



# LPKB Silent 200 C1 EC

- Low profile duct fan with circular connections.
- A small and useful duct fan which are perfect for spaces with minimum height clearance.
- Equipped with a built in silencer on the inlet side for an even lower sound level.
- High capacity and efficiency.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings and is very energy efficient.
- Speed controlling can be done with the built-in potentiometer, 0-10 V alt. external control.
- Integrated motor protection.
- Junction box has enclosure class IP 54.
- Fan housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- A duct connected fan can be installed outside or in damp environments.
- The mounting brackets simplify installation in any position.

## Accessories

- Speed controller MS EC
- Controller IQ-Reg EC
- Pressure regulator CALAIR-PR-230V
- Pressure regulator FKP-R
- MK 200
- BSV 200
- RSK 200
- YG 200
- LDC 200
- FLF 200
- FLK 200
- VK 200

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**LPKB Silent 200 C1 EC-y2**

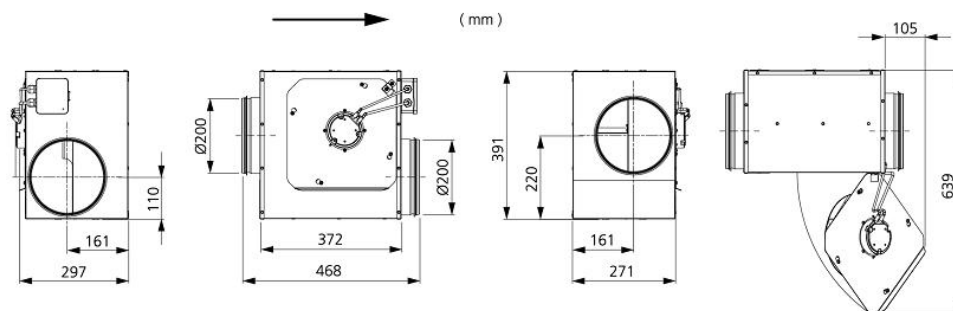
## TECHNICAL DATA

|                                     |             |
|-------------------------------------|-------------|
| Voltage                             | 230 V       |
| Phase                               | 1 ~         |
| Frequency                           | 50/60 Hz    |
| Power                               | 154 W       |
| Current                             | 1.22 A      |
| Speed                               | 2880 r.p.m. |
| Max. temperature of transported air | 60 °C       |
| Sound pressure level at 3 m         | 53 dB(A)    |
| Weight                              | 8.4 kg      |
| Enclosure class                     | 44 IP       |
| Insulation class, motor             | F           |
| Duct connection                     | 200 mm      |
| Max. flow @ 0Pa                     | 280 l/s     |
| Max. pressure                       | 691 Pa      |
| Voltage range                       | 200-277 V   |

## SOUND DATA

|                             | Flow (l/s) | L <sub>WA</sub> tot dB (A) | 63Hz | 125Hz | 250Hz | 500Hz | 1KHz | 2KHz | 4KHz | 8KHz |
|-----------------------------|------------|----------------------------|------|-------|-------|-------|------|------|------|------|
| 5. Surrounding Lw dB(A) 10V | 168        | 60                         | 34   | 40    | 52    | 58    | 48   | 48   | 39   | 31   |
| 5. Outlet Lw dB(A) 10V      | 168        | 80                         | 63   | 67    | 72    | 77    | 71   | 73   | 66   | 58   |
| 5. Inlet Lw dB(A) 10V       | 168        | 69                         | 58   | 63    | 65    | 61    | 55   | 54   | 53   | 45   |
| 4. Inlet Lw dB(A) 8V        | 155        | 67                         | 56   | 61    | 63    | 58    | 52   | 50   | 49   | 40   |
| 3. Inlet Lw dB(A) 6V        | 113        | 62                         | 50   | 56    | 59    | 49    | 43   | 42   | 39   | 29   |
| 2. Inlet Lw dB(A) 4V        | 80         | 52                         | 41   | 49    | 48    | 39    | 32   | 30   | 23   | 13   |
| 1. Inlet Lw dB(A) 2V        | 39         | 38                         | 31   | 35    | 33    | 21    | 14   | 6    | 5    | 4    |

## DIMENSIONS



## Voltage steps

| 1  | 2  | 3  | 4  | 5   |
|----|----|----|----|-----|
| 2V | 4V | 6V | 8V | 10V |