

# Model RR Round Exhaust Grille



Model RR round exhaust diffuser are designed for exhaust applications for commercial and industrial projects. It can be wall or ceiling mounted. The body is one piece aluminium or steel and mounts with the included hidden bracket.

## Features

- Aluminium or steel construction.
- Wall or ceiling mountable.
- Hidden mounting mechanism.
- High quality.
- Available for standard duct.

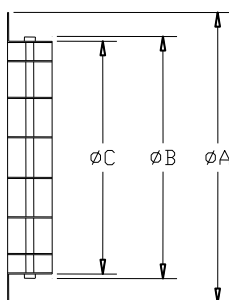
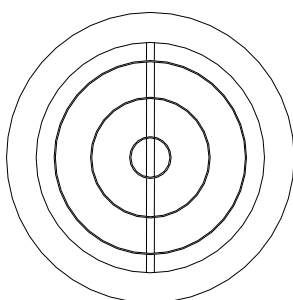
## Finish

- Steel construction.  
Standard finish is white baked enamel.  
Special colour finishes are available to match architectural requirements.
- Aluminium construction.  
Standard finish is white baked enamel.  
Special colour finishes or special anodize finish are available.

## Accessories

- Louvre damper (LD)  
For location immediately behind diffusers within circular supply ducts.

## Dimension

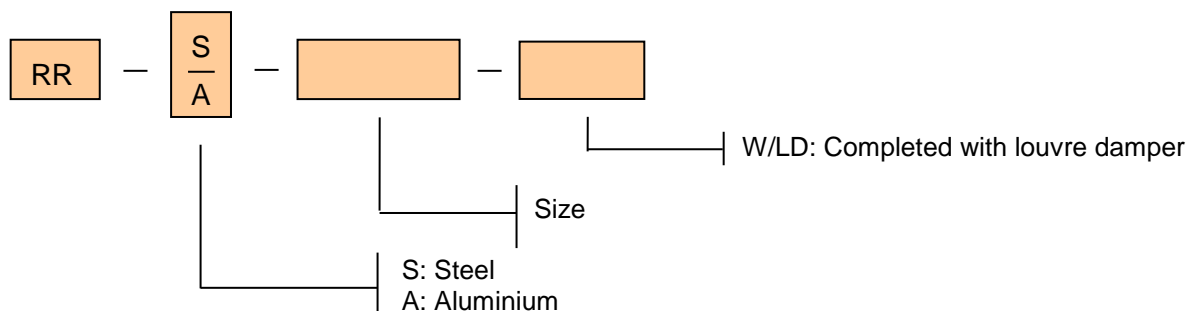


Size	$\phi A$	Duct Size $\phi B$	$\phi C$
150	180	150	140
200	230	200	190
250	280	250	240
300	330	300	290
350	380	350	340
400	430	400	390

# Model RR Round Exhaust Grille



## Order Code



## Performance Data

Size	Neck Area (m <sup>2</sup> )	Neck Velocity (m/s)	1.5	2	2.5	3	3.5	4	5	6	7
		Velocity Pressure (Pa)	0.2	3	4	6	8	10	16	23	31
150	0.018	m <sup>3</sup> /s	0.027	0.036	0.045	0.054	0.063	0.072	0.090	0.108	0.126
		SP (Pa)	-	-	5	8	11	13	19	30	43
		NC	-	-	-	-	-	15	22	29	34
200	0.031	m <sup>3</sup> /s	0.047	0.062	0.078	0.093	0.109	0.124	0.155	0.186	0.217
		SP (Pa)	-	3	5	6	10	14	23	38	56
		NC	-	-	-	15	20	22	25	27	35
250	0.049	m <sup>3</sup> /s	0.074	0.098	0.123	0.147	0.172	0.196	0.245	0.294	0.343
		SP (Pa)	-	-	3	5	8	10	14	19	25
		NC	-	-	-	-	15	20	24	25	34
300	0.071	m <sup>3</sup> /s	0.107	0.142	0.178	0.213	0.249	0.284	0.355	0.426	0.497
		SP (Pa)	-	-	-	9	10	13	13	15	25
		NC	-	-	-	-	-	18	22	31	35
350	0.096	m <sup>3</sup> /s	0.144	0.192	0.240	0.288	0.336	0.384	0.480	0.576	0.672
		SP (Pa)	-	-	-	7	8	8	10	13	38
		NC	-	-	-	-	15	16	24	29	36
400	0.126	m <sup>3</sup> /s	0.189	0.252	0.315	0.378	0.441	0.504	0.630	0.756	0.882
		SP (Pa)	-	-	-	6	8	10	13	15	18
		NC	-	-	-	-	-	-	23	30	35

NC level is based on 10 dB room attenuation with diffuser operation.  
Use interpolator to determinate the performance of grille size not on the list.