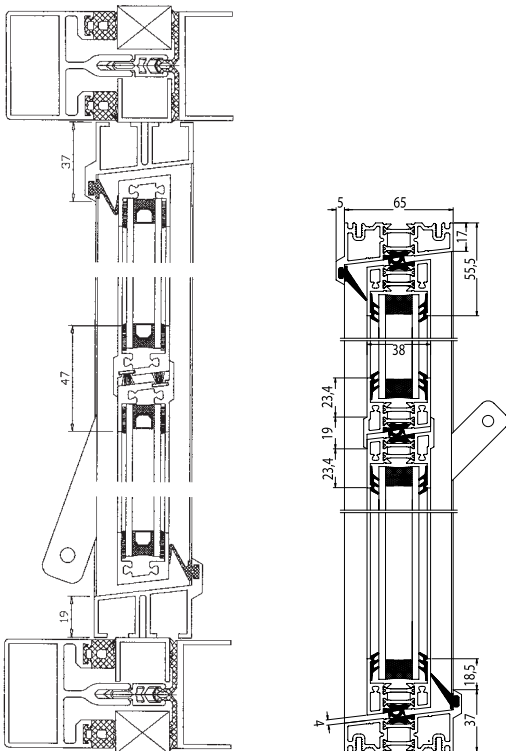
- Rod control
- Air pressure control

OPTIONS:

- Without glass
- Vertical version
- Complete with U-profiles of 22mm for installation in aluminium, timber or PVC windows

APPLICATIONS:

- Industrial buildings, schools, sports halls, facades, kitchens, conservatories, elevator shafts, ...
- Smoke extraction, ...



BULGAR-PROOF WALL LOUVRE N° 423

Wall louvre

Aluminium

All louvres are manufactured to your specific requirements

PRODUCT DESCRIPTION:

- Units are assembled from extruded sections of aluminium AlMgSi 0,5
- Finishes: - satin or bronze anodised
 - any colour from the RAL-range can be supplied (RAL 60 - 70 microns, UK: min 40 microns)
- An insect screen in stainless steel 304 18/8 is fitted as standard (square screening 2,3 x 2,3 mm) 6 x 6 mm or 10 x 10 mm on request
- Depth to fit: 50 mm
- No flange
- Every 2 blades a 20 mm steel bar is inserted
- Visual free area: 70 %
- Minimum dimensions = 150 x 150 mm

APPLICATION:

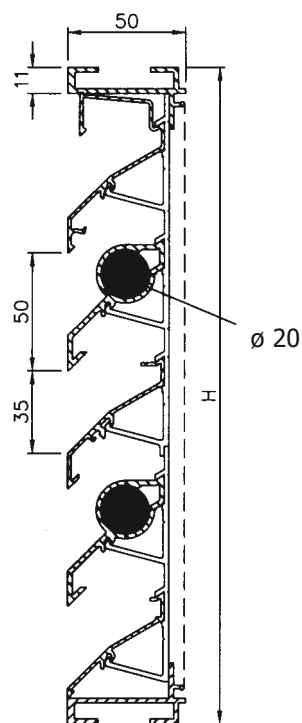
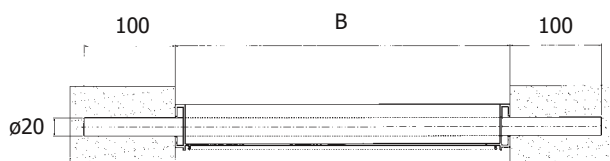
- Ventilation of protected rooms

PLACEMENT:

- The steel bars have to be incorporated into the concrete

TESTREPORT:

- Official testreport WTCB n°. DE78A982
 - burglar proof class 4 - in accordance with ENV 1627 available on demand



ACOUSTIC LOUVRE N° 445

Acoustic louvre



Aluminium

All louvres are manufactured to your specific requirements

PRODUCT DESCRIPTION:

Dimensions:

Type	150	300
Blade	single	double
Depth (mm)	150	300
Min. height (mm)	300	300
Min. length (mm)	300	300
Weight (Kg/m ²)	22	44

- Material: aluminium sheet AlMgSi 0,5
- Finishes: - any colour from the RAL-range can be supplied (RAL 60 - 70 microns, UK: min 40 microns)
- A bird mesh screen in stainless steel 304 18/8 6 x 6 mm is fitted as standard
- Flange size: 40 mm
- Visual free area: 78 %

Sound reduction (dB(A)) Type 150

	D _{nA}	R _A	R _{Anetto}
Standard outside noise	23,0	13,0	7,8

APPLICATIONS:

- Ventilation systems
- Cooling or heating installation
- Carparks
- Industrial applications

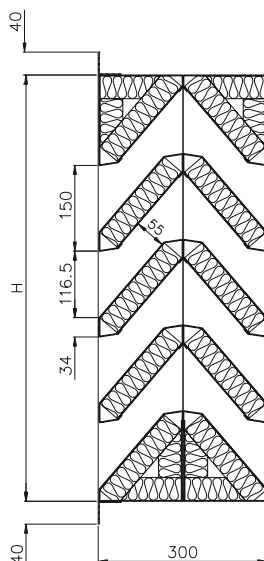
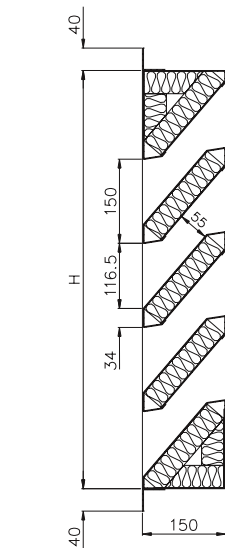
ACOUSTIC FUNCTION:

Blades filled with insulating and non-combustible mineral wool and fixed with a perforated plate (see table).

Selection of the most suitable type

(free calculation by our sales technical dep.)

- Acoustic insulation (dB(A))
- Distance to the source
- Acoustic spectrum
- Noise level of the source



ACOUSTIC SILENCER N° 445 B

Acoustic louvre

Compatible with 411, 421, 425, 451, ...

All louvres are manufactured to your specific requirements

PRODUCT DESCRIPTION:

- Units are assembled from galvanised steel with mineral wool
- The front of the louvre consists of an aluminium louvre depending on the required airflow

APPLICATION:

- Ventilation systems
- Cooling or heating installation
- Carparks
- Industrial applications

ACOUSTICS:

- Sound reduction in function of depth

Type	Depth	Frequency							
		63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz
1	425 mm	12	13	15	20	26	24	22	21
2	725 mm	14	16	20	29	44	43	39	28
3	1025 mm	15	19	28	41	51	51	42	36

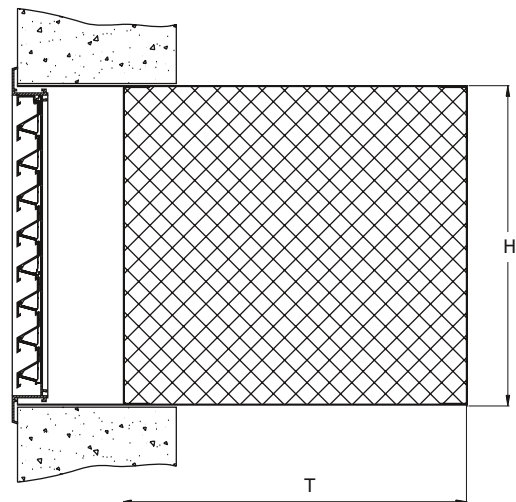
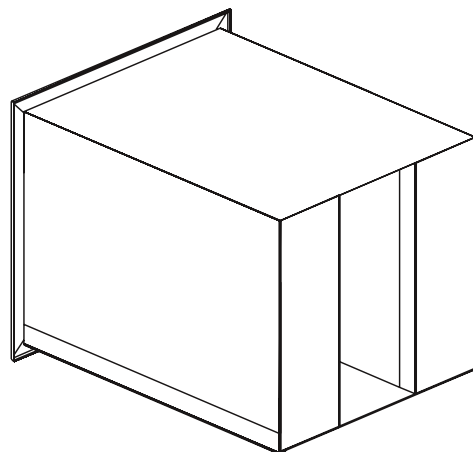
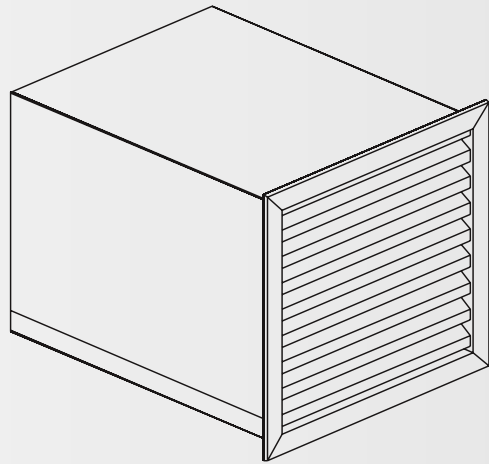
FINISH:

- Silencer: galvanised steel
- External grille: aluminium
 - satin anodised (20 micron)
 - RAL - colours (60 - 70 microns, UK: min 40 microns)

Selection of the most suitable type

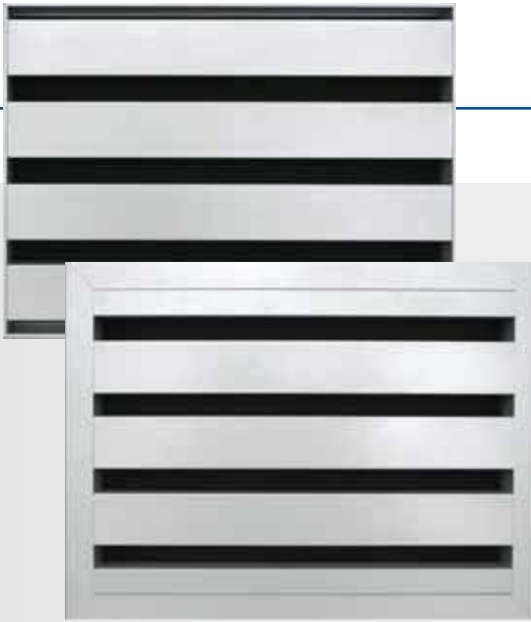
The choice of an acoustic silencer and a louvre type depends on:

- Acoustic insulation dB(A)
- Acoustic level of the source
- Distance to the source
- Available depth, height and width



ACOUSTIC WALL LOUVRE N° 468/1

Acoustic louvre



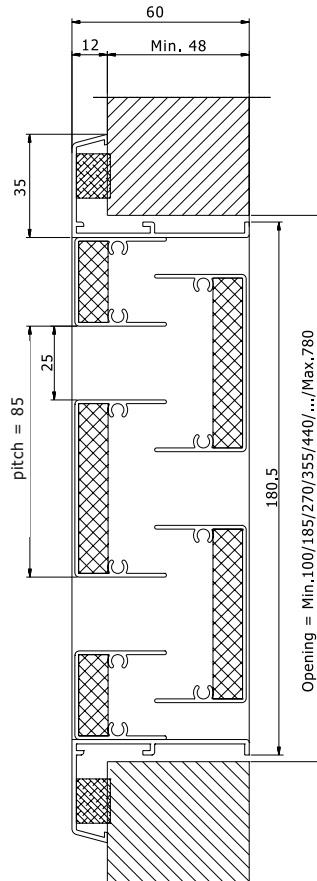
Aluminium

PRODUCT DESCRIPTION:

- Units are assembled from extruded sections of aluminium AlMgSi 0,5
- Finishes: - satin or bronze anodised
- any colour from the RAL-range can be supplied (RAL 60 - 70 microns)
- Depth to fit: 48 mm
- Height of the flange: 30 mm
- Height of the louvre: reckon with a pitch of 85 mm
- Minimum dimensions = 95 x 95 mm H
- Maximum dimensions = 775 x 775 mm H
- Visual free area: 29%

ACOUSTIC FUNCTION:

- Blades filled with sound absorbing material
- The blades are composed in a labyrinth structure
- R_w (C,Ctr): Sound reduction of $R_w = 8$ (-1,-2) dB



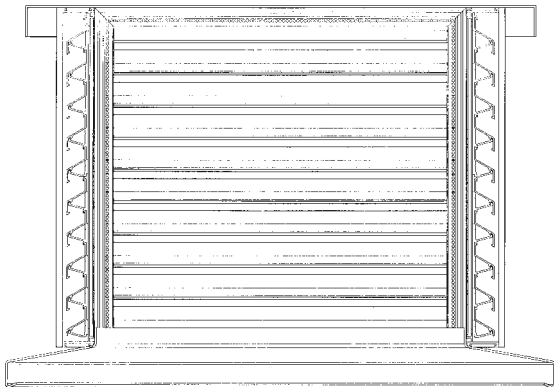
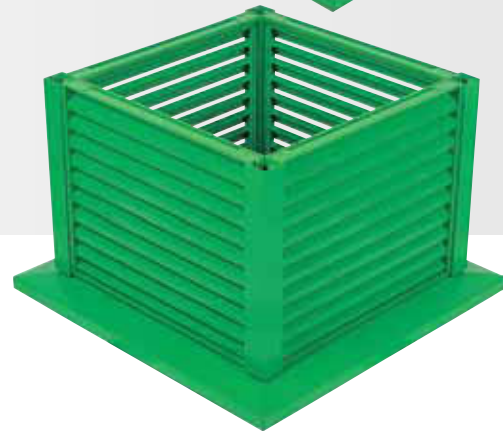
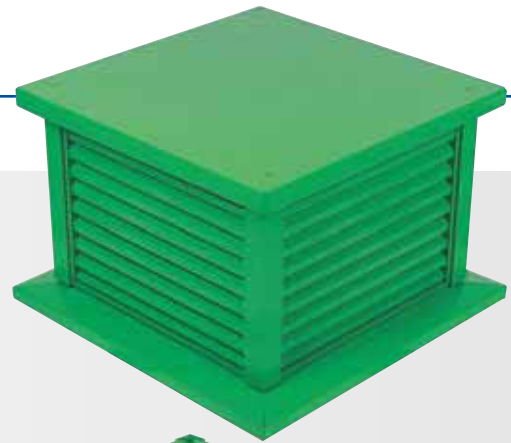
LOUVRE BOX N° 440

Aluminium

All louvres are manufactured to your specific requirements

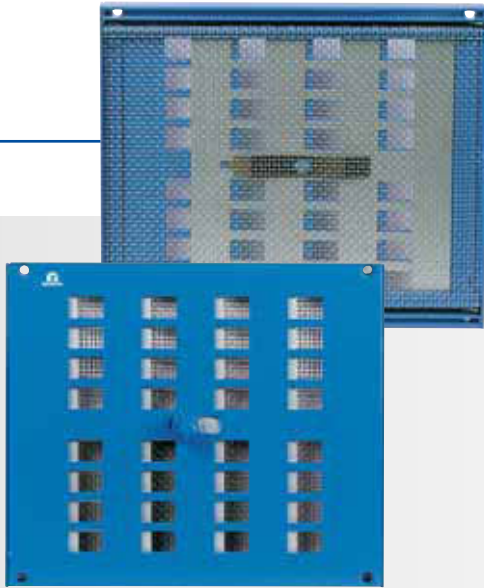
PRODUCT DESCRIPTION:

- Units are assembled from extruded sections of aluminium AlMgSi 0,5
- Finishes: - satin or bronze anodised
 - any colour from the RAL-range (RAL 60 - 70 microns, UK: min 40 microns)
- Types: - 440/11 : blade n° 8 of louvre type 411
 - 440/21 : blade n° 17 of louvre type 421
- Finishes: - satin or bronze anodised
 - any colour from the RAL-range (RAL 60 - 70 microns)
- Available with cill section on demand (4110)
- Maximum dimensions in 1 part : 900 x 1900 x 1000 mmh
- Roof in aluminium sheet
- Acoustic version optional
- Used elements from continuous louvre system:
 - Cill n° 4140
 - Tube profile n° 4120



REGISTER TO FIX N° 4032

Controllable internal louvre



Aluminium

STANDARD SIZES:

Width x Height (L) (H)	Free area	SAA (mm ²)	Bronze	RAL 9910
type 4032/1 175 x 150 mm	4900	•	•	•
type 4032/2 240 x 200 mm	11300	•	•	•
type 4032/3 325 x 300 mm	26000	•	•	•
type 4032/4 300 x 100 mm	6800	•	•	•
type 4032/5 450 x 100 mm	11300	•	•	•

Other sizes are manufactured to your specific requirements
Width W: all sizes, Height H: always 150, 200 or 300 mm

PRODUCT DESCRIPTION:

- Units are assembled from extruded sections of aluminium AlMgSi 0,5
- Finishes: - satin or bronze anodised
- any colour from the RAL-range (60 - 70 microns, UK: min 40 microns)
- An insect screen in stainless steel 304 18/8 is fitted as standard (2,3 x 2,3 mm).
- Controllable
- Operation: - with sliding knob
Registers longer than 500 mm are supplied with turning knob
- Special heights can be manufactured upon request: these registers are made up from sections 67 mm, 100 mm, 130 mm or 150 mm.

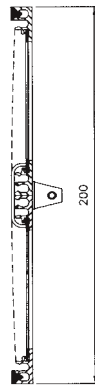
AIRFLOW:

Dimensions	in cm ²	at 2 Pa - m ³ /h (according to NBN D50-001)
4032/1: 175 x 150 mmh	49 cm ²	17,6
4032/2: 240 x 200 mmh	113 cm ²	40,7
4032/3: 325 x 300 mmh	260 cm ²	93,6
4032/4: 300 x 100 mmh	68 cm ²	24,5
4032/5: 450 x 100 mmh	113 cm ²	40,7

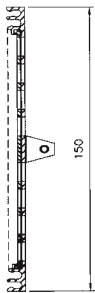
FIXING:

- Screws and plugs are supplied as standard

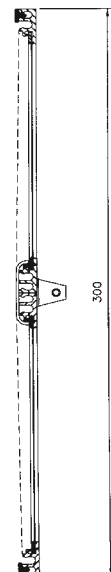
Type 4032/2



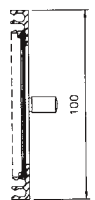
Type 4032/1



Type 4032/3



Type 4032/4



REGISTER WITH FRAME N° 441

Controllable internal louvre

With frame, Aluminium

STANDARD SIZES:

Width x Height (L) (H)	Free area (mm ²)	SAA	RAL 9910
217 x 212 mm	11300	•	•
248 x 212 mm	14000	•	•
307 x 312 mm	26000	•	•

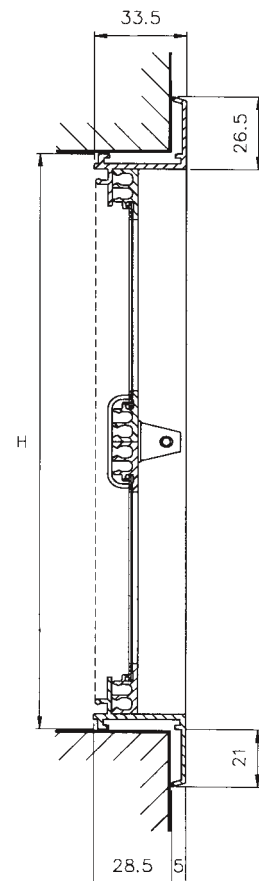
Other sizes are manufactured to your specific requirements

Remark: the height remains a standard of 214 mm - 274 mm - 314 mm - 405 mm - 467 mm - 517 mm - 577 mm - 617 mm - 687 mm - 708 mm - 750 mm - 800 mm - 840 mm - 880 mm - 920 mm - 970 mm - 1011 mm



PRODUCT DESCRIPTION:

- Units are assembled from extruded sections of aluminium AlMgSi 0,5
- Finishes:
 - satin anodised, no bronze
 - any colour from the RAL-range (60 - 70 microns, UK: min 40 microns)
- An insect screen in stainless steel 304 18/8 is fitted as standard (2,3 x 2,3 mm)
- Depth to fit: 28,5 mm
- Flange size: 21 mm
- For fixing these registers spring clips or brackets can be supplied
- Operation:
 - with sliding knob
 - **Registers longer than 500 mm are supplied with turning knob**
- Cord operation or rod operation available (for lengths > 500 mm)



CAVITY WALL VENTILATOR N° 441

Controllable internal louvre



Aluminium

STANDARD SIZES:

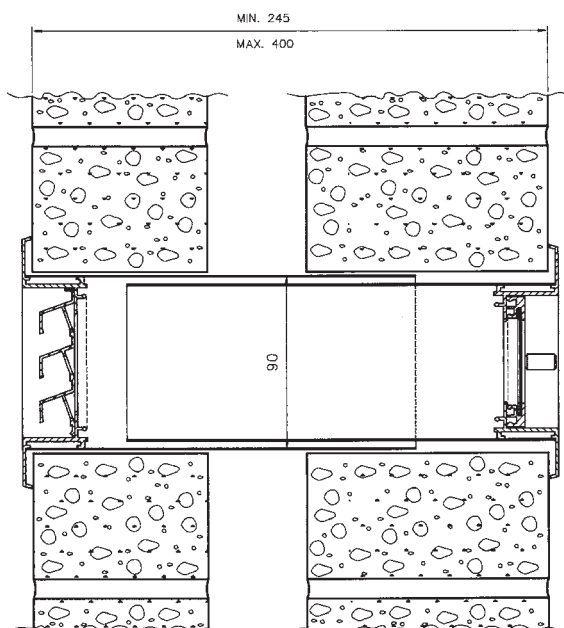
Width x Height (L) (H)	SAA	Bronze	RAL 9910
265 x 90 mm	•	•	•

PRODUCT DESCRIPTION:

- Units are assembled from extruded sections of aluminium AlMgSi 0,5
- Finishes:
 - satin or bronze anodised
 - any colour from the RAL-range (60 - 70 microns, UK: min 40 microns)
- The galvanised steel sleeve can be adapted for any thickness of wall (24,5 - 40 cm)
- An insect screen in stainless steel 304 18/8 is fitted as standard (2,3 x 2,3 mm)
- Dimensions: 256 x 90 mm (W x H)
- Sound absorbing application possible
- "Hit and miss" internal grille. Permanent on request
- Free area: 4000 mm²

AIRFLOW:

- 10,2m³/h (= 2,8 dm³/s) at 1Pa
- 14,7m³/h (= 4,1 dm³/s) at 2Pa
- 34,3m³/h (= 9,5 dm³/s) at 10Pa



PUNCHED GRILLE N° 435

Punched grilles

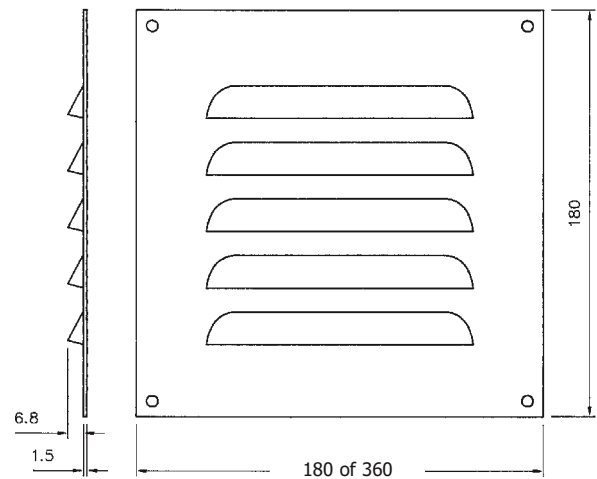
STANDARD SIZES:

Width x Height (L) (H)	Free area (mm ²)	SAA	RAL 9910	RAL 8019
180 x 180 mm	1530	•	•	•
360 x 180 mm	3060	•	•	•

No custom made sizes available

PRODUCT DESCRIPTION:

- Fabricated from aluminium sheet
- Finishes:
 - satin anodised (20 microns)
 - powdercoated: brown (RAL 8019) and white (RAL 9910) (60 - 70 microns, UK: min 40 microns)



ROUND PUNCHED GRILLE N° 435 R

Punched grilles



STANDARD SIZES:

	Free area (mm ²)	RAL 9010	RAL 8019	RAL 9006 MAT (aluminiumkleur)
ø 95 mm	5100	•	•	•
ø 115 mm	7450	•	•	•
ø 145 mm	11850	•	•	•
ø 190 mm	20400	•	•	•
ø 245 mm	33900	•	•	•

No custom made sizes available

PRODUCT DESCRIPTION:

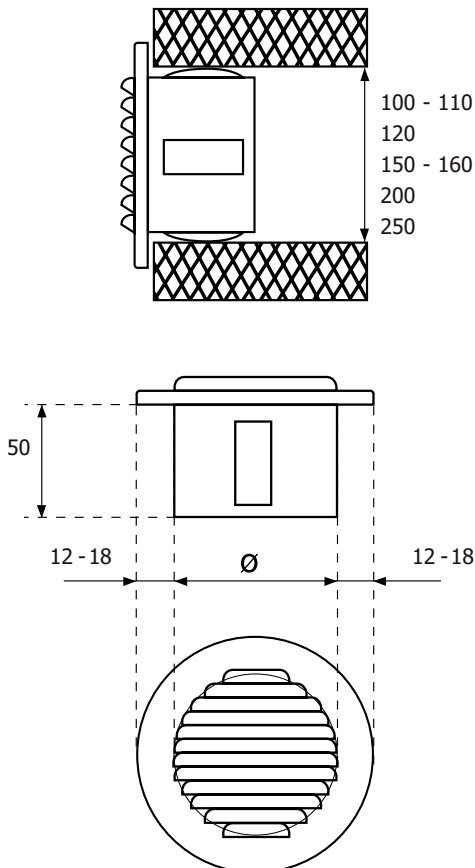
- Fabricated from aluminium sheet
- Finishes:
 - aluminium finish (RAL 9006)
 - white (RAL 9910)
 - brown (RAL 8019)
 (60 - 70 microns, UK: min 40 microns)
- Extraction and air supply with round frame
- Easy to install
- With aluminium flyscreen

AIRFLOW:

Diameter	at 2 Pa - m ³ /h
ø 95 mm	18,4
ø 115 mm	26,9
ø 145 mm	42,8
ø 190 mm	73,5
ø 245 mm	93,3

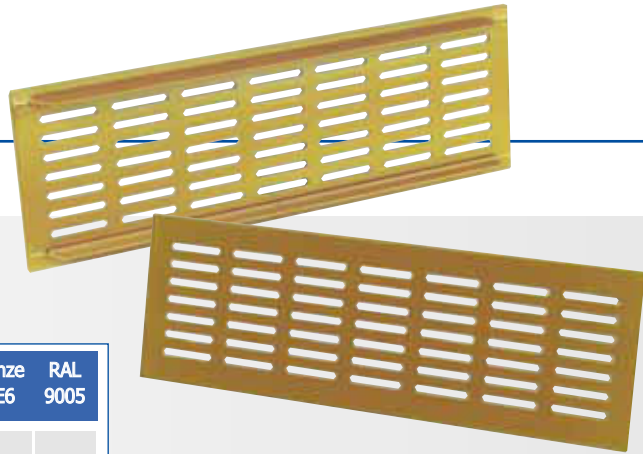
FIXING:

- Standard sizes with extensible brackets
- Spring clips are supplied with diameters
 - ø 95 mm (PVC-tube 110 mm)
 - ø 145 mm (PVC-tube 160 mm)



VENTILATION GRILLE N° 381

Ventilation grilles

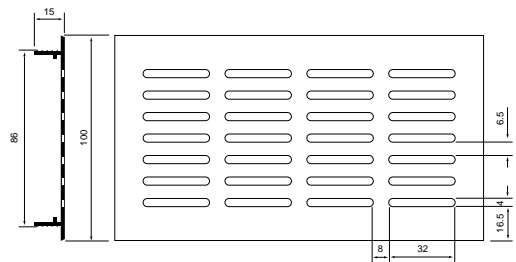


Aluminium

STANDARD SIZES:

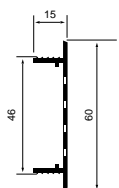
	Nett free area	SAA	RAL 8022	RAL 9910	Copper	Bronze AE6	RAL 9005
381/60							
400 mm	44 cm ²	•	•	•			
500 mm	59 cm ²	•	•	•	•		
2000 mm	244 cm ²	•	•	•			
381/80							
300 mm	43 cm ²	•	•	•		•	
400 mm	56 cm ²	•	•	•	•	•	•
500 mm	74 cm ²	•	•	•	•	•	•
600 mm	87 cm ²	•	•	•			
1000 mm	149 cm ²	•	•	•			
2000 mm	305 cm ²	•	•	•			
381/100							
300 mm	61 cm ²	•	•	•		•	
400 mm	78 cm ²	•	•	•		•	
500 mm	104 cm ²	•	•	•		•	
600 mm	122 cm ²	•	•	•			
1000 mm	209 cm ²	•	•	•			
2000 mm	427 cm ²	•	•	•			
381/130							
500 mm	149 cm ²	•	•	•			
1000 mm	298 cm ²	•	•	•			
2000 mm	610 cm ²	•	•	•			
381/150							
500 mm	179 cm ²	•	•	•			
2000 mm	732 cm ²	•	•	•			

Any colour and length can be supplied subject to quantity

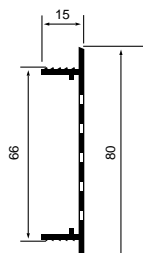


PRODUCT DESCRIPTION:

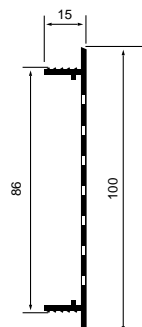
- Units are assembled from extruded sections of aluminium AlMgSi 0,5
- Ventilation opening: 32 x 4 mm
- Finishes: - satin anodised or bronze (AE6)
 - powder coated white (RAL 9910) or brown (RAL 8022)
- Packing quantity: 10 per size and per colour



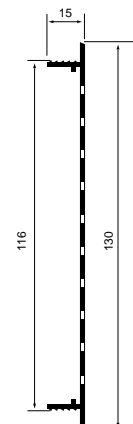
Type 381/60



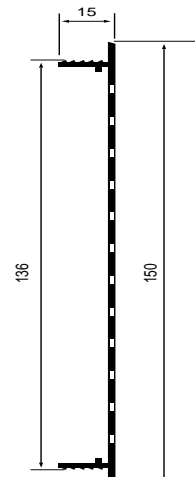
Type 381/80



Type 381/100



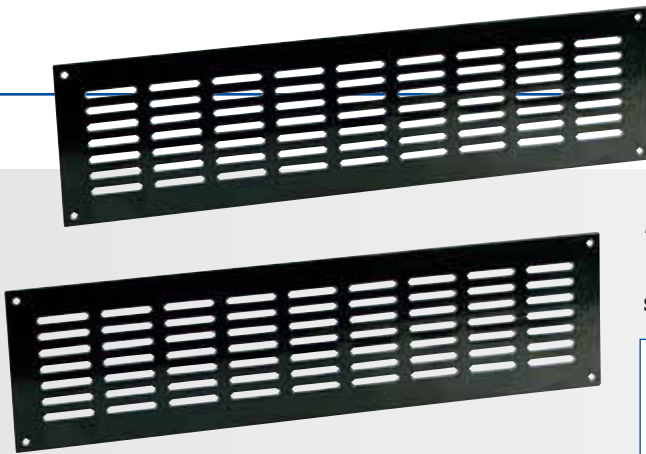
Type 381/130



Type 381/150

VENTILATION GRILLE N° 382

Ventilation grilles



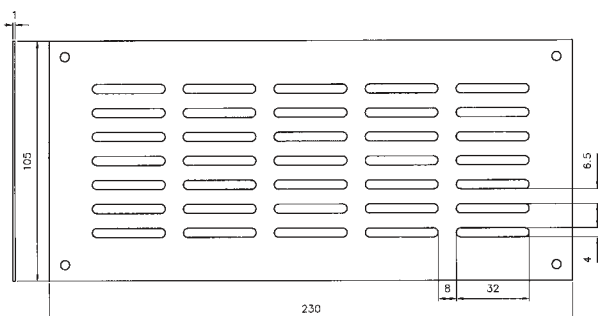
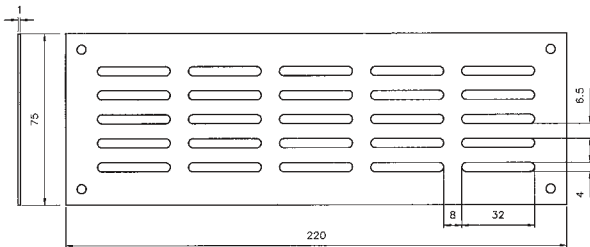
For surface-mounting, Aluminium

STANDARD SIZES:

Width x Height (L) (H)	free area	SAA	RAL 8019	RAL 9910
220 x 75 mm	31 cm ²	•	•	•
300 x 75 mm	43 cm ²	•	•	•
380 x 75 mm	56 cm ²	•	•	•
230 x 105 mm	43 cm ²	•	•	•
310 x 105 mm	61 cm ²	•	•	•
390 x 105 mm	78 cm ²	•	•	•

PRODUCT DESCRIPTION:

- Units from extruded sections of aluminium AlMgSi 0,5
- Ventilation opening: 32 x 4 mm
- Finishes: - satin anodised
 - powdercoated white (RAL 9910) or brown (RAL 8022)
- Packing quantity: 10 per size and colour



FLOOR GRILLE N° 311

Floor grilles

For convector heater applications, Aluminium

All louvres are manufactured to your specific requirements

PRODUCT DESCRIPTION:

Frame

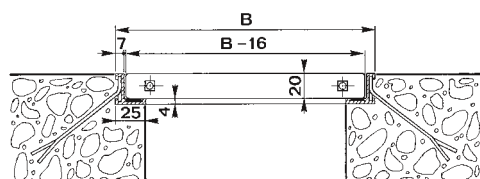
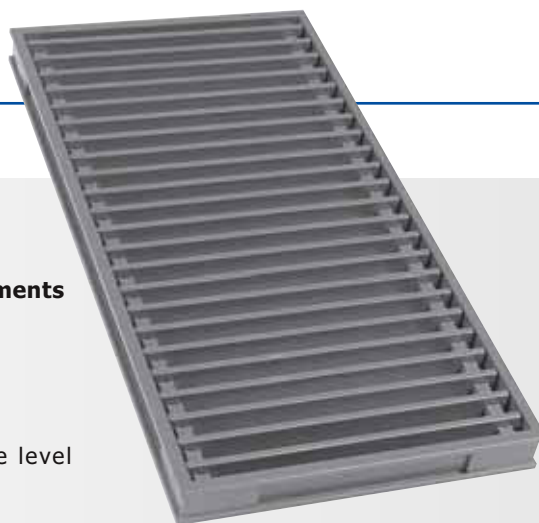
- A gasket lining the frame guarantees a reduced noise level
- Frames with core are supplied with dowels
- Types:
 - **311/1:** Linear bar grilles with narrow 'L'-frame style
 - **311/2:** Linear bar grilles with narrow 'Z'-frame style
 - **311/3:** Linear bar grilles without frame

Core

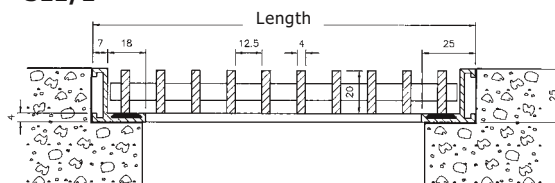
- Units are assembled from extruded sections of aluminium AlMgSi 0,5
- Standard 4 mm wide bars on 12,5 mm centres
- Finishes: satin, champagne, bronze or gold anodised RAL colors
- Manufactured in multiple sections of ± 1 metre
- Frame: maximum length 3,5 metre, provided with an acoustic seal strip
- Free area: 80%
- Effective width equals total width minus 50 mm

FIXING:

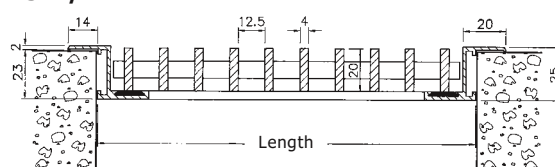
- Grille supplied with brackets



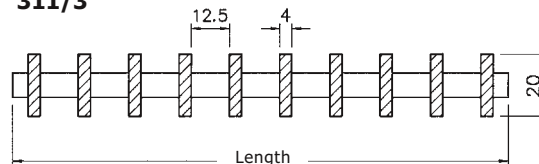
311/1



311/2

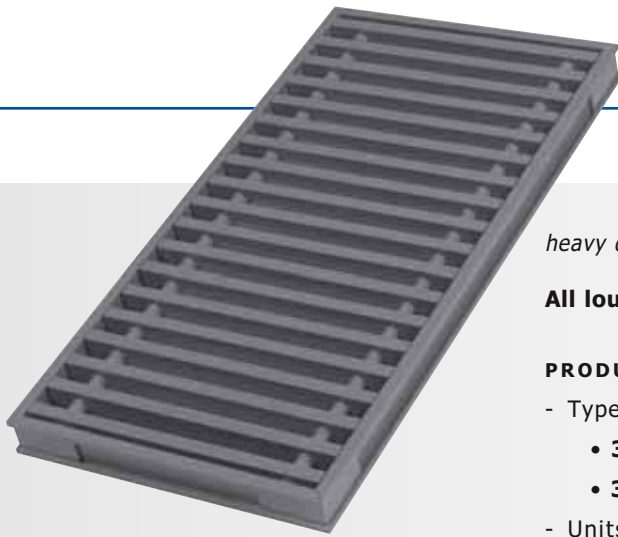


311/3



FLOOR GRILLE N° 371

Floor grilles



heavy duty series, Aluminium

All louvres are manufactured to your specific requirements

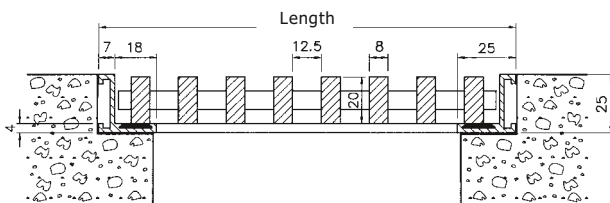
PRODUCT DESCRIPTION:

- Types:
 - **371/1**: Linear bar grilles with narrow 'L'-frame style
 - **371/3**: Linear bar grilles without frame
- Units are assembled from extruded sections of aluminium AlMgSi 0,5
- Standard 8 mm wide bars on 12,5 mm centres
- Finishes: - satin, champagne or gold anodised (20 micron)
 - powder coated (RAL 60 - 70 microns, UK: min 40 microns)
- Manufactured in multiple sections of ± 1 metre
- Frame: maximum length 3,5 metre, provided with an acoustic seal strip

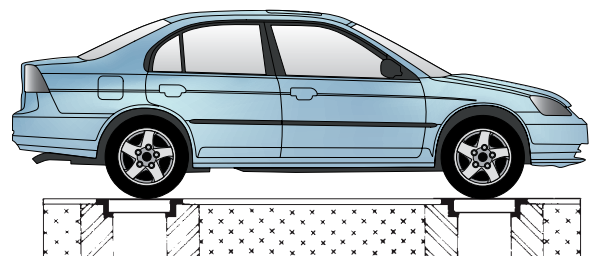
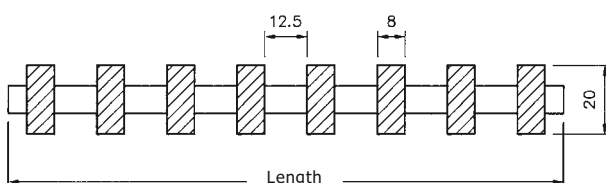
APPLICATIONS:

- Grilles for drains in swimming pools, basement car parks, abattoirs, etc.
- To cover the underground cabling in computer rooms

Type 371/1



Type 371/3



LINEAR BAR GRILLE N° 392

Linear bar grilles

With deflection, Aluminium

All louvres are manufactured to your specific requirements

PRODUCT DESCRIPTION:

- Types:
 - **392/2**: Linear bar grilles with narrow 'Z'-frame style
 - **392/3**: Linear bar grilles without frame
- Units are assembled from extruded sections of aluminium AlMgSi 0,5: 16 x 3 mm
- Finishes: - satin, champagne, bronze or gold anodised
 - any colour from the RAL-range (60 - 70 microns, UK: min 40 microns)
- Maximum width: 300 mm
- Core: maximum length: 1600 mm
- Frame: maximum length: 3500 mm
- Standard 3 mm wide bars on 10 mm centres
- Bars with 15° deflection
- Free area of 75%

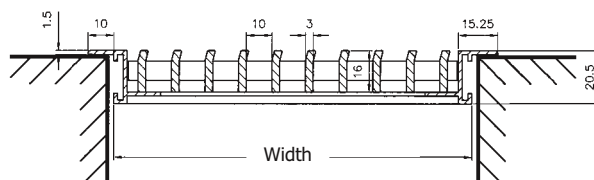


FIXING:

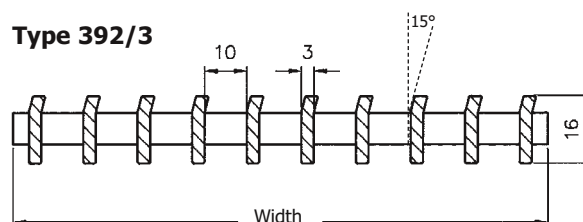
- For type 392/3 clips in PVC are available on demand



Type 392/2



Type 392/3



LINEAR BAR GRILLE N° 393

Linear bar grilles



With deflection, Aluminium

All louvres are manufactured to your specific requirements

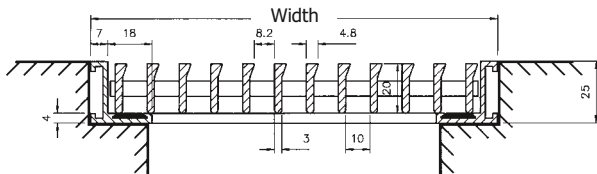
PRODUCT DESCRIPTION:

- Maximum width: 300 mm
- Core: maximum length: 1600 mm
- Frame: maximum length: 3,5 metres
- Types:
 - **393/1:** Linear bar grilles with narrow 'L'-frame style
 - **393/2:** Linear bar grilles with narrow 'Z'-frame style
 - **393/3:** Linear bar grilles without frame

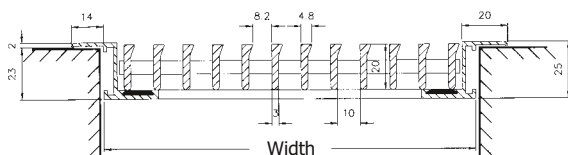
Core

- Units are assembled from extruded sections of aluminium AlMgSi 0,5
- Dimension blades: 20 x 3 mm (top : 4.8 mm)
- Standard 4,8 mm wide bars (on top) on 10 mm centres
- Standard with 20° deflection
- Finishes: - satin, champagne, bronze or gold anodised
- any colour from the RAL-range
(60 - 70 microns, UK: min 40 microns)
- Free area of 75%
- Effective width equals total width minus 50 mm

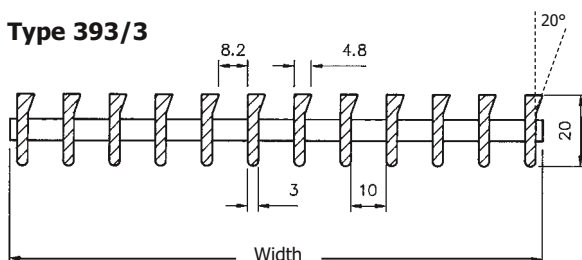
Type 393/1



Type 393/2



Type 393/3



Frame

- The frame is assembled from a 'L' or 'Z' shaped profile
- A gasket lining the frame guarantees a reduced noise level
- Frames with core are supplied with brackets

LINEAR BAR GRILLE N° 394

Linear bar grilles

Aluminium

All louvres are manufactured to your specific requirements

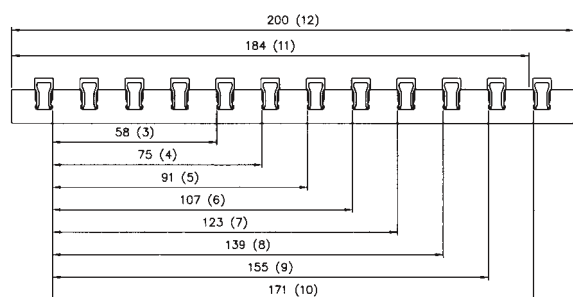
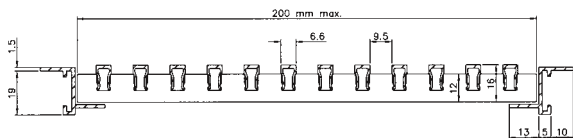
PRODUCT DESCRIPTION:

- Types:
 - **394/1:** Linear bar grilles with narrow 'L'-frame style
 - **394/2:** Linear bar grilles with narrow 'Z'-frame style
- Units are assembled from extruded sections of aluminium AlMgSi 0,5
- Finishes: - satin, champagne, bronze or gold anodised
- any colour from the RAL-range
(60 - 70 microns, UK: min 40 microns)
- Powder coated RAL 9910 or RAL 8019
- Fast assembly
- Free area: 58%
- Bar length fin: 3000 mm
- Width clip section: 200 mm



N° OF CLIPS SECTIONS/LENGTH:

- 300 - 400 mm = 2 n°
- 500 - 800 mm = 3 n°
- 900 - 1200 mm = 4 n°
- 1300 - 600 mm = 5 n°
- 1700 - 2000 mm = 6 n°
- 2100 - 2500 mm = 7 n°
- 2600 - 3000 mm = 8 n°

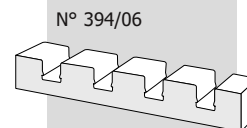


SECTIONS

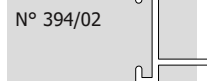
Fin:
Length 3000 mm



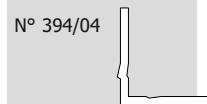
Saddle section:
L = 200 mm



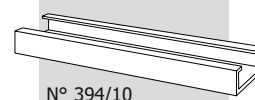
Frame profile:
L = 3000 mm



Corner Cleat for
frame profile



U-Profile to extend
clips profile:
3000 mm lengths



DOOR GRILLE N° 461

Door grilles



Aluminium

All louvres are manufactured to your specific requirements

PRODUCT DESCRIPTION:

- Units are assembled from extruded sections of aluminium AlMgSi 0,5
- Finishes: - satin anodised, no bronze
- any colour from the RAL-range (60 - 70 microns, UK: min 40 microns)
- Supplied with matching back frame and fixing screws.
- Visual free area: 93 %
- Length of blades: max. 800 mm in one piece
- Suitable for door thickness of min. 30 and max. 54 mm

STANDARD SIZES:

Width x Height (L) (H)	SAA	RAL 8019	RAL 9910
200 x 100 mm	•	•	•
400 x 200 mm	•	•	•
400 x 300 mm	•	•	•
500 x 300 mm	•	•	•
600 x 400 mm	•	•	•
Bathroom door grille			
425 x 76 mm	•	•	•

Other sizes are manufactured to your specific requirements

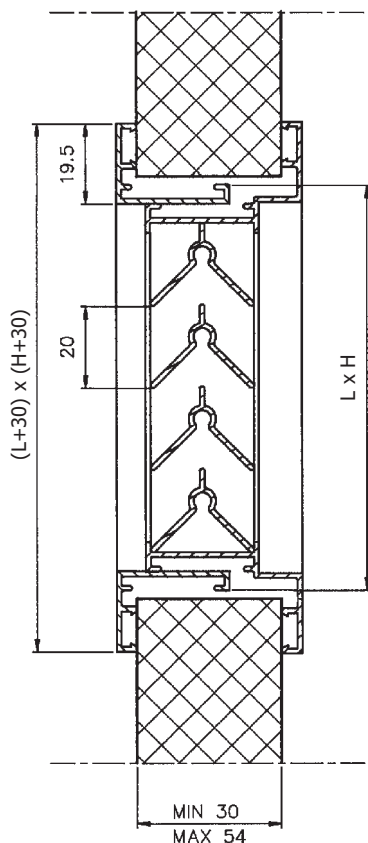
FIXING:

- Screws are supplied as standard

AIRFLOW:

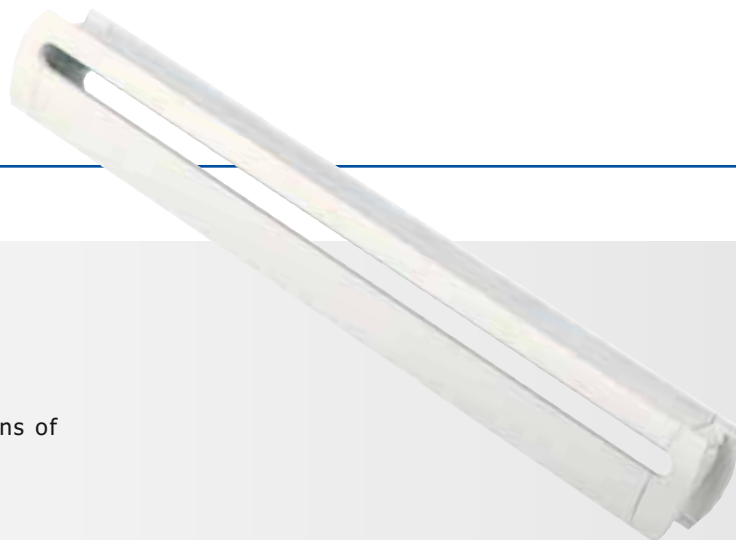
Width (L) x Height (H)	1 Pa - m ³ /h	2 Pa - m ³ /h
200 x 100 mm	9,3	13,2
400 x 200 mm	46,7	66,9
400 x 300 mm	86,7	122,1
500 x 300 mm	103,0	146,5
600 x 400 mm	147,8	221,9
425 x 75 mm	12,5	17,7

Other sizes are manufactured to your specific requirements



SILENDO-ACOUSTIC DOORGRILLE N° 461 AK

Door grilles



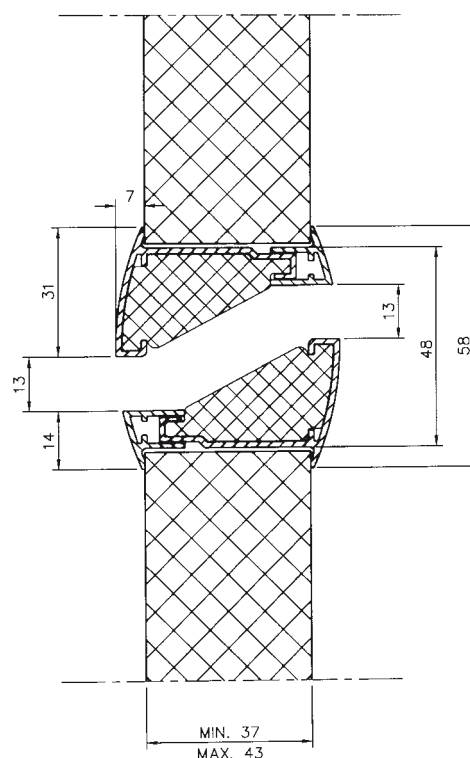
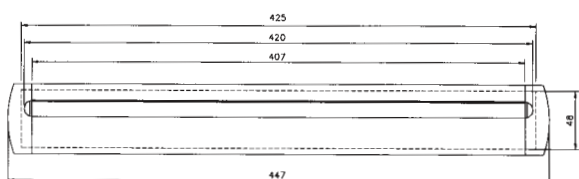
Aluminium

PRODUCT DESCRIPTION:

- Units are assembled from extruded sections of aluminium AlMgSi 0,5 with PVC endcaps
- Finishes: - satin anodised
 - any colour from the RAL-range (RAL 60 - 70 microns, UK: min 40 microns)
- Endcaps: black, white or grey
- Invisible fixing
- Free area: 5291 mm² (standard size)
- Airflow: 25 m³/h at 2 Pa
- Painting possible: white at RAL-9910, black at RAL-8019, grey at SAA + primer
- Acoustic insulation: Dn,e,w (C;Ctr) = 33 (0;-1) dB
- Visual free area: 22 %

STANDARD SIZES:

Width x Height (L) (H)	Free area (mm ²)	SAA	RAL 8019	RAL 9910
425 x 48 mm	5291	•	•	•



ACOUSTIC DOORGRILLE N° 468 AK/2

Door grilles



Aluminium

PRODUCT DESCRIPTION:

- Units are assembled from extruded sections of aluminium AlMgSi 0,5
- Finishes: - satin or bronze anodised
 - any colour from the RAL-range can be supplied (RAL 60 - 70 microns, UK: min 40 microns)
- Cassette louvre suitable for door thicknesses of 37,5 to 92 mm.
- Height of the louvre: reckon with pitches of 85 mm
- Minimum dimensions = 107 x 107 mm H
- Maximum dimensions = 787 x 787 mm H
- Visual free area: 29%

ACOUSTIC FUNCTION:

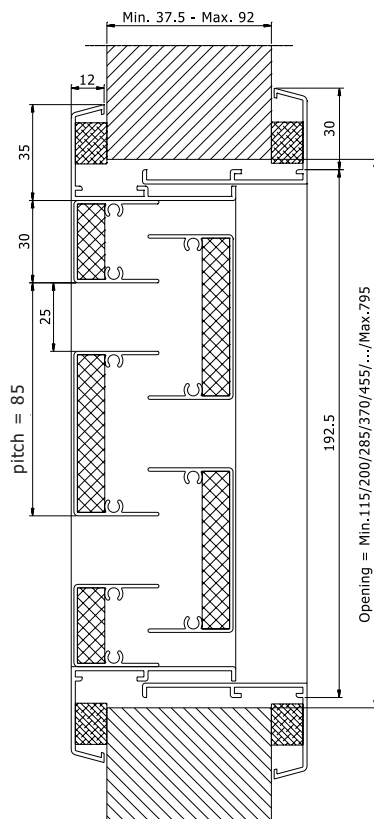
- Blades filled with sound absorbing material
- The blades are composed in a labyrinth structure
- Rw (C,Ctr): Sound reduction of Rw = 25 (-1,-2) dB

FIXING:

- Screws and plugs are supplied as standard

STANDARD SIZES:

Width x Height (L) (H)	Q (m ³ /h at 2Pa)
292 x 193 mm	25
382 x 278 mm	50
432 x 363 mm	75
452 x 448 mm	100



468AK/2

FIRE RESISTANT LOUVRE with angled blades N° 465

FIRE RESISTANT LOUVRE with horizontal blades N° 466

Fire resistant louvres

PURPOSE:

- In normal conditions : Guarantees an airflow between two adjacent rooms
- In the event of a fire : Provides a non-combustible barrier for a period of 60 minutes

FUNCTION:

- When the temperature reaches 120 °C the blade profiles fuse together and form a non-combustible barrier for 60 minutes

FITTING:

- Install the louvre in the door/wall opening
- Fill the space between grille and door/wall with fire resistant mortar
- Test reports available

PRODUCT DESCRIPTION:

- Integrity: 60 minutes (Test reports available)
- Type: 465/1 - 466/1 with flange
465/2 - 466/2 with unequal leg, telescopic frame
- Frame and blades of intumescent material
- Frame in satin anodised aluminium, other colours on request
- 465: Visual free area: 74 %
- 466: Visual free area: 70 %
- Special dimensions on demand

APPLICATIONS:

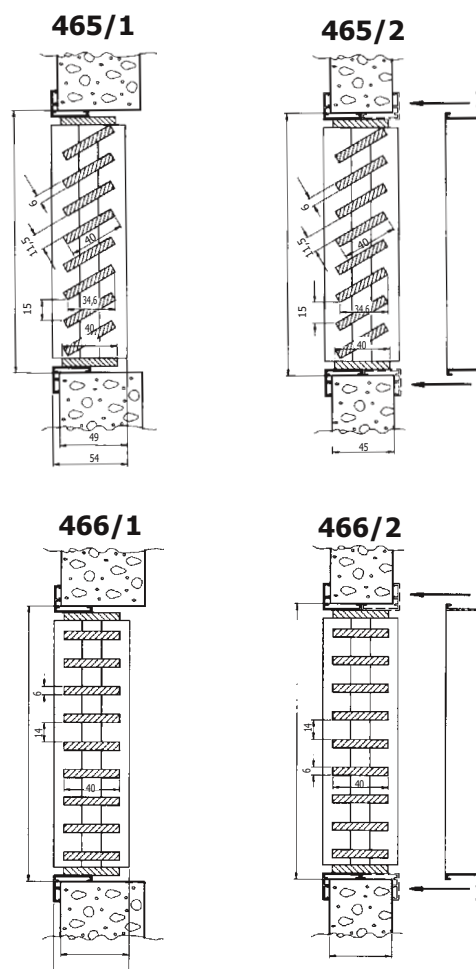
- Fire resistant construction
- Fire resistant doors
- *For internal use only*

STANDARD SIZES:

- 465/1 200 x 200 mmH
300 x 300 mmH
400 x 200 mmH
500 x 200 mmH
- 465/2 : 400 x 200 mmH

MINIMUM SIZES:

- 465/1 : 600/300 mmH
- 466/1 : 600/400 mmH
- 465/2 : 600/300 mmH
- 466/2 : 600/400 mmH





These louvre grilles may be easily self assembled to meet your own specifications. They require a minimum of sections and accessories.

Units are assembled from extruded sections of aluminium AlMgSi 0,5

Sections are available in following finishes : satin and bronze anodised, white powder coated, mill finish and all colours from the RAL range.

An insect screen or bird mesh screen may be fitted to the back of each louvre with a rubbergasket.

N° 411 - 414 - 412 - 415 - 431 - **STANDARD SERIES**

N° 421 - 422 - 424 - 428 - **HEAVY DUTY SERIES**

N° 425 - 451 - **EXTRA HEAVY DUTY SERIES**

ASSEMBLY INSTRUCTIONS

1. Cutting to size:

- Horizontal and vertical frame sections should be mitred at 45° :
- horizontal frame sections (10A, 15A, 26A and 110A) are not perforated
 - vertical frame sections (10B, 15B, 26B and 110B) are perforated

2. Fitting the frame sections:

The horizontal (10A,15A, 26A and 110A) and vertical (10B, 15B, 26B and 110B) frame sections are joined together with corner pieces (11B and 28).

The use of a rubber hammer is recommended.

3. Fitting the blade support:

The blade fixing supports (1 and 2) should be riveted to the perforated vertical frame (10B, 15B, 26B and 110B). Assembly should start at the top and work down. The supports may be cut down to provide smaller supports if required.

4. Fitting the blades (8, 9):

Determine the length of the blades in a way that they fit exactly inside the frame. The blades are cut to the required length and fixed to the blade supports (clipping system). Fitting should start at the top and work down.

5. Strengthening the blades:

It is recommended to reinforce all louvre grilles (also No. 421 and No. 425) every 80 cm with strengthening support profile No. 23 and T-piece 14.

6. Fitting the insect screen or bird mesh screen:

The insect screen may be fitted to the back of each louvre grille with a PVC U-gasket, which is pressed into a channel by means of a special hand roller.

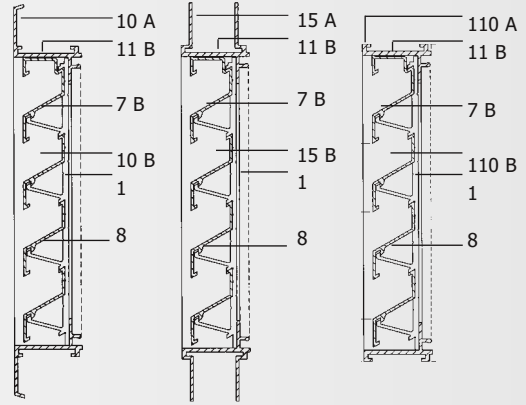
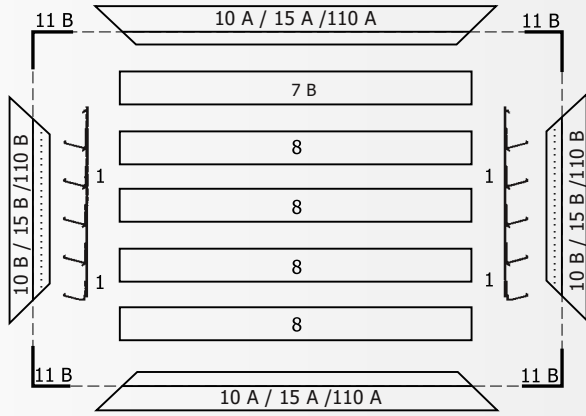
7. Profile length:

These profiles are available from stock in 3000 mm or 6000 mm.

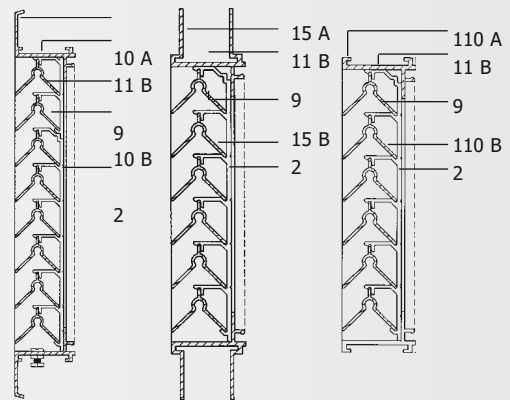
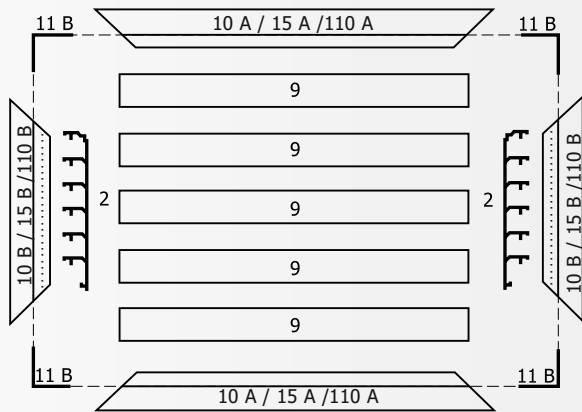
Free optimizing disc available.

STANDARD RANGE: N° 411 - N° 414 - N° 412 - N° 415 - N° 431

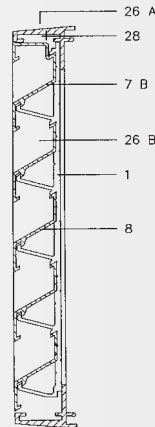
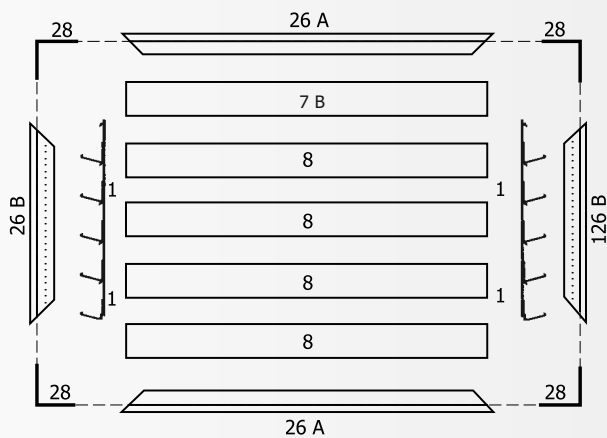
N° 411 / N° 414



N° 412 / N° 415











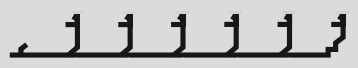

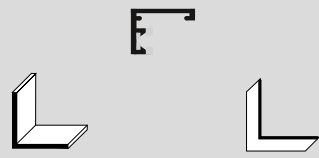
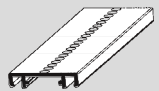

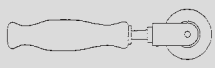


N° 431



Number of blades per metre:

- 411** : 29 Blades/m
- 414** : 28 Blades/m
- 412** : 49 Blades/m
- 415** : 47 Blades/m
- 431** : 29 Blades/m

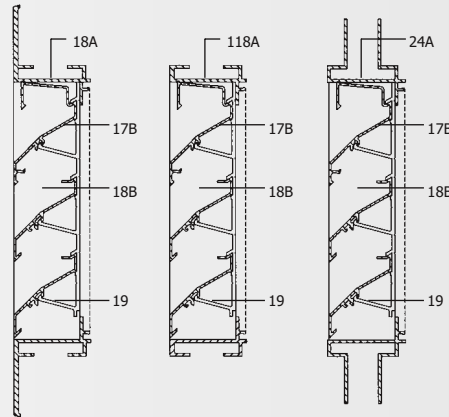
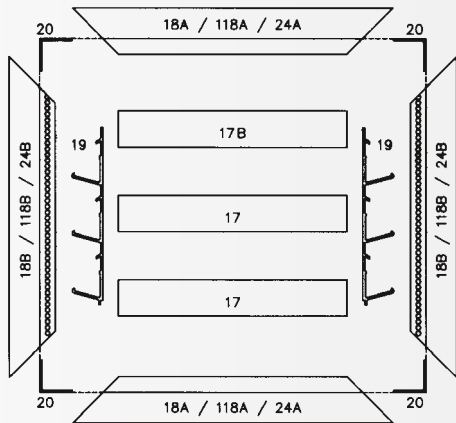
Profile	Ref.	Description	Length	Packing quantity
	10 A	Frame profile unperforated	6.000 mm	5
	10 B	Frame profile perforated	6.000 mm	5
	110 A	Frame profile unflanged unperforated	6.000 mm	5
	110 B	Frame profile unflanged perforated	6.000 mm	5
	15 A	Frame profile 24 mm unperforated	6.000 mm	5
	15 B	Frame profile 24 mm perforated	6.000 mm	5
	12	Mullion / Transom Joint for 110 A and 110 B	6.000 mm	5
	26 A	Frame profile unperforated	6.000 mm	5
	26 B	Frame profile perforated	6.000 mm	5
	7B	Top blade	6.000 mm	10
	8	Standard blade	6.000 mm	10
	8S	Short blade	6.000 mm	10
	8L	Long blade	6.000 mm	10
	9	Chevron section blade	6.000 mm	10
	1	Standard blade support	-	100
	2	Chevron section blade support	-	100
	11 B	Corner piece for frame 10 and 15	-	100
	28 B	Corner piece for frame 26	-	100
	462	Profile for back frame	6.000 mm	5
	462/1	Flat corner cleat for back frame	-	100
	462/2	Flat corner cleat for back frame	-	100
	23	U-profile strengthening support with channel to fit screen	6.000 mm	5
	14	T-piece strengthening support	-	20
	A4200/1	Hand roller for insect mesh	-	per piece

418/1 stainless steel flyscreen 10 x 1,20 m. - 418/2 stainless steel flyscreen 25 x 1,20 m.
PVC U-fixing gasket 250m.

**STANDARD RANGE: N° 421 - N° 424 - N° 422 - N° 428
N° 425 - N° 451**

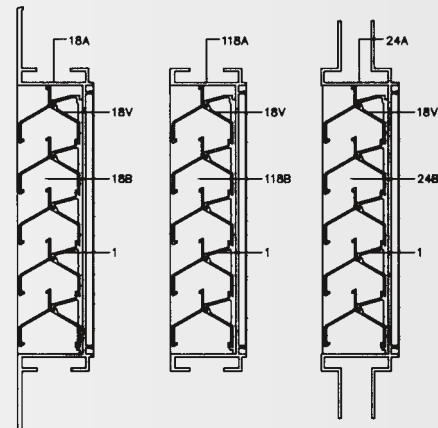
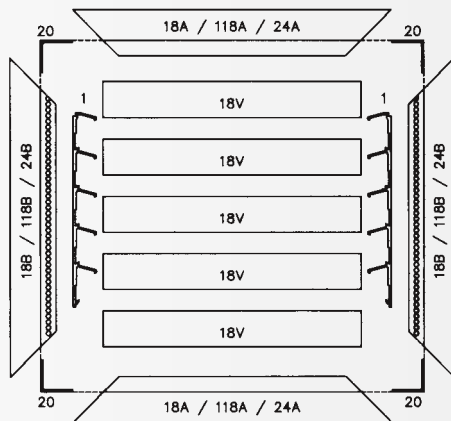
N° 421 / N° 424

(19 blades are needed per meter height)



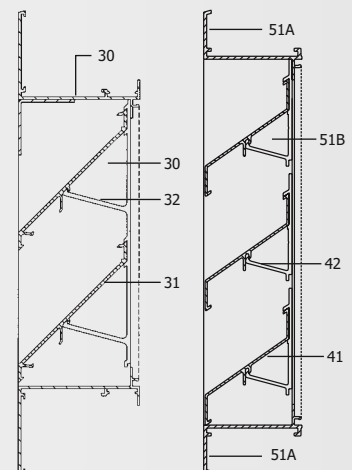
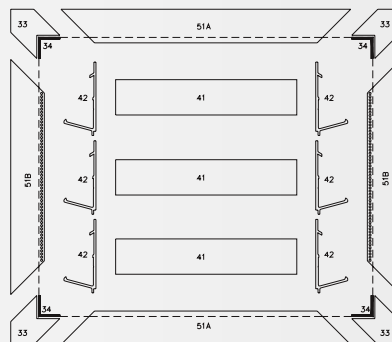
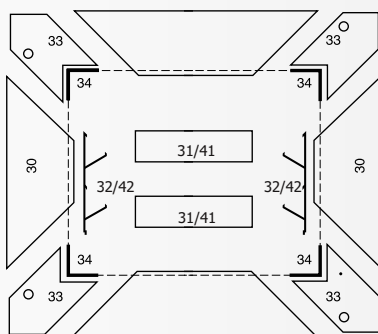
N° 422 / N° 428














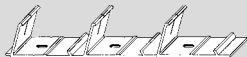



(30 blades are needed per meter height)



N° 425 / N° 451

(10 blades are needed per meter height)

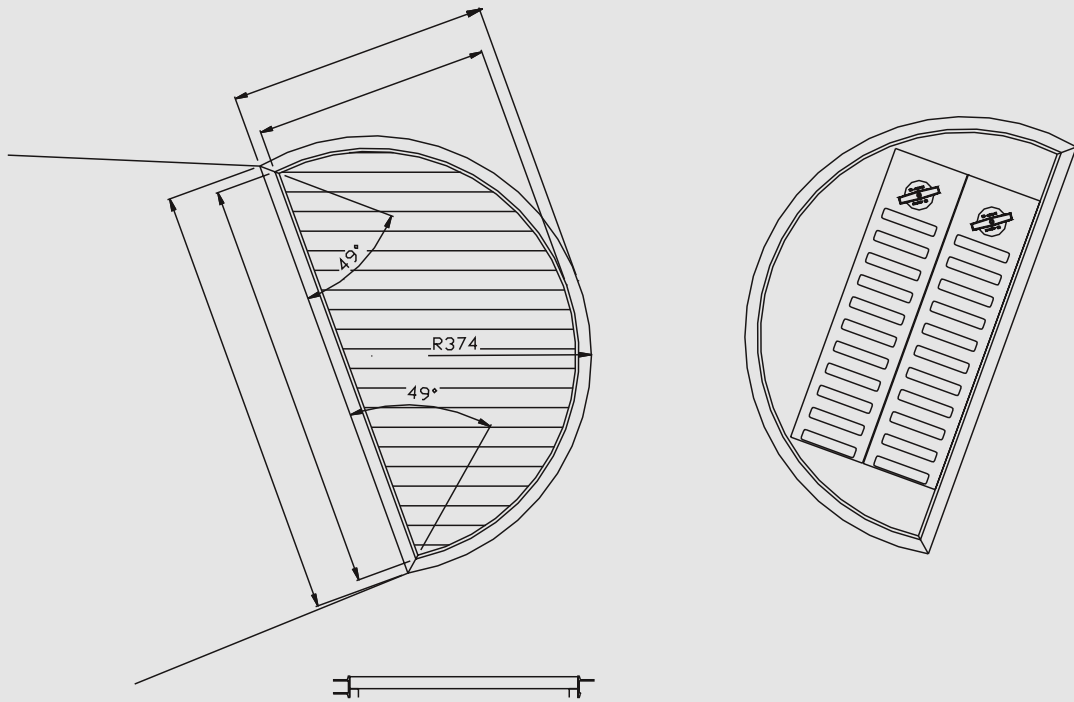


Profile	Ref.	Description	Length	Packing quantity
	18 A	Frame profile unperforated	6.000 mm	5
	18 B	Frame profile perforated	6.000 mm	5
	24 A	Frame profile unperforated	6.000 mm	5
	24 B	Frame profile perforated	6.000 mm	5
	118 A	Frame profile unflanged unperforated	6.000 mm	5
	118 B	Frame profile unflanged perforated	6.000 mm	5
	16	Mullion / Transom joint for 118 A en 118 B	6.000 mm	5
	20	Corner piece	-	20
	21	Corner piece without screw	-	20
	17	Heavy duty blade	6.000 mm	10
	17 B	Starter blade	6.000 mm	10
	17S	Short blade	6.000 mm	10
	18V	Large chevron blade	6.000 mm	10
	19	Heavy duty blade support for blade 17	-	50
	30	Frame profile	6.000 mm	5
	31	Heavy duty blade type 425	6.000 mm	10
	32	Blade support for blade 31	-	100
	41	heavy duty blade type 451	6.000 mm	100
	42	Blade support for blade 41	-	50
	34	Corner peice for frame 30	-	100
	23	U-profile strengthening support with channel to fit the insect screen	6.000 mm	5
	14	T-piece strengthening support	-	20

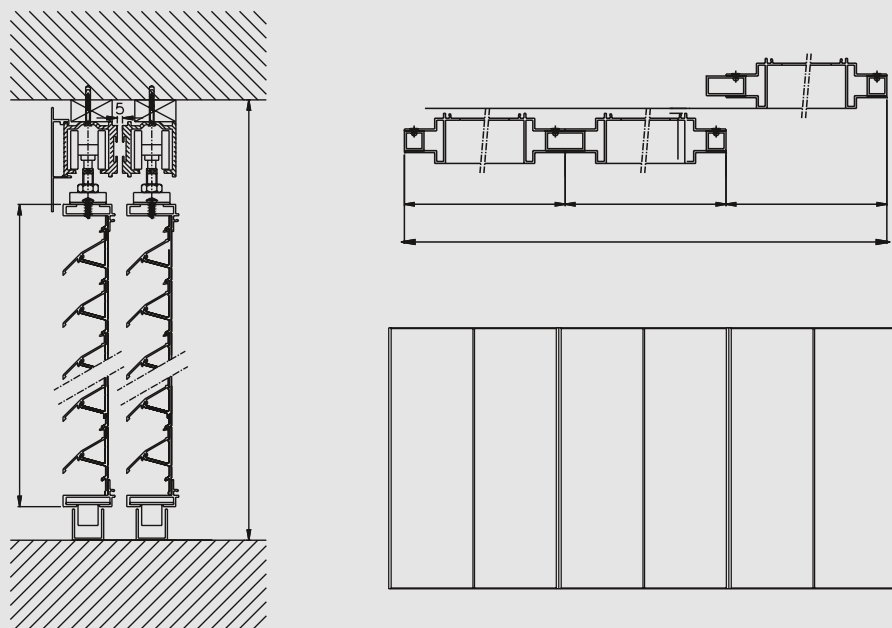
Profiles also available in 3 m lengths

VARIANTS

Wall Louvre Nr. 411: special shape - controllable

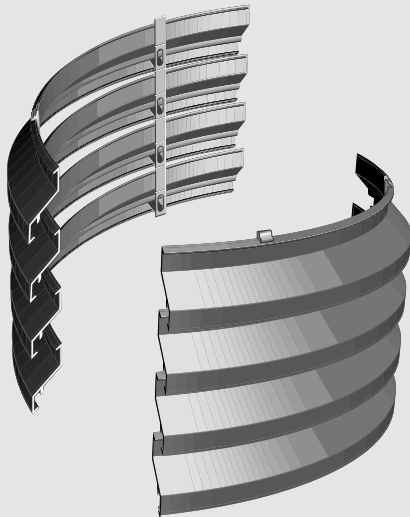


Wall Louvre Nr. 424 as sliding louvre panel



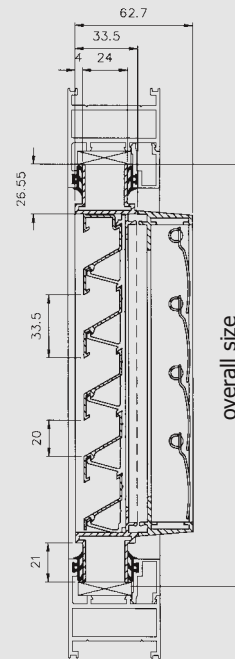
LOUVRE CURVED ON PLAN

- The blades 8 and 17 can be curved on plan
- Minimum radius 650 mm
- The blades are always powdercoated



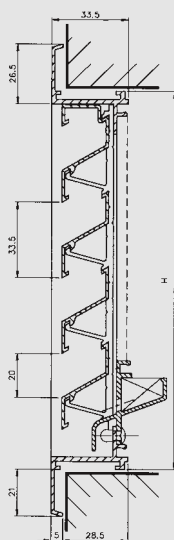
PRESSURE RELIEF GRILLE ONTO A 414 LOUVRE

- Combination of type 414 and 433 (opposite functioning)



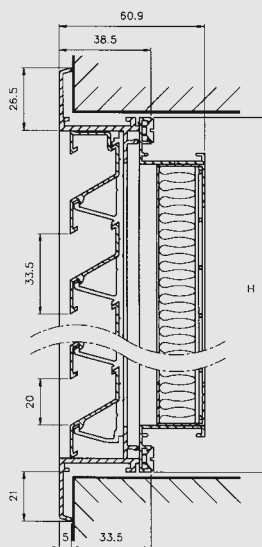
WATER CHANNEL

- Profile designed for all types (except 432 & 427)
- The profile collects water infiltration and drains it



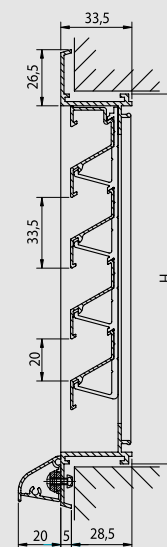
WALL LOUVRES WITH FILTER

- ALL louvres (except 431 & 432)
- Can be equipped with a dust filter

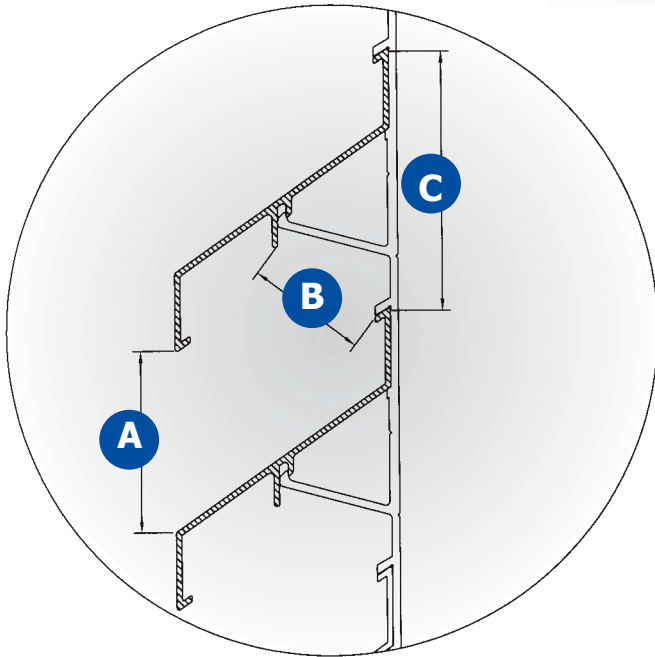


DRAINAGE PROFILE (spout)

- Profile designed for all types of flanged wall louvre (except round versions and types 431/432)
- The profile collects and drains water away from the louvre assembly



SELECTION GUIDE



This chapter offers you assistance with selecting the ideal RENSON louvre ventilation system. A few definitions, well-known in the field of natural ventilation, are explained.

Definition 1: Visual Free Area (*)

Visual Free Area is determined by the ratio between the face distance between two blades (A) and the pitch of the blade (C).

Definition 2: Physical Free Area (*)

Physical Free Area is determined by the ratio between the smallest gap between two blades (= throat) (B) and the pitch of the blade (C).

(*) Both definitions of the free area do not take into account the influence of top blades and bottom blades.



TYPE	Physical free area	Visual free area
311	76%	76%
371	61%	61%
392	76%	76%
393	63%	63%
394	59%	59%
411	43%	59%
411 R	42%	58%
412	39%	93%
412 R	39%	93%
414	43%	59%
414 R	45%	58%
415	39%	93%
415 R	39%	93%
421	49%	70%
421 R	47%	70%
422	43%	60%
423	23%	70%
424	49%	70%

TYPE	Physical free area	Visual free area
425	50%	86%
427	53%	88%
428	43%	60%
431	43%	59%
431 R	45%	58%
432	43%	59%
445	37%	78%
451	47%	70%
453	56%	70%
461	39%	93%
461 AK	22%	22%
468	29%	29%
481	60%	92%
484	60%	92%
511	43%	61%
521	47%	68%
621	47%	68%









RENSON: YOUR PARTNER IN NATURAL VENTILATION AND SOLAR SHADING

RENSON, WITH ITS RICH TRADITION IN INNOVATION AND EXPERIENCE SINCE 1909, IS PROFILING ITSELF AS AN UNDISPUTED MARKET LEADER IN NATURAL VENTILATION AND SOLAR SHADING. SINCE 2003, OUR HEAD QUARTERS HAVE BEEN LOCATED NEXT TO THE E17 KORTRIJK - GENT MOTORWAY IN WAREGEM (BELGIUM). THIS REMARKABLE BUILDING IS A REAL AND WORKING MODEL OF OUR HEALTHY BUILDING CONCEPT AND IS A PROTOTYPE EXHIBITING OUR TECHNOLOGICAL STRENGTHS.



A HEALTHY INTERNAL CLIMATE IS RENSON'S PRIORITY AND THIS IS FAR MORE THAN JUST A TREND. WE DEVELOP AND COMMERCIALISE PRODUCTS THAT CONTRIBUTE TO LOWER ENERGY CONSUMPTION. IN THIS WAY, RENSON PROVIDES AN IMPORTANT LINK TOWARDS THE REGULATION APPLICATIONS FROM THE KYOTO CLIMATE TREATY

RENSON HAS IT ALL

- Our multidisciplinary R&D department is co-operating with leading European research organizations. The outcome is a complete range of innovative concepts and products.
- Our automatically powder coating installation, anodisation unit, PVC injection installation, PVC mould construction, assembly department and warehouse facilities are spread over a surface area of 50.000 m². Thanks to its consequent vertical integration, RENSON delivers high quality products.
- RENSON's head quarters, sales and marketing department are in Belgium, but we also have plants and offices in France and the UK. RENSON also has a sales structure beyond the European borders.
- The diversity and capability from RENSON's project team are our warranty for correct solutions for each individual building project. The creation of constructive long term relationships with construction specialists is our priority.



Conditional technical changes • The most recent edition of the brochure can be downloaded on www.renson.eu

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