Propeller Fans – APL Series

- Propeller fan for wall or panel mounting suitable for supply or exhaust use.
- Sickle Blade impellers, installed with the external rotor motors.
- Wall plate is made of high grade steel sheet with painted finish, galvanized steel sheet wall plate can be supplied upon request.
- Fan impellers are statically and dynamically balanced to ISO 1940 standard.
- Low noise level with high efficiency.
- Accessories such as speed controller and mounting accessories can be supplied upon request.
- Model APL 710-1000 are not licensed by AMCA International.

### Technical Data - 50Hz

<table>
<thead>
<tr>
<th>Model</th>
<th>Max Q (m³/h)</th>
<th>Maximum Motor Input Power (W)</th>
<th>Motor Protection</th>
<th>Motor</th>
<th>N° Pole</th>
<th>Hz</th>
<th>Maximum Current (A)</th>
<th>Insulation Class</th>
<th>Lp (A) at 3m free discharge (dB (A))</th>
<th>Speed (RPM)</th>
</tr>
</thead>
<tbody>
<tr>
<td>APL 315 4P-1 1S</td>
<td>1886</td>
<td>112</td>
<td>IP54</td>
<td>Single Phase</td>
<td>4</td>
<td>50</td>
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<td>APL 355 4P-1 1S</td>
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<td>145</td>
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<td>APL 450 4P-1 1S</td>
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<td>IP54</td>
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<td>50</td>
<td>2.00</td>
<td>-</td>
<td>F</td>
<td>55</td>
</tr>
<tr>
<td>APL 500 4P-1 1S</td>
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<td>867</td>
<td>IP54</td>
<td>Single Phase</td>
<td>4</td>
<td>50</td>
<td>3.60</td>
<td>-</td>
<td>F</td>
<td>56</td>
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<td>APL 500 6P-1 1S</td>
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<td>228</td>
<td>IP54</td>
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<td>50</td>
<td>1.10</td>
<td>-</td>
<td>F</td>
<td>44</td>
</tr>
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<td>APL 560 4P-1 1S</td>
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<td>1084</td>
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<td>50</td>
<td>4.60</td>
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<td>57</td>
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<td>IP54</td>
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<td>APL 560 6P-3 1S</td>
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<td>IP54</td>
<td>Three Phase</td>
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<td>607</td>
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<td>2.20</td>
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<td>57</td>
<td>910</td>
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</table>

* Int. Lp(A) sound pressure levels at 3m are measured at free discharge in spherical free field condition, Int. Lp(A) (dB(A)) levels are not licensed by AMCA International.
- Performance ratings do not include the effects of appurtenances (accessories).
- Performance certified is for installation type A - Free inlet, Free outlet.
- Speed (RPM) shown is nominal. Performance is based on actual speed of test.
- Model APL 710 is not licensed by AMCA International.
Propeller Fans – APL Series

### Dimension

![Dimension diagram]

### Technical Data - 50Hz

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<th>Maximum Motor Input Power (W)</th>
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<th>Motor</th>
<th>N° Pole</th>
<th>Hz</th>
<th>Maximum Current (A)</th>
<th>Insulation Class</th>
<th>Lp (A) at 3m free discharge (dB (A))</th>
<th>Speed (RPM)</th>
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<tbody>
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<td>50</td>
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</tbody>
</table>

- Model APL 800 - 1000 are not licensed by AMCA International.
- Inlet Lp(A) sound pressure levels at 3m are measured at free discharge in spherical free field condition, inlet Lp(A)(dB(A)) levels are not licensed by AMCA International.
- ** Please consult KRUGER for fan selection of this model.

### Performance Data - 50 Hz

#### APL 315 4P-1 1S

- Static Pressure vs Flow Rate

#### APL 355 4P-1 1S

- Static Pressure vs Flow Rate

- Values shown are for inlet Lwi(A) sound power levels for installation type A: free inlet, free outlet. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301.
- Performance certified is for installation type A – Free inlet, Free outlet.
- Performance ratings do not include the effects of appurtenances (accessories).
- Speed (RPM) shown is nominal. Performance is based on actual speed of test.
Propeller Fans – APL Series

Performance Data - 50Hz

- Values shown are for inlet Lwi(A) sound power levels for installation type A: free inlet, free outlet. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301.
- Performance certified is for installation type A – Free inlet, Free outlet.
- Performance ratings do not include the effects of appurtenances (accessories).
- Speed (RPM) shown is nominal. Performance is based on actual speed of test.
Propeller Fans – APL Series

Performance Data - 50Hz

- Values shown are for inlet Lwi(A) sound power levels for installation type A: free inlet, free outlet. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301.
- Performance certified is for installation type A – Free inlet, Free outlet.
- Performance ratings do not include the effects of appurtenances (accessories).
- Speed (RPM) shown is nominal. Performance is based on actual speed of test.
- Model APL 710 – 1000 are not licensed by AMCA International.
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The company is always improving and developing its products, therefore the company reserves the right of making changes to the illustrated products. Certified dimension can be provided upon request.