FlexDur Technology

JET NOZZLE SERIES

JPL Pankah Louvre

✤ JPL APPLICATION

The Pankah Louvre Nozzle is designed for areas where a long throw is needed. The large free area allows handling of large air flow rates with low pressure loss. Available with one, two, three, or four elements per panel. Adjustable core may be rotated through 360° and tilted up to a maximum of 33° from mid position to produce a wide variation in air jet angles.

✤ JPL STANDARD CONSTRUCTION / FEATURES

The JPL pankah louvre nozzle is manufactured from aluminum. The overall construction exceeds industry standards by a wide margin. The assembly of flange to the body is made through a gasket consists of two tandem felt strips for a leak proof seal.

A Knurled aluminum thumb operated airflow adjustment knob facilitates control of airflow by regulating the volume out of the exit nozzle with precision.

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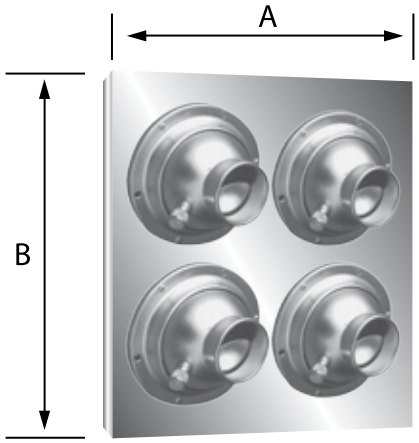
JPL OPTIONS

- Multiple elements plate.
- Other RAL colours



JPL MULTIPLE ELEMENTS PLATE DIMENSIONS

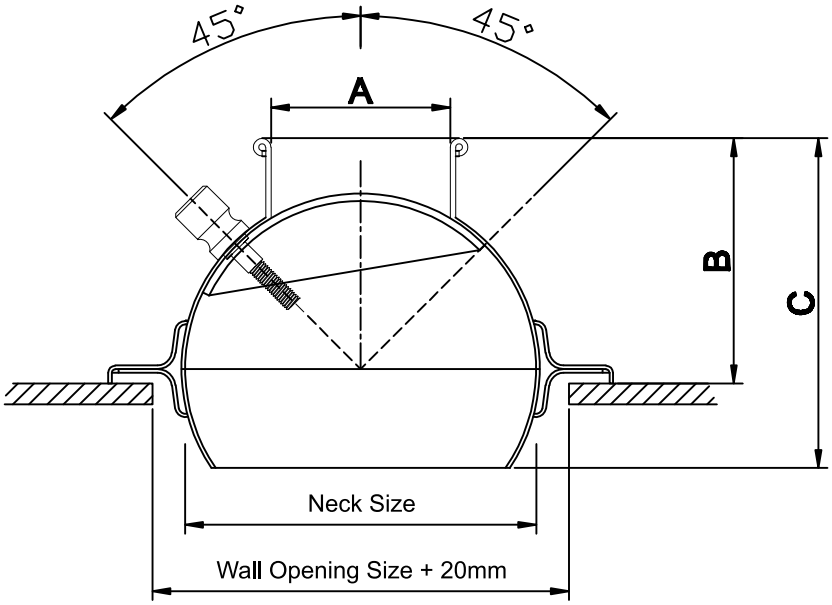
Neck Size	Multiple Elements Plate Dimensions	
	E4	E2
150	530 x 530	228 x 228
200	668 x 668	304 x 304
250	806 x 806	380 x 380
300	944 x 944	456 x 456

JPL ORDER KEY INFORMATION

JPL - A + E2

Elements	E2 or E4
Material	Aluminum (A)
Model	JPL - Pankah Louvre

JPL PHYSICAL DIMENSION



Neck Size	A	B	C
Ø100	60	70	95
Ø150	85	90	125
Ø200	100	125	180
Ø250	145	180	250
Ø300	200	180	250

JPL PERFORMANCE DATA

Neck Size	Vel. (fpm)	400	600	800	1000	1200	1400	1600	2000
150	CFM	76	115	154	190	231	271	309	385
	SP	-	0.02	0.05	0.07	0.1	0.137	0.18	0.28
	Throw(ft)	9-15	13-18	17-25	20-32	23-35	25-39	27-43	31-50
	NC	-	16	20	26	33	39	43	47
200	CFM	137	206	275	343	412	480	557	686
	SP	-	0.016	0.04	0.06	0.09	0.117	0.15	0.24
	Throw(ft)	11-19	15-22	18.25	21-33	27-38	27-43	30-48	39-57
	NC	-	-	19	25	31	37	41	46
250	CFM	215	322	429	537	644	753	859	1074
	SP	-	0.014	0.024	0.045	0.065	0.09	0.115	0.18
	Throw(ft)	15-22	17-25	21-34	24-37	27-43	30-48	33-52	42-62
	NC	-	-	18	23	30	35	39	43
300	CFM	309	465	619	774	929	1084	1238	1548
	SP	-	0.012	0.021	0.033	0.048	0.065	0.085	0.132
	Throw(ft)	18-25	20-27	24-37	27-40	.0-47	33-53	38-57	48-75
	NC	-	-	18	22	28	34	37	41

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.