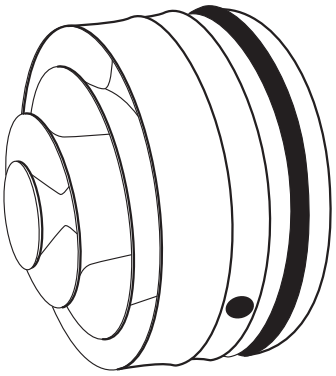


Multi-cone jet (JET/A)

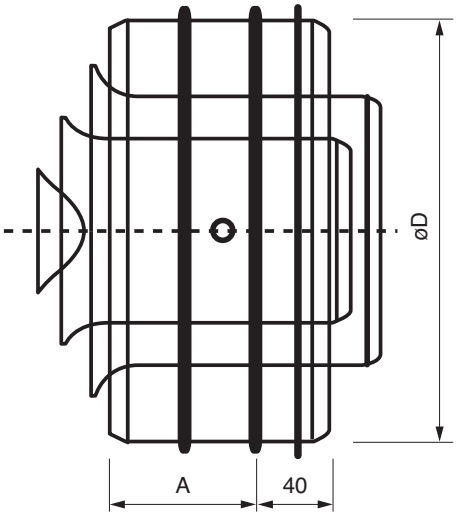
JET/A is used when a long throw length is required. JET/A is constructed with a cone unit that can be rotated through 360º. This is to obtain a long or a shorter throwlength. JET/A can also be turned in all directions in an angle up to 30º. Jet is mounted directly in the connection duct, or with a plenum box.

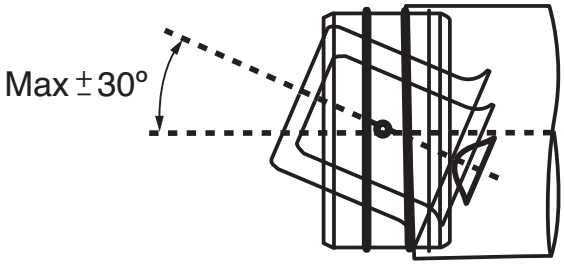
General Data
Unit sizes: ø200, ø250, ø315, ø400.
Airflow rates: 0.05 - 0.50m³/sec.

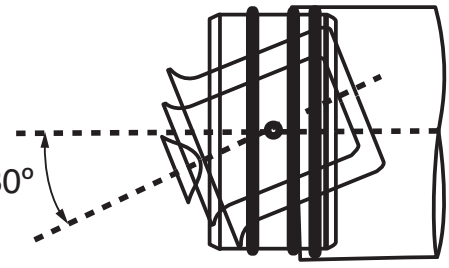
JET/A can be supplied as a single unit or in multiple unit configuration.

Cleaning
Remove the cone unit by taking out the bolts on the outside of the cylinder.

Dimensions







Ød Connecting dimension to the ductwork

Table 1. JET/A

Size	A	ØD
200	60	198
250	85	248
315	120	313
400	160	398

Performance data

Multi-cone jet JET/A

Throw
Data relating to the tabulated 'throw' dimension is based on 'free jet'' horizontal discharge of air at isothermal condition to a terminal velocity of 0.25m/sec.

Multiple units
In applications where multiple adjacent jets are used, then the throw lengths are increased as follows:

2 jets: 1.40 x throw length
3 jets: 1.70 x throw length
4 jets: 1.90 x throw length

Size	200				
	Throw Mts				
m³/sec	St	Pd	Ws	Pd	NC
0.04	8	8	6	10	
0.05	9	12	6	16	
0.06	11	18	8	23	20
0.08	15	32	11	42	28
0.10	19	49	13	64	33
0.15					
0.20					

Size	250				
	Throw Mts				
m³/sec	St	Pd	Ws	Pd	NC
0.04					
0.05					
0.06	9	10	6	13	
0.08	11	18	8	23	22
0.10	14	29	10	38	28
0.15	22	64	15	83	36
0.20					

Size	315				
	Throw Mts				
m³/sec	St	Pd	Ws	Pd	NC
0.10	11	8	8	10	
0.15	14	18	10	23	24
0.20	19	32	13	42	35
0.25	22	50	15	65	44
0.30	26	72	18	94	52
0.35					
0.40					
0.50					

Size	400				
	Throw Mts				
m³/sec	St	Pd	Ws	Pd	NC
0.10					
0.15	13	7	9	9	
0.20	16	13	11	17	22
0.25	18	20	13	26	31
0.30	21	29	15	38	38
0.35	23	38	16	49	44
0.40	25	50	18	65	49
0.50	30	79	21	103	56

St = Straight throw
Ws = Widespread throw
Pd = Pressure drop in Pascals
NC = Noise Criteria