



# **CCD Series**

## **IN-LINE FAN - DIRECT DRIVEN**



# In-Line Direct Driven Fan – CCD Series

**KRUGER**

- Cabinet is manufactured in galvanized sheet steel.
- Incorporates a direct driven, DIDW forward curved centrifugal fan.
- Removable access panel on both sides for easy access to fan and motor.
- Flanged inlet and outlet for easy ductwork connection.
- Operating temperature -20°C to +40°C

## Optional Features:

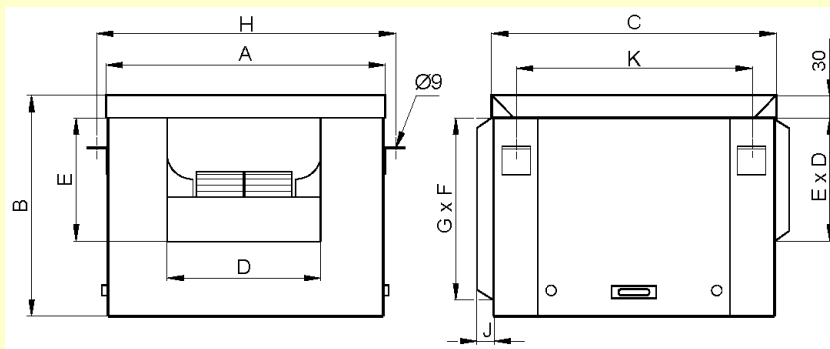
- Internal Insulation
- Filter with throwaway media
- Different discharge orientation



Kruger\* certifies that the **CCD series** 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 comply with the requirements of the AMCA Certified Ratings Program.

\* Kruger Ventilation Industries Asia Co., Ltd  
\* Kruvent Industries (M) Sdn Bhd

## Dimension



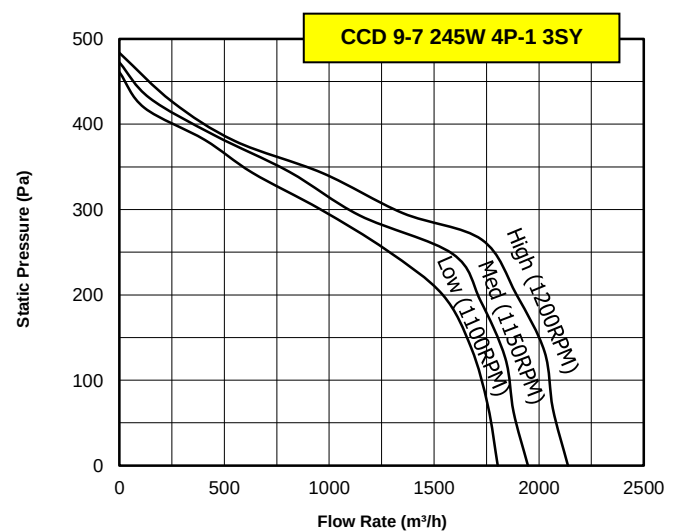
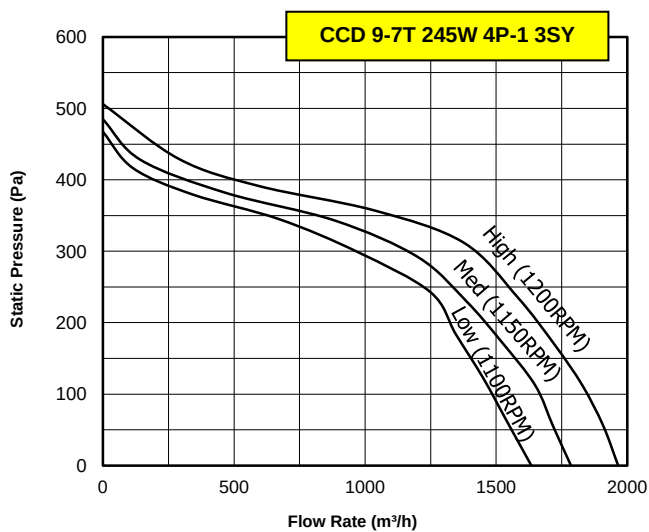
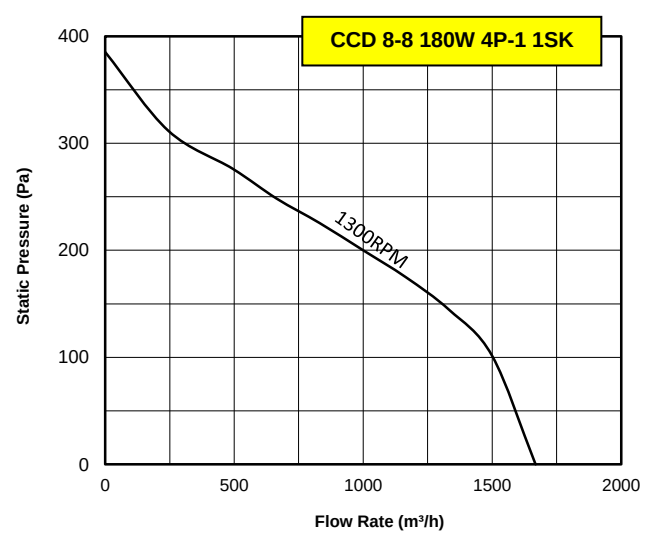
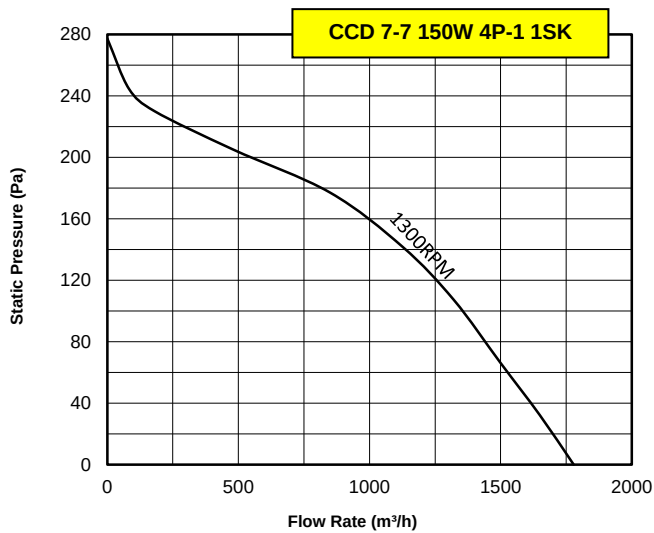
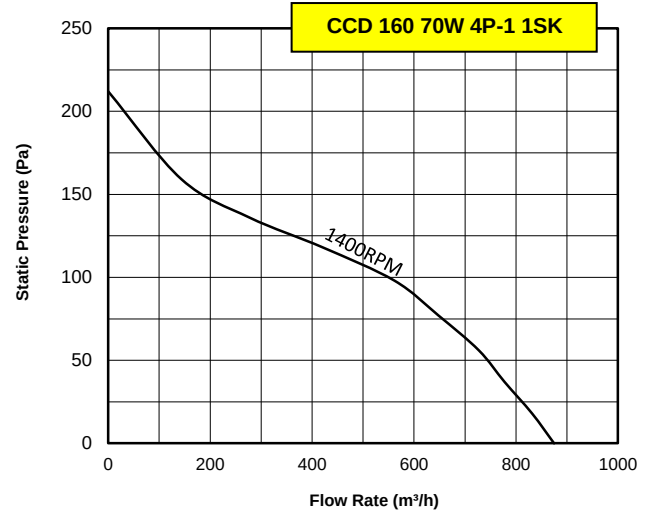
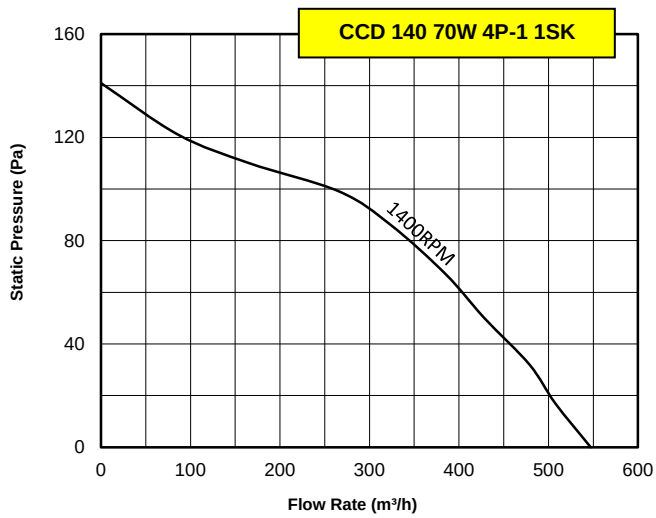
| Model            | A   | B   | C   | D   | E   | F   | G   | H   | J  | K   | Wt (kg) |
|------------------|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|---------|
| <b>CCD 140</b>   | 400 | 258 | 250 | 198 | 111 | 210 | 160 | 440 | 25 | 210 | 10      |
| <b>CCD 160</b>   | 440 | 360 | 305 | 204 | 204 | 270 | 230 | 480 | 25 | 265 | 15      |
| <b>CCD 7-7</b>   | 440 | 402 | 395 | 263 | 232 | 240 | 344 | 476 | 25 | 342 | 18      |
| <b>CCD 8-8</b>   | 500 | 442 | 425 | 291 | 260 | 300 | 384 | 536 | 25 | 372 | 21      |
| <b>CCD 9-7T</b>  | 550 | 380 | 400 | 236 | 266 | 348 | 322 | 586 | 25 | 347 | 23      |
| <b>CCD 9-7</b>   | 550 | 440 | 460 | 236 | 266 | 348 | 382 | 586 | 25 | 407 | 26      |
| <b>CCD 9-9T</b>  | 550 | 380 | 400 | 302 | 266 | 348 | 322 | 586 | 25 | 347 | 24      |
| <b>CCD 9-9</b>   | 550 | 440 | 460 | 302 | 266 | 348 | 382 | 586 | 25 | 407 | 26      |
| <b>CCD 10-8</b>  | 610 | 520 | 505 | 269 | 293 | 410 | 462 | 646 | 25 | 452 | 32      |
| <b>CCD 10-10</b> | 610 | 520 | 505 | 335 | 293 | 410 | 462 | 646 | 25 | 452 | 34      |
| <b>CCD 12-9</b>  | 710 | 605 | 570 | 313 | 345 | 510 | 547 | 746 | 25 | 517 | 41      |
| <b>CCD 12-12</b> | 710 | 605 | 570 | 399 | 345 | 510 | 547 | 746 | 25 | 517 | 43      |

All dimensions in mm.

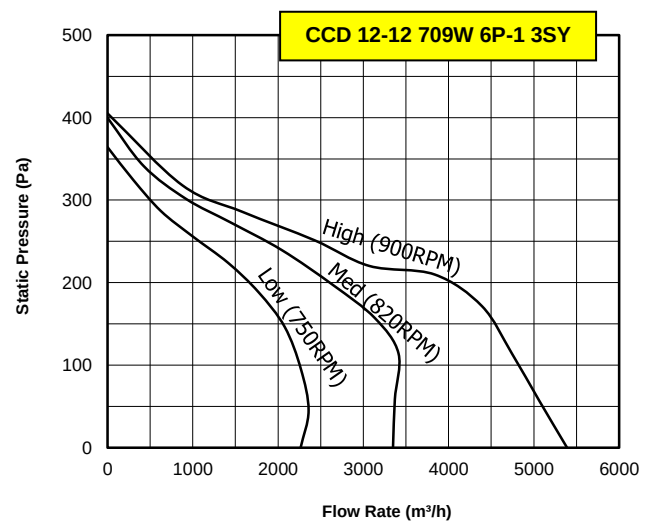
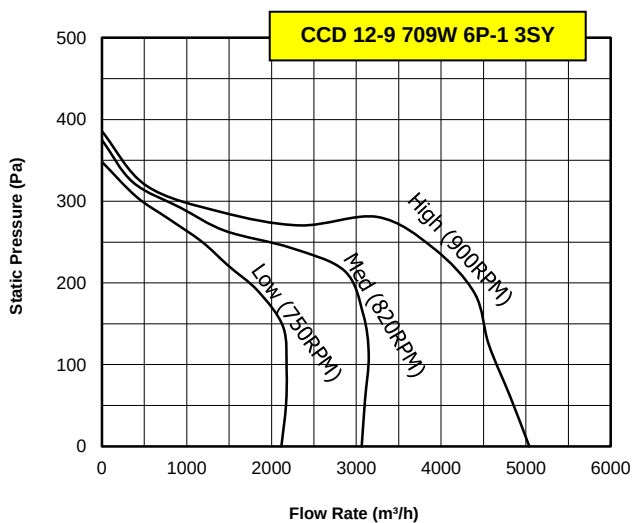
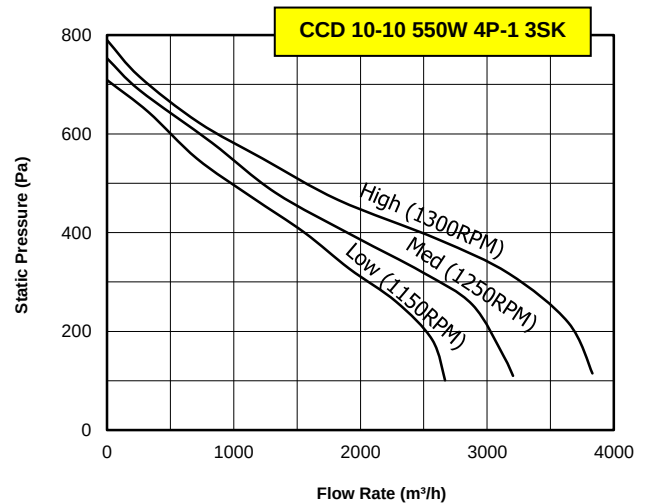
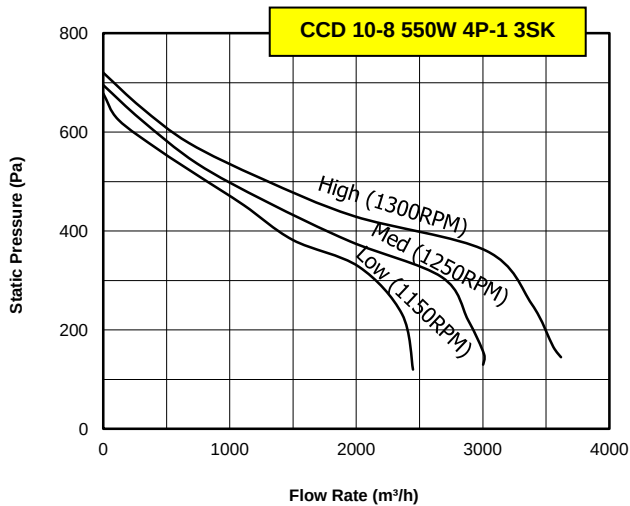
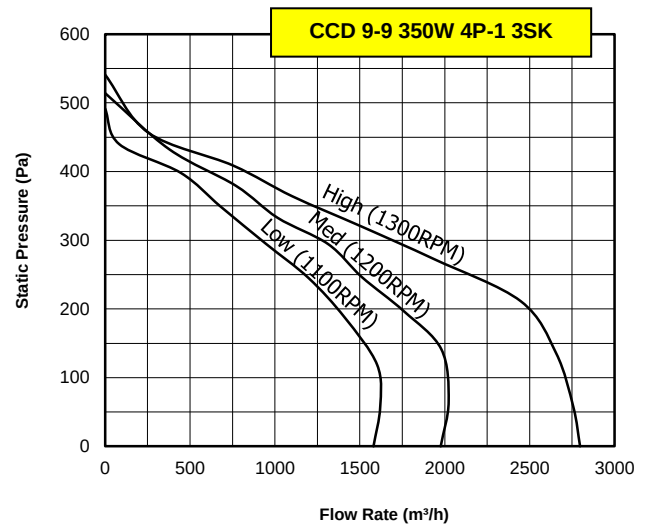
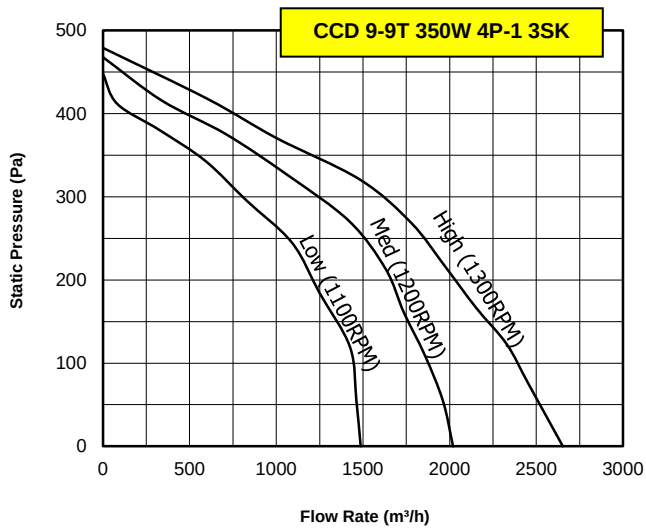
## Technical Data

| Model                          | Max. Q m³/h | Power W | Max. Input Power W | Motor Protection | Phase | Hz | Max. Current A | Voltage V | uF/V     | Insulation | dB(A)* | RPM            |
|--------------------------------|-------------|---------|--------------------|------------------|-------|----|----------------|-----------|----------|------------|--------|----------------|
| <b>CCD 140 70W 4P-1 1SK</b>    | 547         | 70      | -                  | IP21             | 1     | 50 | 0.6            | 230       | 3.5/400  | B          | 50     | 1400           |
| <b>CCD 160 70W 4P-1 1SK</b>    | 875         | 70      | -                  | IP21             | 1     | 50 | 0.7            | 230       | 3.5/400  | B          | 52     | 1400           |
| <b>CCD 7-7 150W 4P-1 1SK</b>   | 1778        | 150     | -                  | IP20             | 1     | 50 | 1.1            | 230       | 7.5/450  | F          | 56     | 1300           |
| <b>CCD 8-8 180W 4P-1 1SK</b>   | 1668        | 180     | -                  | IP20             | 1     | 50 | 1.2            | 230       | 7.5/450  | F          | 57     | 1300           |
| <b>CCD 9-7T 245W 4P-1 3SY</b>  | 1966        | 245     | 600/530/460        | IP21             | 1     | 50 | 2.6/2.3/2.0    | 230       | 7.5/450  | F          | 57     | 1200/1150/1100 |
| <b>CCD 9-7 245W 4P-1 3SY</b>   | 2138        | 245     | 600/530/460        | IP21             | 1     | 50 | 2.6/2.3/2.0    | 230       | 7.5/450  | F          | 54     | 1200/1150/1100 |
| <b>CCD 9-9T 350W 4P-1 3SK</b>  | 2653        | 350     | 800/620/460        | IP21             | 1     | 50 | 3.5/2.7/2.0    | 230       | 12.5/450 | F          | 50     | 1300/1200/1100 |
| <b>CCD 9-9 350W 4P-1 3SK</b>   | 2797        | 350     | 920/650/480        | IP21             | 1     | 50 | 4.0/2.8/2.1    | 230       | 12.5/450 | F          | 52     | 1300/1200/1100 |
| <b>CCD 10-8 550W 4P-1 3SK</b>  | 3654        | 550     | 1380/1080/870      | IP21             | 1     | 50 | 6.0/4.7/3.8    | 230       | 16.0/450 | F          | 53     | 1300/1250/1150 |
| <b>CCD 10-10 550W 4P-1 3SK</b> | 3830        | 550     | 1310/1060/850      | IP21             | 1     | 50 | 5.7/4.6/3.7    | 230       | 16.0/450 | F          | 55     | 1300/1250/1150 |
| <b>CCD 12-9 709W 6P-1 3SY</b>  | 5040        | 709     | 1330/870/580       | IP21             | 1     | 50 | 5.8/3.8/2.5    | 230       | 12.5/450 | F          | 56     | 900/820/750    |
| <b>CCD 12-12 709W 6P-1 3SY</b> | 5389        | 709     | 1290/850/530       | IP21             | 1     | 50 | 5.6/3.7/2.3    | 230       | 12.5/450 | F          | 58     | 900/820/750    |

- Speed (RPM) shown is nominal. Performance is based on actual speed of test. Performance ratings do not include the effects of appurtenances (accessories).
- dB(A) at 3m measured at free discharge.
- dB(A) levels are not licensed by AMCA International.



- Speed (RPM) shown is nominal. Performance is based on actual speed of test. Performance ratings do not include the effects of appurtenances (accessories).
- The AMCA Certified Ratings Seal applies to air performance only.
- Performance certified is for installation type D - Ducted inlet, Ducted outlet.



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- Performance certified is for installation type D - Ducted inlet, Ducted outlet.

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.