

PERFORMANCE DATA - PPD SQUARE

AHRI Certification Rating Points

Damper 100% open and inlet velocity 750fpm

Inlet Size in.	Air Flow cfm	Adjusted Static Pressure in. w.g.	Discharge Sound Power Level (dB) Octave Band					
			2	3	4	5	6	7
6	148	0.08	37	41	40	34	24	22
8	262	0.13	44	41	41	34	27	22
10	410	0.13	46	42	39	33	25	21
12	590	0.18	52	47	44	40	34	26

Damper throttled to inlet velocity of 400fpm

Inlet Size in.	Air Flow cfm	Max. Recommended Static Pressure in. w.g.	Discharge Sound Power Level (dB) Octave Band					
			2	3	4	5	6	7
6	80	0.25	39	47	46	38	34	28
8	140	0.25	41	45	46	36	29	24
10	220	0.25	41	40	41	37	30	24
12	315	0.25	48	47	44	38	30	24

Performance Notes:

1. Air flow is in cfm.
2. All pressures are in in. w.g..
3. Sound Power Levels expressed in deciBels (dB) re 10⁻¹² watts.

PERFORMANCE DATA - PBV SQUARE

Modulated Flow Selection Table

Inlet Destination	Inlet Static Pressure in.wg	Maximum Flow CFM	Maximum Flow		25% Maximum Flow	
			Throw - Feet* @ V _i = 50/100/150FPM	† NC	Throw* - Feet @ V _i = 50/100/150FPM	† NC
6"	.05	100	6/4/3	--	3/2/1	--
	.10	140	8/5/4	20	4/3/2	17
	.11	147	8/5/4	21	4/3/2	18
	.15	175	9/6/5	26	5/4/3	21
	.20	200	9/7/6	31	6/5/3	24
	.25	220	10/8/7	34	7/6/4	27
8"	.05	160	8/6/4	--	5/3/2	--
	.10	225	10/7/5	20	6/4/3	16
	.13	255	11/8/6	23	7/5/3	19
	.15	275	11/8/6	25	7/5/3	21
	.20	320	12/9/7	30	8/6/4	25
	.25	355	13/10/8	34	9/6/4	28
10"	.05	260	9/7/5	15	7/6/4	--
	.10	370	11/8/6	23	9/7/5	18
	.12	402	12/9/7	25	9/7/5	20
	.15	450	13/10/8	27	10/8/6	22
	.20	520	14/11/9	31	11/9/7	26
	.25	580	15/12/10	34	12/10/7	29
12"	.05	350	11/8/6	15	7/6/4	--
	.10	470	13/10/8	23	9/7/5	19
	.15	560	15/12/10	27	10/8/6	23
	.16	576	15/12/10	28	10/8/6	24
	.20	640	16/13/11	31	12/10/8	27
	.25	720	17/14/12	34	14/11/9	30

Performance Notes:

- * Throw data is for air 20°F/11°C lower than room temperature.
- Throws for isothermal air are 40 to 50% greater.
- † NC based on L_w (10⁻¹² watts reference) -10db
- Tested in accordance with ANSI/ASHRAE 70, ANSI S12.31, ARI 890, ISRO 5219 and ISO 3741.

PERFORMANCE DATA – PRD 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 Pa.
- 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:

- 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 Pa.
- 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 – PSD 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			

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 Pa.
- 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

Performance Notes:

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- Air Flow is in litres per second, l/s.
- All pressures are in Pa.
- 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 – PLD LINEAR (LOCATION – CEILING MOUNT)

Maximum Flow Selection Table – Metric Units

PLD 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)		1.4-2.5-3.2	2.9-4.3-6.0	3.6-5.7-7.5			
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)			1.6-2.1-2.8	2.3-3.2-4.1	5.7-4.4-2.9	3.6-5.4-7.2	4.1-5.9-8.1
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)		1.6-2.4-3.4	2.6-4.5-6.4	3.3-5.5-7.7			
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)		1.5-1.9-2.3	2.0-2.7-3.4	5.2-4.4-2.8	3.3-4.8-6.2	3.9-6.0-8.1	

Performance Notes:

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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 Pa.
- 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.

PLD 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)	1.5-2.1-2.8	2.1-3.2-4.0	2.7-4.3-5.5	3.1-4.9-6.6	3.6-5.4-7.5		
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)		1.1-1.6-2.4	1.8-2.5-3.2	2.3-3.3-4.3	2.8-4.1-5.4	3.2-5.0-6.4	
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)		2.2-3.5-4.2	3.2-5.1-6.1	4.1-6.3-8.1	4.4-6.6-8.8	4.8-7.0-9.2	5.2-7.4-9.6
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)		1.2-1.7-2.4	2.1-3.1-4.1	2.8-4.3-5.6	3.3-5.1-6.9	3.6-5.4-7.3	3.9-6.0-7.8

Performance Notes:

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- All pressures are in Pa.
- 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 – PLD LINEAR (LOCATION – CEILING MOUNT)

Maximum Flow Selection Table – Metric Units

PLD 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)	0.9-1.3-1.6	1.2-1.8-2.2	1.4-2.5-3.2	1.7-2.8-3.5	2.3-3.4-4.3	3.0-4.1-5.4	3.7-4.8-6.5
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)		0.9-1.5-2.0	1.2-1.9-2.6	1.6-2.3-3.0	2.1-2.8-3.6	2.7-3.5-4.4	3.2-3.9-5.3
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)		1.8-2.5-3.3	2.7-3.5-4.2	3.3-4.1-4.9	3.7-5.1-6.2	4.1-5.5-7.1	4.5-6.0-7.9
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)		1.1-1.5-2.2	1.3-1.9-2.6	1.5-2.3-3.0	1.8-2.8-3.5	2.3-3.6-4.5	2.9-4.5-5.8

Performance Notes:

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- All pressures are in Pa.
- 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.

PLD 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	94.1
	Total Pressure (Pa)	30.4	41.0	53.2	67.4	82.7	98.4	116.1
	Flow Rate (l/s)	99	115	132	148	165	181	200
	Sound (NC)	26	27	30	34	37	40	44
	Throw (m)	2.5-3.6-4.7	3.1-4.9-6.3	3.5-5.7-7.1	4.0-6.1-7.5	4.7-6.9-7.8	5.4-7.6-8.2	6.1-8.4-9.4
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)	2.1-2.9-3.4	2.8-4.2-4.9	3.3-4.7-6.0	3.7-5.2-7.0	4.2-6.3-7.5	4.6-6.8-7.9	4.9-7.1-8.2
1200	Static Pressure (Pa)	13.6	18.8	24.1	30.6	37.4	44.4	51.1
	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)	3.4-4.9-6.0	3.9-5.5-6.6	4.3-6.1-6.0	5.1-7.2-8.3	5.9-8.4-9.5	7.2-10.1-12.5	8.1-11.0-13.1
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)	4.6-6.3-7.4	5.3-7.7-8.8	6.0-8.7-10.3	6.7-9.6-11.8	7.8-10.7-12.9	8.7-11.6-14.0	9.6-12.5-15.2

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 Pa.
- 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 – PLD LINEAR (LOCATION – CEILING MOUNT)

Maximum Flow Selection Table – Metric Units

PLD 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)	1.1-1.8-2.6	1.6-2.3-3.1	2.2-2.9-3.6	2.7-3.6-4.3	3.1-4.3-5.0	3.4-5.0-5.8	
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)	1.2-1.7-2.2	1.4-2.0-2.7	1.7-2.4-3.2	2.1-2.8-3.6	2.6-3.4-4.1	3.1-3.9-4.6	3.4-4.6-5.3
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)	2.2-2.9-3.4	2.5-3.2-3.9	2.9-3.9-4.6	3.3-4.5-5.3	3.6-5.1-6.1	4.2-5.9-7.0	4.7-6.8-7.9
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)	2.4-3.1-3.6	2.7-3.4-4.0	3.0-3.9-4.6	3.5-4.7-5.5	3.9-5.4-6.2	4.4-5.9-7.0	4.7-6.5-7.6

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 Pa.
- 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 – PLD LINEAR (LOCATION – WALL MOUNT)

Maximum Flow Selection Table – Metric Units

PLD 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)		1.4-1.4-1.8	1.5-1.8-2.1	2.1-2.5-2.9			
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)			1.0-1.3-1.6	1.5-1.5-1.8	1.7-1.8-2.2	1.8-2.2-2.6	1.8-2.2-2.6
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)		1.1-1.3-1.6	1.3-1.7-2.0	1.8-2.2-2.6			
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)		1.1-1.1-1.5	1.4-1.4-1.8	1.8-2.1-2.4	1.8-2.2-2.6	1.8-2.2-3.2	

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 Pa.
- 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.

PLD 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)	1.3-1.3-1.7	1.5-1.6-2.0	1.6-2.0-2.3	1.8-2.2-2.6	1.8-2.2-2.6	1.8-2.2-2.6	
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)		0.9-0.9-1.2	1.1-1.1-1.4	1.4-1.4-1.7	1.5-1.7-2.0	1.7-2.1-2.5	2.2-2.6-3.0
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)		2.0-2.4-2.7	2.3-2.6-3.0	2.6-3.0-3.3	2.9-3.3-3.7	2.9-3.3-3.7	2.9-3.3-3.7
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)		1.2-1.5-1.9	1.6-1.9-2.3	1.9-2.3-2.7	2.2-2.6-2.9	2.2-2.9-3.2	2.5-2.9-3.6

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 Pa.
- 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 – PLD LINEAR (LOCATION – WALL MOUNT)

Maximum Flow Selection Table – Metric Units

PLD 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)	1.8-2.2-2.6	2.1-2.4-2.8	2.2-2.6-2.9	2.3-2.7-3.1	2.7-3.1-3.4	3.1-3.4-3.8	
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)	1.3-1.4-1.8	1.4-1.8-2.1	1.6-2.0-2.4	1.9-2.2-2.6	2.1-2.5-2.8	2.2-2.6-2.9	2.2-2.6-2.9
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	21	25	29	32	33	38
	Throw (m)	2.2-2.6-3.4	2.4-2.9-3.7	2.5-3.2-4.0	2.6-3.3-4.0	2.6-3.3-4.0	3.1-3.9-4.6	3.4-4.2-4.9
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)	2.9-3.6-4.3	3.2-3.9-4.7	3.3-4.0-4.8	3.3-4.0-4.8	3.6-4.3-5.4	4.1-5.1-6.0	4.7-6.0-6.5

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 Pa.
- 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 – PLD LINEAR (LOCATION – CEILING MOUNT)

Modulated Flow Selection Table – Metric Units

PLD 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	1.1	1.5	2.2	15	0.4	1.1	1.5	–
	24.9	28	1.5	2.6	3.3	19	0.7	1.5	2.2	15
	37.3	33	2.6	3.7	4.8	23	1.5	2.2	2.9	16
	49.8	38	2.9	4.4	6.2	27	1.8	2.9	3.7	21
	62.2	42	3.3	5.1	6.9	30	2.2	3.3	4.4	24
900	12.4	33	1.1	1.5	2.2	15	0.4	1.1	1.5	–
	24.9	42	2.2	2.9	3.7	20	0.7	1.5	2.2	15
	37.3	52	2.6	3.7	4.8	24	1.5	2.2	2.9	17
	49.8	59	3.3	5.1	6.6	28	1.8	2.6	3.7	21
	62.2	66	3.7	5.5	7.3	31	2.2	3.3	4.4	24
1200	12.4	42	1.1	1.5	2.2	16	0.4	1.1	1.5	15
	24.9	59	2.2	3.7	5.1	23	1.5	2.2	2.9	17
	37.3	71	2.9	5.1	7.3	28	1.8	2.9	4.4	20
	49.8	83	3.3	5.5	7.7	31	2.2	3.7	4.8	24
	62.2	90	4.0	6.2	8.0	34	2.6	4.4	5.1	28
1500	12.4	47	1.5	1.8	2.2	17	0.4	1.1	1.5	15
	24.9	71	2.2	2.9	3.7	24	0.7	1.5	2.2	19
	37.3	85	2.9	4.8	5.5	30	1.5	2.2	3.3	23
	49.8	99	3.3	4.8	6.2	32	1.8	2.6	3.7	26
	62.2	109	3.7	5.5	7.3	35	2.2	3.3	4.4	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 Pa.
- 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.

PLD 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	1.1	1.5	2.2	15	0.4	1.1	1.5	15
	24.9	42	1.8	2.6	3.3	20	0.7	1.5	2.2	19
	37.3	52	2.6	4.0	5.1	25	1.5	2.2	3.3	24
	49.8	61	2.9	4.8	6.2	29	1.8	2.6	3.7	28
	62.2	68	3.3	5.1	6.9	32	2.2	3.3	4.4	31
900	12.4	40	0.7	1.1	1.8	16	0.4	0.4	1.1	15
	24.9	57	1.8	2.6	3.3	23	0.7	1.5	1.8	22
	37.3	68	2.6	3.7	4.8	26	1.5	2.2	2.9	25
	49.8	78	2.9	4.4	5.9	30	1.8	2.6	3.7	29
	62.2	85	3.3	5.1	6.6	33	2.2	3.3	4.4	32
1200	12.4	71	1.5	2.2	2.9	17	0.7	1.5	1.8	15
	24.9	94	2.9	4.8	5.5	24	1.5	2.2	3.3	20
	37.3	113	4.0	6.2	8.0	30	2.2	3.3	4.8	26
	49.8	132	4.4	6.6	8.8	32	2.6	4.0	5.1	28
	62.2	146	4.8	6.9	9.1	35	2.6	4.4	5.5	31
1500	12.4	80	1.1	1.5	2.2	17	0.4	1.1	1.5	16
	24.9	109	2.6	4.0	5.1	24	1.5	2.2	2.9	23
	37.3	132	3.3	5.1	6.9	30	1.8	2.9	4.4	29
	49.8	151	3.7	5.5	7.3	32	2.2	3.3	4.4	31
	62.2	170	4.0	6.2	8.0	35	2.2	3.7	4.8	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 Pa.
- 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 – PLD LINEAR (LOCATION – CEILING MOUNT)

Modulated Flow Selection Table – Metric Units

PLD 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	0.7	1.1	1.5	–	0.4	0.4	1.1	–
	24.9	42	1.1	1.5	1.8	15	0.4	1.1	1.5	15
	37.3	57	1.5	2.6	3.3	21	1.1	1.5	2.2	20
	49.8	68	1.8	2.9	3.7	25	1.1	1.8	2.6	24
	62.2	78	2.6	3.7	4.8	30	1.5	2.2	2.9	29
900	12.4	38	0.7	1.1	1.5	15	0.4	0.4	1.1	–
	24.9	54	1.1	1.8	2.6	16	0.4	1.1	1.5	15
	37.3	71	1.8	2.6	3.3	23	0.7	1.5	2.2	22
	49.8	80	2.6	3.3	4.0	28	1.1	1.8	2.6	27
	62.2	87	2.9	3.7	4.8	32	1.5	2.2	2.9	31
1200	12.4	71	1.1	1.8	2.6	15	0.4	1.1	1.5	15
	24.9	94	2.6	3.3	4.0	20	0.7	1.5	2.2	19
	37.3	113	3.3	4.0	4.8	25	1.5	2.2	2.9	25
	49.8	132	3.7	5.1	6.2	29	1.8	2.6	3.7	29
	62.2	146	4.0	5.5	6.9	33	2.2	3.3	4.4	32
1500	12.4	80	1.1	1.5	2.2	15	0.4	1.1	1.5	15
	24.9	113	1.5	2.2	2.9	20	0.7	1.1	1.8	19
	37.3	137	1.8	2.9	3.7	26	1.1	1.5	2.6	25
	49.8	156	2.6	4.0	5.1	31	1.5	2.2	3.3	30
	62.2	175	3.3	5.1	6.6	34	1.8	2.9	4.0	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 Pa.
- 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.

PLD 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	1.1	1.8	2.2	15	0.4	1.1	1.5	15
	24.9	99	2.6	3.7	4.8	26	1.5	2.2	2.9	24
	37.3	123	3.3	5.5	6.9	28	1.8	2.9	4.0	26
	49.8	142	3.7	5.9	7.3	33	2.2	3.3	4.4	31
	62.2	158	4.4	6.6	7.7	36	2.6	3.7	4.8	34
900	12.4	85	1.5	1.8	2.2	15	0.4	1.1	1.5	15
	24.9	118	2.9	4.4	5.1	26	1.5	2.2	2.9	24
	37.3	146	3.7	5.1	6.9	30	1.8	2.9	4.0	28
	49.8	170	4.4	6.6	7.7	34	2.6	3.7	4.8	32
	62.2	189	4.8	6.9	8.0	37	2.6	4.4	5.1	35
1200	12.4	149	3.3	4.8	5.9	15	1.5	2.6	3.3	15
	24.9	210	4.4	6.2	7.3	28	1.8	2.9	3.7	26
	37.3	257	5.9	8.4	9.5	34	2.6	3.7	4.8	32
	49.8	297	7.7	10.6	12.8	38	3.3	5.5	6.9	36
	62.2	330	8.8	11.7	13.5	42	4.4	6.6	7.7	39
1500	12.4	189	4.0	5.1	6.2	16	1.5	2.6	3.3	15
	24.9	269	5.5	8.0	9.1	28	2.6	3.7	4.4	20
	37.3	330	6.6	9.5	11.7	34	3.3	4.8	5.5	31
	49.8	380	8.0	11.0	13.2	38	4.4	5.9	7.7	36
	62.2	426	9.1	12.1	14.6	41	5.1	6.9	9.1	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 Pa.
- 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 – PLD LINEAR (LOCATION – CEILING MOUNT)

Modulated Flow Selection Table – Metric Units

PLD 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	0.7	1.1	1.5	15	0.4	0.7	1.1	15
	24.9	99	1.1	1.8	2.6	23	0.4	1.1	1.5	22
	37.3	123	1.8	2.6	3.3	26	0.7	1.5	1.8	25
	49.8	142	2.6	3.3	4.0	30	1.1	1.8	2.6	29
	62.2	158	2.9	4.0	4.8	33	1.5	2.2	2.9	32
900	12.4	87	1.1	1.5	1.8	15	0.4	0.7	1.1	15
	24.9	123	1.5	2.2	2.9	23	0.7	1.5	1.8	22
	37.3	151	2.2	2.9	3.7	27	1.1	1.8	2.2	26
	49.8	175	2.9	3.7	4.4	31	1.5	2.2	2.9	30
	62.2	193	3.3	4.4	5.1	34	1.5	2.6	3.3	33
1200	12.4	130	1.8	2.6	2.9	15	1.1	1.5	1.8	15
	24.9	184	2.6	3.3	4.0	25	1.5	2.6	3.3	24
	37.3	227	3.3	4.4	5.1	32	2.6	3.7	4.4	31
	49.8	260	3.7	5.1	6.2	37	2.9	4.4	5.1	36
	62.2	293	4.4	6.2	7.3	39	3.7	5.1	5.9	38
1500	12.4	203	2.2	2.9	3.3	20	1.1	1.5	1.8	15
	24.9	286	2.9	3.7	4.4	30	1.5	2.6	3.3	20
	37.3	352	3.7	5.1	5.9	35	2.6	4.0	5.1	29
	49.8	406	4.4	5.9	6.9	39	2.9	4.8	5.5	34
	62.2	453	4.8	6.6	7.7	42	3.7	5.5	6.6	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 Pa.
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 – PLD LINEAR (LOCATION – WALL MOUNT)

Modulated Flow Selection Table – Metric Units

PLD 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	0.7	1.1	1.5	–	0.4	0.4	0.4	–
	24.9	28	1.5	1.5	1.8	15	0.4	0.4	0.4	–
	37.3	33	1.5	1.5	1.8	21	0.4	0.4	0.7	–
	49.8	38	1.5	1.8	2.2	24	0.4	0.7	1.1	15
	62.2	42	1.8	2.2	2.6	27	0.7	1.1	1.5	21
900	12.4	33	0.7	1.1	1.5	15	0.4	0.4	0.4	–
	24.9	42	1.5	1.5	1.8	19	0.4	0.4	0.4	–
	37.3	52	1.5	1.5	1.8	22	0.4	0.4	0.7	–
	49.8	59	1.8	2.2	2.6	25	0.4	0.7	1.1	15
	62.2	66	1.8	2.2	2.6	28	0.7	1.1	1.5	21
1200	12.4	42	1.1	1.1	1.5	15	0.4	0.4	0.4	–
	24.9	59	1.1	1.5	1.8	21	0.4	0.4	0.7	–
	37.3	71	1.5	1.8	2.2	25	0.7	0.7	1.1	15
	49.8	83	1.8	2.2	2.6	28	0.7	1.1	1.5	21
	62.2	90	2.2	2.6	2.9	31	0.7	1.1	1.5	24
1500	12.4	47	1.1	1.1	1.5	15	0.4	0.4	0.4	–
	24.9	71	1.5	1.5	1.8	22	0.4	0.4	0.4	15
	37.3	85	1.8	2.2	2.6	26	0.4	0.4	0.7	20
	49.8	99	1.8	2.2	2.6	29	0.4	0.4	0.7	22
	62.2	109	1.8	2.2	2.9	32	0.7	0.7	1.1	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 Pa.
- 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.

PLD 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	1.1	1.1	1.5	15	0.4	0.4	0.4	–
	24.9	42	1.5	1.5	1.8	19	0.4	0.4	0.4	15
	37.3	52	1.5	1.8	2.2	23	0.4	0.4	0.7	19
	49.8	61	1.8	2.2	2.6	29	0.4	0.7	1.1	22
	62.2	68	1.8	2.2	2.6	31	0.7	1.1	1.5	25
900	12.4	40	0.7	0.7	1.1	15	0.4	0.4	0.4	–
	24.9	57	1.1	1.1	1.5	22	0.4	0.4	0.4	15
	37.3	68	1.5	1.5	1.8	24	0.4	0.4	0.7	21
	49.8	78	1.5	1.8	2.2	29	0.4	0.4	0.7	26
	62.2	85	1.8	2.2	2.6	31	0.7	0.7	1.1	29
1200	12.4	71	1.8	2.2	2.6	15	0.4	0.4	0.7	–
	24.9	94	2.2	2.6	2.9	23	0.4	0.4	0.7	15
	37.3	113	2.6	2.9	3.3	27	0.4	0.7	1.1	22
	49.8	132	2.9	3.3	3.7	30	0.7	1.1	1.5	23
	62.2	146	2.9	3.3	3.7	32	1.1	1.5	2.2	27
1500	12.4	80	1.1	1.5	1.8	15	0.4	0.4	0.7	–
	24.9	109	1.8	2.2	2.6	23	0.4	0.4	0.7	15
	37.3	132	2.2	2.6	2.9	27	0.4	0.7	1.1	24
	49.8	151	2.2	2.9	3.3	30	0.7	0.7	1.1	27
	62.2	170	2.6	2.9	3.7	32	0.7	1.1	1.8	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 Pa.
- 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 – PLD LINEAR (LOCATION – WALL MOUNT)

Modulated Flow Selection Table – Metric Units

PLD 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	1.1	1.1	1.5	15	0.4	0.4	0.4	15
	24.9	99	1.8	2.2	2.6	19	0.4	0.4	0.7	19
	37.3	123	2.2	2.6	2.9	22	0.4	0.7	1.1	22
	49.8	142	2.2	2.6	2.9	27	0.7	1.1	1.5	27
	62.2	158	2.6	2.9	3.3	31	0.7	1.1	1.5	31
900	12.4	85	1.1	1.1	1.5	15	0.4	0.4	0.4	15
	24.9	118	1.5	1.8	2.2	25	0.4	0.4	0.7	19
	37.3	146	1.8	2.2	2.6	28	0.4	0.4	0.7	23
	49.8	170	2.2	2.6	2.9	32	0.4	0.7	1.1	28
	62.2	189	2.2	2.6	2.9	35	0.7	1.1	1.5	31
1200	12.4	149	2.2	2.6	3.3	15	0.4	0.4	0.7	15
	24.9	210	2.6	3.3	4.0	26	0.4	0.4	0.7	22
	37.3	257	2.6	3.3	4.0	32	0.7	0.7	1.1	27
	49.8	297	3.3	4.0	4.8	35	1.1	1.5	1.8	32
	62.2	330	3.7	4.4	5.1	39	1.5	1.8	2.2	35
1500	12.4	189	2.6	3.3	4.0	15	0.4	0.4	0.7	15
	24.9	269	3.3	4.0	4.8	27	0.4	0.4	0.7	22
	37.3	330	3.3	4.0	4.8	32	0.7	1.1	1.5	27
	49.8	378	3.7	4.4	5.5	36	1.5	1.8	2.2	32
	62.2	425	4.4	5.5	6.2	39	1.8	2.2	2.6	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 Pa.
- 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.