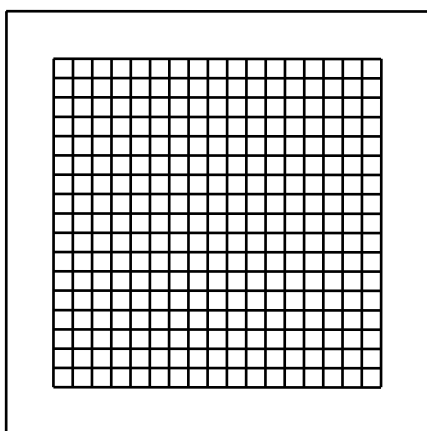


# Model WM Wire Mesh Grille



Model WM air grilles are designed to satisfy all exhaust application in heating, cooling or ventilating application.

## Features

- High air handling capacity.
- Exhaust grille visually compatible.
- Core of 13mmx13mm 20BG steel wire mesh.
- Standard flange width is 32mm. Others size are available on requested.

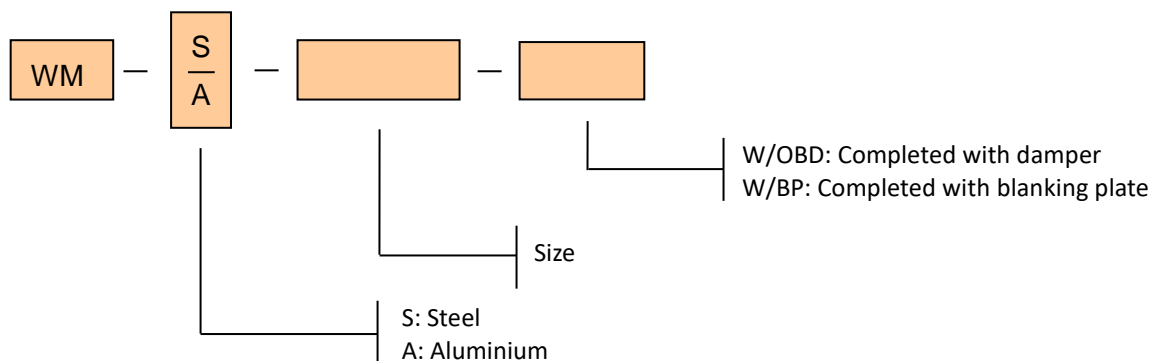
## Finish

- Aluminium / steel construction on frame .
- Standard finish is white baked enamel. Special colour finishes are available to match architectural requirements.

## Accessories

- Opposed blade damper (OBD)
- Blanking plate (BP)

## Order Code



## Dimension

Model	Base size (W x H)mm	Neck size (W x H)mm
WM-A	300 x 300	236 x 236
	600 x 300	536 x 236
	600 x 600	536 x 536

## Performance Data

Size	Core Area (m <sup>2</sup> )	Core Velocity (m/s)	1.5	2	2.5	3	3.5	4	5	6	7
		Velocity Pressure (Pa)	2	3	4	6	8	10	16	23	31
		Static Pressure (Pa)	4	7	11	15	20	27	42	60	80
150x150	0.02	m <sup>3</sup> /s	0.03	0.04	0.05	0.06	0.07	0.08	0.1	0.12	0.14
		NC	24	27	29	31	33	34	36	38	39
200x200	0.04	m <sup>3</sup> /s	0.06	0.08	0.1	0.12	0.14	0.16	0.2	0.24	0.28
		NC	23	26	28	30	31	32	35	36	38
250x250	0.06	m <sup>3</sup> /s	0.09	0.12	0.15	0.18	0.21	0.24	0.3	0.36	0.42
		NC	22	25	27	29	30	32	34	36	37
300x300	0.09	m <sup>3</sup> /s	0.14	0.18	0.23	0.27	0.32	0.36	0.45	0.54	0.63
		NC	21	24	26	28	30	31	33	35	36
350x350	0.12	m <sup>3</sup> /s	0.18	0.24	0.3	0.36	0.42	0.48	0.6	0.72	0.84
		NC	21	23	26	27	29	30	32	34	36
400x400	0.16	m <sup>3</sup> /s	0.24	0.32	0.4	0.48	0.56	0.64	0.8	0.96	1.12
		NC	20	23	25	27	28	30	32	34	35
450x450	0.20	m <sup>3</sup> /s	0.3	0.4	0.5	0.6	0.7	0.8	1	1.2	1.4
		NC	20	23	25	27	28	29	32	33	35
500x500	0.25	m <sup>3</sup> /s	0.38	0.5	0.63	0.75	0.88	1	1.25	1.5	1.75
		NC	19	22	24	26	27	29	31	33	34
550x550	0.30	m <sup>3</sup> /s	0.45	0.6	0.75	0.9	1.05	1.2	1.5	1.8	2.1
		NC	19	22	24	26	27	29	31	32	34
600x600	0.36	m <sup>3</sup> /s	0.54	0.72	0.9	1.08	1.26	1.44	1.8	2.16	2.52
		NC	19	21	24	25	27	28	30	32	34

NC level is based on 10 dB room attenuation with diffuser operation.