



✿ JBS APPLICATION

JBS nozzles are designed for preference where the supply air from the diffuser has to travel a large distance to the occupied zone. JBS are commonly used at shopping malls, large halls, airports lobby, mosque and auditorium. Particularly when the supply air via ceiling diffuser is not possible to be reached. Here JBS nozzles are arranged in the side wall areas.

✿ JBS STANDARD CONSTRUCTION / FEATURES

JBS nozzle is made of solid aluminum material. The surface is phosphate treated with white (RAL9010) powder coated as standard.

The direction of the air stream can be easily adjusted by hand at site, the swivel movement is in the range of ± 30 degree. The aerodynamically efficient shape design of JBS nozzles results in low noise characteristics. For such reason, these nozzles also can be used in concert hall, theatre, museum etc. where noise is crucial.



✿ JBS OPTIONS

- Steel Plenum box with top or horizontal inlet.
- Other RAL colour are available.
- Multiple elements plate.

✿ JBS ORDER KEY INFORMATION

JBS - A - PBH

	Accessories	PBV- Plenum Box c/w vertical inlet, PBH- Plenum Box c/w Horizontal inlet
	Material	Aluminum (A)
	Model	JBS Jet Ball Spout Nozzle

✿ JBS PERFORMANCE DATA

Neck Size	Nozzle Vel. (FPM)	600	1000	1400	2000	2600	3000	3350	4000
	("W.G)	0.019	0.066	0.11	0.26	0.41	0.53	0.66	0.82
160	Flow(CFM)	34	56	78	112	145	168	190	224
	Throw(ft)	10-25	18-36	20-43	36-78	46-98	39-128	42-148	69-168
	NC	-	-	-	20	25	30	34	37
200	Flow(CFM)	58	97	136	194	252	291	330	388
	Throw(ft)	16-33	25-53	36-70	53-108	66-131	44-148	82-168	98-187
	NC	-	-	-	22	29	33	37	42
250	Flow(CFM)	92	154	215	308	400	461	522	615
	Throw(ft)	20-40	33-66	46-88	62-131	82-164	98-180	165-187	118-203
	NC	-	-	-	23	30	35	40	44
315	Flow(CFM)	151	252	352	504	655	755	855	1007
	Throw(ft)	26-52	39-82	52-115	75-154	98-180	115-192	131-213	147-229
	NC	-	-	-	27	35	40	44	47
400	Flow(CFM)	264	440	616	880	1143	1320	1415	1754
	Throw(ft)	33-66	53-101	44-148	105-187	120-213	154-239	167-252	87-272
	NC	-	-	25	36	42	46	48	52
630	Flow(CFM)	810	1350	1890	2701	3511	4057	4591	5402
	Throw(ft)	54-102	79-160	115-236	160-302	249-340	242-370	266-387	292-406
	NC	27	33	38	44	53	56	59	63

Notes:

- Static Pressure is in Inch of Water, Air volume is in CFM.
- NC values are determined by subtracting 10 dB from the sound power level for room absorption.
- Throw data is presented for terminal velocities of 100 and 50 ft/min.
- Throw values are given for isothermal conditions.