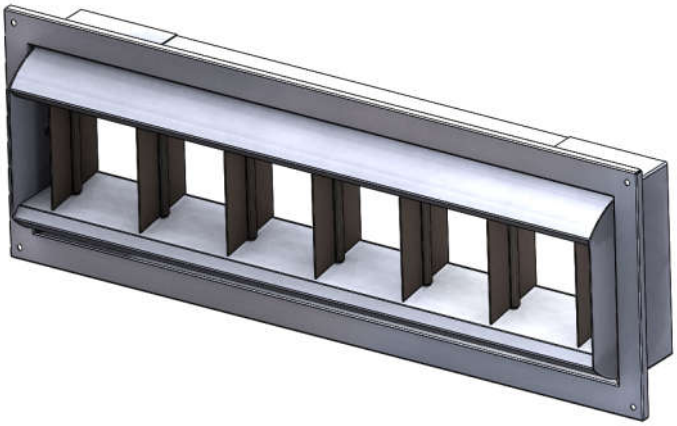
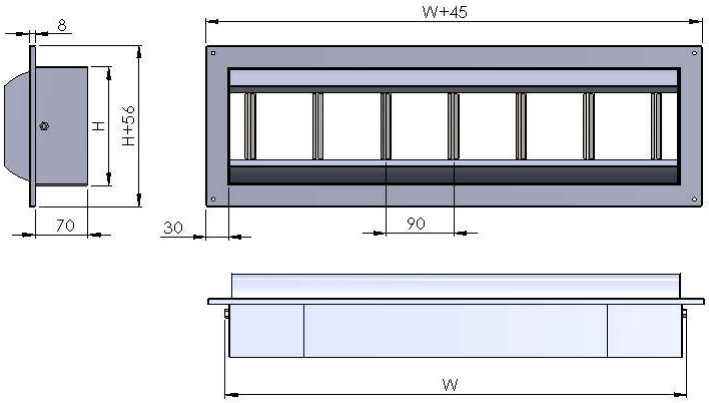
Drum Jet Diffuser
Type: DJ-SS

SPECIALIST VENTILATION SERVICES Ltd





APPLICATION:

The DJ-SS type Drum Jet Diffusers are commonly used in high level open plan areas such as warehouses, factories, shopping malls, supermarkets, swimming pools and sports centres etc.
They have been specifically designed to introduce comfort conditioned air into the space at high level very efficiently.

FEATURES:

The "Higher Volume, Long Throw" concept of type DJ diffusers means that distribution ductwork is kept to a minimum.
The DJ provides a very neat aesthetic appearance when semi-flush mounted into a high ceiling, wall or exposed ventilation ducts.

The main body of the diffuser is fully adjustable through 45 deg up and 45 deg down as well as having individual adjustment of each of the internal blades. This helps to spread or concentrate the airsrteam if required for a wider shorter or longer narrower throw.

STANDARD:

Our standard construction is of 304 grade Stainless Steel with a brush or satin finish known as Dull Polish for the Frame & Drum.
The blades are manufactured from mill finish material.

MATERIALS:

Stainless Steel 304 or 316 DP1 marine grade with a minimum thickness of 1mm depending on diffuser dimensions.

CONSTRUCTION:

Pressed formed frame & diffuser blades with spindle supports.
Alternative materials and thicknesses are available.

ALTERNATIVE FINISH:

Polyester Powder Coated. (for mild steel or Aluminum option)
Mill finish Stainless Steel.
Polished Stainless Steel.
Polished Brass.
Various Ionbond colour treatments for stainless steel options.

OPTIONS:

Volume control damper. Type V
Fire dampers. Type FD
Drum Jet Housings. Type H
Equalising Baffles. Type EB

Size	Nom Dim's	W	H	Opening Sizes
3015	300 x 150	315	158	320 x 163
6015	600 x 150	615	"	620 "
9015	900 x 150	915	"	920 "
3020	300 x 200	315	208	320 x 213
6020	600 x 200	615	"	620 "
9020	900 x 200	915	"	920 "
6025	600 x 250	615	258	620 x 263
9025	900 x 250	915	"	920 "
12025	1200 x 250	1215	"	1220 "

MODULAR SIZES

Due to the flexible manufacturing process it is possible create modular or alternative sizes where required.
Modular units i.e more than one drum per frame, allows even more flexibility in terms of air distribution patterns. For example 2 drums in one frame, the left drum could be angled up and the right angled down.

PERFORMANCE

Width	L/s	100	200	300	400	500	600	700	800	1000	1200
2215	Throw	4	16								
	Pa	24	96								
	dB(A)	15	27								
3015	Throw	3	10	24							
	Pa	12	48	120							
	dB(A)		23	33							
6015	Throw		4	10	17	28	38				
	Pa		10	25	40	72	100				
	dB(A)		20	25	30	35	40				
6020	Throw			7	11	21	32				
	Pa			17	26	49	69				
	dB(A)			24	27	34	40				
9020	Throw			5	9	17	25	35			
	Pa			10	18	33	46	60			
	dB(A)			21	23	30	35	40			
6025	Throw			3	5	14	25	37	50		
	Pa			10	12	26	50	75	105		
	dB(A)			22	25	32	37	41	41		
9025	Throw				3.2	7.5	15	22	30		
	Pa					14	25	40	55		
	dB(A)					27	33	37	39		
12025	Throw						22	25	30	32	34
	Pa						10	15	20	33	40
	dB(A)							25	31	40	46