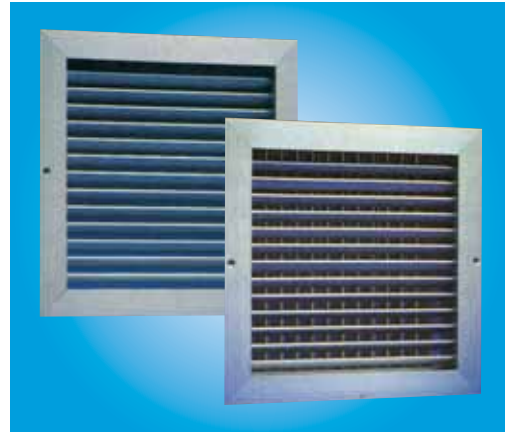


Single & Double deflection grilles

Part Codes: SDG or DDG

Grilles with either single row or double row of individually adjustable teardrop section blades and flanged borders. Supplied with or without an opposed blade damper. Available in nominal sizes of 100mm to 1200mm with 50mm increments on length or height. Made from extruded aluminium with mechanical joints to lock the mitred corners of the flange. Standard finish Silver satin anodised to BS 1615 AA5, Other colours available i.e White. Fixings are via countersunk screw holes in the border. Free area approx 80%. Heavy duty version and Fixed Blade grilles are available on request.



Free Area	Nominal	Vel m/s	1,5	2	2,5	3	3,5	4	5
M ²	Size mm	Pa	5	8	10	15	21	26	38
0,015	150 x 150	m ³ /s	0,023	0,030	0,038	0,045	0,053	0,060	0,075
		Throw M	3,0	4,4	5,4	6,7	7,8	8,8	10,4
		NR	-	-	-	-	22	25	31
0,034	200 x 200	m ³ /s	0,051	0,068	0,085	0,102	0,119	0,136	0,170
		Throw M	3,6	5,2	6,4	7,7	8,8	9,3	11,0
		NR	-	-	14	21	25	28	35
0,052	250 x 250	m ³ /s	0,078	0,104	0,130	0,156	0,182	0,208	0,260
		Throw M	4,0	5,5	7,0	8,4	9,0	9,9	11,0
		NR	-	-	18	22	27	31	37
0,077	300 x 300	m ³ /s	0,116	0,154	0,193	0,231	0,270	0,308	0,385
		Throw M	4,3	5,6	7,0	8,7	9,7	10,8	12,5
		NR	-	-	18	25	28	32	37
0,105	350 x 350	m ³ /s	0,158	0,210	0,263	0,315	0,368	0,420	0,525
		Throw M	4,5	6,0	7,8	9,5	10,2	11,8	14,0
		NR	-	-	21	26	30	34	41
0,146	400 x 400	m ³ /s	0,219	0,292	0,365	0,438	0,511	0,584	0,730
		Throw M	5,0	6,8	8,6	9,8	11,4	12,7	15,0
		NR	-	16	23	29	32	36	42
0,18	450 x 450	m ³ /s	0,270	0,360	0,450	0,540	0,630	0,720	0,900
		Throw M	5,5	7,5	9,0	10,6	12,0	14,2	16,7
		NR	-	18	24	31	35	39	44
0,23	500 x 500	m ³ /s	0,345	0,460	0,575	0,690	0,805	0,920	1,150
		Throw M	6,0	7,9	9,8	11,4	13,2	15,0	18,2
		NR	-	20	27	31	35	40	46
0,32	600 x 600	m ³ /s	0,480	0,640	0,800	0,960	1,120	1,280	1,600
		Throw M	6,5	9,0	10,3	12,6	14,7	16,7	20,0
		NR	-	22	29	33	38	42	49

How to Order **SDG300300S** **DDG450350W**
Type SDG = Single Deflection DDG = Double Deflection
Size 300300 = 300 x 300 450350 = 450 x 350
Finish S = Satin Anodised W = White (or state RAL code)

