



# LPKB Silent 200 A1 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
- FLK 200
- FLF 200
- VK 200
- LDC 200

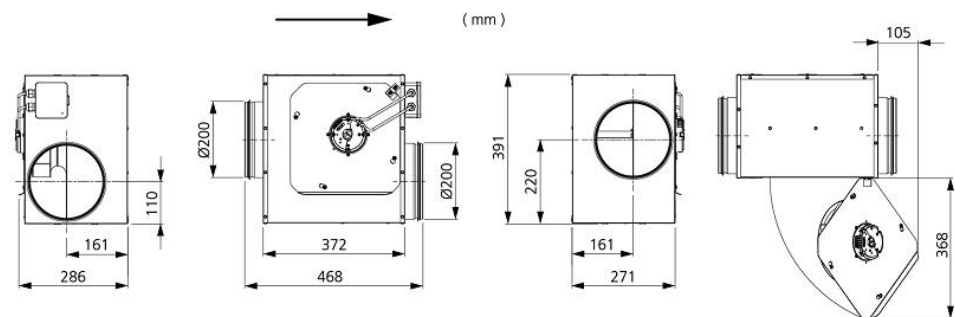
## TECHNICAL DATA

|                                     |             |
|-------------------------------------|-------------|
| Voltage                             | 230 V       |
| Phase                               | 1 ~         |
| Frequency                           | 50/60 Hz    |
| Power                               | 123 W       |
| Current                             | 1.02 A      |
| Speed                               | 2780 r.p.m. |
| Max. temperature of transported air | 60 °C       |
| Sound pressure level at 3 m         | 50 dB(A)    |
| Weight                              | 8.1 kg      |
| Enclosure class                     | 44 IP       |
| Insulation class, motor             | F           |
| Duct connection                     | 200 mm      |
| Max. flow @ 0Pa                     | 253 l/s     |
| Max. pressure                       | 504 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 | 149        | 57                         | 26   | 39    | 47    | 56    | 45   | 43   | 39   | 33   |
| 5. Outlet Lw dB(A) 10V      | 149        | 81                         | 61   | 67    | 67    | 80    | 67   | 72   | 64   | 57   |
| 5. Inlet Lw dB(A) 10V       | 149        | 68                         | 57   | 64    | 62    | 62    | 54   | 54   | 53   | 47   |
| 4. Inlet Lw dB(A) 8V        | 139        | 66                         | 55   | 61    | 60    | 58    | 51   | 51   | 50   | 43   |
| 3. Inlet Lw dB(A) 6V        | 107        | 60                         | 49   | 56    | 55    | 53    | 43   | 44   | 42   | 34   |
| 2. Inlet Lw dB(A) 4V        | 70         | 54                         | 41   | 51    | 51    | 40    | 32   | 33   | 30   | 21   |
| 1. Inlet Lw dB(A) 2V        | 46         | 41                         | 29   | 40    | 32    | 24    | 15   | 15   | 8    | 4    |

## DIMENSIONS



## Voltage steps

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