

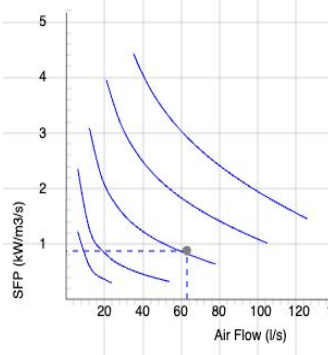
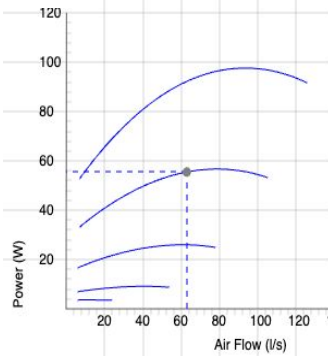
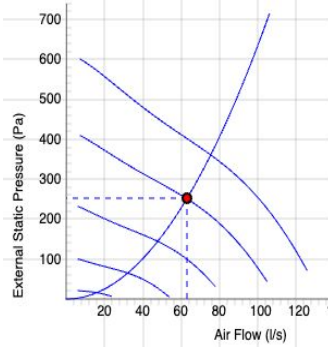


# RS 100 C1 EC

- Exhaust wall fan with circular inlet connection.
- Designed for mounting on external wall.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings and is very energy efficient.
- Integrated motor protection.
- Junction box has enclosure class IP 54.
- Speed controlling can be done with the built-in potentiometer, 0-10 V alt. external control.
- Fan housing is manufactured from galvanized sheet steel.
- Black painted for high durability.

### Accessories

- Speed controller MS EC
- Controller IQ-Reg EC
- Pressure regulator CALAIR-PR-230V
- Pressure regulator FKP-R
- RSK 100
- LDC 100



### Voltage steps

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

### TECHNICAL DATA

| 7400042<br>RS 100 C1 EC-y1          |             |
|-------------------------------------|-------------|
| Voltage                             | 230 V       |
| Phase                               | 1 ~         |
| Frequency                           | 50/60 Hz    |
| Power                               | 98 W        |
| Current                             | 0.8 A       |
| Speed                               | 3630 r.p.m. |
| Max. temperature of transported air | 60 °C       |
| Sound pressure level at 3 m         | 73 dB(A)    |
| Weight                              | 2.5 kg      |
| Enclosure class                     | 44 IP       |
| Insulation class, motor             | F           |
| Duct connection                     | 100 mm      |
| Max. flow @ 0Pa                     | 134 l/s     |
| Max. pressure                       | 615 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 | 79         | 80                         | 39   | 49    | 66    | 74    | 74   | 75   | 69   | 59   |
| 5. Inlet Lw dB(A) 10V       | 79         | 82                         | 59   | 62    | 75    | 78    | 75   | 73   | 67   | 59   |
| 4. Inlet Lw dB(A) 8V        | 68         | 79                         | 57   | 59    | 73    | 75    | 70   | 68   | 62   | 53   |
| 3. Inlet Lw dB(A) 6V        | 53         | 71                         | 51   | 54    | 68    | 65    | 63   | 59   | 53   | 41   |
| 2. Inlet Lw dB(A) 4V        | 37         | 60                         | 44   | 47    | 56    | 55    | 52   | 47   | 38   | 22   |
| 1. Inlet Lw dB(A) 2V        | 21         | 42                         | 30   | 31    | 38    | 37    | 30   | 19   | 13   | 5    |

### DIMENSIONS

