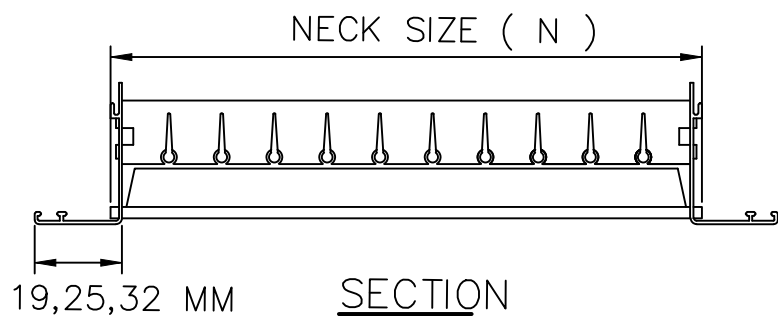
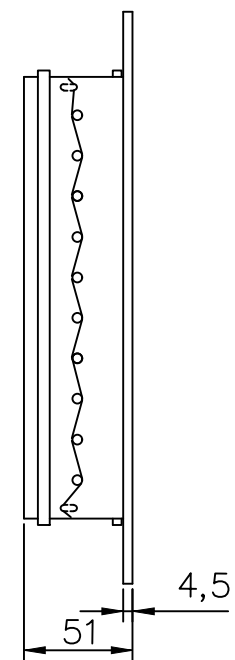
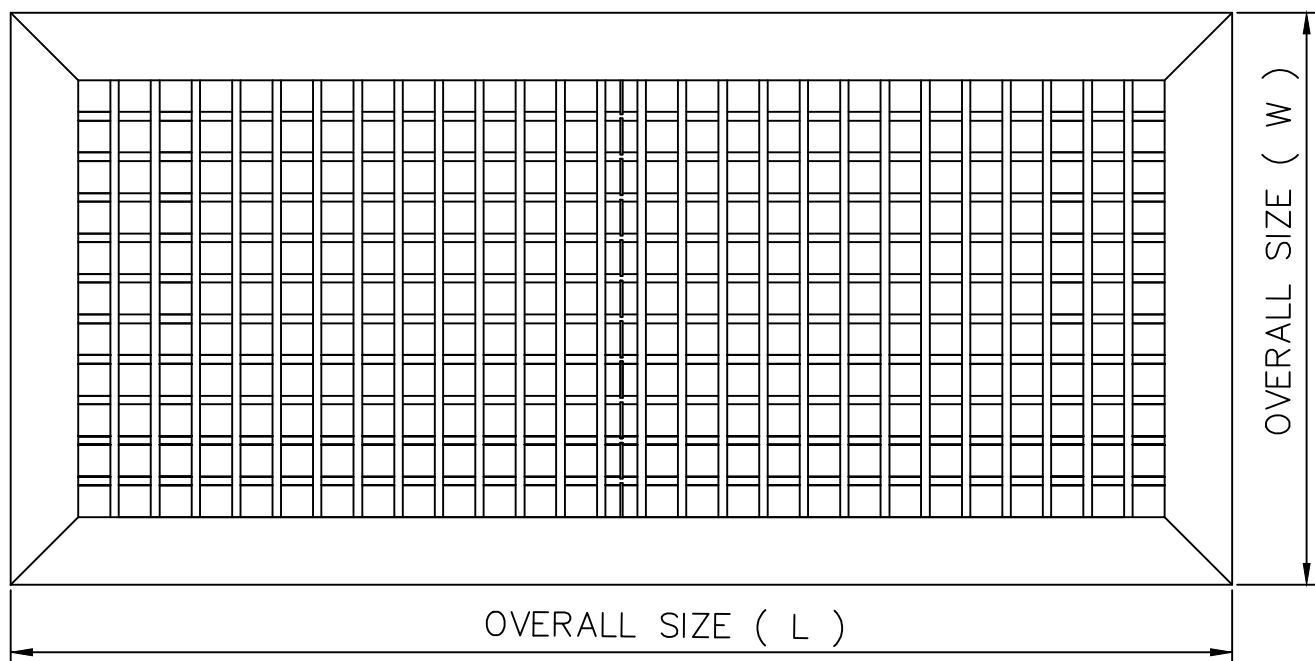




FRAME	NECK SIZE	CEILING OPENING SIZE
(3/4"), 19 MM	BASE SIZE - 24 MM	BASE SIZE - 17 MM
(1"), 25 MM	BASE SIZE - 36 MM	BASE SIZE - 29 MM
(1-1/4"), 32 MM	BASE SIZE - 50 MM	BASE SIZE - 43 MM

JANFORD 晉福風咀有限公司
JANFORD AIR FLOW CO. LTD.

ALUMINIUM DUBLE DEFLECTION AIR GILLE

MODEL	ADG-V	PROJECT	
SCALE	NIL	DRAWN BY	CHEONG
		DATE	17/11/2016

Series : ADG-V
Supply air grilles - Performance Data

L/s	Neck Size (mm)	150 x 150	200 x 150	300 x 150	250 x 200	450 x 150	400 x 200	650 x 150	750 x 150
		0 deflection	0 deflection	0 deflection	0 deflection	0 deflection	0 deflection	0 deflection	0 deflection
	$A_k : M^2$	0.013	0.017	0.026	0.028	0.04	0.048	0.061	0.078
94	Velocity (m/s)	7.36	5.53						
	Static Pressure (Pa)	12	7						
	NC	<15	<15						
118	Velocity (m/s)	9.19	6.93						
	Static Pressure (Pa)	19	10						
	NC	19	<15						
142	Velocity (m/s)	11.06	8.32	5.53					
	Static Pressure (Pa)	27	15	6					
	NC	23	16	<15					
189	Velocity (m/s)	14.72	11.1	7.36	6.65	4.67			
	Static Pressure (Pa)	48	26	11	7	5			
	NC	32	23	16	15	<15			
236	Velocity (m/s)		13.86	9.24	8.3	5.84			
	Static Pressure (Pa)		41	17	11	7			
	NC		36	22	20	<15			
283	Velocity (m/s)			11.06	9.95	7			
	Static Pressure (Pa)			24	16	10			
	NC			28	24	17			
330	Velocity (m/s)			12.94	11.62	8.17			
	Static Pressure (Pa)			33	22	13			
	NC			33	29	22			
378	Velocity (m/s)			14.77	13.3	9.34			
	Static Pressure (Pa)			43	29	17			
	NC			38	34	25			
472	Velocity (m/s)				16.6	11.67			
	Static Pressure (Pa)				45	27			
	NC				41	33			
566	Velocity (m/s)					14.01			
	Static Pressure (Pa)					40			
	NC					39			
236	Velocity (m/s)						4.92		
	Static Pressure (Pa)						5		
	NC						<15		
283	Velocity (m/s)						5.89	4.64	
	Static Pressure (Pa)						6	4	
	NC						16	<15	
330	Velocity (m/s)						6.88	5.43	
	Static Pressure (Pa)						9	6	
	NC						17	16	
378	Velocity (m/s)						7.87	6.19	4.82
	Static Pressure (Pa)						11	7	5
	NC						22	18	<15
472	Velocity (m/s)						9.85	7.74	6.02
	Static Pressure (Pa)						18	11	8
	NC						27	26	17
566	Velocity (m/s)							9.29	7.21
	Static Pressure (Pa)							16	11
	NC							30	24
661	Velocity (m/s)								8.43
	Static Pressure (Pa)								15
	NC								30
755	Velocity (m/s)								9.62
	Static Pressure (Pa)								20
	NC								35

Supply air grilles - Performance Data

[illegible]

Series ADG-V

Set at 0 Degrees Deflection

Return air grilles - Performance Data

		Face Velocity - m/s				
		2	3	4	5	6
Neck Sizes mm NC Level	Nominal Core Area M ²	Negative Static Pressure (Pa)				
		5	13	23	35	52
		Air Volume - L/s				
150 x 150 NC	0.023	46 <15	69 <15	92 23	115 29	138 35
200 x 150 NC	0.03	60 <15	90 16	120 24	150 31	180 36
300 x 150 NC	0.045	90 <15	135 18	180 26	225 33	270 38
250 x 200 NC	0.05	100 <15	150 19	200 27	250 33	300 38
450 x 150 NC	0.07	140 <15	210 20	280 28	350 35	420 40
350 x 200 NC	0.072	144 <15	216 20	288 29	360 35	432 40
400 x 200 NC	0.083	166 <15	249 21	332 29	415 35	498 41
650 x 150 NC	0.1	200 <15	300 22	400 30	500 36	600 42
750 x 150 NC	0.116	232 <15	348 23	464 31	580 37	696 42
600 x 200 NC	0.124	248 <15	372 23	496 31	620 37	744 43
900 x 150 NC	0.139	278 <15	417 24	556 32	695 38	834 43
750 x 200 NC	0.155	310 <15	465 24	620 32	775 38	930 44
600 x 300 NC	0.185	370 <15	555 25	740 33	925 39	1110 44
1000 x 200 NC	0.21	420 15	630 25	840 34	1050 40	1260 45
1200 x 200 NC	0.248	496 15	744 26	992 34	1240 41	1488 46
900 x 300 NC	0.278	556 15	834 27	1112 35	1390 41	1668 46
1500 x 200 NC	0.31	620 16	930 27	1240 35	1550 42	1860 47
1200 x 300 NC	0.37	740 17	1110 28	1480 36	1850 43	2220 48
1500 x 300 NC	0.464	928 18	1392 29	1856 37	2320 44	2784 49
1800 x 300 NC	0.557	1114 19	1671 30	2228 38	2785 45	3342 50