



Highlights:

- Tangential fans with high air flow.
- Large outlet area.

General characteristics:

- Motor with ball bearing system. Blower wheel mounting plate with sleeve bearings.
- Fan blower and air duct housing of aluminium. Plastic flanges.
- Fully integrated electronic commutation.
- Protected against reverse polarity and blocking.
- Air exhaust through housing port.
- Electrical connection via single leads. Stripped and tinned ends.
- Mass: 235 / 290 / 380 / 415 g.

| Nominal Data | Air Flow | | Nominal Voltage | Voltage Range | Noise | Normal Speed | Sleeve Bearings Ball Bearings | Power Input | Temperature Range | Life expectancy L _{10Δ} (40 °C) | Curve |
|--------------|-------------------|------|-----------------|---------------|-------|--------------|----------------------------------|-------------|-------------------|---|-------|
| | m ³ /h | CFM | | | | | | | | | |
| CD 30-148A12 | 75 | 44.1 | 12 | 8...14 | 49 | 4300 | □/■ | 6.2 | -20...+60 | 50000 | 1 |
| CD 30-198A12 | 100 | 58.9 | 12 | 8...14 | 51 | 4250 | □/■ | 8.0 | -20...+60 | 50000 | 2 |
| CD 30-303A12 | 140 | 82.4 | 12 | 8...14 | 51 | 3800 | □/■ | 8.7 | -20...+60 | 50000 | 3 |
| CD 30-353A12 | 155 | 91.3 | 12 | 8...14 | 51 | 3600 | □/■ | 9.6 | -20...+60 | 50000 | 4 |
| CD 30-148A24 | 75 | 44.1 | 24 | 16...28 | 49 | 4300 | □/■ | 6.2 | -20...+60 | 50000 | 1 |
| CD 30-198A24 | 100 | 58.9 | 24 | 16...28 | 51 | 4250 | □/■ | 8.0 | -20...+60 | 50000 | 2 |
| CD 30-303A24 | 140 | 82.4 | 24 | 16...28 | 51 | 3800 | □/■ | 8.7 | -20...+60 | 50000 | 3 |
| CD 30-353A24 | 155 | 91.3 | 24 | 16...28 | 51 | 3600 | □/■ | 9.6 | -20...+60 | 50000 | 4 |

Cross-flow fans are only suitable for operation with high rate and low counterpressure.

| Type | Dimension: | L | L ₁ |
|----------------|------------|---------------------|----------------|
| CD 030-148/ .. | | 201 ^{+1.5} | 148 |
| CD 030-198/ .. | | 258 ^{+1.5} | 198 |
| CD 030-303/ .. | | 363 ^{+1.5} | 303 |
| CD 030-353/ .. | | 413 ^{+1.5} | 353 |

The service life values refer to horizontal installation of the blower.

