

Aluminum Pankah Louver (Panel Series & APL-C)

| MODEL | Nozzle Velocity (FPM) | 1000 | 1500 | 2000 | 2500 | 3000 | 3500 | 4000 |
|-------------------------|-----------------------|---------|----------|----------|----------|----------|----------|----------|
| APL-04 (1 unit) | CFM | 22 | 33 | 44 | 55 | 66 | 77 | 88 |
| | Static Pressure | 0.03 | 0.07 | 0.13 | 0.20 | 0.28 | 0.39 | 0.50 |
| | NC | <20 | <20 | <20 | <20 | 23 | 26 | 30 |
| | Projection | 3-6-12 | 4-8-17 | 6-12-23 | 8-16-24 | 9-18-27 | 10-21-30 | 12-22-32 |
| APL-04 (2 units) | CFM | 44 | 66 | 88 | 110 | 132 | 154 | 176 |
| | Static Pressure | 0.03 | 0.07 | 0.13 | 0.20 | 0.28 | 0.39 | 0.50 |
| | NC | <20 | <20 | <20 | 22 | 26 | 29 | 33 |
| | Projection | 4-8-16 | 6-12-23 | 8-16-32 | 11-22-34 | 13-26-38 | 14-28-42 | 16-31-45 |
| APL-04 (3 units) | CFM | 66 | 99 | 132 | 165 | 198 | 231 | 264 |
| | Static Pressure | 0.03 | 0.07 | 0.13 | 0.20 | 0.28 | 0.39 | 0.50 |
| | NC | <20 | <20 | 20 | 24 | 28 | 31 | 35 |
| | Projection | 5-10-20 | 7-14-27 | 10-20-40 | 13-26-41 | 15-30-46 | 17-36-51 | 20-37-54 |
| APL-04 (4 units) | CFM | 88 | 132 | 176 | 220 | 264 | 308 | 352 |
| | Static Pressure | 0.03 | 0.07 | 0.13 | 0.20 | 0.28 | 0.39 | 0.50 |
| | NC | <20 | <20 | 21 | 25 | 29 | 32 | 36 |
| | Projection | 6-12-24 | 8-16-34 | 12-24-46 | 16-32-48 | 18-36-54 | 20-41-60 | 24-44-64 |
| APL-06 (1 unit) | CFM | 49 | 74 | 98 | 123 | 147 | 172 | 196 |
| | Static Pressure | 0.05 | 0.12 | 0.22 | 0.34 | 0.49 | 0.66 | 0.86 |
| | NC | <20 | <20 | <20 | 21 | 25 | 29 | 33 |
| | Projection | 4-8-16 | 6-12-23 | 8-16-27 | 10-20-30 | 12-21-32 | 14-25-36 | 16-26-38 |
| APL-06 (2 units) | CFM | 98 | 148 | 196 | 246 | 294 | 344 | 392 |
| | Static Pressure | 0.05 | 0.12 | 0.22 | 0.34 | 0.49 | 0.66 | 0.86 |
| | NC | <20 | <20 | 20 | 24 | 28 | 32 | 36 |
| | Projection | 6-12-24 | 8-16-31 | 11-22-38 | 14-28-42 | 17-29-45 | 19-35-50 | 22-36-53 |
| APL-06 (3 units) | CFM | 147 | 222 | 294 | 369 | 441 | 516 | 588 |
| | Static Pressure | 0.05 | 0.12 | 0.22 | 0.34 | 0.49 | 0.66 | 0.86 |
| | NC | <20 | <20 | 22 | 26 | 30 | 34 | 38 |
| | Projection | 7-14-28 | 10-20-39 | 14-28-46 | 17-34-51 | 20-36-54 | 24-42-61 | 27-44-65 |
| APL-06 (4 units) | CFM | 196 | 296 | 392 | 492 | 588 | 688 | 784 |
| | Static Pressure | 0.05 | .012 | 0.22 | 0.34 | 0.49 | 0.66 | 0.86 |
| | NC | <20 | <20 | 23 | 27 | 31 | 35 | 39 |
| | Projection | 8-16-32 | 12-24-46 | 16-32-54 | 20-40-60 | 24-42-64 | 28-50-72 | 32-52-76 |

performance data based on ASHRAE 70-91

Airflow CFM: Standard air density and isothermal conditions.

Noise Criteria: Noise criteria [NC] curve which is not exceeded with a Room Attenuation of 10db and based on Sound Power LevelRe: 10-12 watts.

Static Pressure: Inches of water gauge required.

Projection: Projection distance [THROW] in feet from the Nozzle discharge at which the maximum velocity has been reduced to specified terminal velocity [Vt].

Nozzle Velocity: Nozzle Discharge Velocity in feet per minute [fpm].

Terminal Velocity: Maximum velocity [Vt] in feet per minute at the specified distance from the outlet face [THROW] 400 fpm, 200 fpm, and 100 fpm respectively.

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| MODEL | Nozzle Velocity (FPM) | 1000 | 1500 | 2000 | 2500 | 3000 | 3500 | 4000 |
|-------------------------|-----------------------|----------|----------|-----------|-----------|-----------|-----------|------------|
| APL-08 (1 unit) | CFM | 104 | 157 | 209 | 261 | 313 | 365 | 418 |
| | Static Pressure | 0.06 | 0.14 | 0.24 | 0.38 | 0.53 | 0.70 | 0.92 |
| | NC | <20 | <20 | <20 | 24 | 30 | 35 | 38 |
| | Projection | 6-11-23 | 8-17-34 | 11-23-39 | 14-28-44 | 17-31-46 | 20-35-52 | 23-38-55 |
| APL-08 (2 units) | CFM | 208 | 314 | 418 | 522 | 626 | 730 | 836 |
| | Static Pressure | 0.06 | 0.14 | 0.24 | 0.38 | 0.53 | 0.70 | 0.92 |
| | NC | <20 | <20 | 20 | 27 | 33 | 38 | 41 |
| | Projection | 8-16-32 | 11-22-44 | 15-30-55 | 19-39-62 | 24-43-64 | 28-49-73 | 32-53-77 |
| APL-08 (3 units) | CFM | 312 | 471 | 627 | 783 | 939 | 1095 | 1254 |
| | Static Pressure | 0.06 | 0.14 | 0.24 | 0.38 | 0.53 | 0.70 | 0.92 |
| | NC | <20 | <20 | 22 | 29 | 35 | 40 | 43 |
| | Projection | 10-20-39 | 13-26-58 | 18-36-66 | 23-47-75 | 29-53-78 | 34-60-88 | 54-65-94 |
| APL-08 (4 units) | CFM | 416 | 628 | 836 | 1044 | 1252 | 1460 | 1672 |
| | Static Pressure | 0.06 | 0.14 | 0.24 | 0.38 | 0.53 | 0.70 | 0.92 |
| | NC | <20 | <20 | 23 | 30 | 36 | 41 | 44 |
| | Projection | 12-22-46 | 16-34-68 | 22-45-78 | 28-56-88 | 34-62-92 | 40-70-104 | 46-76-110 |
| APL-10 (1 unit) | CFM | 180 | 270 | 361 | 451 | 541 | 631 | 721 |
| | Static Pressure | 0.07 | 0.15 | 0.25 | 0.39 | 0.56 | 0.74 | 0.96 |
| | NC | <20 | <20 | 21 | 29 | 35 | 40 | 45 |
| | Projection | 7-15-30 | 11-22-45 | 15-30-51 | 19-37-57 | 22-41-61 | 26-47-69 | 30-50-72 |
| APL-10 (2 units) | CFM | 360 | 540 | 722 | 902 | 1082 | 1262 | 1442 |
| | Static Pressure | 0.07 | 0.15 | 0.25 | 0.39 | 0.56 | 0.74 | 0.96 |
| | NC | <20 | <20 | 24 | 32 | 38 | 43 | 48 |
| | Projection | 9-18-36 | 15-30-61 | 21-42-71 | 27-63-80 | 31-57-85 | 36-66-97 | 42-70-101 |
| APL-10 (3 units) | CFM | 540 | 810 | 1083 | 1353 | 1623 | 1893 | 2163 |
| | Static Pressure | 0.07 | 0.15 | 0.25 | 0.39 | 0.56 | 0.74 | 0.96 |
| | NC | <20 | <20 | 26 | 34 | 40 | 45 | 50 |
| | Projection | 12-24-48 | 18-36-73 | 25-50-87 | 32-63-97 | 37-70-104 | 44-80-117 | 51-85-122 |
| APL-10 (4 units) | CFM | 720 | 1080 | 1444 | 1804 | 2164 | 2524 | 2884 |
| | Static Pressure | 0.07 | 0.15 | 0.25 | 0.39 | 0.56 | 0.74 | 0.96 |
| | NC | <20 | 20 | 27 | 35 | 41 | 46 | 51 |
| | Projection | 14-30-60 | 22-44-90 | 30-60-102 | 38-74-114 | 44-82-122 | 52-94-138 | 60-100-144 |

performance data based on ASHRAE 70-91

Airflow CFM: Standard air density and isothermal conditions.

Noise Criteria: Noise criteria [NC] curve which is not exceeded with a Room Attenuation of 10db and based on Sound Power LevelRe: 10-12 watts.

Static Pressure: Inches of water gauge required.

Projection: Projection distance [THROW] in feet from the Nozzle discharge at which the maximum velocity has been reduced to specified terminal velocity [Vt].

Nozzle Velocity: Nozzle Discharge Velocity in feet per minute [fpm].

Terminal Velocity: Maximum velocity [Vt] in feet per minute at the specified distance from the outlet face [THROW] 400 fpm, 200 fpm, and 100 fpm respectively.

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|-------------------------|-----------------------|----------|-----------|-----------|-----------|------------|------------|------------|
| APL-12 (1 unit) | CFM | 297 | 445 | 593 | 742 | 890 | 1038 | 1187 |
| | Static Pressure | 0.07 | 0.15 | 0.26 | 0.40 | 0.58 | 0.78 | 1.01 |
| | NC | <20 | <20 | 24 | 32 | 38 | 44 | 47 |
| | Projection | 10-19-38 | 14-29-57 | 19-38-65 | 24-48-74 | 29-52-78 | 33-60-88 | 38-64-93 |
| APL-12 (2 units) | CFM | 594 | 890 | 1186 | 1484 | 1780 | 2076 | 2374 |
| | Static Pressure | 0.07 | 0.15 | 0.26 | 0.40 | 0.58 | 0.78 | 1.01 |
| | NC | <20 | <20 | 27 | 35 | 41 | 47 | 50 |
| | Projection | 14-27-53 | 20-41-80 | 27-53-91 | 34-67-104 | 41-73-109 | 46-84-123 | 53-90-130 |
| APL-12 (3 units) | CFM | 891 | 1335 | 1779 | 2226 | 2670 | 3114 | 3561 |
| | Static Pressure | 0.07 | 0.15 | 0.26 | 0.40 | 0.58 | 0.78 | 1.01 |
| | NC | <20 | 20 | 29 | 37 | 43 | 49 | 52 |
| | Projection | 17-32-65 | 24-50-80 | 32-65-110 | 41-81-126 | 49-88-133 | 56-102-150 | 65-109-158 |
| APL-12 (4 units) | CFM | 1188 | 1780 | 2372 | 2968 | 3560 | 4152 | 4748 |
| | Static Pressure | 0.07 | 0.15 | 0.26 | 0.40 | 0.58 | 0.78 | 1.01 |
| | NC | <20 | 21 | 30 | 38 | 44 | 50 | 53 |
| | Projection | 20-38-76 | 28-58-114 | 38-76-130 | 48-96-148 | 58-104-156 | 66-120-176 | 76-128-186 |

performance data based on ASHRAE 70-91

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Noise Criteria: Noise criteria [NC] curve which is not exceeded with a Room Attenuation of 10db and based on Sound Power LevelRe: 10-12 watts.

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