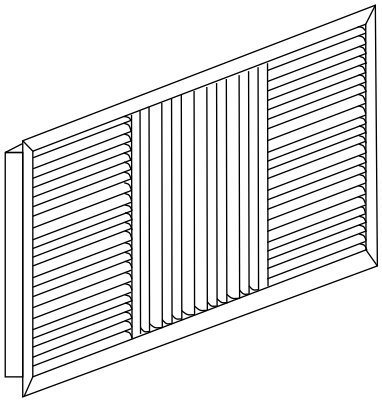
CAB



Adjustable Blade

- Further versatility is added to the diffuser range by way of adjustable blades.
- A similar range of blow patterns as for fixed ceiling diffusers are available.
- Adjustable blades allows ultimate control in the direction of flows.

Features

- All Aluminium construction offers exceptional quality and performance.
- Light in weight yet strong and durable.
- Wide range of sizes, both square and rectangular.
- Other finishes available upon request.
- Complete selection data to ensure quiet, draft less air distribution.
- Tested and rated in accordance with specifications.

Air Flow

- The performance data which follows permits quick, easy and accurate selection of diffusers.
- Two groups of data are required for selection.
- The first group is that established by the structural and room-use considerations.
- The second group consists of the performance characteristics of the diffusers.
- Consider first the spaces which are to be conditioned and their effects upon outlet selection.

NC Level

- The permissible sound level in each space may be specified by the owner or the architect, or it may be determined as an engineering design goal. Table 1 contains an abbreviated list of design goals for air-conditioning sound control in common occupancies.

NC Range	Communication Tel.	Communication Voice	Typical Application
20-25	Excel	9-15m	Church Sanctuary, Concert & Opera Halls, Sound Reproduction Studios
25-30	Excel	6.0-12m	Legitimate Theaters, Board Rooms
30-35	Good	3.0-9m	Private Office, Ball Rooms, Movie Theaters
35-40	Fair	1.8-4m	Public Libraries, Building Lobbies, General Office
40-45	Fair	1.2-3m	Halls & Corridors, Cafeterias
45-50	Poor	1-2m	Supermarkets, Department stores, Restaurant Kitchens
Over 50	Very Poor	0.3-0.6m	Manufacturing Areas

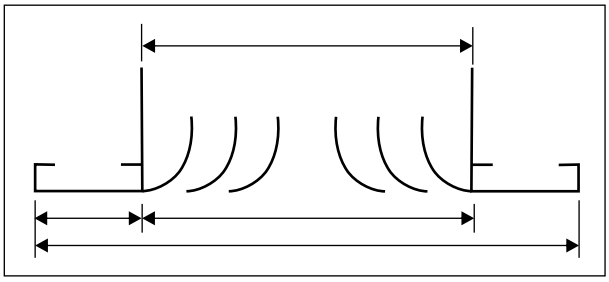
Pattern Requirement

- The pattern requirement is determined by the shape of the space to be conditioned, the number of diffusers in it, and the type and location of lighting fixtures or other devices mounted on the ceiling.
- For example a two-way opposite 2A, 2B or 2C - might be used in a corridor.
- A larger area can often be divided into squares or rectangles of nearly equal size and, if a diffuser can be located in the center of each of these areas, patterns 4A or 4B could be used for four-way delivery.

Throw Requirement

- The required throw is determined from the building plan after the diffuser location has been decided.
- The throw requirement is the distance from the diffuser to the nearest enclosing wall. In some cases the throw requirement will be the distance from the diffuser to the intersection of its air stream with air being delivered from another diffuser.
- For high ceiling applications, the throw requirement may be measured as the horizontal distance described above plus the vertical distance from the diffuser to occupied zone. This is usually considered to extend to the 1,5m level in the room.
- Another consideration is diffuser mounting height. As air travels from a diffuser, room air is entrained into the supply air stream and the delivery pattern thickens. If the throw requirement is too great, the lower part of the supply air stream can intrude into the occupied zone of the conditioned space.
- To avoid this, diffusers should be located so that the throw requirement is no greater than 1.5 times the diffuser mounting height.
- For example, in a space with a 3.6m ceiling height diffusers should be so located and in such numbers that the required throw of any one diffuser Vi/auld not exceed 5.5m.
- The final consideration is the pressure loss of the diffuser.

CAB



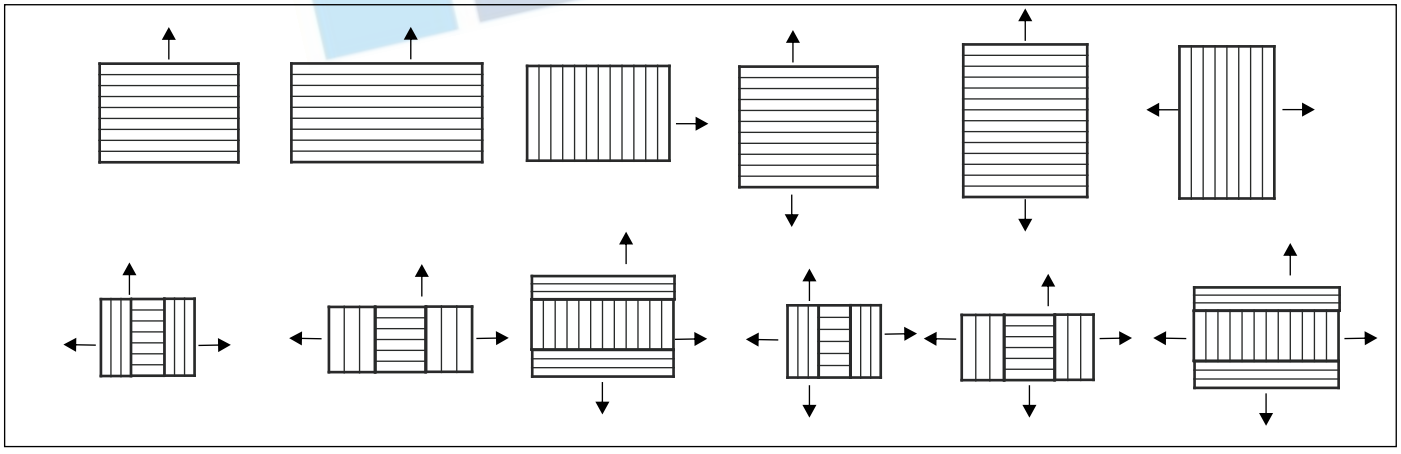
Accessories: PCS = Punched Counter Sunk Holes
OBD = Opposed Blade Damper
PB = Plenum Box with spigot
CP = Ceiling Plate

Frame Options: 30mm Standard
20mm
50mm
ON = Over Neck
OS = Over flange
OP = Opening or Normal Duct size

Finish Options: NA = Natural Anodised Aluminium

Blade Spacings: 19mm Standard

Ceiling Diffuser available in a choice of Air Distribution Patterns
Note: H1 is always longer than H2
All Flow Patterns are given looking at difuser face.



Ordering procedure: Example

Ref	Qty	Size (L x H)	Type	Finish	Special Instructions
1	10	595 X 595	CP	NA	TO SUIT 381 x 381CD-SF

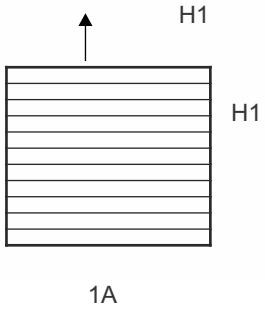
Note:
(1) Dimensions given are for over Flange size
(2) Type CAB Core 2A indicates CAB with two way blow

CAB Selection Data

General Notes on Selections

*Total volume means total volume per outlet - m³/sec
*Throw min-max is to a terminal velocity of 0.64 m/s minimum throw and 0.031 m/s at maximum throw.
*Volume H1+H2 means volume per respective side.
*H1 is always larger than H2, except on type 3A where H1=H2.
*Noise (NC) level.
A = 0 - 30
B = 31 - 35
C = 36 - 40
D = 41 - 45

Size mm For Area	Velocity m/s Pressure Drop N/m²	0.236 4.98	0.283 4.98	0.330 7.47	0.377 9.96	0.425 12.45	0.472 14.94	0.566 22.41	0.660 29.88	0.755 39.84
152 x 152 0.023	Total Volume m³/s Trow Min-Max m Noise Level	0.021 1.52-2.19 A	0.026 1.83-2.44 A	0.031 2.14-2.75 A	0.035 2.14-3.05 A	0.038 2.44-3.36 A	0.042 2.75-3.66 A	0.052 3.05-4.58 A	0.059 3.66-5.49 B	0.068 4.27-6.10 C
203 x 203 0.041	Total Volume m³/s Trow Min-Max m Noise Level	0.038 1.83-2.75 A	0.045 2.44-3.08 A	0.052 2.75-3.66 A	0.059 2.75-4.27 A	0.066 3.05-4.58 A	0.073 3.66-5.19 A	0.087 3.97-6.10 A	0.104 4.88-7.02 B	0.118 5.47-7.95 C
254 x 254 0.065	Total Volume m³/s Trow Min-Max m Noise Level	0.057 2.44-3.36 A	0.068 3.05-3.97 A	0.08 3.36-4.58 A	0.092 3.66-5.19 A	0.104 3.97-5.86 A	0.117 4.88-6.41 A	0.139 5.19-7.63 B	0.163 6.10-8.85 B	0.186 7.02-10.07 D
305 x 305 0.093	Total Volume m³/s Trow Min-Max m Noise Level	0.083 3.05-3.97 A	0.099 3.65-4.58 A	0.116 4.27-5.19 A	0.132 4.58-6.10 A	0.149 4.88-7.08 A	0.165 5.99-7.63 A	0.198 6.10-9.15 B	0.231 7.32-10.68 B	0.264 8.24-11.90 D
356 x 356 0.127	Total Volume m³/s Trow Min-Max m Noise Level	0.133 3.66-4.58 A	0.135 4.27-5.41 A	0.158 4.88-6.10 A	0.179 5.19-7.32 A	0.201 5.49-8.24 A	0.224 6.10-8.85 A	0.269 4.88-7.02 B	0.314 8.54-12.20 B	0.359 9.76-14.03 D
406 x 406 0.165	Total Volume m³/s Trow Min-Max m Noise Level	0.146 3.97-5.19 A	0.177 4.88-6.10 A	0.205 5.49-7.02 A	0.236 5.80-8.24 A	0.267 6.41-9.15 A	0.295 7.52-10.37 A	0.354 7.93-12.20 B	0.413 9.76-14.03 B	0.472 11.29-16.17 D
457 x 457 0.209	Total Volume m³/s Trow Min-Max m Noise Level	0.189 4.58-5.80 A	0.227 5.49-6.71 A	0.264 6.10-7.93 A	0.302 6.71-9.15 A	0.34 7.32-10.37 A	0.378 8.24-11.59 A	0.453 9.46-13.73 B	0.529 11.29-16.17 B	0.602 12.81-18.30 D
508 x 508 0.258	Total Volume m³/s Trow Min-Max m Noise Level	0.231 5.18-6.41 A	0.276 6.10-7.63 A	0.323 7.02-8.85 A	0.368 7.32-10.37 A	0.415 7.93-11.69 A	0.463 8.85-12.81 A	0.555 10.07-15.95 B	0.647 12.51-17.69 C	0.739 14.03-20.13 D
559 x 559 0.312	Total Volume m³/s Trow Min-Max m Noise Level	0.283 5.49-7.02 A	0.34 6.71-8.54 A	0.396 7.63-9.76 A	0.453 8.24-11.29 A	0.51 8.85-12.81 A	0.566 10.07-14.83 B	0.686 10.98-16.78 C	0.793 13.42-19.52 D	
610 x 610 0.372	Total Volume m³/s Trow Min-Max m Noise Level	0.34 6.10-7.83 A	0.408 7.32-9.86 A	0.481 8.59-10.68 A	0.548 9.15-12.51 A	0.611 9.76-14.03 A	0.680 10.98-15.56 B	0.817 12.20-18.30 C	14.	
762 x 762 0.581	Total Volume m³/s Trow Min-Max m Noise Level	0.519 7.63-9.46 A	0.623 9.15-11.53 A	0.727 10.37-13.92 A	0.831 11.29-15.25 A	0.935 11.90-17.39 B	1.038 13.42-19.22 C	1.251 14.95-22.57 D		
864 x 864 746	Total Volume m³/s Trow Min-Max m Noise Level	0.614 8.24-10.37 A	0.736 9.76-12.51 A	0.812 11.28-14.64 A	0.982 12.20-16.78 A	1.104 13.12-18.91 B	1.229 14.64-20.79 C			
914 x 914 0.835	Total Volume m³/s Trow Min-Max m Noise Level	0.755 9.15-11.59 A	0.966 10.68-14.03 A	1.057 12.20-16.17 A	1.204 13.73-18.61 A	1.355 14.95-21.08 B	1.51 16378-23.18 C			
1067 x 1067 1.139	Total Volume m³/s Trow Min-Max m Noise Level	1.024 10.68-13.47 A	1.232 12.81-16.17 A	1.435 14.64-18.61 A	1.643 15.86-21.66 B					
1168 x 1168 1.36	Total Volume m³/s Trow Min-Max m Noise Level	1.227 11.59-14.95 A	1.473 14.03-11.69 A	1.713 16.17-20.99 A						

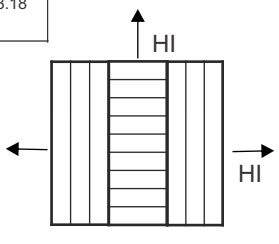


1A

CAB Selection Data

*Selection of curved adjustable blade grille is based upon throw and m³/s requirements. The throw, m³/s and pressure drop apply when the individual blades are adjusted in the manner illustrated below. Other blade settings will provide significantly different throws and air deliveries.
*The m³/s tabulated is the volume delivered by the grille. Balancing of curved blade is accomplished by measuring face velocity. The measured velocity can be correlated to tabulated face velocity and m³/s when the blades adjustment is that as illustrated.
*The performance of rectangular grilles with areas equal to square grilles, will be the same.

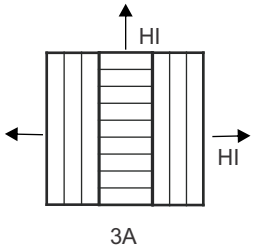
Size mm For Area	Velocity m/s Pressure Drop N/m²	0.236 4.98	0.283 4.98	0.330 7.47	0.377 9.96	0.425 12.45	0.472 14.94	0.566 22.41	0.660 29.88	0.755 39.84
152 x 152 0.023	Total Volume m³/s Trow Min-Max m Noise Level	0.021 0.92-1.22 A	0.026 1.22-1.53 A	0.031 1.22-1.83 A	0.035 1.53-2.14 A	0.038 1.53-2.14 A	0.042 1.85-2.44 A	0.052 2.14-3.05 A	0.059 2.44-3.66 B	0.068 3.05-3.91 C
203 x 203 0.041	Total Volume m³/s Trow Min-Max m Noise Level	0.038 1.22-1.83 A	0.045 1.53-2.14 A	0.052 1.83-2.44 A	0.059 2.14-2.75 A	0.066 2.14-2.05 A	0.073 2.44-3.36 A	0.087 2.75-3.97 A	0.104 3.36-4.88 B	0.118 3.97-5.49 C
254 x 254 0.065	Total Volume m³/s Trow Min-Max m Noise Level	0.057 1.53-2.19 A	0.068 1.83-2.44 A	0.08 2.14-3.05 A	0.092 2.44-3.36 A	0.104 2.75-3.66 A	0.117 3.03-4.29 A	0.139 3.66-5.19 B	0.163 4.27-6.10 B	0.186 4.88-6.71 D
305 x 305 0.093	Total Volume m³/s Trow Min-Max m Noise Level	0.083 1.85-2.75 A	0.099 2.14-3.05 A	0.116 3.76-3.66 A	0.132 3.05-3.92 A	0.149 3.36-4.58 A	0.165 3.66-5.19 A	0.198 4.27-6.10 B	0.231 5.19-7.02 B	0.264 5.80-7.93 D
356 x 356 0.127	Total Volume m³/s Trow Min-Max m Noise Level	0.133 2.14-3.05 A	0.135 2.75-3.66 A	0.158 3.05-4.27 A	0.179 3.36-4.88 A	0.201 3.66-5.19 A	0.224 4.27-5.80 A	0.269 4.88-7.02 B	0.314 5.80-8.24 B	0.359 6.71-9.46 D
406 x 406 0.165	Total Volume m³/s Trow Min-Max m Noise Level	0.146 2.44-3.16 A	0.177 3.05-3.97 A	0.205 3.66-4.88 A	0.236 3.97-5.49 A	0.267 4.27-5.80 A	0.295 4.88-6.71 A	0.354 5.80-8.24 B	0.413 6.71-9.96 B	0.472 7.63-10.68 D
457 x 457 0.209	Total Volume m³/s Trow Min-Max m Noise Level	0.189 2.75-3.97 A	0.227 3.36-4.58 A	0.264 3.97-5.49 A	0.302 4.27-6.10 A	0.34 4.88-6.71 A	0.378 5.49-7.65 A	0.453 6.41-9.15 B	0.529 7.65-10.68 B	0.602 8.85-12.20 D
508 x 508 0.258	Total Volume m³/s Trow Min-Max m Noise Level	0.231 3.05-4.27 A	0.276 3.66-5.19 A	0.323 4.27-6.10 A	0.368 4.88-6.71 A	0.415 5.49-7.32 A	0.463 6.10-8.54 A	0.555 7.02-10.07 B	0.647 8.54-11.90 C	0.739 9.76-13.92 D
559 x 559 0.312	Total Volume m³/s Trow Min-Max m Noise Level	0.283 5.49-7.02 A	0.34 6.71-8.54 A	0.396 4.88-6.71 A	0.453 5.19-7.63 A	0.51 6.10-8.24 A	0.566 6.71-9.15 B	0.686 7.93-11.89 C	0.793 9.46-13.12 D	0.909 10.69-14.93 D
610 x 610 0.372	Total Volume m³/s Trow Min-Max m Noise Level	0.34 3.66-5.49 A	0.408 4.58-6.10 A	0.481 5.19-7.32 A	0.548 5.80-8.24 A	0.611 6.71-9.15 A	0.680 7.32-10.07 B	0.817 8.54-12.20 C	0.953 10.37-14.34 D	1.086 11.90-16.97 D
762 x 762 0.581	Total Volume m³/s Trow Min-Max m Noise Level	0.519 4.58-6.71 A	0.623 5.49-7.63 A	0.727 6.41-9.15 A	0.831 7.02-10.07 A	0.935 7.93-10.98 B	1.038 9.15-12.51 C	1.251 10.68-15.23 D	1.458 12.51-17.69 D	1.671 14.69-20.13 D
864 x 864 746	Total Volume m³/s Trow Min-Max m Noise Level	0.614 4.88-7.32 A	0.736 6.10-8.24 A	0.812 7.32-9.76 A	0.982 7.63-10.98 A	1.104 8.85-12.20 B	1.229 10.07-13.73 C	1.473 11.59-16.47 D	1.728 13.73-19.52 D	1.964 15.78-21.86 D
914 x 914 0.835	Total Volume m³/s Trow Min-Max m Noise Level	0.755 5.49-7.93 A	0.966 6.71-9.15 A	1.057 7.93-10.98 A	1.204 8.54-12.20 A	1.355 9.76-13.42 B	1.51 10.96-15.25 C	1.812 12.81-18.30 D	2.115 15.25-21.66 C	
1067 x 1067 1.139	Total Volume m³/s Trow Min-Max m Noise Level	1.024 6.41-9.15 A	1.232 7.45-10.68 A	1.435 9.15-12.81 A	1.643 10.07-14.39 B	1.850 11.88-15.56	2.053 12.81-17.69	2.466 14.95-21.35		
1168 x 1168 1.36	Total Volume m³/s Trow Min-Max m Noise Level	1.227 7.02-10.07 A	1.473 8.54-11.59 A	1.713 10.07-14.13 A	1.959 10.98-15.56 B	2.207 12.51-17.08 C	2.454 14.03-129.22 D	2.945 16.47-23.18 D		
1219 x 1219 1.49	Total Volume m³/s Trow Min-Max m Noise Level	1.345 7.63-11.68 A	1.614 9.15-12.51 A	1.879 10.68-14.69 B	2.148 11.90-16.47 C	2.421 13.80-18.30 D	2.690 14.95-20.44 B			



3A

CAB Selection Data

Size mm For Area	Velocity m/s Pressure Drop N/m²	0.236 4.98	0.283 4.98	0.330 7.47	0.377 9.96	0.425 12.45	0.472 14.94	0.566 22.41	0.660 29.88	0.755 39.84
152 x 152 0.023	Total Volume m³/s Trow Min-Max m Noise Level	0.021 0.61-1.22 A	0.026 0.92-1.22 A	0.031 1.92-1.53 A	0.035 1.22-1.53 A	0.038 1.53-1.83 A	0.042 1.53-2.14 A	0.052 1.83-2.44 A	0.059 1.83-3.05 B	0.068 2.14-3.66 C
203 x 203 0.041	Total Volume m³/s Trow Min-Max m Noise Level	0.038 0.92-1.53 A	0.045 0.92-1.83 A	0.052 1.22-2.14 A	0.059 1.53-2.44 A	0.066 1.83-2.75 A	0.073 2.14-3.05 A	0.087 2.44-3.66 A	0.104 2.75-4.27 B	0.118 3.05-4.58 C
254 x 254 0.065	Total Volume m³/s Trow Min-Max m Noise Level	0.057 1.22-1.83 A	0.068 1.22-2.14 A	0.08 1.53-2.75 A	0.092 1.83-3.05 A	0.104 2.14-3.66 A	0.117 2.44-3.97 A	0.139 3.05-4.58 B	0.163 3.36-5.49 B	0.186 3.97-6.10 D
305 x 305 0.093	Total Volume m³/s Trow Min-Max m Noise Level	0.083 1.22-2.44 A	0.099 1.53-2.75 A	0.116 2.14-3.36 A	0.132 2.14-3.66 A	0.149 2.44-4.21 A	0.165 3.05-4.58 A	0.198 3.66-5.49 B	0.231 3.97-6.41 B	0.264 4.58-7.32 D
356 x 356 0.127	Total Volume m³/s Trow Min-Max m Noise Level	0.133 1.53-2.75 A	0.135 1.83-3.36 A	0.158 2.44-3.97 A	0.179 2.75-4.58 A	0.201 3.05-4.88 A	0.224 3.36-5.49 A	0.269 3.97-6.41 B	0.314 4.58-7.63 C	0.359 5.12-8.24 D
406 x 406 0.165	Total Volume m³/s Trow Min-Max m Noise Level	0.146 1.83-3.05 A	0.177 2.14-3.66 A	0.205 2.75-4.27 A	0.236 3.05-4.88 A	0.267 3.36-5.99 A	0.295 3.97-6.41 A	0.354 4.58-7.32 B	0.413 5.19-8.54 C	0.472 6.10-9.76 D
457 x 457 0.209	Total Volume m³/s Trow Min-Max m Noise Level	0.189 2.14-3.66 A	0.227 2.44-4.27 A	0.264 3.05-4.88 A	0.302 3.36-5.49 A	0.34 3.97-6.41 A	0.378 4.58-7.32 A	0.453 5.19-8.24 B	0.529 6.10-9.76 B	0.602 7.02-10.98 D
508 x 508 0.258	Total Volume m³/s Trow Min-Max m Noise Level	0.231 2.44-3.92 A	0.276 2.75-4.58 A	0.323 3.36-5.19 A	0.368 3.97-6.10 A	0.415 4.27-6.91 A	0.463 4.58-7.93 A	0.555 5.49-8.85 B	0.647 6.71-10.27 C	0.739 7.63-11.90 D
559 x 559 0.312	Total Volume m³/s Trow Min-Max m Noise Level	0.283 2.75-4.27 A	0.34 3.36-.88 A	0.396 5.16-6.10 A	0.453 3.97-6.71 A	0.51 4.58-7.63 A	0.566 5.19-8.54 B	0.686 6.41-10.01 C	0.793 7.32-12.20 D	0.909 8.54-13.12 D
610 x 610 0.372	Total Volume m³/s Trow Min-Max m Noise Level	0.34 3.05-4.58 A	0.408 3.66-5.49 A	0.481 3.97-6.71 A	0.548 4.58-7.32 A	0.611 5.19-8.24 A	0.680 5.80-9.46 B	0.817 7.02-10.98 C	0.953 8.24-12.81 D	1.086 9.46-14.64 D
762 x 762 0.581	Total Volume m³/s Trow Min-Max m Noise Level	0.519 3.66-5.80 A	0.623 4.27-6.71 A	0.727 4.88-7.93 A	0.831 5.49-9.15 A	0.935 7.93-10.98 B	1.038 7.02-11.59 C	1.251 8.54-13.73 D	1.458 9.76-15.86 D	1.671 11.59-18.00 D
864 x 864 746	Total Volume m³/s Trow Min-Max m Noise Level	0.614 3.97-6.41 A	0.736 4.58-7.32 A	0.812 5.49-8.85 A	0.982 6.10-9.76 A	1.104 8.85-12.20 B	1.229 7.63-12.51 C	1.473 9.46-14.69 D	1.728 10.65-17.38 D	1.964 12.51-19.52 D
914 x 914 0.835	Total Volume m³/s Trow Min-Max m Noise Level	0.755 4.27-6.71 A	0.966 5.19-7.93 A	1.057 6.10-9.46 A	1.204 6.71-10.58 A	1.355 7.63-12.20 B	1.51 8.85-14.03 C	1.812 10.07-16.47 D	2.115 12.20-19.22 D	2.426 13.73-21.66 D
1067 x 1067 1.139	Total Volume m³/s Trow Min-Max m Noise Level	1.024 4.88-8.24 A	1.232 6.10-9.46 A	1.435 6.71-11.29 A	1.643 7.93-12.81 B	1.850 8.85-14.39 C	2.053 10.07-16.47 D	2.466 11.90-19.22 D	2.879 14.03-22.37 D	
1168 x 1168 1.36	Total Volume m³/s Trow Min-Max m Noise Level	1.227 5.49-8.85 A	1.473 6.71-10.37 A	1.713 7.63-12.20 A	1.959 8.54-14.34 B	2.207 9.46-15.56 C	2.454 10.98-17.69 D	2.945 13.12-20.74 D		
1219 x 1219 1.49	Total Volume m³/s Trow Min-Max m Noise Level	1.345 5.80-9.46 A	1.614 7.02-10.98 A	1.879 7.93-12.81 B	2.148 9.15-14.95 C	2.421 10.07-16.47 D	2.690 11.59-18.61 D	3.233 13.73-21.96 D		



3A

CAB Selection Data

Size mm For Area	Velocity m/s Pressure Drop N/m²	0.236 4.98	0.283 4.98	0.330 7.47	0.377 9.96	0.425 12.45	0.472 14.94	0.566 22.41	0.660 29.88	0.755 39.84
152 x 152 0.023	Total Volume m³/s Trow Min-Max m Noise Level	0.021 0.61-0.92 A	0.026 0.92-1.22 A	0.031 0.42-1.53 A	0.035 1.22-1.53 A	0.038 1.22-1.83 A	0.042 1.53-1.83 A	0.052 1.53-1.83 A	0.059 1.83-2.75 B	0.068 2.19-3.05 C
203 x 203 0.041	Total Volume m³/s Trow Min-Max m Noise Level	0.038 0.92-11.22 A	0.045 1.22-1.85 A	0.052 1.22-2.14 A	0.059 1.53-2.44 A	0.066 1.85-2.75 A	0.073 2.14-2.75 A	0.087 2.44-3.05 A	0.104 2.44-3.66 B	0.118 2.25-3.92 C
254 x 254 0.065	Total Volume m³/s Trow Min-Max m Noise Level	0.057 1.22-1.53 A	0.068 1.53-2.14 A	0.08 1.53-2.44 A	0.092 1.83-2.75 A	0.104 2.14-3.08 A	0.117 2.44-3.36 A	0.139 2.75-3.97 B	0.163 3.05-4.58 C	0.186 3.66-5.19 D
305 x 305 0.093	Total Volume m³/s Trow Min-Max m Noise Level	0.083 1.22-1.85 A	0.099 1.33-2.44 A	0.116 1.83-2.75 A	0.132 2.14-3.05 A	0.149 2.44-3.36 A	0.165 2.75-3.97 A	0.198 3.05-4.58 B	0.231 3.66-5.19 B	0.264 4.27-6.10 D
356 x 356 0.127	Total Volume m³/s Trow Min-Max m Noise Level	0.133 1.53-2.14 A	0.135 1.83-2.75 A	0.158 2.14-3.05 A	0.179 2.44-3.36 A	0.201 2.75-3.97 A	0.224 3.05-4.58 A	0.269 3.65-5.19 B	0.314 4.27-6.10 C	0.359 4.88-7.02 D
406 x 406 0.165	Total Volume m³/s Trow Min-Max m Noise Level	0.146 1.83-2.44 A	0.177 2.14-3.05 A	0.205 2.49-3.36 A	0.236 2.75-3.97 A	0.267 3.36-4.58 A	0.295 3.66-5.19 A	0.354 4.27-6.10 B	0.413 4.88-7.02 C	0.472 5.80-7.95 D
457 x 457 0.209	Total Volume m³/s Trow Min-Max m Noise Level	0.189 2.14-2.75 A	0.227 2.44-3.36 A	0.264 2.75-3.97 A	0.302 3.36-4.58 A	0.34 3.66-5.19 A	0.378 3.97-5.80 A	0.453 4.88-6.71 B	0.529 5.49-7.93 C	0.602 6.41-9.15 D
508 x 508 0.258	Total Volume m³/s Trow Min-Max m Noise Level	0.231 2.14-3.05 A	0.276 2.75-3.66 A	0.323 3.05-4.27 A	0.368 3.66-4.88 A	0.415 3.97-5.49 A	0.463 4.27-6.10 A	0.555 5.19-7.32 B	0.647 6.10-8.54 C	0.739 7.02-9.26 D
559 x 559 0.312	Total Volume m³/s Trow Min-Max m Noise Level	0.283 2.44-3.66 A	0.34 3.05-4.27 A	0.396 3.36-4.88 A	0.453 3.97-5.49 A	0.51 4.58-6.10 A	0.566 4.88-7.02 A	0.686 5.80-8.54 B	0.793 6.71-9.76 C	0.909 7.93-10.98 D
610 x 610 0.372	Total Volume m³/s Trow Min-Max m Noise Level	0.34 2.75-3.97 A	0.408 3.36-4.58 A	0.481 3.66-5.19 A	0.548 4.27-6.10 A	0.611 4.88-6.71 A	0.680 5.49-7.63 A	0.817 6.91-9.15 B	0.953 7.63-10.68 C	1.086 8.54-12.20 D
762 x 762 0.581	Total Volume m³/s Trow Min-Max m Noise Level	0.519 3.36-4.88 A	0.623 3.97-5.80 A	0.727 4.88-6.41 A	0.831 5.18-7.32 A	0.935 6.10-8.24 A	1.038 6.71-9.86 B	1.251 7.93-11.29 C	1.458 9.15-13.92 D	1.671 10.68-14.95 D
864 x 864 746	Total Volume m³/s Trow Min-Max m Noise Level	0.614 3.66-5.19 A	0.736 4.27-6.10 A	0.812 4.88-7.02 A	0.982 5.80-7.93 A	1.104 6.71-9.15 B	1.227 7.32-10.37 C	1.473 8.54-12.51 D	1.728 10.07-14.34 D	1.964 11.59-16.17 D
914 x 914 0.835	Total Volume m³/s Trow Min-Max m Noise Level	0.755 4.27-5.80 A	0.966 4.88-7.02 A	1.057 5.49-7.93 A	1.204 6.41-8.85 A	1.355 7.32-10.07 B	1.51 7.93-11.28 C	1.812 9.76-13.73 D	2.115 11.29-15.86 D	2.426 12.81-18.10 D
1067 x 1067 1.139	Total Volume m³/s Trow Min-Max m Noise Level	1.024 4.88-6.71 A	1.232 5.49-7.93 A	1.435 6.41-9.15 A	1.643 7.64-10.37 B	1.850 8.54-11.59 C	2.053 9.15-13.92 D	2.466 10.98-15.86 D	2.879 13.12-18.61 D	3.280 14.95-21.05 D
1168 x 1168 1.36	Total Volume m³/s Trow Min-Max m Noise Level	1.227 5.19-7.32 A	1.473 6.10-8.85 A	1.713 7.02-10.07 A	1.959 5.24-11.29 B	2.207 9.15-12.81 C	2.454 10.07-14.64 D	2.945 12.20-17.39 D	3.446 14.34-20.99 D	3.941 16.12-23.18 D
1219 x 1219 1.49	Total Volume m³/s Trow Min-Max m Noise Level	1.345 5.47-7.63 A	1.614 6.91-9.15 A	1.879 7.32-10.37 B	2.148 8.54-11.90 C	2.421 9.7-15.25 D	2.690 10.68-13.25 D	3.233 12.81-18.30 D	3.776 14.93-21.35 D