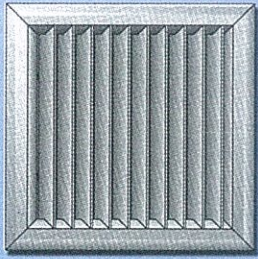
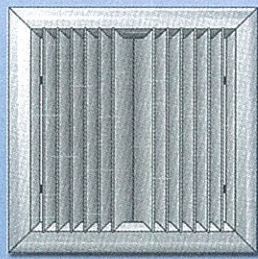


ESCOFLOW[®]

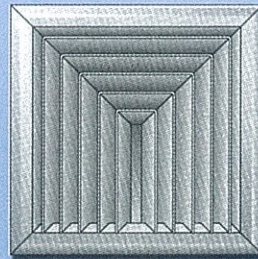
FLOWRATE AIR CONTROLLER



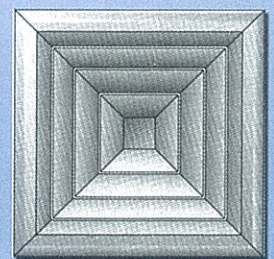
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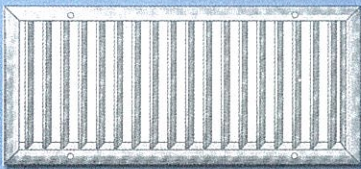
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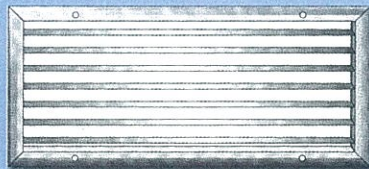
SAG-S3



SAG-S4



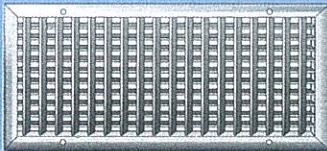
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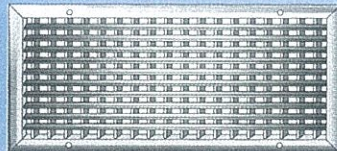
SAG-H



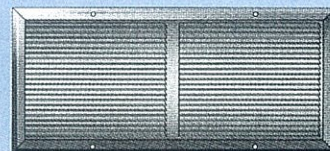
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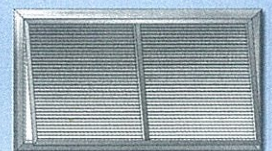
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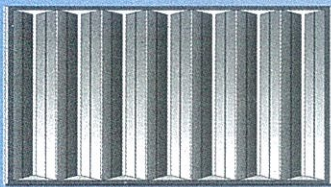
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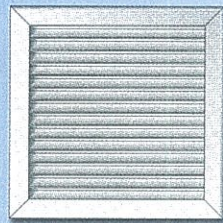
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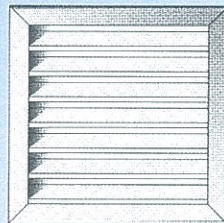
RAG-H



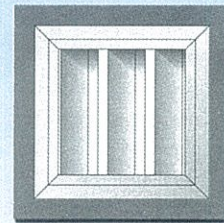
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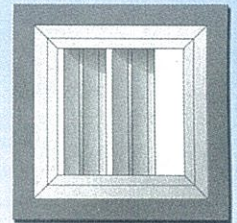
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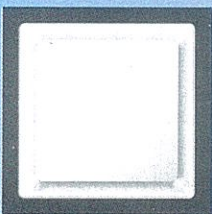
FAG-Z2



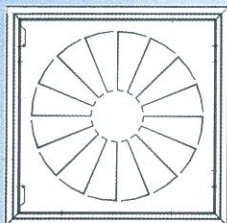
FAG-Z4



FAG-Z4 Extra



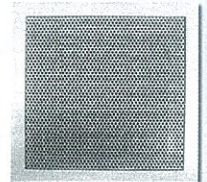
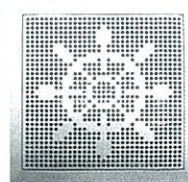
SACD-OMNI



Grille Swirl Type-1



RCD



Perforate Grilles



EASTERN SYNTECH COMPANY LIMITED

Sale Office : 1179/21-25 Soi Manorom, Rama 4 Rd., Khongtan, Khongtoey, Bangkok 10110 THAILAND

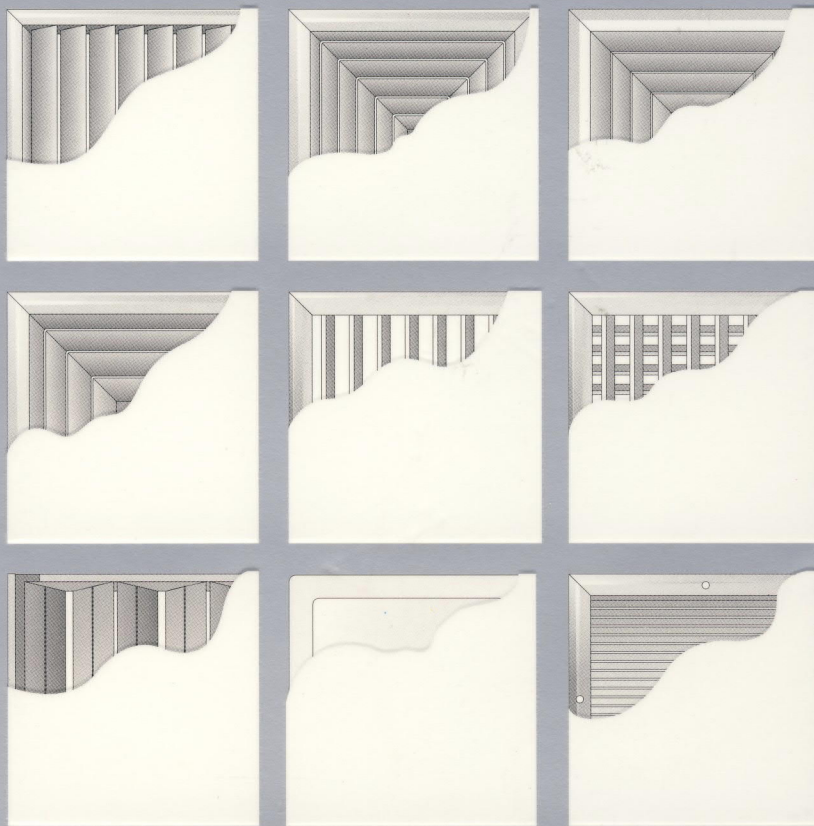
Tel : (66) 0 2249 3976 (Auto 10 Lines), Fax : (66) 0 2249 7798

Factory : 611 Mu 4 Soi 9A Bangpoo Industrial Estate, Sukhumvit Rd., Samutprakarn 10280 THAILAND

Tel : (66) 0 2709 3147-53 Website : www.escoduct.com

ESCOFLOW[®]

FLOWRATE AIR CONTROLLER



ISO 9001 CERTIFIED



from
The Air Distribution Specialist



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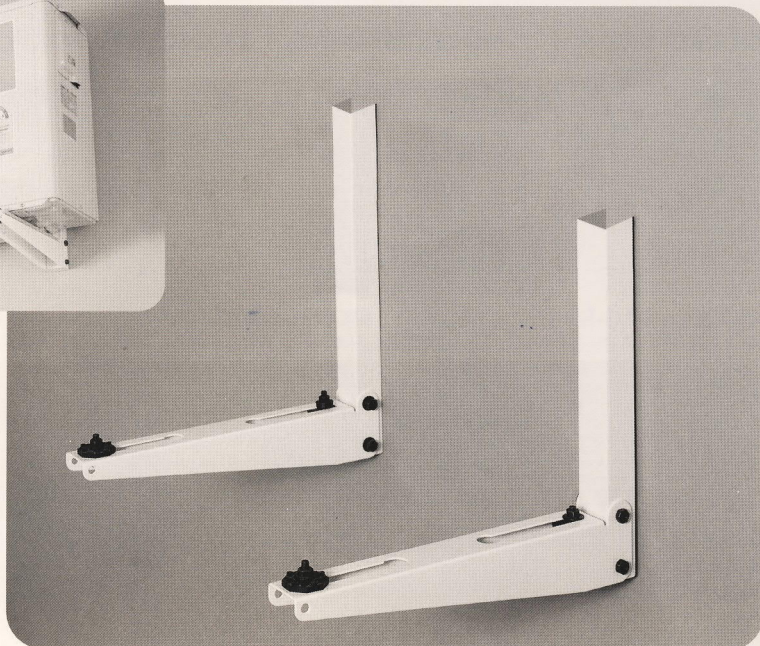
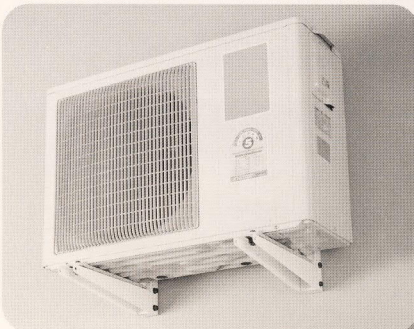
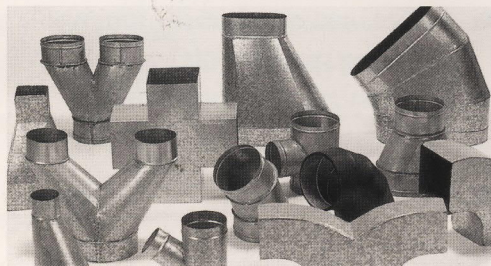
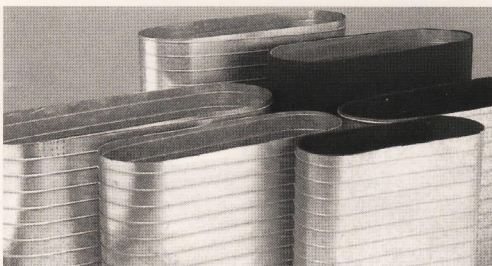
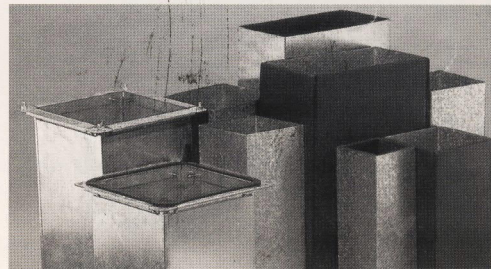
ESCOFLOW[®]

FLOWRATE AIR CONTROLLER



METAL SHEET FABRICATED PRODUCT FROM ESCO

Product from EASTERN SYNTECH CO., LTD. (ESCO) includes ESCO DUCT rigid air ducts in round, flat-oval and rectangular shapes designed by computers for air-conditioning and ventilation system, ESCO FLOW grills, ESCO BRACKET and other accessories for HVAC/R industry



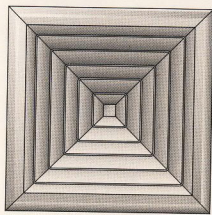
CEILING DIFFUSER

Escoflow offers a complete line of square and rectangular directional ceiling diffusers for versatility of application. These series of directional diffusers are available in a wide variety of 1-way, 2-way, 3-way or 4-way core styles. With square or rectangular inlet necks, they can supply large volume of air at low sound levels and at low pressure drops. These series of directional diffusers are not recommended for application without ceiling.

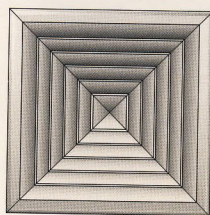
FEATURE

- Aluminum construction.
- Available in a wide variety of frame styles to suit most ceiling applications.
- Available with optional extended panels to suit modular ceilings.
- Specifiable cores styles for 1, 2, 3, or 4.
- Directional core is easily removable at the diffuser face without requiring special tools.
- Optional square or rectangular.

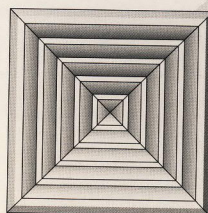
MODEL : SAG-S



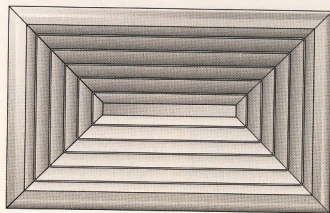
MODEL : SAG-SW



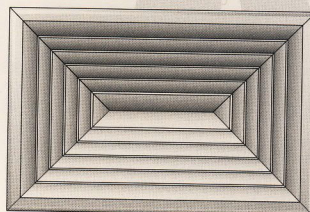
MODEL : SAG-SD



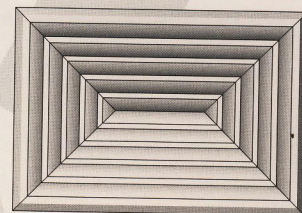
MODEL : SAG-R



MODEL : SAG-RW



MODEL : SAG-RD

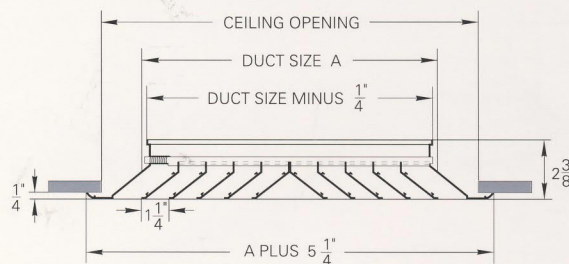
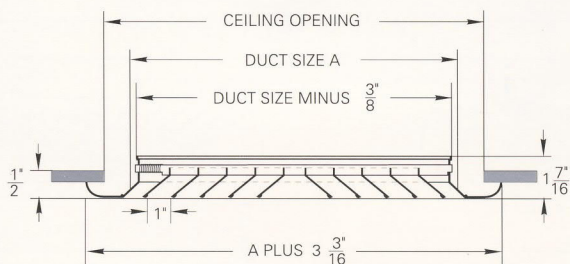
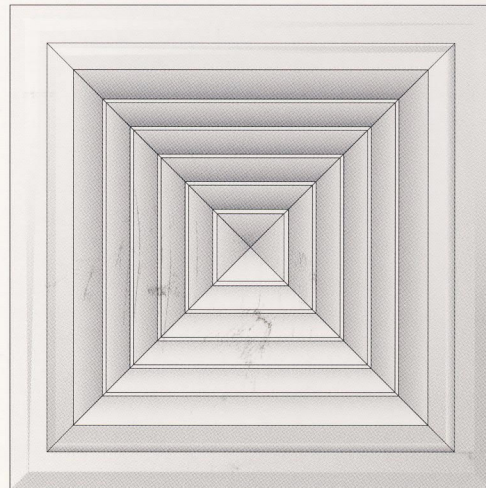
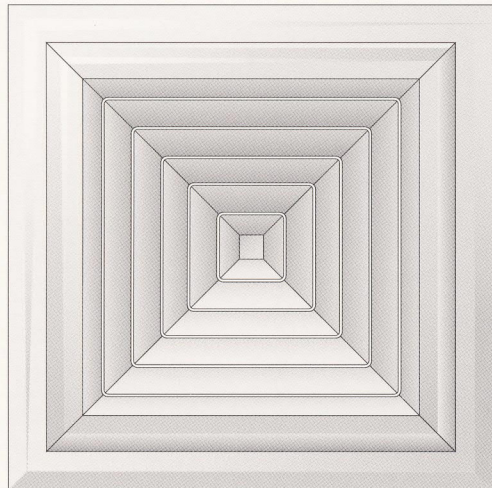


SQUARE CEILING DIFFUSER

SQUARE WIDE CEILING DIFFUSER

MODEL : SAG-S

MODEL : SAG-SW

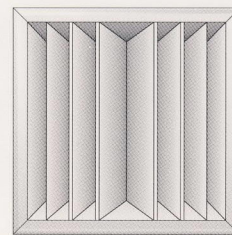
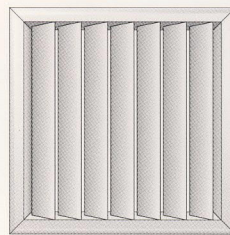
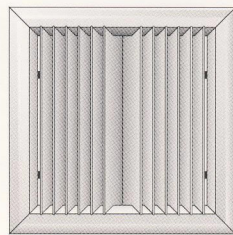
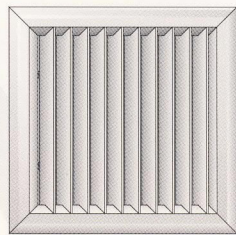


SAG-S1

SAG-S2

SAG-SW1

SAG-SW2

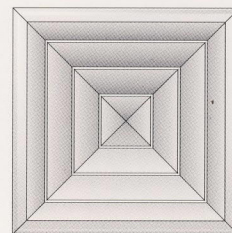
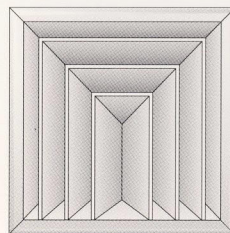
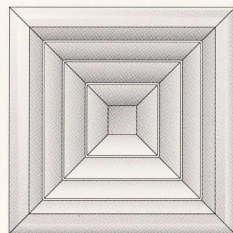
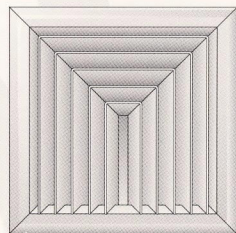


SAG-S3

SAG-S4

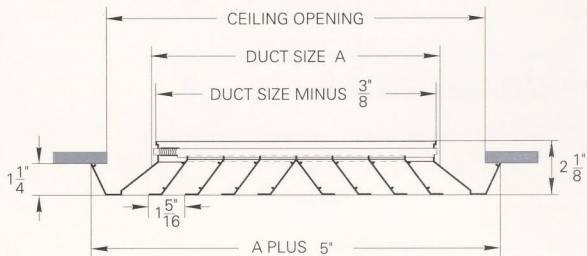
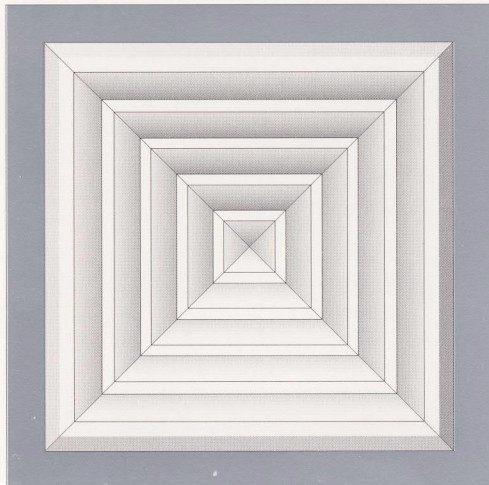
SAG-SW3

SAG-SW4



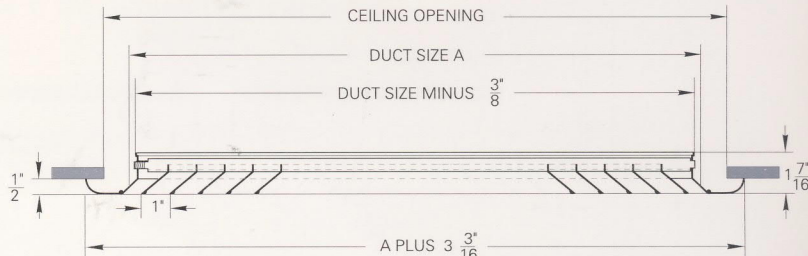
SQUARE DEEP CONTOUR CEILING DIFFUSER

MODEL : SAG-SD

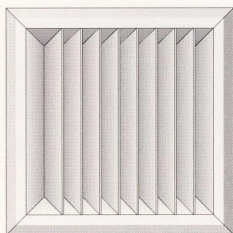


RECTANGULAR CEILING DIFFUSER

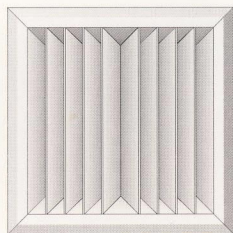
MODEL : SAG-R



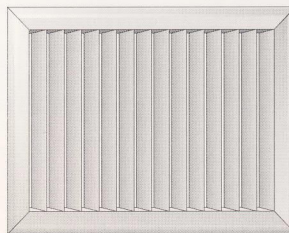
SAG-SD1



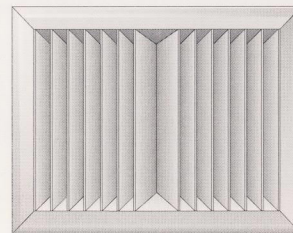
SAG-SD2



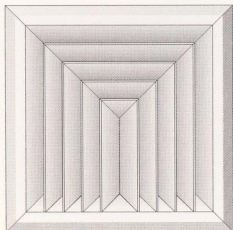
SAG-R1



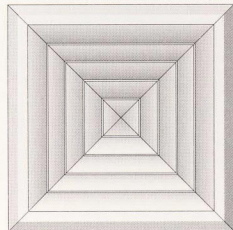
SAG-R2



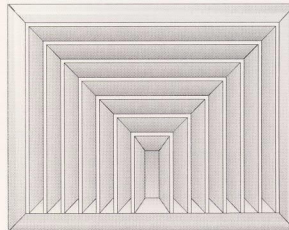
SAG-SD3



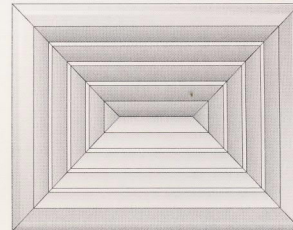
SAG-SD4



SAG-R3



SAG-R4



SAG-SW

SAG-R

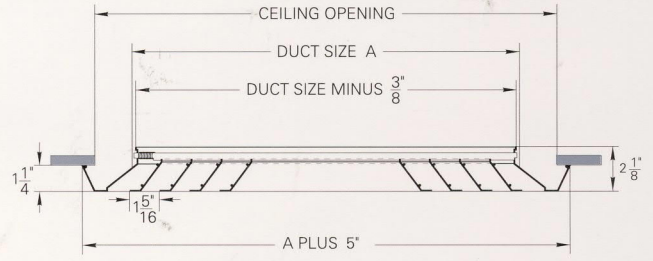
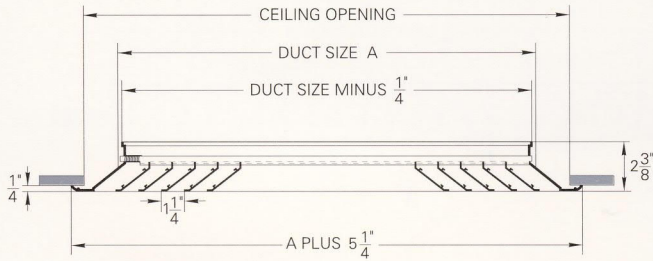
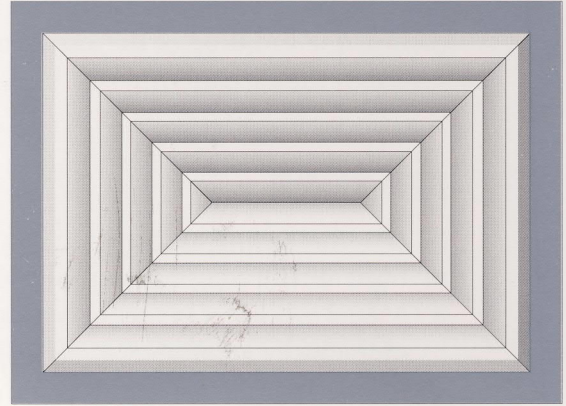
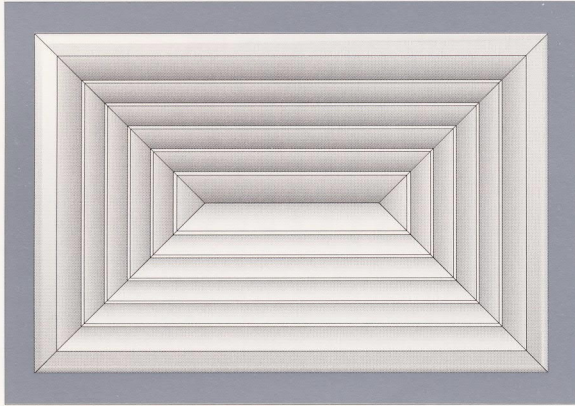
SAG-SD

RECTANGULAR WIDE CEILING DIFFUSER

RECTANGULAR DEEP CONTOUR DIFFUSER

MODEL : SAG-RW

MODEL : SAG-RD

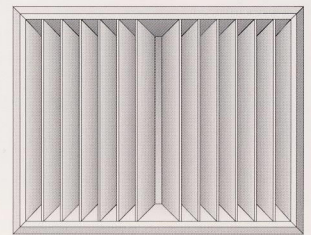
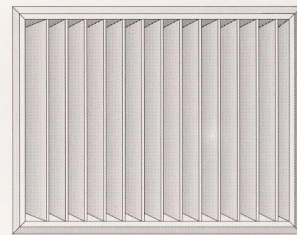
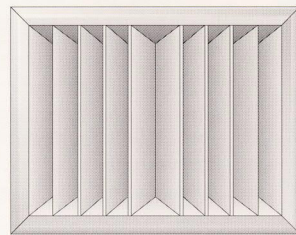
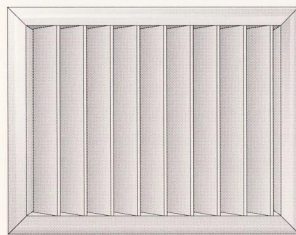


SAG-RW1

SAG-RW2

SAG-RD1

SAG-RD2

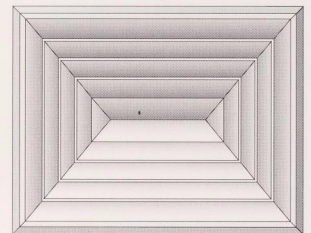
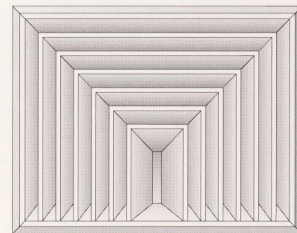
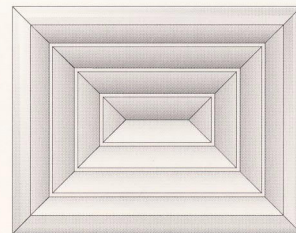
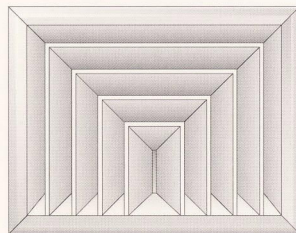


SAG-RW3

SAG-RW4

SAG-RD3

SAG-RD4



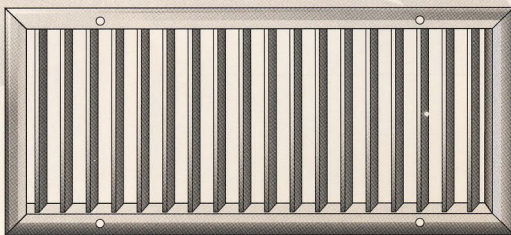
SINGLE DEFLECTION AIR GRILLES

A grille with a single set of adjustable blades which controls the air pattern in only one direction depending on blade orientation. Horizontal blades control rise and drop of the airstream. Vertically oriented blades control the spread of the air pattern.

FEATURE

- Aluminum construction.
- Individually adjustable airfoil blades.
- Model SAG-V. One set of blades parallel to long dimension. Blades individually adjustable.
- Model SAG-H. Same as SAG-V except blades parallel to short dimension.

MODEL : SAG-V



MODEL : SAG-H



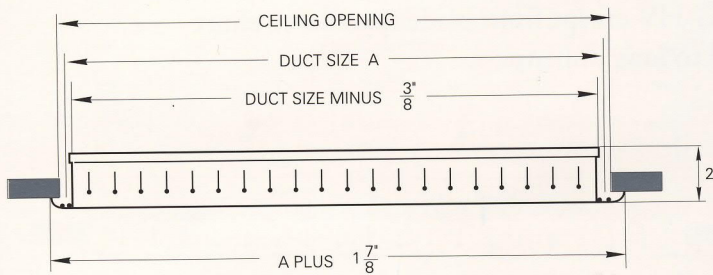
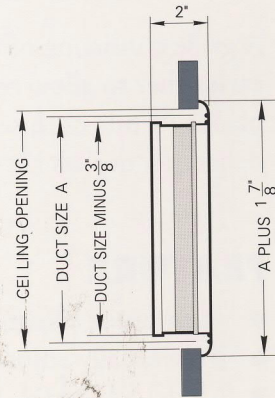
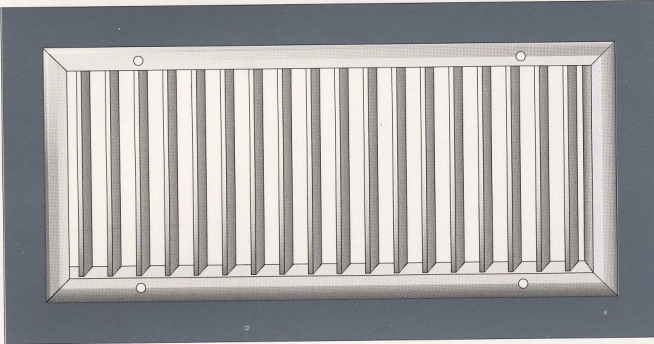
SAG-V

SAG

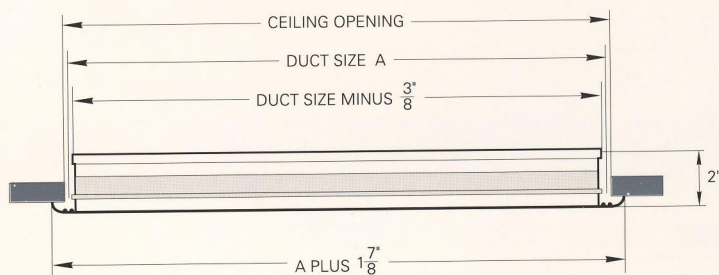
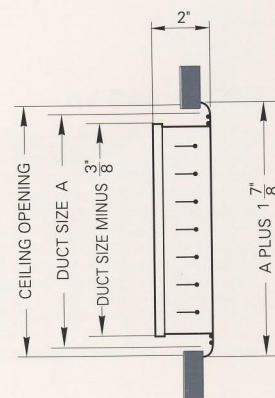
SAG-H

SINGLE DEFLECTION AIR GRILLES

MODEL : SAG-V



MODEL : SAG-H



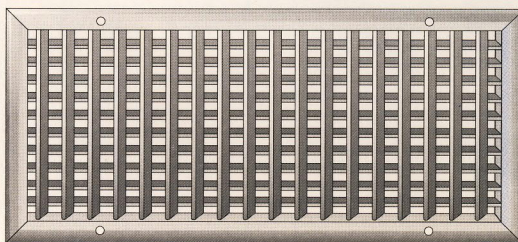
DOUBLE DEFLECTION AIR GRILLES

A grille consisting of two sets of adjustable blades oriented perpendicular to each other to allow control of the air pattern in both horizontal and vertical planes. While both sets of blades have an affect on the air pattern. Double deflection outlets are the most flexible type of grille.

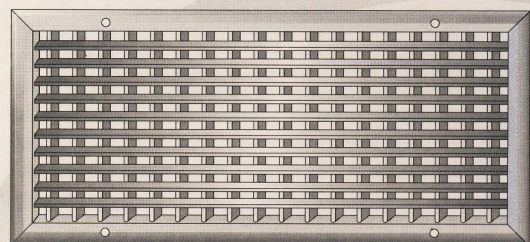
FEATURE

- Aluminum construction.
- Individually adjustable airfoil blades.
- Model SAG-HV. Front blades parallel to long dimension. Rear blades parallel to short dimension. All blades individually adjustable.
- Model SAG-VH. Same as SAG-HV except front blades parallel to short dimension, rear blades parallel to long dimension.

MODEL : SAG-VH



MODEL : SAG-HV

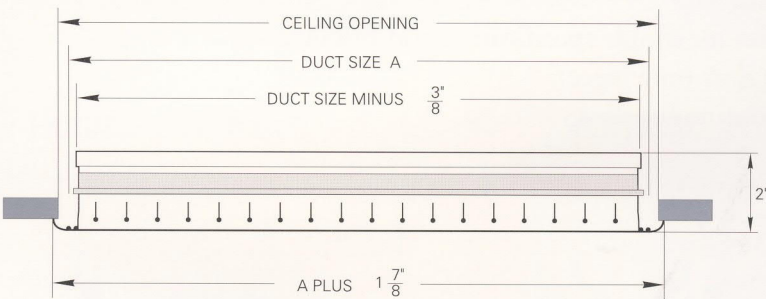
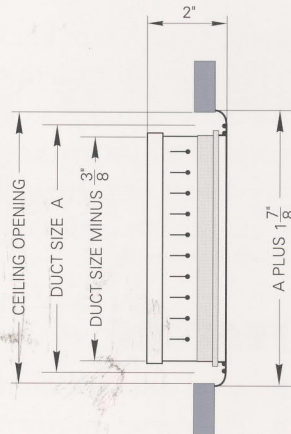
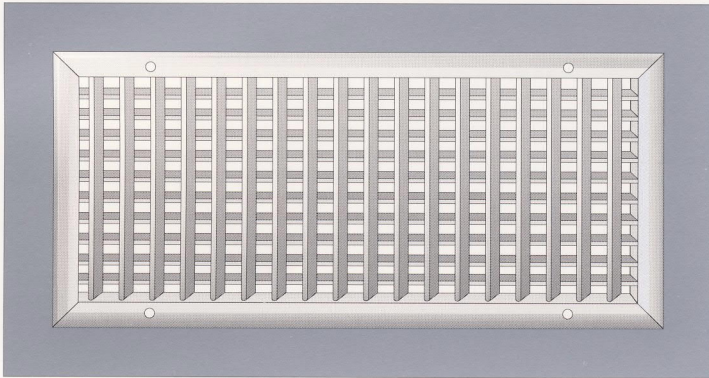


SAG-VH

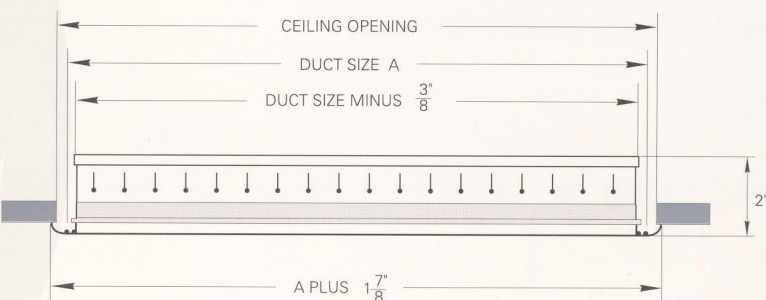
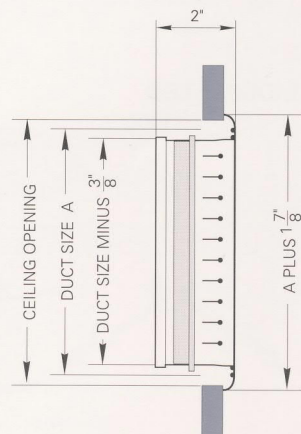
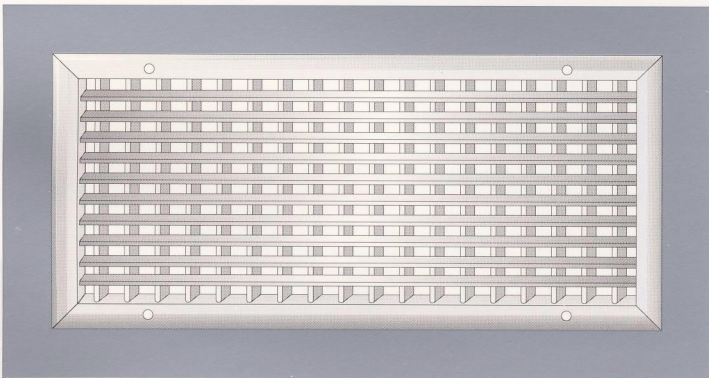
SAG-HV

DOUBLE DEFLECTION AIR GRILLES

MODEL : SAG-VH



MODEL : SAG-HV



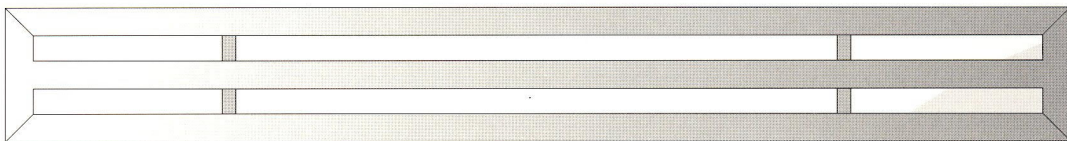
LINEAR SLOT DIFFUSER

Supply and return linear slot diffusers offer high performance outlet with 180 degree air pattern control and complete blank-off for true design flexibility. A precise extruded aluminum pattern controller provides a full 180 degree range of air pattern adjustment from vertical to a tight ceiling hugging horizontal air pattern. The curved, aerodynamically shaped pattern controller is essential in achieving an exceptionally tight horizontal ceiling pattern.

FEATURE

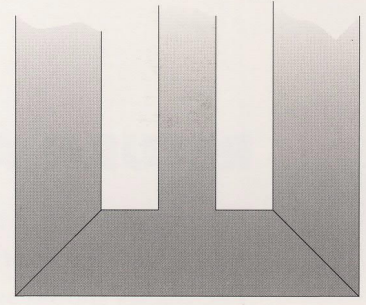
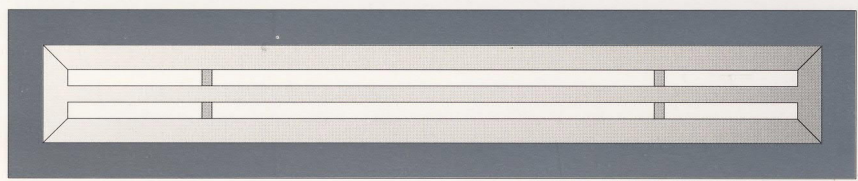
- Solid extruded aluminum construction.
- 180 degree air pattern adjustment and complete flow rate control with stable horizontal air pattern.
- No "lefts" or "rights" makes for simple specification and installation.
- Available in 1 through 10 slots (one piece).
- Joiner strips provide for continuous slots.

MODEL : LSD

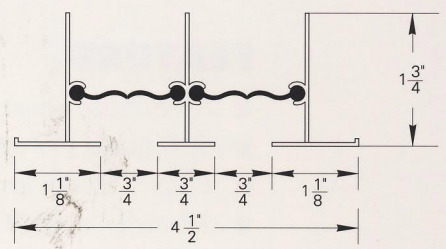


LINER SLOT DIFFUSER

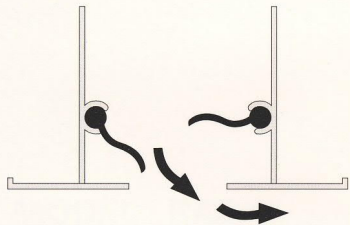
MODEL : LSD



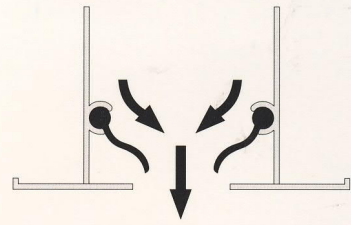
FULLY CLOSED



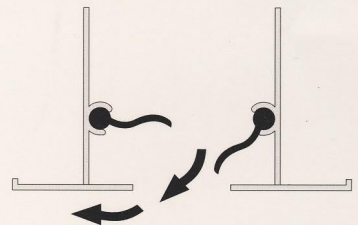
HORIZONTAL RIGHT



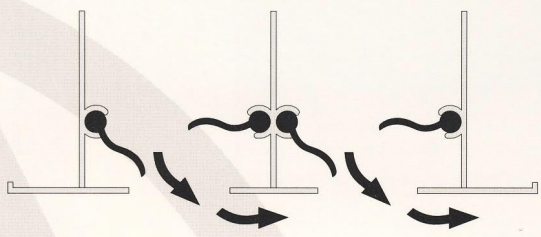
VERTICAL



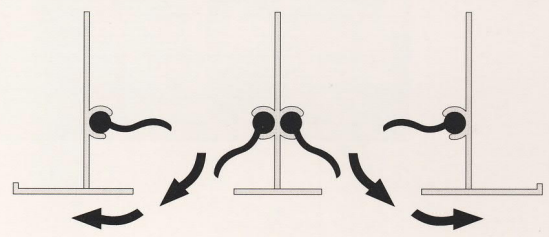
HORIZONTAL LEFT



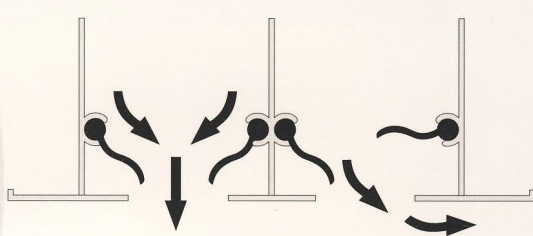
ONE-WAY



OPPOSED



VERTICAL AND HORIZONTAL



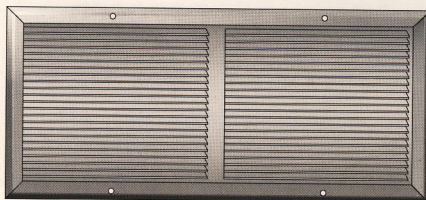
RETURN AIR GRILLE

These grilles utilize a core of parallel fixed blades set at a deflection, usually 45 degrees from horizontal with blades spaced 3/4 inches (19 mm.) on center. The blades should run parallel to the (long/short) dimension of the grille.

FEATURE

- Aluminum construction.
- 3/4 inches (19 mm.) blades spacing.
- Louver blades are fixed at 45 degree deflection.
- 2-border styles (C-border or Flat-border) are available to suit surface mounted or T-Bar Lay-in application.
- The front blades should be parallel to long dimension or short dimension.
- Hinge-tab mechanism allows hinging or removal of grille from the filter frame for cleaning (RAG-H only).

MODEL : RAG



MODEL : RAG-H



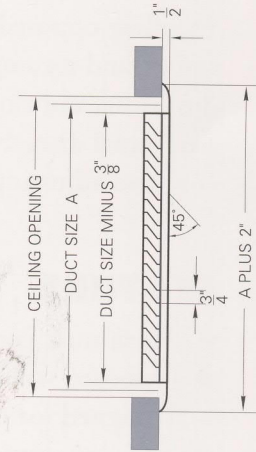
RAG

RAG-H

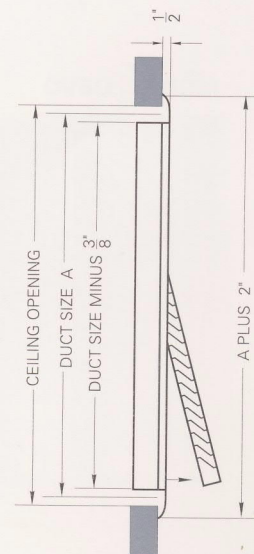
RAG-H

RETURN AIR GRILLES

MODEL : RAG



MODEL : RAG-H



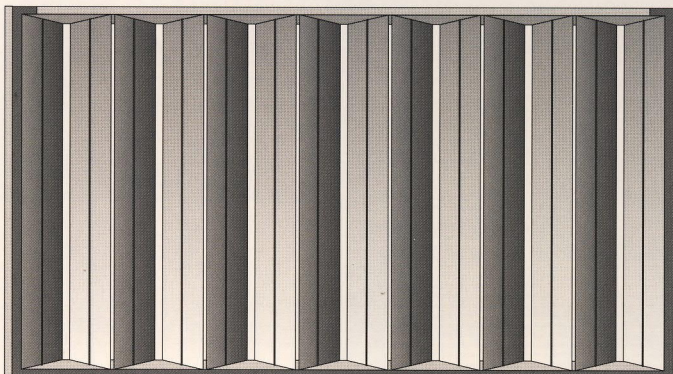
OPPOSED BLADE VOLUME DAMPER

Escoflow opposed blade volume damper offer specifically designed for use with square and rectangular neck diffusers. Blades move simultaneously in opposite directions and close at 45 degree to permit metering of the air while creating a minimal disturbance to the air pattern. Regulated by removing diffuser inner core and adjusting the slot operator with manual.

FEATURE

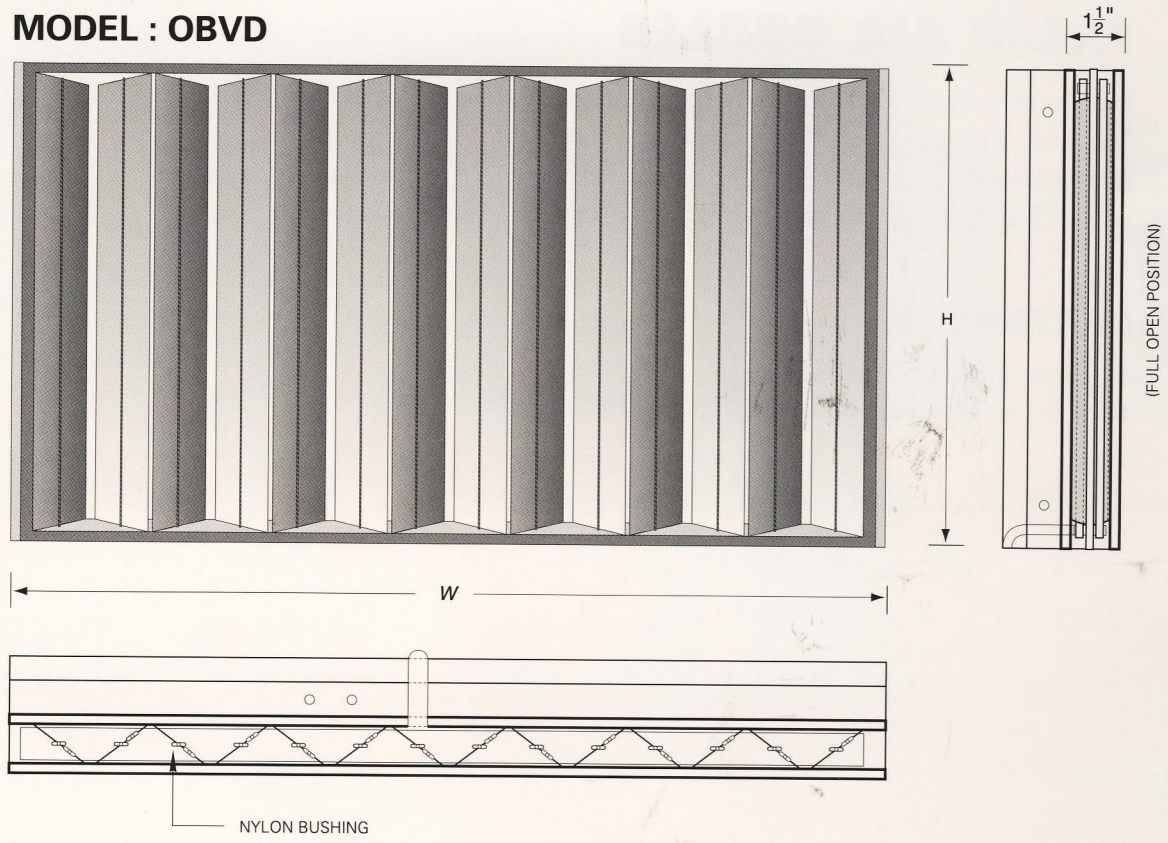
- Aluminum construction.
- Opposed volume damper.
- Designed for quick adjustment.
- Accurate, smooth and predictable in their response to adjustment.
Engineered for the least possible noise, turbulence and air resistance.

MODEL : OBVD



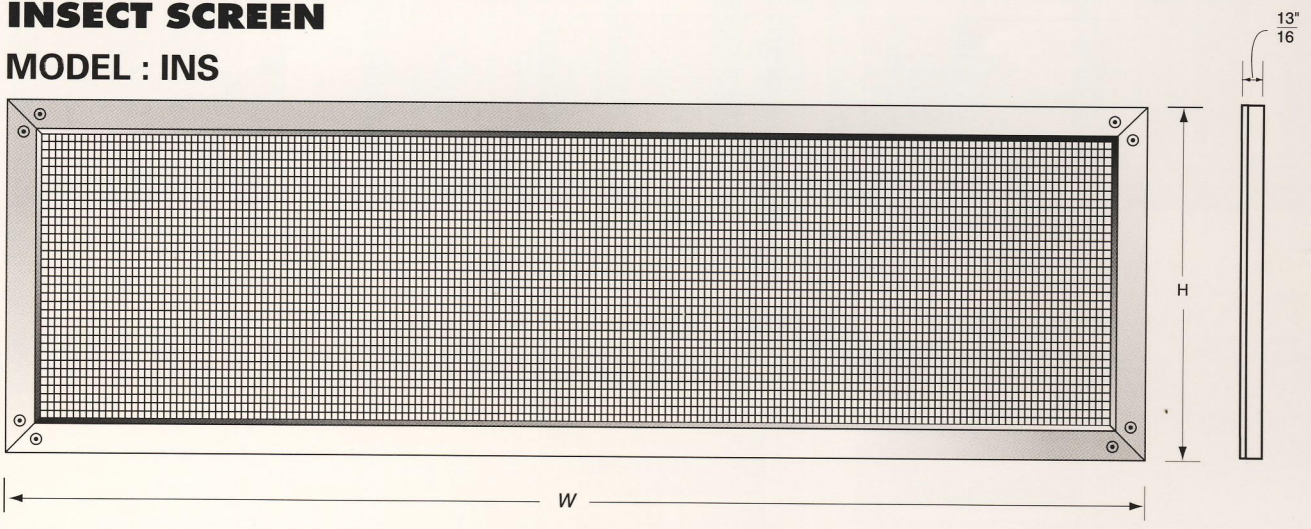
OPPOSED BLADE VOLUME DAMPER

MODEL : OBVD



INSECT SCREEN

MODEL : INS



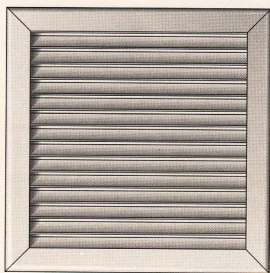
FRESH AIR GRILLES

Return or exhaust air louver have fixed horizontal louver blade. The louver blade are arranged to overlap each other to be vision proof with the deflection facing away from the line of sight. And are recommended to install at external wall of building, was specially designed for fresh air intake and extract purpose.

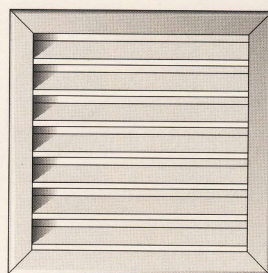
FEATURE

- Aluminum construction.
- 2-border styles (C-border or Flat-border).

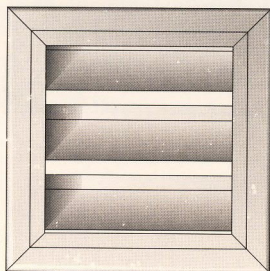
MODEL : FAG-Z1



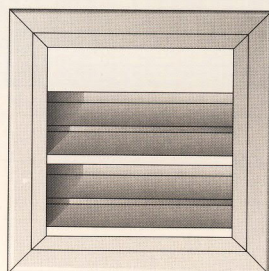
MODEL : FAG-Z2



MODEL : FAG-Z4



MODEL : FAG-Z4 (EXTRA)



FRESH AIR GRILLES

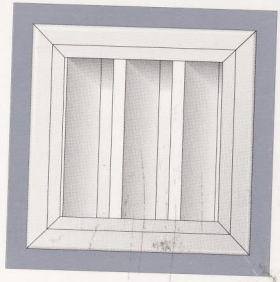
MODEL : FAG-Z1



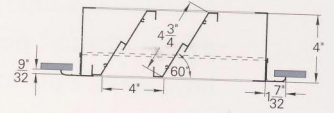
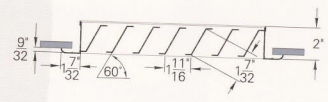
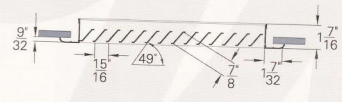
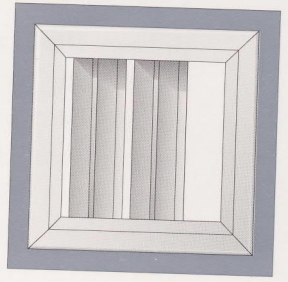
MODEL : FAG-Z2



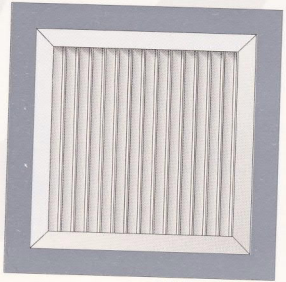
MODEL : FAG-Z4



MODEL : FAG-Z4 (EXTRA)



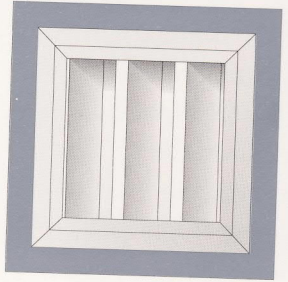
MODEL : F-FAG-Z1



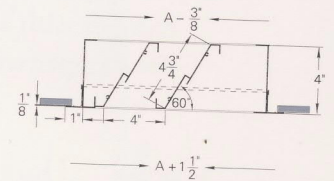
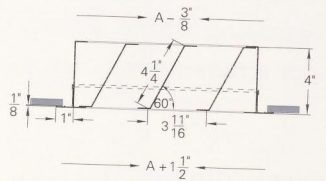
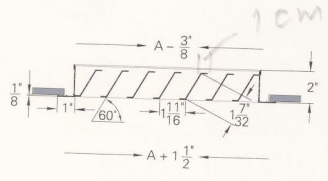
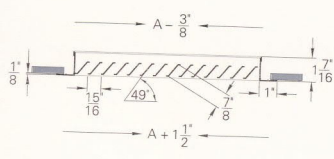
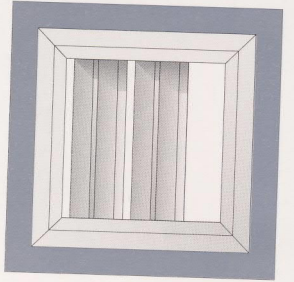
MODEL : F-FAG-Z2



MODEL : F-FAG-Z4



MODEL : F-FAG-Z4 (EXTRA)



SUPPLY ARCHITECTURAL CEILING DIFFUSER

PRODUCT INFORMATION

Escoflow model SACD-OMNI square ceiling diffuser satisfies both architectural appeal and engineering performance criteria. Simple clean and unobtrusive appearance required for architectural excellence with 360 degree diffusion pattern and minimum NC levels.

The SACD-OMNI diffuser is available in standard 24" x 24" face size with round neck. Material is a heavy gauge steel, and finish with a high quality, polyester powder coating for long service life and easy installation.

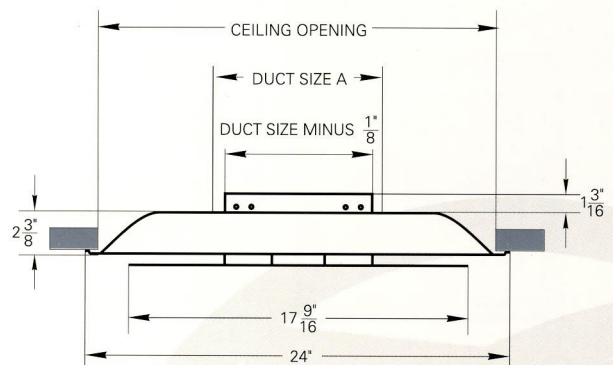
MODEL : SACD-OMNI



FEATURE

- Engineering air diffusion pattern.
- Steel stamped shapes for uniformity.
- High neck collars for solid connection.
- Removable inner core.
- Face panel is virtually flush with the ceiling line.
- Face panel is double - skinned for rigidity and strength and features a hemmed edge for professional finished.
- With 2 cones in all sizes, the diffusers give uniform appearances.
- Unique neck bracketry is virtually invisible from most angles.
- An optional radial opposed blade damper with an operating arm to adjust the damper without removing the core is available.

Material : Heavy gauge, corrosion resistant.
Finished : White polyester powder coating.



ESCOFLOW[®]

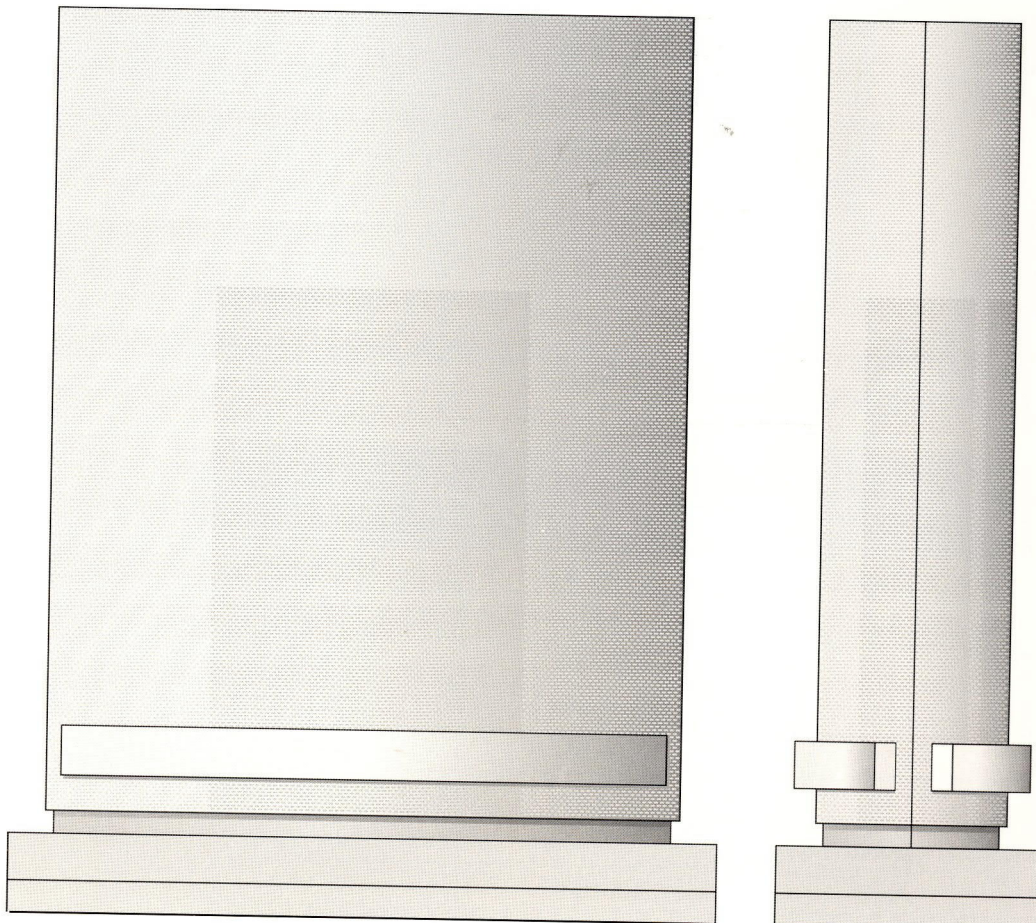
FLOWRATE AIR CONTROLLER

DISPLACEMENT DIFFUSER LOW VELOCITY

Escoflow displacement diffuser low velocity is high quality solution for efficient air distribution and a comfortable indoor climate. It is an ideal solution for areas where large air volumes at low velocities are required.

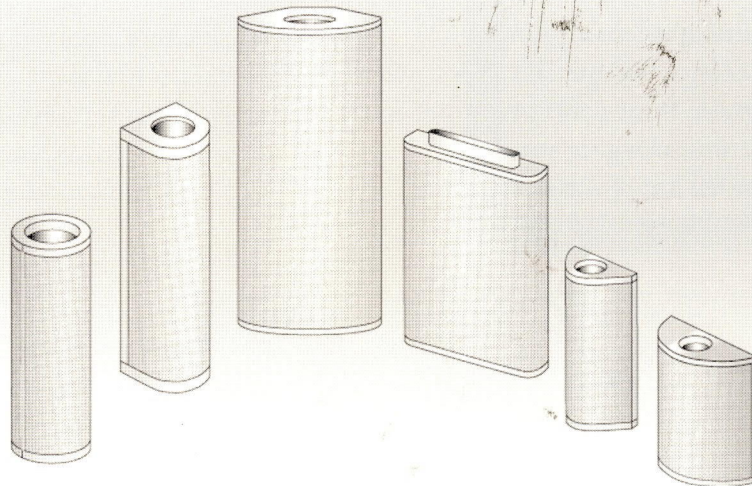
EFD-RANGE PROVIDES

- Low sound levels.
- Uniform and even air flow over the entire surface area.
- Large draught-free air flow.
- Maintenance free metallic construction.
- Detachable front panel providing access to duct work.
- Robust non-clogging structure.
- Large selection of accessories.



DISPLACEMENT DIFFUSER LOW VELOCITY

ESCO FLOW In low velocity units there are various geometric cross sections available, but the main operation principle is the same in all units. There is a plenum chamber with perforated face plate to provide low velocity air supply. The object is to achieve uniform velocity across the entire face area. Our system utilises simple mechanical air distribution without any nozzles or expanded foam filters.



The recommended air flow rate per unit depends on the use of the space, the location of the units and comfort criteria.

| PRODUCT SELECTION - RECOMMENDATIONS | | |
|--|---------------|------------------------|
| NOMINAL SIZE | FLOW RATE PER | FLOOR AREA PER |
| (Ø mm) | UNIT (l/s) | UNIT (m ²) |
| 160 | -80 | 10-30 |
| 200 | 70-150 | 10-50 |
| 250 | 100-200 | 15-60 |
| 315 | 200-400 | 20-70 |
| 400 | 250-500 | 30-100 |
| 500 | 400-800 | 40-150 |
| 630 | 600-1300 | 50-170 |

PROJECT REFERENCE

GRILLE & DIFFUSER "ESCOFLOW"

- PTT Exploration and Production Public company limited Building
- Shinawatra Tower III
- Thammasat University Sports Complex
- The Communications Authority of Thailand (Bangrak)
- Dhana Siam securities company limited Building
- IFCT finance and securities public company limited Building
- Chulabhorn Research Institute
- King Mongkut's University of Technology Thonburi Library Building
- Saint Louis hospital
- U-Tapao Airport
- BTSC Maintenance Building
- Mandalay Airport
- Multi Purpose Complex (Muang Tong Thani)
- R.O.C. Administration Building
- General Motor Rayong
- Uni-Lever Manufacturing
- The Mall Department Store
- Emporium The Ultimate Shopping Complex
- Tesco Lotus Super center
- Carrefour Super center