

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:

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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.

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 |

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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.

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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- 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) | | 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 | |

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- Air Flow is in litres per second, l/s.
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- 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) | 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:

- 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 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:

- 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) | 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 | |
| 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 | 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) | 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 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) | 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 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) | | 1.4-1.4-1.8 | 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 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) | 1.3-1.3-1.7 | 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 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) | 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 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 | 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 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 | 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 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 | 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 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 | 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 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 | 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 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 | 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 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 | 1.1 | 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 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 | 1.1 | 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:

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.