

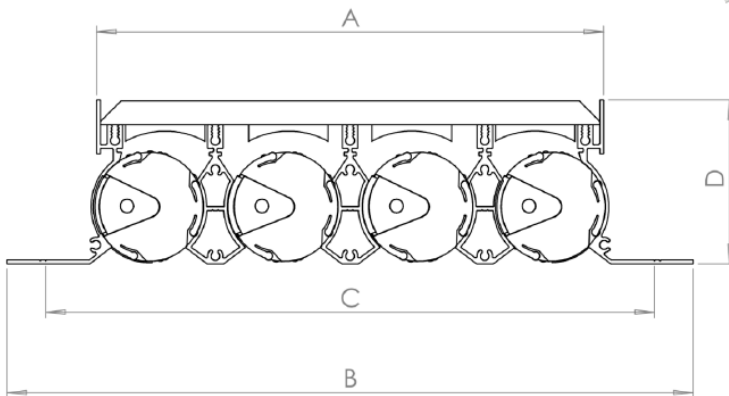
BRL-16/28 BARREL SLOT DIFFUSER

Fully manufactured from Aluminium Extrusion, our high induction Slot Diffuser has been designed for either ceiling or wall mounting.

The individual barrel arrangement creates micro jets of air to provide a high induction air flow, this rapidly reduces the supply air velocity and temperature differential, providing high comfort criteria.

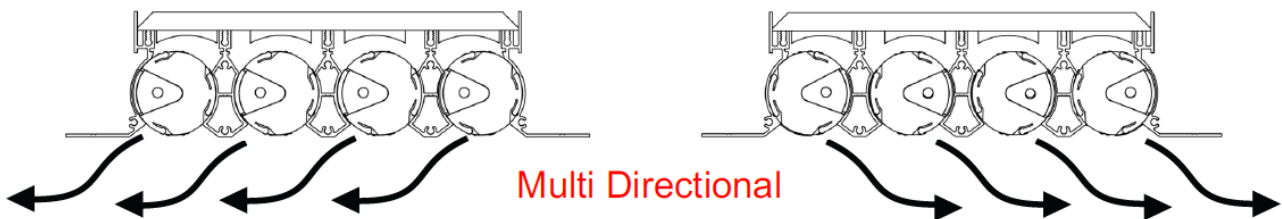


Multiple Variations



HI-16	A	B	C	D
1 Slot	40.5	74.5	50.5	39
2 Slot	72	106	82	39
3 Slot	104	138	114	39
4 Slot	136	170	146	39

HI-28	A	B	C	D
1 Slot	47.6	114.6	57.6	59
2 Slot	86	153	96	59
3 Slot	135	202	145	59
4 Slot	184	251	194	59



How to Order

Type	Barrel Width	Slot Qty	End Flange	RAL Colour	
BSD-HI	16	1 up to 4	0	Face	Barrel
	28		1EF	RAL 9010	Black
			2EF		

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BRL-HI-16

Size		20	30	40	50	60	70				
1 SLOT	L/s	20	30	40	50	60	70				
	Throw m 0.25 - 0.5 m/s	1.6 - 0.8	2.4 - 1.2	3.2 - 1.6	4.0 - 2.0	4.8 - 2.4	5.6 - 2.8				
	Pa	3	7	12	19	28	38				
	NR	10	21	29	36	41	45				
2 SLOT	L/s	20	30	40	50	60	70	80	90	100	120
	Throw m 0.25 - 0.5 m/s	1.2 - 0.6	1.7 - 0.9	2.3 - 1.2	2.9 - 1.4	3.5 - 1.7	4.1 - 2.0	4.6 - 2.3	5.2 - 2.6	5.8 - 2.9	6.9 - 3.5
	Pa	1	3	6	9	13	18	23	29	36	52
	NR		7	15	22	27	31	35	38	41	46
3 SLOT	L/s	40	50	60	70	80	90	100	120	140	160
	Throw m 0.25 - 0.5 m/s	1.8 - 0.9	2.3 - 1.1	2.7 - 1.4	3.2 - 1.6	3.6 - 1.8	4.1 - 2.0	4.5 - 2.3	5.4 - 2.7	6.3 - 3.2	7.2 - 3.6
	Pa	4	6	8	11	14	18	22	32	43	56
	NR	7	14	19	23	27	30	33	38	43	46
4 SLOT	L/s	60	70	80	90	100	120	140	160	180	
	Throw m 0.25 - 0.5 m/s	2.2 - 1.1	2.6 - 1.3	3 - 1.5	3.4 - 1.7	3.7 - 1.9	4.5 - 2.2	5.2 - 2.6	6.0 - 3.0	6.7 - 3.4	
	Pa	6	8	11	14	17	24	33	43	55	
	NR	12	16	20	23	26	31	36	39	43	

BSD-HI-28

Size		20	30	40	50	60	70				
1 SLOT	L/s	20	30	40	50	60	70				
	Throw m 0.25 - 0.5 m/s	1.3 - 0.7	2.0 - 1.0	2.6 - 1.3	3.3 - 1.6	3.9 - 2.0	4.6 - 2.3				
	Pa	2	6	10	15	22	30				
	NR	1	12	20	27	32	36				
2 SLOT	L/s	20	30	40	50	60	70	80	90	100	120
	Throw m 0.25 - 0.5 m/s	0.9 - 0.5	1.4 - 0.7	1.8 - 0.9	2.3 - 1.2	2.8 - 1.4	3.2 - 1.6	1.7 - 1.8	4.2 - 2.1	4.6 - 2.3	5.5 - 2.8
	Pa	1	2	4	7	10	13	17	22	27	39
	NR	-	-	8	15	20	24	28	31	34	39
3 SLOT	L/s	40	50	60	70	80	90	100	120	140	160
	Throw m 0.25 - 0.5 m/s	1.4 - 0.7	1.8 - 0.9	2.1 - 1.1	2.5 - 1.3	2.9 - 1.4	3.2 - 1.6	3.6 - 1.8	4.3 - 2.1	5.0 - 2.5	5.7 - 2.9
	Pa	1	2	3	4	6	7	9	13	18	23
	NR	-	6	11	15	19	22	12	30	35	38
4 SLOT	L/s	60	70	80	90	100	120	140	160	180	200
	Throw m 0.25 - 0.5 m/s	2.0 - 1.0	2.3 - 1.2	2.7 - 1.3	3.0 - 1.5	3.3 - 1.7	4.0 - 2.0	4.7 - 2.3	5.3 - 2.7	6.0 - 3.0	6.7 - 3.3
	Pa	2	3	4	5	6	9	13	17	21	26
	NR	-	2	6	9	12	17	22	25	29	32
	L/s	220	240	250							
	Throw m 0.25 - 0.5 m/s	7.3 - 3.7	8.0 - 4.0	8.3 - 4.2							
	NR	34	37	38							

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Plenum Box Detail

