

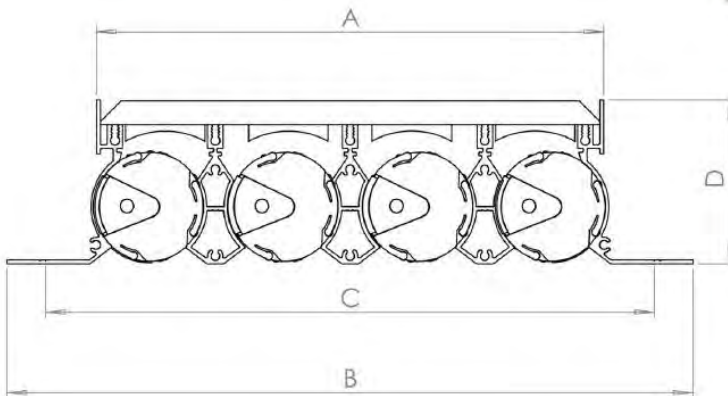
BRL-16/28 BARREL SLOT DIFFUSER

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.

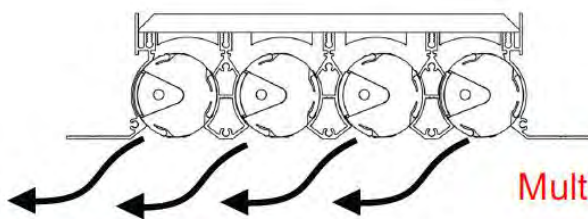


Multiple Variations

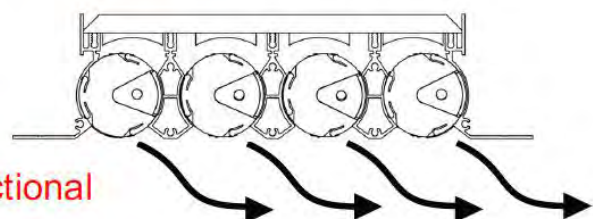


HI-16	A	B	C	D
1 Slot	40.5	74.5	50.5	39
2 Slot	72	106	82	39
3 Slot	104	138	114	39
4 Slot	136	170	146	39

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



Multi Directional



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											
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

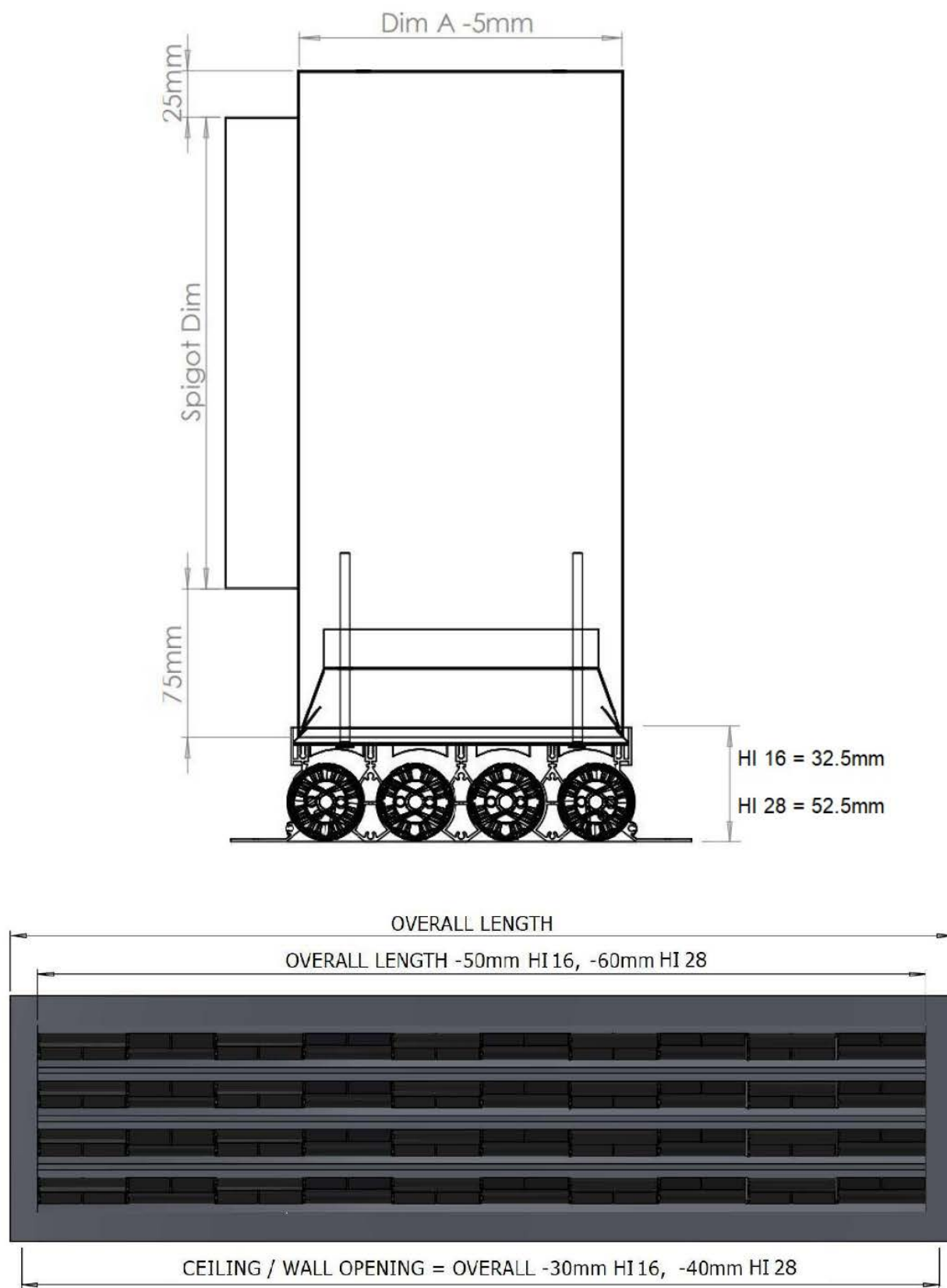
Size											
1 SLOT	L/s	20	30	40	50	60	70				
	Throw m 0.25 - 0.5 m/s	1.3 - 0.7	2.0 - 1.0	2.6 - 1.3	3.3 - 1.6	3.9 - 2.0	4.6 - 2.3				
	Pa	2	6	10	15	22	30				
	NR	1	12	20	27	32	36				
2 SLOT	L/s	20	30	40	50	60	70	80	90	100	120
	Throw m 0.25 - 0.5 m/s	0.9 - 0.5	1.4 - 0.7	1.8 - 0.9	2.3 - 1.2	2.8 - 1.4	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							
	Pa	31	37	41							
	NR	34	37	38							



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Plenum Box Detail



12/11/25

BRL-16/28 BARREL SLOT DIFFUSER



Other Options Available:-



'Clip-In' Type to suit an SAS 150 Ceiling System

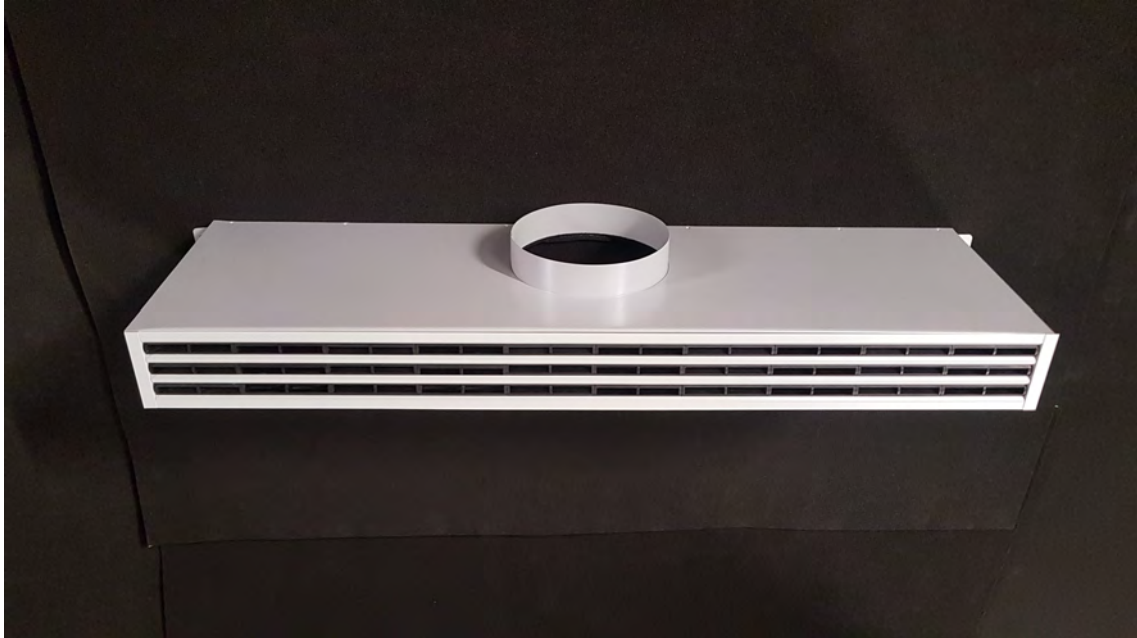


'Plank Slot' Type to suit an SAS 330 Ceiling System

BRL-16/28 BARREL SLOT DIFFUSER



Other Options Available:-



'Exposed' Type solution



'Exposed' Type solution