

PERFORMANCE DATA

Air Pattern	Unit Size (mm)	Air Flow (L/s)	Static Pressure (Pa)	Total Pressure (Pa)	Sound (NC)	Throw (m) 0.51 - 0.38 - 0.25 m/s		
						Vertical	Horizontal	
1-Way Blow	300 x 600	24	1	1	-	0.3 - 0.3 - 0.3	0.3 - 0.3 - 0.3	
		47	3	4	-	0.3 - 0.6 - 0.6	0.3 - 0.3 - 0.6	
		71	6	9	-	0.6 - 0.6 - 0.9	0.3 - 0.6 - 0.9	
		94	11	16	15	0.6 - 0.9 - 0.9	0.6 - 0.6 - 1.5	
		118	17	25	23	0.9 - 0.9 - 1.2	0.6 - 0.9 - 1.8	
		142	25	36	29	0.9 - 0.9 - 1.2	0.9 - 1.5 - 2.1	
		165	34	49	34	0.9 - 1.2 - 1.2	1.2 - 1.8 - 2.4	
		189	44	64	39	0.9 - 1.2 - 1.2	1.5 - 1.8 - 2.4	
	300 x 1200	212	56	81	43	0.9 - 1.2 - 1.5	1.5 - 2.1 - 2.7	
		47	0	2	-	0.2 - 0.2 - 0.3	0.2 - 0.2 - 0.3	
		71	2	5	-	0.2 - 0.3 - 0.5	0.3 - 0.5 - 0.5	
		94	2	10	-	0.3 - 0.3 - 0.6	0.3 - 0.5 - 0.6	
		118	7	15	18	0.3 - 0.5 - 0.6	0.5 - 0.6 - 0.9	
		142	7	22	23	0.5 - 0.6 - 0.8	0.5 - 0.8 - 1.1	
		165	15	30	28	0.5 - 0.6 - 0.9	0.6 - 0.8 - 1.2	
		189	17	37	32	0.6 - 0.8 - 1.1	0.8 - 0.9 - 1.4	
	600 x 600	212	22	47	35	0.6 - 0.8 - 1.2	0.8 - 1.1 - 1.5	
		236	27	60	38	0.8 - 0.9 - 1.4	0.9 - 1.2 - 1.7	
		47	0	2	-	0.3 - 0.5 - 0.8	0.2 - 0.3 - 0.5	
		71	2	5	-	0.6 - 0.8 - 1.1	0.5 - 0.5 - 0.6	
		94	5	10	-	0.8 - 1.1 - 1.2	0.6 - 0.6 - 0.8	
		118	10	17	18	0.9 - 1.1 - 1.4	0.6 - 0.8 - 0.9	
		142	12	25	23	1.1 - 1.2 - 1.5	0.6 - 0.8 - 0.9	
		165	17	32	27	1.2 - 1.4 - 1.7	0.8 - 0.8 - 0.9	
	600 x 1200	189	22	42	31	1.2 - 1.4 - 1.8	0.8 - 0.9 - 1.1	
		212	30	55	34	1.4 - 1.5 - 1.8	0.9 - 0.9 - 1.1	
		236	35	67	37	1.4 - 1.7 - 2.0	0.9 - 1.1 - 1.2	
		142	2	5	-	0.5 - 0.6 - 0.8	0.2 - 0.3 - 0.5	
		165	5	7	-	0.5 - 0.6 - 0.9	0.3 - 0.5 - 0.6	
		189	5	10	-	0.6 - 0.8 - 1.1	0.3 - 0.5 - 0.6	
		212	7	12	-	0.6 - 0.8 - 1.2	0.3 - 0.5 - 0.6	
		236	7	15	-	0.8 - 0.9 - 1.4	0.3 - 0.6 - 0.8	
	2-Way Blow	600 x 600	283	10	20	21	0.8 - 1.1 - 1.7	0.5 - 0.6 - 0.9
			330	15	27	26	0.9 - 1.2 - 1.8	0.5 - 0.8 - 0.9
			378	22	37	31	1.1 - 1.5 - 2.1	0.6 - 0.8 - 1.1
			425	27	47	36	1.2 - 1.7 - 2.4	0.6 - 0.9 - 1.2
472			32	57	40	1.4 - 1.8 - 2.7	0.8 - 0.9 - 1.4	
94			5	10	-	0.3 - 0.5 - 0.8	0.2 - 0.3 - 0.5	
118			7	15	-	0.5 - 0.6 - 0.9	0.3 - 0.5 - 0.6	
142			10	22	22	0.6 - 0.8 - 1.1	0.5 - 0.5 - 0.6	
600 x 1200	165	15	30	27	0.6 - 0.9 - 1.2	0.5 - 0.6 - 0.8		
	189	20	40	33	0.8 - 1.1 - 1.2	0.6 - 0.6 - 0.8		
	212	25	50	38	0.9 - 1.1 - 1.4	0.6 - 0.6 - 0.8		
	236	32	65	40	0.9 - 1.1 - 1.4	0.6 - 0.8 - 0.9		
	189	2	7	-	0.3 - 0.3 - 0.6	0.2 - 0.3 - 0.5		
	236	5	12	-	0.3 - 0.5 - 0.6	0.3 - 0.3 - 0.6		
	283	7	17	21	0.5 - 0.6 - 0.8	0.3 - 0.5 - 0.6		
	330	12	25	27	0.5 - 0.6 - 0.9	0.5 - 0.5 - 0.8		
378	15	30	33	0.6 - 0.8 - 1.1	0.5 - 0.6 - 0.9			
425	20	40	37	0.6 - 0.8 - 1.2	0.5 - 0.6 - 0.9			
472	22	47	42	0.8 - 0.9 - 1.4	0.6 - 0.8 - 1.1			

Performance Notes:

1. All pressures are in Pascals, (Pa)
2. L/s = Air flow in Liters per second, L/s.
3. NC = Noise Criteria. NC values are based on room absorption of 10dB, re 10⁻¹² watts.
4. Blanks " - " indicate an NC level below 15
5. Throw values are given in meters (m) to terminal velocities of 0.51 (minimum), 0.38 (middle), and 0.25 (maximum) m/s based on 6°C cooling.
6. Throw values are measured from the face of the diffuser.
7. Pressure and NC performance assumes no damper.
8. Tested in accordance with ASHRAE Standard 70-2006 "Method of Testing for Rating the Performance of Air Outlets and Inlets."