



APL Series

PROPELLER FANS



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.

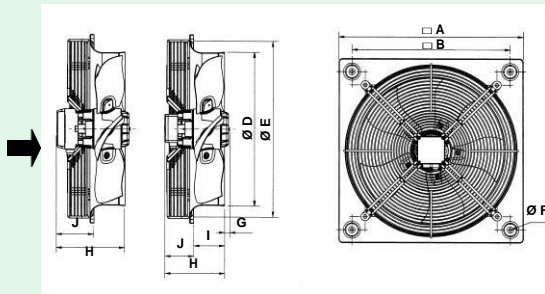


Kruger Ventilation Industries Asia Co., Ltd certifies that the model APL 315-630 shown herein is licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program. Model APL 710-1000 are not licensed by AMCA International.

Dimension

315 - 710

1 PHASE 3 PHASE



| Model | □A | □B | ØD | ØE | ØF | G | H | I | J | Wt (kg) |
|-----------------|-----|-----|-----|-----|----|----|-----|-----|-----|---------|
| APL 315 4P-1 1S | 400 | 330 | 315 | 329 | 10 | - | 149 | 68 | 82 | 7.0 |
| APL 355 4P-1 1S | 450 | 380 | 355 | 371 | 10 | - | 156 | 75 | 82 | 7.5 |
| APL 400 4P-1 1S | 500 | 420 | 400 | 422 | 10 | 12 | 200 | 78 | 122 | 9.0 |
| APL 450 4P-1 1S | 560 | 480 | 450 | 476 | 10 | - | 204 | 91 | 114 | 11.5 |
| APL 500 4P-1 1S | 630 | 560 | 500 | 536 | 10 | 13 | 201 | 97 | 104 | 16.0 |
| APL 500 6P-1 1S | 630 | 560 | 500 | 536 | 10 | - | 201 | 97 | 104 | 16.0 |
| APL 560 4P-1 1S | 710 | 630 | 560 | 596 | 10 | 20 | 213 | 99 | 114 | 21.5 |
| APL 560 6P-1 1S | 710 | 630 | 560 | 596 | 10 | 2 | 213 | 99 | 114 | 21.5 |
| APL 560 6P-3 1S | 710 | 630 | 560 | 596 | 10 | - | 188 | 99 | 89 | 21.5 |
| APL 630 4P-3 1S | 800 | 710 | 630 | 674 | 12 | 25 | 182 | 103 | 79 | 24.0 |
| APL 630 6P-3 1S | 800 | 710 | 630 | 674 | 12 | 7 | 182 | 103 | 79 | 24.0 |
| APL 710 6P-3 1S | 900 | 800 | 710 | 733 | 12 | 11 | 206 | 92 | 115 | 27.0 |

Technical Data - 50Hz

| Model | Max Q (m³/h) | Maximum Motor Input Power (W) | Motor Protection | Motor | N° Pole | Hz | Maximum Current (A) | | Insulation Class | Lp (A) at 3m free discharge (dB (A))* | Speed (RPM) |
|-----------------|--------------|-------------------------------|------------------|--------------|---------|----|---------------------|------|------------------|---------------------------------------|-------------|
| | | | | | | | 220V | 400V | | | |
| APL 315 4P-1 1S | 1886 | 112 | IP54 | Single Phase | 4 | 50 | 0.60 | - | F | 46 | 1420 |
| APL 355 4P-1 1S | 2632 | 145 | IP54 | Single Phase | 4 | 50 | 0.70 | - | F | 48 | 1345 |
| APL 400 4P-1 1S | 4792 | 268 | IP54 | Single Phase | 4 | 50 | 1.20 | - | F | 52 | 1355 |
| APL 450 4P-1 1S | 6574 | 457 | IP54 | Single Phase | 4 | 50 | 2.00 | - | F | 55 | 1325 |
| APL 500 4P-1 1S | 8183 | 867 | IP54 | Single Phase | 4 | 50 | 3.60 | - | F | 56 | 1390 |
| APL 500 6P-1 1S | 5335 | 228 | IP54 | Single Phase | 6 | 50 | 1.10 | - | F | 44 | 875 |
| APL 560 4P-1 1S | 10577 | 1084 | IP54 | Single Phase | 4 | 50 | 4.60 | - | F | 57 | 1370 |
| APL 560 6P-1 1S | 6959 | 371 | IP54 | Single Phase | 6 | 50 | 1.71 | - | F | 48 | 910 |
| APL 560 6P-3 1S | 7718 | 405 | IP54 | Three Phase | 6 | 50 | - | 0.90 | F | 50 | 940 |
| APL 630 4P-3 1S | 12640 | 1066 | IP54 | Three Phase | 4 | 50 | - | 2.20 | F | 61 | 1380 |
| APL 630 6P-3 1S | 10317 | 607 | IP54 | Three Phase | 6 | 50 | - | 1.10 | F | 54 | 900 |
| APL 710 6P-3 1S | 15055 | 1019 | IP54 | Three Phase | 6 | 50 | - | 2.20 | F | 57 | 910 |

* 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.

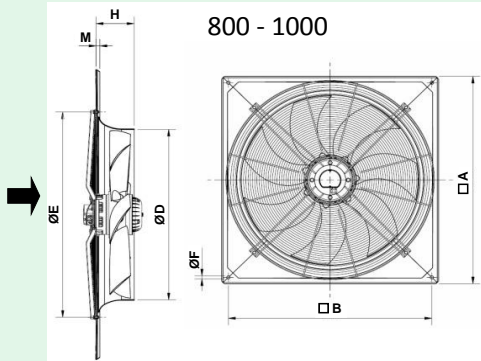
- Performance ratings do not include the effects of appurtenances (accessories).

- 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.

Dimension



800 - 1000

| Model | □A | □B | ØD | ØE | ØF | H | M | Wt (kg) |
|-------------------|------|------|------|------|------|-----|----|---------|
| APL 800 6P-3 1S | 970 | 910 | 797 | 914 | 14.5 | 170 | 17 | 46.0 |
| APL 800 8P-3 1S | 970 | 910 | 797 | 914 | 14.5 | 170 | 17 | 45.0 |
| APL 900 12P-3 1S | 1070 | 1010 | 914 | 1115 | 14.5 | 210 | 22 | 55.0 |
| APL 1000 12P-3 1S | 1170 | 1110 | 1000 | 1140 | 14.5 | 210 | 22 | 61.0 |

Technical Data - 50Hz

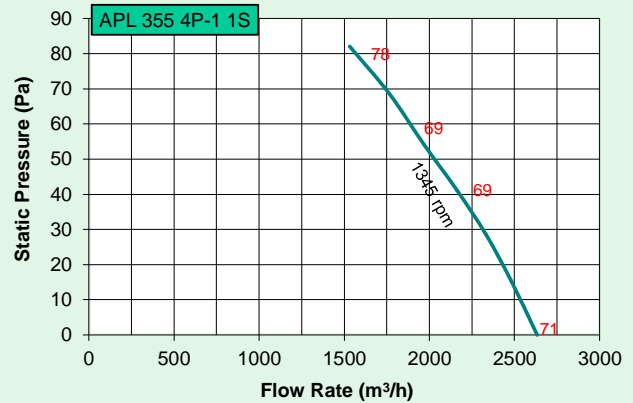
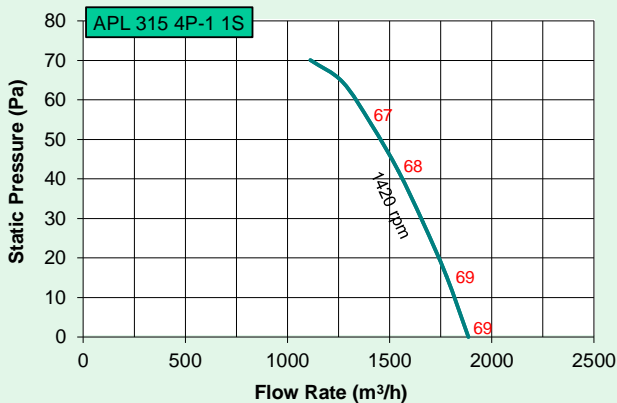
| Model | Max Q (m³/h) | Maximum Motor Input Power (W) | Motor Protection | Motor | N° Pole | Hz | Maximum Current (A) | | Insulation Class | Lp (A) at 3m free discharge (dB (A))* | Speed (RPM) |
|---------------------|--------------|-------------------------------|------------------|-------------|---------|----|---------------------|------|------------------|---------------------------------------|-------------|
| | | | | | | | 220V | 400V | | | |
| APL 800 6P-3 1S | 21687 | 1909 | IP54 | Three Phase | 6 | 50 | - | 3.80 | F | 63 | 900 |
| APL 800 8P-3 1S | 15567 | 802 | IP54 | Three Phase | 8 | 50 | - | 1.50 | F | 52 | 630 |
| APL 900 12P-3 1S** | 18459 | 690 | IP54 | Three Phase | 12 | 50 | - | 2.20 | F | 49 | 440 |
| APL 1000 12P-3 1S** | 23794 | 890 | IP54 | Three Phase | 12 | 50 | - | 1.90 | F | 50 | 420 |

- 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



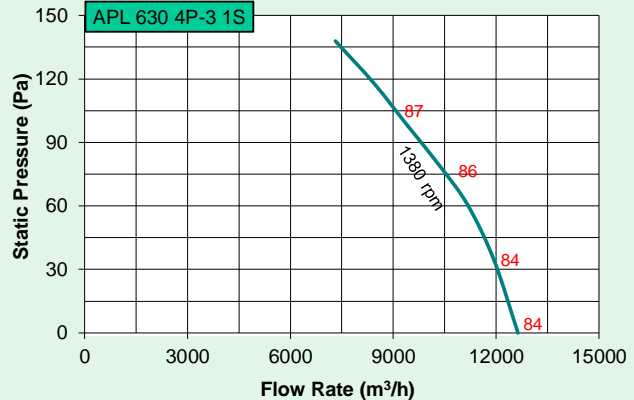
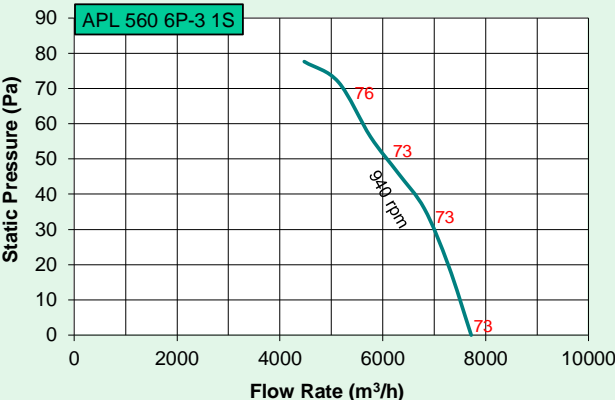
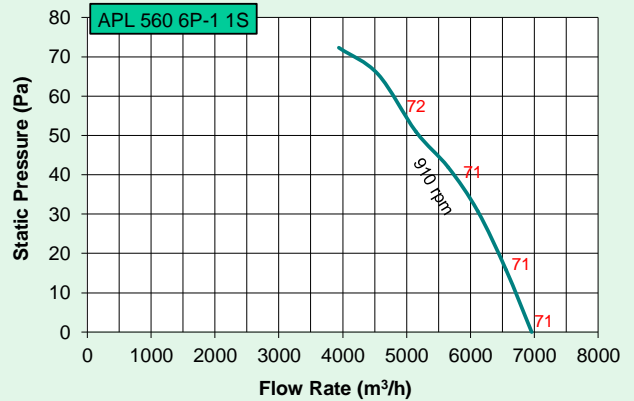
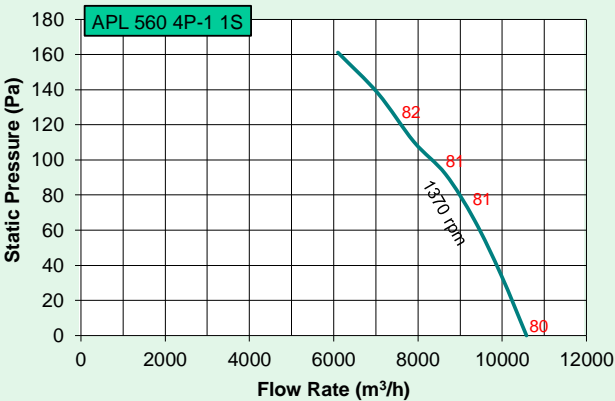
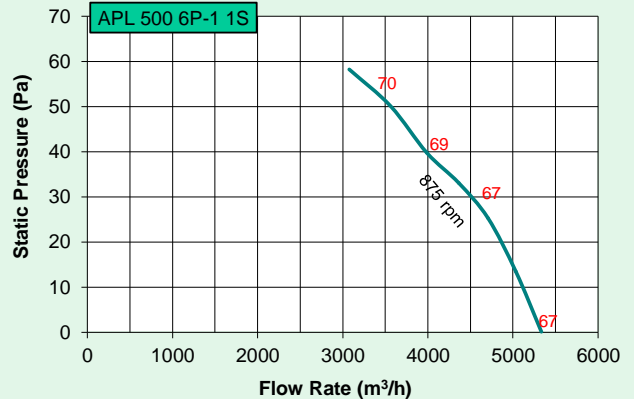
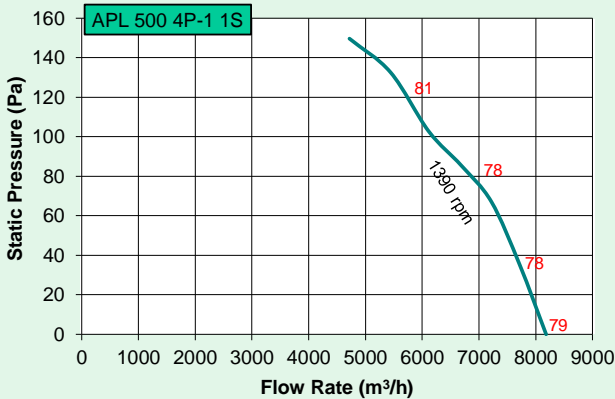
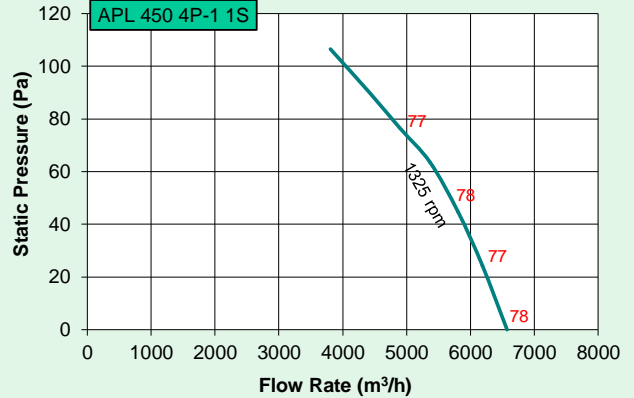
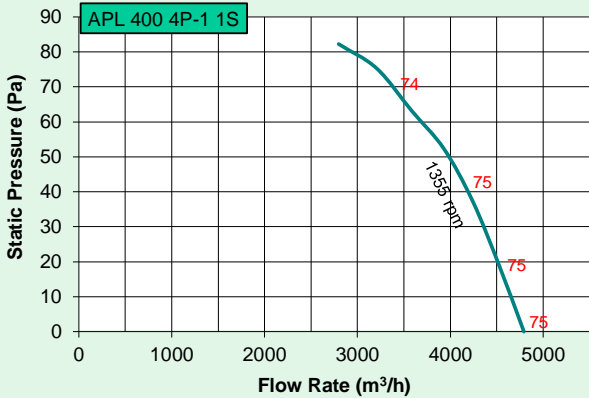
- Values shown are for inlet Lw(A) sound power levels for installation type A: free inlet, free outlet. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301.

- Performance certified is for installation type A – Free inlet, Free outlet.

- Performance ratings do not include the effects of appurtenances (accessories).

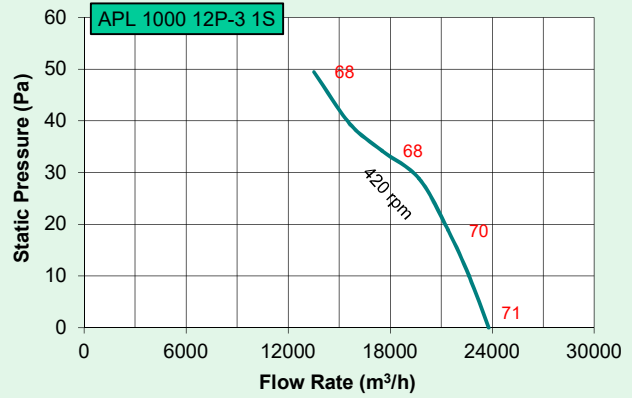
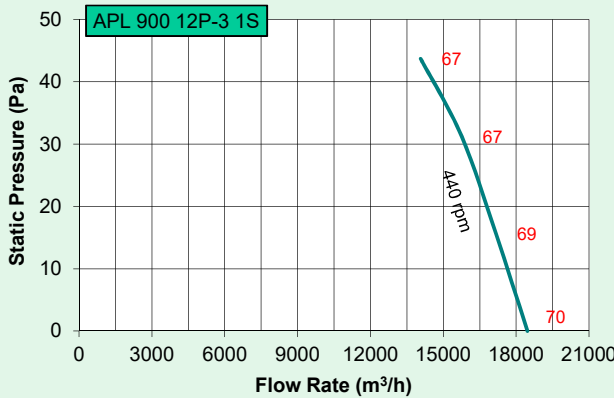
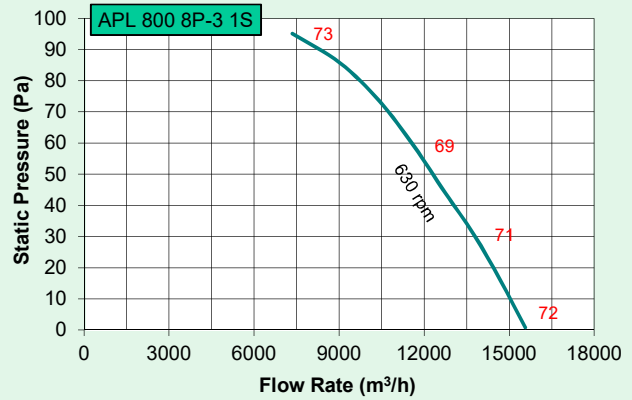
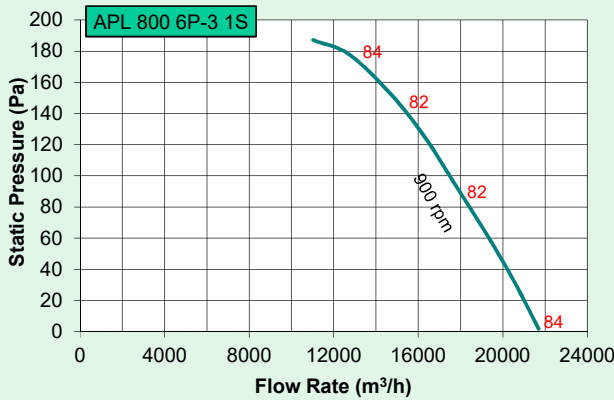
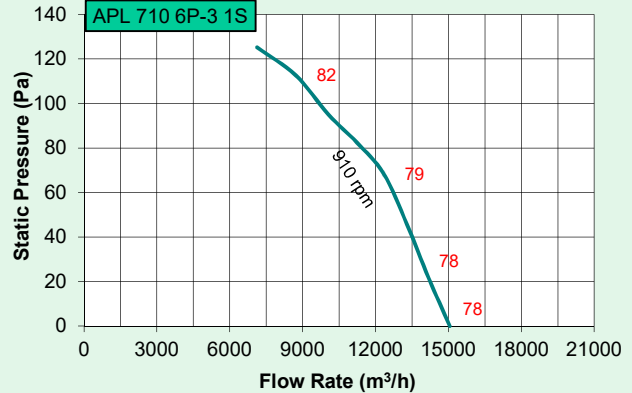
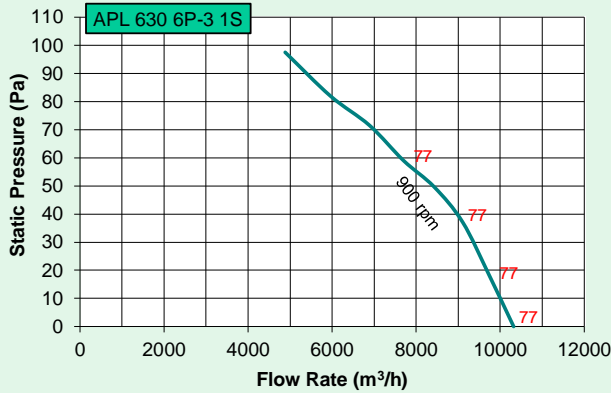
- Speed (RPM) shown is nominal. Performance is based on actual speed of test.

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.

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.