

PERFORMANCE DATA – ADV SQUARE

Maximum Flow Selection Table – Metric Units

Inlet Size (mm)	Neck Velocity (m/s)	2.03	2.54	3.05	3.56	4.06	4.57	5.08
	Velocity Pressure (Pa)	2.5	3.9	5.6	7.6	9.9	12.6	15.5
150	Static Pressure (Pa)			12.3	16.5	21.4	26.8	32.8
	Total Pressure (Pa)			17.9	24.1	31.3	39.4	48.3
	Flow rate (l/s)			56	65	74	83	93
	Sound (NC)			15	20	24	27	30
	Throw (m)			1.2-1.8-3.0	1.2-2.1-3.4	1.5-2.4-3.7	1.8-2.4-4.0	1.8-2.7-4.0
200	Static Pressure (Pa)		14.7	21.0	28.3	36.7	46.1	56.5
	Total Pressure (Pa)		18.6	26.6	35.9	46.6	58.7	72.1
	Flow rate (l/s)		82	99	115	132	148	165
	Sound (NC)		–	19	23	27	30	33
	Throw (m)		1.5-2.4-3.7	1.8-2.7-4.0	2.1-3.0-4.3	2.4-3.0-4.6	2.7-3.4-4.9	2.7-3.7-4.9
250	Static Pressure (Pa)		14.6	20.8	28.1	36.4	45.9	56.4
	Total Pressure (Pa)		18.5	26.4	35.7	46.4	58.4	71.9
	Flow rate (l/s)		129	154	180	206	232	257
	Sound (NC)		–	18	22	26	29	32
	Throw (m)		0.9-1.5-2.7	1.2-1.8-3.0	1.5-2.1-3.4	1.5-2.4-3.7	1.8-2.7-4.0	2.1-2.7-4.0
300	Static Pressure (Pa)	12.1	18.7	26.8	36.3	47.3	60.0	74.4
	Total Pressure (Pa)	14.6	22.6	32.4	43.9	57.3	72.6	90.0
	Flow rate (l/s)	148	185	222	259	297	334	371
	Sound (NC)	–	16	21	26	30	33	36
	Throw (m)	1.2-1.8-3.4	1.5-2.4-3.7	1.8-2.7-4.0	2.1-3.0-4.3	2.4-3.4-4.6	2.7-3.4-4.9	3.0-3.7-5.2

Performance Notes:

- All SI (metric) values are soft conversion from I-P
- Tested in accordance with ASHRAE Standard 70-2006 (RA2011) "Method of Testing for Rating the Performance of Air Outlets and Inlets"
- Air Flow is in litres per second, l/s.
- All pressures are in inches of water.
- Throw values are given in metres to terminal velocities of 0.76-0.51-0.25 m/s.
- Throw data is based on supply air and room air at isothermal condition.
- The NC values, sound pressure level are based on a room absorption of 10 dB re 10⁻¹² Watts one diffuser.
- Blanks "-" indicate an NC level below 15.

Modulated Flow Selection Table – Metric Units

Inlet Size (mm)	Inlet Static Pressure (Pa)	Maximum Flow (l/s)	Maximum Flow Rate				25% Maximum Flow Rate			
			Throw (m)		Sound (NC)	Throw (m)		Sound (NC)		
150	12.4	54	1.2	1.8	3.0	–	0.3	0.6	1.2	–
	24.9	82	1.8	2.4	3.7	27	0.6	0.9	1.8	15
	37.3	99	2.1	3.0	4.3	32	0.9	1.2	2.1	20
	49.8	116	2.4	3.0	4.6	36	0.9	1.2	2.4	23
	62.2	130	2.7	3.4	4.9	40	0.9	1.5	2.7	29
200	12.4	76	1.2	2.1	3.4	–	0.3	0.9	1.8	–
	24.9	109	2.1	2.7	4.0	22	0.6	1.2	2.4	–
	37.3	135	2.4	3.0	4.6	28	1.2	1.5	2.7	16
	49.8	156	2.7	3.4	4.9	32	1.2	1.8	3.0	20
	62.2	175	3.0	3.7	5.2	35	1.5	2.1	3.0	22
250	12.4	118	0.9	1.5	2.7	–	0.6	1.2	2.1	–
	24.9	170	1.2	1.8	3.4	20	1.2	1.5	3.0	–
	37.3	210	1.5	2.4	3.7	26	1.2	2.1	3.4	16
	49.8	241	1.8	2.7	4.0	30	1.5	2.4	3.7	20
	62.2	271	2.1	3.0	4.3	33	1.8	2.7	4.0	23
300	12.4	146	1.2	1.8	3.4	–	0.9	1.2	2.4	–
	24.9	212	1.8	2.7	4.0	20	1.2	1.8	2.7	–
	37.3	262	2.1	3.0	4.3	26	1.5	2.1	3.0	16
	49.8	307	2.7	3.4	4.9	30	1.5	2.4	3.4	22
	62.2	345	2.7	3.7	4.9	34	1.8	2.7	3.7	24

Performance Notes:

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- Air Flow is in litres per second, l/s.
- All pressures are in inches of water.
- Throw values are given in metres to terminal velocities of 0.76-0.51-0.25 m/s.
- Throw data is based on supply air and room air at isothermal condition.
- The NC values, sound pressure level are based on a room absorption of 10 dB re 10⁻¹² Watts one diffuser.
- Blanks "-" indicate an NC level below 15.

PERFORMANCE DATA – ADVR ROUND

Maximum Flow Selection Table – Metric Units

Inlet Size (mm)	Neck Velocity (m/s)	2.03	2.54	3.05	3.56	4.06	4.57	5.08
	Velocity Pressure (Pa)	2.5	3.9	5.6	7.6	9.9	12.6	15.5
150	Static Pressure (Pa)			11.8	15.5	19.6	23.9	28.5
	Total Pressure (Pa)			17.4	23.1	29.5	36.5	44.0
	Flow rate (l/s)			56	65	74	83	93
	Sound (NC)			–	19	23	26	29
	Throw (m)			0.6-1.2-2.1	0.9-1.2-2.1	0.9-1.5-2.4	1.2-1.5-2.4	1.2-1.8-2.7
200	Static Pressure (Pa)		15.6	21.8	29.0	36.9	45.8	55.5
	Total Pressure (Pa)		19.5	27.4	36.6	46.9	58.3	71.0
	Flow rate (l/s)		82	99	115	132	148	165
	Sound (NC)		17	22	27	31	34	37
	Throw (m)		0.9-1.2-2.4	0.9-1.5-2.7	1.2-1.8-3.0	1.2-1.8-3.4	1.5-2.1-3.4	1.5-2.4-3.7
250	Static Pressure (Pa)		14.0	19.4	25.8	33.0	41.3	50.9
	Total Pressure (Pa)		17.8	25.0	33.4	42.9	53.9	66.4
	Flow rate (l/s)		129	154	180	206	232	257
	Sound (NC)		15	20	25	29	32	36
	Throw (m)		0.9-1.5-3.0	1.2-1.8-3.7	1.5-2.1-3.7	1.8-2.4-4.0	1.8-2.7-4.3	2.1-3.0-4.6
300	Static Pressure (Pa)	12.1	18.3	25.9	35.2	46.3	59.8	
	Total Pressure (Pa)	14.5	22.2	31.5	42.8	56.2	72.4	
	Flow rate (l/s)	148	185	222	259	297	334	
	Sound (NC)	–	19	24	29	33	37	
	Throw (m)	1.2-1.8-3.4	1.5-2.4-4.0	1.8-2.7-4.3	2.1-3.4-4.6	2.4-3.4-4.9	2.7-3.7-5.2	

Performance Notes:

- All SI (metric) values are soft conversion from I-P
- Tested in accordance with ASHRAE Standard 70-2006 (RA2011) "Method of Testing for Rating the Performance of Air Outlets and Inlets"
- Air Flow is in litres per second, l/s.
- All pressures are in inches of water.
- Throw values are given in metres to terminal velocities of 0.76-0.51-0.25 m/s.
- Throw data is based on supply air and room air at isothermal condition.
- The NC values, sound pressure level are based on a room absorption of 10 dB re 10⁻¹² Watts one diffuser.
- Blanks "-" indicate an NC level below 15.

Modulated Flow Selection Table – Metric Units

Inlet Size (mm)	Inlet Static Pressure (Pa)	Maximum Flow (l/s)	Maximum Flow Rate				25% Maximum Flow Rate			
			Throw (m)			Sound (NC)	Throw (m)			Sound (NC)
150	12.4	59	0.9	1.2	2.1	16	0.0	0.3	0.9	–
	24.9	87	1.2	1.8	2.7	27	0.3	0.6	1.2	–
	37.3	111	1.5	2.1	3.0	34	0.3	0.6	1.5	19
	49.8	132	1.8	2.4	3.4	39	0.6	0.9	1.8	24
	62.2	151	1.8	2.4	3.4	42	0.6	0.9	1.8	27
200	12.4	76	0.6	1.2	2.1	–	0.0	0.3	0.6	–
	24.9	109	1.2	1.5	3.0	25	0.3	0.3	0.9	–
	37.3	135	1.2	2.1	3.4	31	0.3	0.6	1.2	–
	49.8	156	1.5	2.4	3.7	35	0.3	0.6	1.5	15
	62.2	175	1.8	2.7	3.7	39	0.6	0.9	1.5	18
250	12.4	125	0.9	1.5	3.0	–	0.3	0.6	1.2	–
	24.9	179	1.5	2.1	3.7	25	0.6	0.9	1.8	–
	37.3	219	1.8	2.7	4.3	31	0.6	0.9	1.8	15
	49.8	252	2.1	3.0	4.6	35	0.9	1.2	2.1	19
	62.2	283	2.4	3.4	4.9	39	0.9	1.2	2.1	22
300	12.4	156	1.2	2.1	3.7	–	0.3	0.6	1.2	–
	24.9	219	1.8	2.7	4.3	24	0.6	0.9	1.8	–
	37.3	267	2.4	3.4	4.6	30	0.6	0.9	2.1	–
	49.8	309	2.7	3.7	4.9	35	0.9	1.2	2.1	17
	62.2	340	3.0	3.7	5.2	38	0.9	1.2	2.4	20

Performance Notes:

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- Air Flow is in litres per second, l/s.
- All pressures are in inches of water.
- Throw values are given in metres to terminal velocities of 0.76-0.51-0.25 m/s.
- Throw data is based on supply air and room air at isothermal condition.
- The NC values, sound pressure level are based on a room absorption of 10 dB re 10⁻¹² Watts one diffuser.
- Blanks "-" indicate an NC level below 15.

PERFORMANCE DATA – ADVS SWIRL

Maximum Flow Selection Table – Metric Units

Inlet Size (mm)	Neck Velocity (m/s)	2.03	2.54	3.05	3.56	4.06	4.57	5.08
	Velocity Pressure (Pa)	2.5	3.9	5.6	7.6	9.9	12.6	15.5
150	Static Pressure (Pa)				13.6	17.7	22.5	27.8
	Total Pressure (Pa)				21.2	27.7	35.0	43.3
	Flow rate (l/s)				65	74	83	93
	Sound (NC)				16	20	24	28
	Throw (m)				0.3-0.6-1.5	0.3-0.9-1.5	0.6-0.9-1.8	0.6-0.9-2.1
200	Static Pressure (Pa)		15.8	22.8	31.1	40.9	52.0	64.6
	Total Pressure (Pa)		19.7	28.4	38.7	50.8	64.5	80.1
	Flow rate (l/s)		82	99	115	132	148	165
	Sound (NC)		–	19	24	29	33	36
	Throw (m)		0.6-0.9-1.8	0.6-1.2-1.8	0.9-1.2-2.1	0.9-1.5-2.1	1.2-1.5-2.4	1.2-1.8-2.4
250	Static Pressure (Pa)	12.8	20.1	29.1	39.9	52.7	67.5	
	Total Pressure (Pa)	15.3	23.9	34.7	47.5	62.6	80.1	
	Flow rate (l/s)	103	129	154	180	206	232	
	Sound (NC)	–	20	26	31	36	40	
	Throw (m)	0.6-1.2-1.8	0.9-1.5-2.1	1.2-1.8-2.4	1.2-1.8-2.7	1.5-1.8-2.7	1.8-2.1-3.0	
300	Static Pressure (Pa)	21.9	34.4	50.0	68.9			
	Total Pressure (Pa)	24.3	38.3	55.6	76.5			
	Flow rate (l/s)	148	185	222	259			
	Sound (NC)	21	28	34	39			
	Throw (m)	0.9-1.5-2.7	1.2-1.8-3.0	1.5-2.1-3.4	1.5-2.4-3.7			

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- All pressures are in inches of water.
- Throw values are given in metres to terminal velocities of 0.76-0.51-0.25 m/s.
- Throw data is based on supply air and room air at isothermal condition.
- The NC values, sound pressure level are based on a room absorption of 10 dB re 10⁻¹² Watts one diffuser.
- Blanks "-" indicate an NC level below 15.

Modulated Flow Selection Table – Metric Units

Inlet Size (mm)	Inlet Static Pressure (Pa)	Maximum Flow (l/s)	Maximum Flow Rate				25% Maximum Flow Rate			
			Throw (m)		Sound (NC)	Throw (m)		Sound (NC)		
150	12.4	61	0.3	0.6	1.2	–	0.0	0.0	0.3	–
	24.9	87	0.6	0.9	1.8	26	0.0	0.0	0.3	17
	37.3	106	0.9	1.2	2.1	32	0.0	0.3	0.6	22
	49.8	123	0.9	1.2	2.4	37	0.0	0.3	0.9	25
	62.2	137	0.9	1.5	2.4	41	0.0	0.3	0.9	28
200	12.4	73	0.3	0.9	1.5	–	0.0	0.0	0.3	–
	24.9	104	0.6	1.2	2.1	21	0.0	0.3	0.6	17
	37.3	127	0.9	1.5	2.1	27	0.0	0.3	0.9	22
	49.8	146	1.2	1.5	2.4	32	0.0	0.3	0.9	25
	62.2	163	1.2	1.8	2.4	36	0.3	0.3	0.9	28
250	12.4	104	0.6	1.2	2.1	–	0.0	0.3	0.6	17
	24.9	144	0.9	1.5	2.4	24	0.0	0.3	0.9	24
	37.3	175	1.2	1.8	2.4	30	0.3	0.6	0.9	30
	49.8	201	1.5	1.8	2.7	35	0.3	0.6	0.9	33
	62.2	224	1.5	2.1	3.0	39	0.3	0.6	1.2	36
300	12.4	113	0.6	1.2	2.1	–	0.0	0.3	0.6	–
	24.9	160	0.9	1.5	2.7	23	0.3	0.3	0.9	22
	37.3	193	1.2	1.8	3.0	29	0.3	0.6	0.9	28
	49.8	222	1.5	2.1	3.4	34	0.3	0.6	1.2	31
	62.2	248	1.5	2.4	3.7	38	0.6	0.9	1.2	34

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- Throw data is based on supply air and room air at isothermal condition.
- The NC values, sound pressure level are based on a room absorption of 10 dB re 10⁻¹² Watts one diffuser.
- Blanks "-" indicate an NC level below 15.

PERFORMANCE DATA – ADVL LINEAR (LOCATION – CEILING MOUNT)

Maximum Flow Selection Table – Metric Units

ADVL 1-Slot 1-Way Linear (Ceiling Mount)

Nominal Length (mm)	Neck Velocity (m/s)	1.02	1.52	2.03	2.54	3.05	3.56	4.06
	Velocity Pressure (Pa)	0.6	1.4	2.5	3.9	5.6	7.6	9.9
600	Static Pressure (Pa)		24.0	48.0	72.4			
	Total Pressure (Pa)		25.4	50.4	76.3			
	Flow Rate (l/s)		28	37	46			
	Sound (NC)		19	26	32			
	Throw (m)		3.2-2.5-1.4	6.0-4.3-2.9	7.5-5.7-3.6			
900	Static Pressure (Pa)			17.8	30.0	43.8	60.1	76.4
	Total Pressure (Pa)			20.2	33.8	49.4	67.7	86.3
	Flow Rate (l/s)			37	46	56	65	74
	Sound (NC)			17	22	26	30	34
	Throw (m)			2.8-2.1-1.6	4.1-3.2-2.3	5.7-4.4-2.9	7.2-5.4-3.6	8.1-5.9-4.1
1200	Static Pressure (Pa)		17.7	32.2	49.5			
	Total Pressure (Pa)		19.1	34.6	53.4			
	Flow Rate (l/s)		49	66	82			
	Sound (NC)		12	26	31			
	Throw (m)		3.4-2.4-1.6	6.4-4.5-2.6	7.7-5.5-3.3			
1500	Static Pressure (Pa)		13.6	22.3	35.1	49.5	71.1	
	Total Pressure (Pa)		15.0	24.8	38.9	55.1	78.7	
	Flow Rate (l/s)		49	66	82	99	115	
	Sound (NC)		11	23	29	32	37	
	Throw (m)		2.3-1.9-1.5	3.4-2.7-2.0	5.2-4.4-2.8	6.2-4.8-3.3	8.1-6.0-3.9	

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- All pressures are in inches of water.
- Throw values are given in metres to terminal velocities of 0.76-0.51-0.25 m/s.
- Throw data is based on supply air and room air at isothermal condition.
- The NC values, sound pressure level are based on a room absorption of 10 dB re 10⁻¹² Watts one diffuser.
- Blanks "-" indicate an NC level below 15.

ADVL 2-Slot 1-Way Linear (Ceiling Mount)

Nominal Length (mm)	Neck Velocity (m/s)	2.03	2.54	3.05	3.56	4.06	4.57	5.08
	Velocity Pressure (Pa)	2.5	3.9	5.6	7.6	9.9	12.6	15.5
600	Static Pressure (Pa)	19.2	30.0	42.2	55.9	72.2		
	Total Pressure (Pa)	21.7	33.8	47.8	63.5	82.2		
	Flow Rate (l/s)	37	46	56	65	74		
	Sound (NC)	18	22	27	30	34		
	Throw (m)	2.8-2.1-1.5	4.0-3.2-2.1	5.5-4.3-2.7	6.6-4.9-3.1	7.5-5.4-3.6		
900	Static Pressure (Pa)		17.1	24.1	33.6	44.8	59.5	
	Total Pressure (Pa)		21.0	29.7	41.2	54.8	72.1	
	Flow Rate (l/s)		46	56	65	74	83	
	Sound (NC)		19	23	25	28	32	
	Throw (m)		2.4-1.6-1.1	3.2-2.5-1.8	4.3-3.3-2.3	5.4-4.1-2.8	6.4-5.0-3.2	
1200	Static Pressure (Pa)		18.5	27.8	38.7	49.5	63.9	78.4
	Total Pressure (Pa)		22.4	33.4	46.3	59.5	76.5	93.9
	Flow Rate (l/s)		82	99	115	132	148	165
	Sound (NC)		20	25	30	32	35	39
	Throw (m)		4.2-3.5-2.2	6.1-5.1-3.2	8.1-6.3-4.1	8.8-6.6-4.4	9.2-7.0-4.8	9.6-7.4-5.2
1500	Static Pressure (Pa)		13.4	20.6	28.5	37.1	48.0	58.8
	Total Pressure (Pa)		17.3	26.2	36.1	47.1	60.5	74.3
	Flow Rate (l/s)		82	99	115	132	148	165
	Sound (NC)		18	22	26	30	32	34
	Throw (m)		2.4-1.7-1.2	4.1-3.1-2.1	5.6-4.3-2.8	6.9-5.1-3.3	7.3-5.4-3.6	7.8-6.0-3.9

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- Tested in accordance with ASHRAE Standard 70-2006 (RA2011) "Method of Testing for Rating the Performance of Air Outlets and Inlets"
- Air Flow is in litres per second, l/s.
- All pressures are in inches of water.
- Throw values are given in metres to terminal velocities of 0.76-0.51-0.25 m/s.
- Throw data is based on supply air and room air at isothermal condition.
- The NC values, sound pressure level are based on a room absorption of 10 dB re 10⁻¹² Watts one diffuser.
- Blanks "-" indicate an NC level below 15.

PERFORMANCE DATA – ADVL LINEAR (LOCATION – CEILING MOUNT)

Maximum Flow Selection Table – Metric Units

ADVL 2-Slot 2-Way Linear (Ceiling Mount)

Nominal Length (mm)	Neck Velocity (m/s)	2.03	2.54	3.05	3.56	4.06	4.57	5.08
	Velocity Pressure (Pa)	2.5	3.9	5.6	7.6	9.9	12.6	15.5
600	Static Pressure (Pa)	17.8	28.3	36.4	46.0	57.3	69.5	81.7
	Total Pressure (Pa)	20.2	32.2	42.0	53.6	67.2	82.1	97.2
	Flow Rate (l/s)	37	46	56	65	74	83	93
	Sound (NC)	15	17	21	24	28	33	38
	Throw (m)	1.6-1.3-0.9	2.2-1.8-1.2	3.2-2.5-1.4	3.5-2.8-1.7	4.3-3.4-2.3	5.4-4.1-3.0	6.5-4.8-3.7
900	Static Pressure (Pa)		18.9	25.9	32.9	41.7	55.3	71.6
	Total Pressure (Pa)		22.8	31.5	40.5	51.7	67.9	87.1
	Flow Rate (l/s)		46	56	65	74	83	93
	Sound (NC)		16	17	20	25	30	35
	Throw (m)		2.0-1.5-0.9	2.6-1.9-1.2	3.0-2.3-1.6	3.6-2.8-2.1	4.4-3.5-2.7	5.3-3.9-3.2
1200	Static Pressure (Pa)		18.5	27.8	38.7	49.5	63.9	78.4
	Total Pressure (Pa)		22.4	33.4	46.3	59.5	76.5	93.9
	Flow Rate (l/s)		82	99	115	132	148	165
	Sound (NC)		17	21	25	29	34	38
	Throw (m)		3.3-2.5-1.8	4.2-3.5-2.7	4.9-4.1-3.3	6.2-5.1-3.7	7.1-5.5-4.1	7.9-6.0-4.5
1500	Static Pressure (Pa)		13.2	19.5	26.0	34.7	44.8	55.7
	Total Pressure (Pa)		17.1	25.0	33.6	44.6	57.4	71.2
	Flow Rate (l/s)		82	99	115	132	148	165
	Sound (NC)		15	18	21	25	29	32
	Throw (m)		2.2-1.5-1.1	2.6-1.9-1.3	3.0-2.3-1.5	3.5-2.8-1.8	4.5-3.6-2.3	5.8-4.5-2.9

Performance Notes:

- All SI (metric) values are soft conversion from I-P
- Tested in accordance with ASHRAE Standard 70-2006 (RA2011) "Method of Testing for Rating the Performance of Air Outlets and Inlets"
- Air Flow is in litres per second, l/s.
- All pressures are in inches of water.
- Throw values are given in metres to terminal velocities of 0.76-0.51-0.25 m/s.
- Throw data is based on supply air and room air at isothermal condition.
- The NC values, sound pressure level are based on a room absorption of 10 dB re 10⁻¹² Watts one diffuser.
- Blanks "-" indicate an NC level below 15.

ADVL 4-Slot 1-Way Linear (Ceiling Mount)

Nominal Length (mm)	Neck Velocity (m/s)	3.05	3.56	4.06	4.57	5.08	5.59	6.10
	Velocity Pressure (Pa)	5.6	7.6	9.9	12.6	15.5	18.8	22.3
600	Static Pressure (Pa)	24.8	33.4	43.3	54.8	67.2	79.6	
	Total Pressure (Pa)	30.4	41.0	53.2	67.4	82.7	98.4	
	Flow Rate (l/s)	99	115	132	148	165	181	
	Sound (NC)	26	27	30	34	37	40	
	Throw (m)	4.7-3.6-2.5	6.3-4.9-3.1	7.1-5.7-3.5	7.5-6.1-4.0	7.8-6.9-4.7	8.2-7.6-5.4	
900	Static Pressure (Pa)	17.7	23.9	31.0	38.4	47.0	57.2	68.1
	Total Pressure (Pa)	23.3	31.5	40.9	50.9	62.6	76.0	90.4
	Flow Rate (l/s)	99	115	132	148	165	181	198
	Sound (NC)	20	25	28	30	33	36	38
	Throw (m)	3.4-2.9-2.1	4.9-4.2-2.8	6.0-4.7-3.3	7.0-5.2-3.7	7.5-6.3-4.2	7.9-6.8-4.6	8.2-7.1-4.9
1200	Static Pressure (Pa)	13.6	18.8	24.1	30.6	37.4	44.4	54.1
	Total Pressure (Pa)	19.2	26.4	34.0	43.2	52.9	63.2	76.5
	Flow Rate (l/s)	154	180	206	232	257	283	309
	Sound (NC)	16	22	27	31	34	36	39
	Throw (m)	6.0-4.9-3.4	6.6-5.5-3.9	7.2-6.1-4.3	8.3-7.2-5.1	9.5-8.4-5.9	12.5-10.1-7.2	13.1-11.0-8.1
1500	Static Pressure (Pa)	17.7	23.4	30.5	38.1	47.4	57.3	67.2
	Total Pressure (Pa)	23.2	31.0	40.4	50.7	63.0	76.0	89.6
	Flow Rate (l/s)	222	259	297	334	371	408	445
	Sound (NC)	21	27	31	34	37	40	42
	Throw (m)	7.4-6.3-4.6	8.8-7.7-5.3	10.3-8.7-6.0	11.8-9.6-6.7	12.9-10.7-7.8	14.0-11.6-8.7	15.2-12.5-9.6

Performance Notes:

- All SI (metric) values are soft conversion from I-P
- Tested in accordance with ASHRAE Standard 70-2006 (RA2011) "Method of Testing for Rating the Performance of Air Outlets and Inlets"
- Air Flow is in litres per second, l/s.
- All pressures are in inches of water.
- Throw values are given in metres to terminal velocities of 0.76-0.51-0.25 m/s.
- Throw data is based on supply air and room air at isothermal condition.
- The NC values, sound pressure level are based on a room absorption of 10 dB re 10⁻¹² Watts one diffuser.
- Blanks "-" indicate an NC level below 15.

PERFORMANCE DATA – ADVL LINEAR (LOCATION – CEILING MOUNT)

Maximum Flow Selection Table – Metric Units

ADVL 4-Slot 2-Way Linear (Ceiling Mount)

Nominal Length (mm)	Neck Velocity (m/s)	3.05	3.56	4.06	4.57	5.08	5.59	6.10
	Velocity Pressure (Pa)	5.6	7.6	9.9	12.6	15.5	18.8	22.3
600	Static Pressure (Pa)	24.8	33.4	43.3	54.8	67.2	79.6	
	Total Pressure (Pa)	30.4	41.0	53.2	67.4	82.7	98.4	
	Flow Rate (l/s)	99	115	132	148	165	181	
	Sound (NC)	23	25	28	31	34	37	
	Throw (m)	2.6-1.8-1.1	3.1-2.3-1.6	3.6-2.9-2.2	4.3-3.6-2.7	5.0-4.3-3.1	5.8-5.0-3.4	
900	Static Pressure (Pa)	16.5	22.3	28.9	35.9	44.6	54.1	65.0
	Total Pressure (Pa)	22.1	29.9	38.8	48.4	60.1	72.9	87.3
	Flow Rate (l/s)	99	115	132	148	165	181	198
	Sound (NC)	18	21	24	27	29	32	35
	Throw (m)	2.2-1.7-1.2	2.7-2.0-1.4	3.2-2.4-1.7	3.6-2.8-2.1	4.1-3.4-2.6	4.6-3.9-3.1	5.3-4.6-3.4
1200	Static Pressure (Pa)	18.1	24.0	31.3	39.3	49.0	58.6	68.3
	Total Pressure (Pa)	23.7	31.6	41.2	51.8	64.5	77.4	90.7
	Flow Rate (l/s)	154	180	206	232	257	283	309
	Sound (NC)	20	24	29	33	37	38	40
	Throw (m)	3.4-2.9-2.2	3.9-3.2-2.5	4.6-3.9-2.9	5.3-4.5-3.3	6.1-5.1-3.6	7.0-5.9-4.2	7.9-6.8-4.7
1500	Static Pressure (Pa)	15.4	21.0	27.0	33.9	41.7	50.3	60.0
	Total Pressure (Pa)	21.0	28.6	36.9	46.5	57.2	69.0	82.4
	Flow Rate (l/s)	222	259	297	334	371	408	445
	Sound (NC)	22	37	31	34	36	39	41
	Throw (m)	3.6-3.1-2.4	4.0-3.4-2.7	4.6-3.9-3.0	5.5-4.7-3.5	6.2-5.4-3.9	7.0-5.9-4.4	7.6-6.5-4.7

Performance Notes:

- All SI (metric) values are soft conversion from I-P
- Tested in accordance with ASHRAE Standard 70-2006 (RA2011) "Method of Testing for Rating the Performance of Air Outlets and Inlets"
- Air Flow is in litres per second, l/s.
- All pressures are in inches of water.
- Throw values are given in metres to terminal velocities of 0.76-0.51-0.25 m/s.
- Throw data is based on supply air and room air at isothermal condition.
- The NC values, sound pressure level are based on a room absorption of 10 dB re 10⁻¹² Watts one diffuser.
- Blanks "-" indicate an NC level below 15.

PERFORMANCE DATA – ADVL LINEAR (LOCATION – WALL MOUNT)

Maximum Flow Selection Table – Metric Units

ADVL 1-Slot 1-Way Linear (Wall Mount)

Nominal Length (mm)	Neck Velocity (m/s)	1.02	1.52	2.03	2.54	3.05	3.56	4.06
	Velocity Pressure (Pa)	0.6	1.4	2.5	3.9	5.6	7.6	9.9
600	Static Pressure (Pa)		24.0	48.0	72.4			
	Total Pressure (Pa)		25.4	50.4	76.3			
	Flow Rate (l/s)		28	37	46			
	Sound (NC)		19	24	29			
	Throw (m)		1.8-1.4-1.4	2.1-1.8-1.5	2.9-2.5-2.1			
900	Static Pressure (Pa)			17.8	30.0	43.8	60.1	76.4
	Total Pressure (Pa)			20.2	33.8	49.4	67.7	86.3
	Flow Rate (l/s)			37	46	56	65	74
	Sound (NC)			17	20	24	27	31
	Throw (m)			1.6-1.3-1.0	1.8-1.5-1.5	2.2-1.8-1.7	2.6-2.2-1.8	2.6-2.2-1.8
1200	Static Pressure (Pa)		17.7	32.2	49.5			
	Total Pressure (Pa)		19.1	34.6	53.4			
	Flow Rate (l/s)		49	66	82			
	Sound (NC)		12	23	28			
	Throw (m)		1.6-1.3-1.1	2.0-1.7-1.3	2.6-2.2-1.8			
1500	Static Pressure (Pa)		13.6	22.3	35.1	49.5	71.1	
	Total Pressure (Pa)		15.0	24.8	38.9	55.1	78.7	
	Flow Rate (l/s)		49	66	82	99	115	
	Sound (NC)		9	21	25	29	34	
	Throw (m)		1.5-1.1-1.1	1.8-1.4-1.4	2.4-2.1-1.8	2.6-2.2-1.8	3.2-2.2-1.8	

Performance Notes:

- All SI (metric) values are soft conversion from I-P
- Tested in accordance with ASHRAE Standard 70-2006 (RA2011) "Method of Testing for Rating the Performance of Air Outlets and Inlets"
- Air Flow is in litres per second, l/s.
- All pressures are in inches of water.
- Throw values are given in metres to terminal velocities of 0.76-0.51-0.25 m/s.
- Throw data is based on supply air and room air at isothermal condition.
- The NC values, sound pressure level are based on a room absorption of 10 dB re 10⁻¹² Watts one diffuser.
- Blanks "-" indicate an NC level below 15.

ADVL 2-Slot 1-Way Linear (Wall Mount)

Nominal Length (mm)	Neck Velocity (m/s)	2.03	2.54	3.05	3.56	4.06	4.57	5.08
	Velocity Pressure (Pa)	2.5	3.9	5.6	7.6	9.9	12.6	15.5
600	Static Pressure (Pa)	19.2	30.0	42.2	55.9	72.2	88.5	
	Total Pressure (Pa)	21.7	33.8	47.8	63.5	82.2	101.1	
	Flow Rate (l/s)	37	46	56	65	74	83	
	Sound (NC)	17	21	25	30	33	35	
	Throw (m)	1.7-1.3-1.3	2.0-1.6-1.5	2.3-2.0-1.6	2.6-2.2-1.8	2.6-2.2-1.8	2.6-2.2-1.8	
900	Static Pressure (Pa)		17.1	24.1	33.6	44.8	59.5	75.8
	Total Pressure (Pa)		21.0	29.7	41.2	54.8	72.1	91.3
	Flow Rate (l/s)		46	56	65	74	83	93
	Sound (NC)		18	22	23	27	31	33
	Throw (m)		1.2-0.9-0.9	1.4-1.1-1.1	1.7-1.4-1.4	2.0-1.7-1.5	2.5-2.1-1.7	3.0-2.6-2.2
1200	Static Pressure (Pa)		18.5	27.8	38.7	49.5	63.9	78.4
	Total Pressure (Pa)		22.4	33.4	46.3	59.5	76.5	93.9
	Flow Rate (l/s)		82	99	115	132	148	165
	Sound (NC)		19	24	27	30	32	35
	Throw (m)		2.7-2.4-2.0	3.0-2.6-2.3	3.3-3.0-2.6	3.7-3.3-2.9	3.7-3.3-2.9	3.7-3.3-2.9
1500	Static Pressure (Pa)		13.4	20.6	28.5	37.1	48.0	58.8
	Total Pressure (Pa)		17.3	26.2	36.1	47.1	60.5	74.3
	Flow Rate (l/s)		82	99	115	132	148	165
	Sound (NC)		16	20	24	27	30	31
	Throw (m)		1.9-1.5-1.2	2.3-1.9-1.6	2.7-2.3-1.9	2.9-2.6-2.2	3.2-2.9-2.2	3.6-2.9-2.5

Performance Notes:

- All SI (metric) values are soft conversion from I-P
- Tested in accordance with ASHRAE Standard 70-2006 (RA2011) "Method of Testing for Rating the Performance of Air Outlets and Inlets"
- Air Flow is in litres per second, l/s.
- All pressures are in inches of water.
- Throw values are given in metres to terminal velocities of 0.76-0.51-0.25 m/s.
- Throw data is based on supply air and room air at isothermal condition.
- The NC values, sound pressure level are based on a room absorption of 10 dB re 10⁻¹² Watts one diffuser.
- Blanks "-" indicate an NC level below 15.

PERFORMANCE DATA – ADVL LINEAR (LOCATION – WALL MOUNT)

Maximum Flow Selection Table – Metric Units

ADVL 4-Slot 1-Way Linear (Wall Mount)

Nominal Length (mm)	Neck Velocity (m/s)	3.05	3.56	4.06	4.57	5.08	5.59	6.10
	Velocity Pressure (Pa)	5.6	7.6	9.9	12.6	15.5	18.8	22.3
600	Static Pressure (Pa)	24.8	33.4	43.3	54.8	67.2	79.6	
	Total Pressure (Pa)	30.4	41.0	53.2	67.4	82.7	98.4	
	Flow Rate (l/s)	99	115	132	148	165	181	
	Sound (NC)	19	21	24	29	33	37	
	Throw (m)	2.6-2.2-1.8	2.8-2.4-2.1	2.9-2.6-2.2	3.1-2.7-2.3	3.4-3.1-2.7	3.8-3.4-3.1	
900	Static Pressure (Pa)	17.7	23.9	31.0	38.4	47.0	57.2	68.1
	Total Pressure (Pa)	23.3	31.5	40.9	50.9	62.6	76.0	90.4
	Flow Rate (l/s)	99	115	132	148	165	181	198
	Sound (NC)	19	24	26	28	31	34	38
	Throw (m)	1.8-1.4-1.3	2.1-1.8-1.4	2.4-2.0-1.6	2.6-2.2-1.9	2.8-2.5-2.1	2.9-2.6-2.2	2.9-2.6-2.2
1200	Static Pressure (Pa)	13.6	18.8	24.1	30.6	37.4	44.4	54.1
	Total Pressure (Pa)	19.2	26.4	34.0	43.2	52.9	63.2	76.5
	Flow Rate (l/s)	154	180	206	232	257	283	309
	Sound (NC)	16	21	25	29	32	33	38
	Throw (m)	3.4-2.6-2.2	3.7-2.9-2.4	4.0-3.2-2.5	4.0-3.3-2.6	4.0-3.3-2.6	4.6-3.9-3.1	4.9-4.2-3.4
1500	Static Pressure (Pa)	17.7	23.4	30.5	38.2	48.0	57.7	67.5
	Total Pressure (Pa)	23.2	31.0	40.4	50.7	63.5	76.5	89.8
	Flow Rate (l/s)	222	259	297	334	371	408	445
	Sound (NC)	20	26	29	32	35	38	40
	Throw (m)	4.3-3.6-2.9	4.7-3.9-3.2	4.8-4.0-3.3	4.8-4.0-3.3	5.4-4.3-3.6	6.0-5.1-4.1	6.5-6.0-4.7

Performance Notes:

- All SI (metric) values are soft conversion from I-P
- Tested in accordance with ASHRAE Standard 70-2006 (RA2011) "Method of Testing for Rating the Performance of Air Outlets and Inlets"
- Air Flow is in litres per second, l/s.
- All pressures are in inches of water.
- Throw values are given in metres to terminal velocities of 0.76-0.51-0.25 m/s.
- Throw data is based on supply air and room air at isothermal condition.
- The NC values, sound pressure level are based on a room absorption of 10 dB re 10⁻¹² Watts one diffuser.
- Blanks "-" indicate an NC level below 15.

PERFORMANCE DATA – ADVL LINEAR (LOCATION – CEILING MOUNT)

Modulated Flow Selection Table – Metric Units

ADVL 1-Slot 1-Way Linear (Ceiling Mount)

Nominal Length (mm)	Inlet Static Pressure (Pa)	Maximum Flow (l/s)	Maximum Flow Rate				25% Maximum Flow Rate			
			Throw (m)		Sound (NC)	Throw (m)		Sound (NC)		
600	12.4	21	2.2	1.5	1.1	15	1.5	1.1	0.4	–
	24.9	28	3.3	2.6	1.5	19	2.2	1.5	0.7	15
	37.3	33	4.8	3.7	2.6	23	2.9	2.2	1.5	16
	49.8	38	6.2	4.4	2.9	27	3.7	2.9	1.8	21
	62.2	42	6.9	5.1	3.3	30	4.4	3.3	2.2	24
900	12.4	33	2.2	1.5	1.1	15	1.5	1.1	0.4	–
	24.9	42	3.7	2.9	2.2	20	2.2	1.5	0.7	15
	37.3	52	4.8	3.7	2.6	24	2.9	2.2	1.5	17
	49.8	59	6.6	5.1	3.3	28	3.7	2.6	1.8	21
	62.2	66	7.3	5.5	3.7	31	4.4	3.3	2.2	24
1200	12.4	42	2.2	1.5	1.1	16	1.5	1.1	0.4	15
	24.9	59	5.1	3.7	2.2	23	2.9	2.2	1.5	17
	37.3	71	7.3	5.1	2.9	28	4.4	2.9	1.8	20
	49.8	83	7.7	5.5	3.3	31	4.8	3.7	2.2	24
	62.2	90	8.0	6.2	4.0	34	5.1	4.4	2.6	28
1500	12.4	47	2.2	1.8	1.5	17	1.5	1.1	0.4	15
	24.9	71	3.7	2.9	2.2	24	2.2	1.5	0.7	19
	37.3	85	5.5	4.8	2.9	30	3.3	2.2	1.5	23
	49.8	99	6.2	4.8	3.3	32	3.7	2.6	1.8	26
	62.2	109	7.3	5.5	3.7	35	4.4	3.3	2.2	29

Performance Notes:

- All SI (metric) values are soft conversion from I-P
- Tested in accordance with ASHRAE Standard 70-2006 (RA2011) "Method of Testing for Rating the Performance of Air Outlets and Inlets"
- Air Flow is in litres per second, l/s.
- All pressures are in inches of water.
- Throw values are given in metres to terminal velocities of 0.76-0.51-0.25 m/s.
- Throw data is based on supply air and room air at isothermal condition.
- The NC values, sound pressure level are based on a room absorption of 10 dB re 10⁻¹² Watts one diffuser.
- Blanks "-" indicate an NC level below 15.

ADVL 2-Slot 1-Way Linear (Ceiling Mount)

Nominal Length (mm)	Inlet Static Pressure (Pa)	Maximum Flow (l/s)	Maximum Flow Rate				25% Maximum Flow Rate			
			Throw (m)		Sound (NC)	Throw (m)		Sound (NC)		
600	12.4	31	2.2	1.5	1.1	15	1.5	1.1	0.4	15
	24.9	42	3.3	2.6	1.8	20	2.2	1.5	0.7	19
	37.3	52	5.1	4.0	2.6	25	3.3	2.2	1.5	24
	49.8	61	6.2	4.8	2.9	29	3.7	2.6	1.8	28
	62.2	68	6.9	5.1	3.3	32	4.4	3.3	2.2	31
900	12.4	40	1.8	1.1	0.7	16	1.1	0.4	0.4	15
	24.9	57	3.3	2.6	1.8	23	1.8	1.5	0.7	22
	37.3	68	4.8	3.7	2.6	26	2.9	2.2	1.5	25
	49.8	78	5.9	4.4	2.9	30	3.7	2.6	1.8	29
	62.2	85	6.6	5.1	3.3	33	4.4	3.3	2.2	32
1200	12.4	71	2.9	2.2	1.5	17	1.8	1.5	0.7	15
	24.9	94	5.5	4.8	2.9	24	3.3	2.2	1.5	20
	37.3	113	8.0	6.2	4.0	30	4.8	3.3	2.2	26
	49.8	132	8.8	6.6	4.4	32	5.1	4.0	2.6	28
	62.2	146	9.1	6.9	4.8	35	5.5	4.4	2.6	31
1500	12.4	80	2.2	1.5	1.1	17	1.5	1.1	0.4	16
	24.9	109	5.1	4.0	2.6	24	2.9	2.2	1.5	23
	37.3	132	6.9	5.1	3.3	30	4.4	2.9	1.8	29
	49.8	151	7.3	5.5	3.7	32	4.4	3.3	2.2	31
	62.2	170	8.0	6.2	4.0	35	4.8	3.7	2.2	34

Performance Notes:

- All SI (metric) values are soft conversion from I-P
- Tested in accordance with ASHRAE Standard 70-2006 (RA2011) "Method of Testing for Rating the Performance of Air Outlets and Inlets"
- Air Flow is in litres per second, l/s.
- All pressures are in inches of water.
- Throw values are given in metres to terminal velocities of 0.76-0.51-0.25 m/s.
- Throw data is based on supply air and room air at isothermal condition.
- The NC values, sound pressure level are based on a room absorption of 10 dB re 10⁻¹² Watts one diffuser.
- Blanks "-" indicate an NC level below 15.

PERFORMANCE DATA – ADVL LINEAR (LOCATION – CEILING MOUNT)

Modulated Flow Selection Table – Metric Units

ADVL 2-Slot 2-Way Linear (Ceiling Mount)

Nominal Length (mm)	Inlet Static Pressure (Pa)	Maximum Flow (l/s)	Maximum Flow Rate				25% Maximum Flow Rate			
			Throw (m)		Sound (NC)	Throw (m)		Sound (NC)		
600	12.4	33	1.5	1.1	0.7	–	1.1	0.4	0.4	–
	24.9	42	1.8	1.5	1.1	15	1.5	1.1	0.4	15
	37.3	57	3.3	2.6	1.5	21	2.2	1.5	1.1	20
	49.8	68	3.7	2.9	1.8	25	2.6	1.8	1.1	24
	62.2	78	4.8	3.7	2.6	30	2.9	2.2	1.5	29
900	12.4	38	1.5	1.1	0.7	15	1.1	0.4	0.4	–
	24.9	54	2.6	1.8	1.1	16	1.5	1.1	0.4	15
	37.3	71	3.3	2.6	1.8	23	2.2	1.5	0.7	22
	49.8	80	4.0	3.3	2.6	28	2.6	1.8	1.1	27
	62.2	87	4.8	3.7	2.9	32	2.9	2.2	1.5	31
1200	12.4	71	2.6	1.8	1.1	15	1.5	1.1	0.4	15
	24.9	94	4.0	3.3	2.6	20	2.2	1.5	0.7	19
	37.3	113	4.8	4.0	3.3	25	2.9	2.2	1.5	25
	49.8	132	6.2	5.1	3.7	29	3.7	2.6	1.8	29
	62.2	146	6.9	5.5	4.0	33	4.4	3.3	2.2	32
1500	12.4	80	2.2	1.5	1.1	15	1.5	1.1	0.4	15
	24.9	113	2.9	2.2	1.5	20	1.8	1.1	0.7	19
	37.3	137	3.7	2.9	1.8	26	2.6	1.5	1.1	25
	49.8	156	5.1	4.0	2.6	31	3.3	2.2	1.5	30
	62.2	175	6.6	5.1	3.3	34	4.0	2.9	1.8	33

Performance Notes:

- All SI (metric) values are soft conversion from I-P
- Tested in accordance with ASHRAE Standard 70-2006 (RA2011) "Method of Testing for Rating the Performance of Air Outlets and Inlets"
- Air Flow is in litres per second, l/s.
- All pressures are in inches of water.
- Throw values are given in metres to terminal velocities of 0.76-0.51-0.25 m/s.
- Throw data is based on supply air and room air at isothermal condition.
- The NC values, sound pressure level are based on a room absorption of 10 dB re 10⁻¹² Watts one diffuser.
- Blanks "-" indicate an NC level below 15.

ADVL 4-Slot 1-Way Linear (Ceiling Mount)

Nominal Length (mm)	Inlet Static Pressure (Pa)	Maximum Flow (l/s)	Maximum Flow Rate				25% Maximum Flow Rate			
			Throw (m)		Sound (NC)	Throw (m)		Sound (NC)		
600	12.4	71	2.2	1.8	1.1	15	1.5	1.1	0.4	15
	24.9	99	4.8	3.7	2.6	26	2.9	2.2	1.5	24
	37.3	123	6.9	5.5	3.3	28	4.0	2.9	1.8	26
	49.8	142	7.3	5.9	3.7	33	4.4	3.3	2.2	31
	62.2	158	7.7	6.6	4.4	36	4.8	3.7	2.6	34
900	12.4	85	2.2	1.8	1.5	15	1.5	1.1	0.4	15
	24.9	118	5.1	4.4	2.9	26	2.9	2.2	1.5	24
	37.3	146	6.9	5.1	3.7	30	4.0	2.9	1.8	28
	49.8	170	7.7	6.6	4.4	34	4.8	3.7	2.6	32
	62.2	189	8.0	6.9	4.8	37	5.1	4.4	2.6	35
1200	12.4	149	5.9	4.8	3.3	15	3.3	2.6	1.5	15
	24.9	210	7.3	6.2	4.4	28	3.7	2.9	1.8	26
	37.3	257	9.5	8.4	5.9	34	4.8	3.7	2.6	32
	49.8	297	12.8	10.6	7.7	38	6.9	5.5	3.3	36
	62.2	330	13.5	11.7	8.8	42	7.7	6.6	4.4	39
1500	12.4	189	6.2	5.1	4.0	16	3.3	2.6	1.5	15
	24.9	269	9.1	8.0	5.5	28	4.4	3.7	2.6	20
	37.3	330	11.7	9.5	6.6	34	5.5	4.8	3.3	31
	49.8	380	13.2	11.0	8.0	38	7.7	5.9	4.4	36
	62.2	426	14.6	12.1	9.1	41	9.1	6.9	5.1	38

Performance Notes:

- All SI (metric) values are soft conversion from I-P
- Tested in accordance with ASHRAE Standard 70-2006 (RA2011) "Method of Testing for Rating the Performance of Air Outlets and Inlets"
- Air Flow is in litres per second, l/s.
- All pressures are in inches of water.
- Throw values are given in metres to terminal velocities of 0.76-0.51-0.25 m/s.
- Throw data is based on supply air and room air at isothermal condition.
- The NC values, sound pressure level are based on a room absorption of 10 dB re 10⁻¹² Watts one diffuser.
- Blanks "-" indicate an NC level below 15.

PERFORMANCE DATA – ADVL LINEAR (LOCATION – CEILING MOUNT)

Modulated Flow Selection Table – Metric Units

ADVL 4-Slot 2-Way Linear (Ceiling Mount)

Nominal Length (mm)	Inlet Static Pressure (Pa)	Maximum Flow (l/s)	Maximum Flow Rate				25% Maximum Flow Rate			
			Throw (m)			Sound (NC)	Throw (m)			Sound (NC)
600	12.4	71	1.5	1.1	0.7	15	1.1	0.7	0.4	15
	24.9	99	2.6	1.8	1.1	23	1.5	1.1	0.4	22
	37.3	123	3.3	2.6	1.8	26	1.8	1.5	0.7	25
	49.8	142	4.0	3.3	2.6	30	2.6	1.8	1.1	29
	62.2	158	4.8	4.0	2.9	33	2.9	2.2	1.5	32
900	12.4	87	1.8	1.5	1.1	15	1.1	0.7	0.4	15
	24.9	123	2.9	2.2	1.5	23	1.8	1.5	0.7	22
	37.3	151	3.7	2.9	2.2	27	2.2	1.8	1.1	26
	49.8	175	4.4	3.7	2.9	31	2.9	2.2	1.5	30
	62.2	193	5.1	4.4	3.3	34	3.3	2.6	1.5	33
1200	12.4	130	2.9	2.6	1.8	15	1.8	1.5	1.1	15
	24.9	184	4.0	3.3	2.6	25	3.3	2.6	1.5	24
	37.3	227	5.1	4.4	3.3	32	4.4	3.7	2.6	31
	49.8	260	6.2	5.1	3.7	37	5.1	4.4	2.9	36
	62.2	293	7.3	6.2	4.4	39	5.9	5.1	3.7	38
1500	12.4	203	3.3	2.9	2.2	20	1.8	1.5	1.1	15
	24.9	286	4.4	3.7	2.9	30	3.3	2.6	1.5	20
	37.3	352	5.9	5.1	3.7	35	5.1	4.0	2.6	29
	49.8	406	6.9	5.9	4.4	39	5.5	4.8	2.9	34
	62.2	453	7.7	6.6	4.8	42	6.6	5.5	3.7	36

Performance Notes:

1. All SI (metric) values are soft conversion from I-P
2. Tested in accordance with ASHRAE Standard 70-2006 (RA2011) "Method of Testing for Rating the Performance of Air Outlets and Inlets"
3. Air Flow is in litres per second, l/s.
4. All pressures are in inches of water.
5. Throw values are given in metres to terminal velocities of 0.76-0.51-0.25 m/s.
6. Throw data is based on supply air and room air at isothermal condition.
7. The NC values, sound pressure level are based on a room absorption of 10 dB re 10⁻¹² Watts one diffuser.
8. Blanks "-" indicate an NC level below 15.

PERFORMANCE DATA – ADVL LINEAR (LOCATION – WALL MOUNT)

Modulated Flow Selection Table – Metric Units

ADVL 1-Slot 1-Way Linear (Wall Mount)

Nominal Length (mm)	Inlet Static Pressure (Pa)	Maximum Flow (l/s)	Maximum Flow Rate				25% Maximum Flow Rate			
			Throw (m)			Sound (NC)	Throw (m)			Sound (NC)
600	12.4	21	1.5	1.1	0.7	–	0.4	0.4	0.4	–
	24.9	28	1.8	1.5	1.5	15	0.4	0.4	0.4	–
	37.3	33	1.8	1.5	1.5	21	0.7	0.4	0.4	–
	49.8	38	2.2	1.8	1.5	24	1.1	0.7	0.4	15
	62.2	42	2.6	2.2	1.8	27	1.5	1.1	0.7	21
900	12.4	33	1.5	1.1	0.7	15	0.4	0.4	0.4	–
	24.9	42	1.8	1.5	1.5	19	0.4	0.4	0.4	–
	37.3	52	1.8	1.5	1.5	22	0.7	0.4	0.4	–
	49.8	59	2.6	2.2	1.8	25	1.1	0.7	0.4	15
	62.2	66	2.6	2.2	1.8	28	1.5	1.1	0.7	21
1200	12.4	42	1.5	1.1	1.1	15	0.4	0.4	0.4	–
	24.9	59	1.8	1.5	1.1	21	0.7	0.4	0.4	–
	37.3	71	2.2	1.8	1.5	25	1.1	0.7	0.7	15
	49.8	83	2.6	2.2	1.8	28	1.5	1.1	0.7	21
	62.2	90	2.9	2.6	2.2	31	1.5	1.1	0.7	24
1500	12.4	47	1.5	1.1	1.1	15	0.4	0.4	0.4	–
	24.9	71	1.8	1.5	1.5	22	0.4	0.4	0.4	15
	37.3	85	2.6	2.2	1.8	26	0.7	0.4	0.4	20
	49.8	99	2.6	2.2	1.8	29	0.7	0.4	0.4	22
	62.2	109	2.9	2.2	1.8	32	1.1	0.7	0.7	25

Performance Notes:

- All SI (metric) values are soft conversion from I-P
- Tested in accordance with ASHRAE Standard 70-2006 (RA2011) "Method of Testing for Rating the Performance of Air Outlets and Inlets"
- Air Flow is in litres per second, l/s.
- All pressures are in inches of water.
- Throw values are given in metres to terminal velocities of 0.76-0.51-0.25 m/s.
- Throw data is based on supply air and room air at isothermal condition.
- The NC values, sound pressure level are based on a room absorption of 10 dB re 10⁻¹² Watts one diffuser.
- Blanks "-" indicate an NC level below 15.

ADVL 2-Slot 1-Way Linear (Wall Mount)

Nominal Length (mm)	Inlet Static Pressure (Pa)	Maximum Flow (l/s)	Maximum Flow Rate				25% Maximum Flow Rate			
			Throw (m)			Sound (NC)	Throw (m)			Sound (NC)
600	12.4	31	1.5	1.1	1.1	15	0.4	0.4	0.4	–
	24.9	42	1.8	1.5	1.5	19	0.4	0.4	0.4	15
	37.3	52	2.2	1.8	1.5	23	0.7	0.4	0.4	19
	49.8	61	2.6	2.2	1.8	29	1.1	0.7	0.4	22
	62.2	68	2.6	2.2	1.8	31	1.5	1.1	0.7	25
900	12.4	40	1.1	0.7	0.7	15	0.4	0.4	0.4	–
	24.9	57	1.5	1.1	1.1	22	0.4	0.4	0.4	15
	37.3	68	1.8	1.5	1.5	24	0.7	0.4	0.4	21
	49.8	78	2.2	1.8	1.5	29	0.7	0.4	0.4	26
	62.2	85	2.6	2.2	1.8	31	1.1	0.7	0.7	29
1200	12.4	71	2.6	2.2	1.8	15	0.7	0.4	0.4	–
	24.9	94	2.9	2.6	2.2	23	0.7	0.4	0.4	15
	37.3	113	3.3	2.9	2.6	27	1.1	0.7	0.4	22
	49.8	132	3.7	3.3	2.9	30	1.5	1.1	0.7	23
	62.2	146	3.7	3.3	2.9	32	2.2	1.5	1.1	27
1500	12.4	80	1.8	1.5	1.1	15	0.7	0.4	0.4	–
	24.9	109	2.6	2.2	1.8	23	0.7	0.4	0.4	15
	37.3	132	2.9	2.6	2.2	27	1.1	0.7	0.4	24
	49.8	151	3.3	2.9	2.2	30	1.1	0.7	0.7	27
	62.2	170	3.7	2.9	2.6	32	1.8	1.1	0.7	31

Performance Notes:

- All SI (metric) values are soft conversion from I-P
- Tested in accordance with ASHRAE Standard 70-2006 (RA2011) "Method of Testing for Rating the Performance of Air Outlets and Inlets"
- Air Flow is in litres per second, l/s.
- All pressures are in inches of water.
- Throw values are given in metres to terminal velocities of 0.76-0.51-0.25 m/s.
- Throw data is based on supply air and room air at isothermal condition.
- The NC values, sound pressure level are based on a room absorption of 10 dB re 10⁻¹² Watts one diffuser.
- Blanks "-" indicate an NC level below 15.

PERFORMANCE DATA – ADVL LINEAR (LOCATION – WALL MOUNT)

Modulated Flow Selection Table – Metric Units

ADVL 4-Slot 1-Way Linear (Wall Mount)

Nominal Length (mm)	Inlet Static Pressure (Pa)	Maximum Flow (l/s)	Maximum Flow Rate				25% Maximum Flow Rate			
			Throw (m)			Sound (NC)	Throw (m)			Sound (NC)
600	12.4	71	1.5	1.1	1.1	15	0.4	0.4	0.4	15
	24.9	99	2.6	2.2	1.8	19	0.7	0.4	0.4	19
	37.3	123	2.9	2.6	2.2	22	1.1	0.7	0.4	22
	49.8	142	2.9	2.6	2.2	27	1.5	1.1	0.7	27
	62.2	158	3.3	2.9	2.6	31	1.5	1.1	0.7	31
900	12.4	85	1.5	1.1	1.1	15	0.4	0.4	0.4	15
	24.9	118	2.2	1.8	1.5	25	0.7	0.4	0.4	19
	37.3	146	2.6	2.2	1.8	28	0.7	0.4	0.4	23
	49.8	170	2.9	2.6	2.2	32	1.1	0.7	0.4	28
	62.2	189	2.9	2.6	2.2	35	1.5	1.1	0.7	31
1200	12.4	149	3.3	2.6	2.2	15	0.7	0.4	0.4	15
	24.9	210	4.0	3.3	2.6	26	0.7	0.4	0.4	22
	37.3	257	4.0	3.3	2.6	32	1.1	0.7	0.7	27
	49.8	297	4.8	4.0	3.3	35	1.8	1.5	1.1	32
	62.2	330	5.1	4.4	3.7	39	2.2	1.8	1.5	35
1500	12.4	189	4.0	3.3	2.6	15	0.7	0.4	0.4	15
	24.9	269	4.8	4.0	3.3	27	0.7	0.4	0.4	22
	37.3	330	4.8	4.0	3.3	32	1.5	1.1	0.7	27
	49.8	378	5.5	4.4	3.7	36	2.2	1.8	1.5	32
	62.2	425	6.2	5.5	4.4	39	2.6	2.2	1.8	34

Performance Notes:

1. All SI (metric) values are soft conversion from I-P
2. Tested in accordance with ASHRAE Standard 70-2006 (RA2011) "Method of Testing for Rating the Performance of Air Outlets and Inlets"
3. Air Flow is in litres per second, l/s.
4. All pressures are in inches of water.
5. Throw values are given in metres to terminal velocities of 0.76-0.51-0.25 m/s.
6. Throw data is based on supply air and room air at isothermal condition.
7. The NC values, sound pressure level are based on a room absorption of 10 dB re 10⁻¹² Watts one diffuser.
8. Blanks "-" indicate an NC level below 15.