



KVK SILENT 355

Item no. 92164

Version: 50 Hz

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Description

- Low sound level, thick and high density insulation
- Compact design, easy installation
- Easy maintenance, service cover
- Air tight design
- High efficiency and low SFP in a real working point
- Speed-controllable
- Simple to install, mounting brackets included
- Integrated motor protection
- Casing in fire classification EI30.
- Aluzinc casing, C4 corrosion class

KVK Silent is a box fan with circular duct connections. The casing is insulated with thick and high density mineral wool insulation. Due to this insulation the casing have fire classification EI30. The casing is manufactured from Aluzinc in corrosion class C4.

KVK Silent can be speed-controlled via a stepless thyristor or a 5-step transformer. To protect the motor from overheating, the fans have integral thermal contact with leads for connection to a motor protection device.

KVK Silent can be installed in any position.

The FK mounting clamp (accessory) facilitates easy installation and removal and prevents the transfer of vibration to the duct.



Technical parameters

| Nominal data                                              |      |        |
|-----------------------------------------------------------|------|--------|
| Voltage                                                   | 230  | V      |
| Frequency                                                 | 50   | Hz     |
| Phase                                                     | 1    | ~      |
| Input power (P1)                                          | 478  | W      |
| Current                                                   | 2,33 | A      |
| Max. airflow                                              | 1,04 | m³/s   |
| R.p.m.                                                    | 1348 | r.p.m. |
| Capacitor                                                 | 10   | µF     |
| Weight                                                    | 78   | kg     |
| Temperature data                                          |      |        |
| Max. temperature of transported air                       | 70   | °C     |
| Max. temperature of transported air when speed-controlled | 70   | °C     |
| Sound data                                                |      |        |
| Sound pressure level at 3 m                               | 42,5 | dB(A)  |

Get In Touch

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Our Address

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Darlington Road, Northallerton, DL6 2NQ

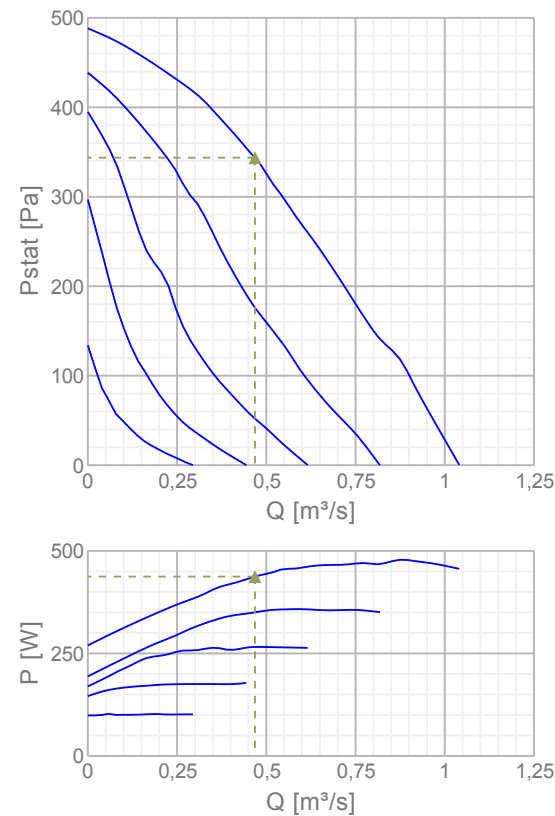




| Protection / Classification |          |
|-----------------------------|----------|
| Insulation class            | F        |
| Enclosure class, motor      | IP54     |
| ErP                         |          |
| ErP ready                   | ErP 2018 |

Diagrams

Diagrams



Max efficiency

| Hydraulic data            |       |               |     |     |     |    |    |    |    |     |
|---------------------------|-------|---------------|-----|-----|-----|----|----|----|----|-----|
| ▲ Working air flow        |       | 0,468 m³/s    |     |     |     |    |    |    |    |     |
| ▲ Working static pressure |       | 344 Pa        |     |     |     |    |    |    |    |     |
| ▲ Power                   |       | 437 W         |     |     |     |    |    |    |    |     |
| Speed                     |       | 1372 r.p.m.   |     |     |     |    |    |    |    |     |
| Current                   |       | 2,15 A        |     |     |     |    |    |    |    |     |
| SFP                       |       | 0,934 W/(l/s) |     |     |     |    |    |    |    |     |
| Voltage                   |       | 230 V         |     |     |     |    |    |    |    |     |
| Sound power level         |       | 63            | 125 | 250 | 500 | 1k | 2k | 4k | 8k | Tot |
| Inlet                     | dB(A) | 51            | 66  | 52  | 48  | 46 | 46 | 42 | 35 | 66  |
| Outlet                    | dB(A) | 50            | 66  | 58  | 56  | 57 | 56 | 51 | 44 | 68  |
| Surrounding               | dB(A) | 27            | 48  | 42  | 38  | 34 | 33 | 35 | 30 | 50  |

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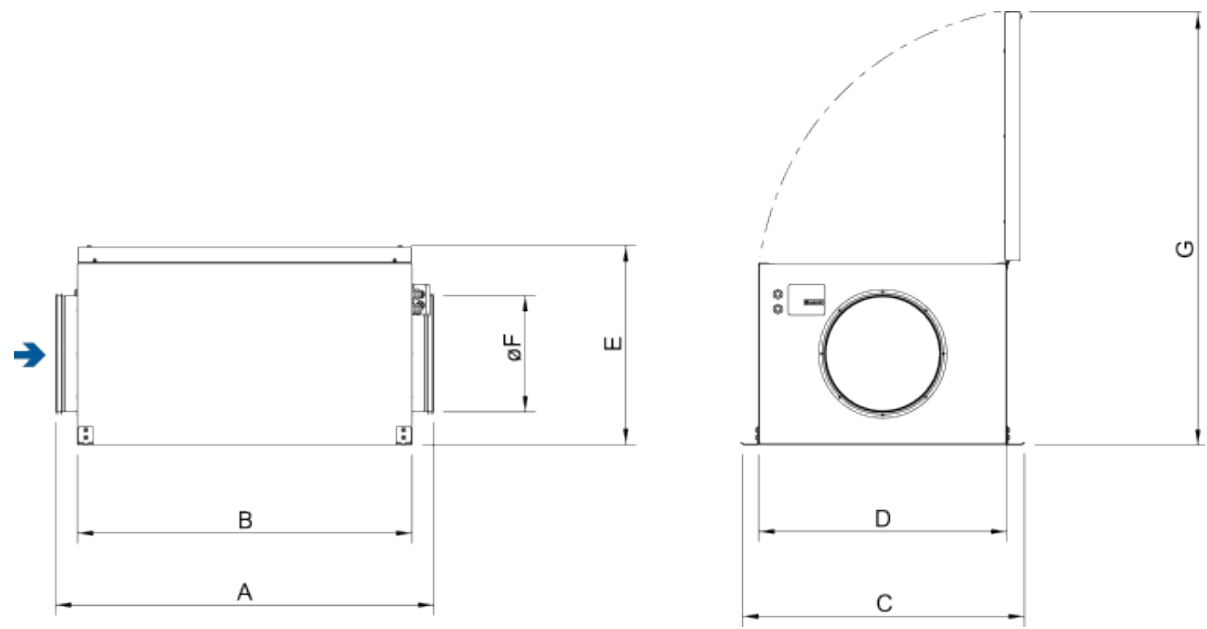
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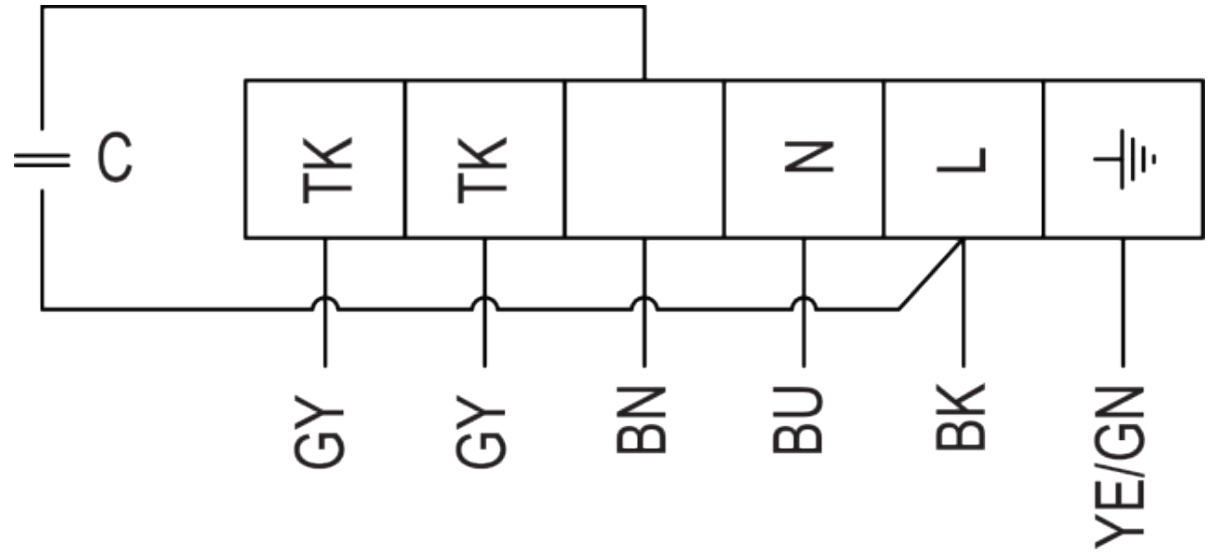


Dimensions



| KVK SILENT | A    | B   | C   | D   | E   | øF  | G    |
|------------|------|-----|-----|-----|-----|-----|------|
| 355        | 1041 | 922 | 952 | 848 | 578 | 355 | 1383 |

Wiring



|    |        |
|----|--------|
| YE | Yellow |
| BU | Blue   |
| GN | Green  |
| BN | Brown  |
| BK | Black  |
| GY | Gray   |

Accessories

Electric accessories

- [REU 3 Speed control \(5005\)](#)
- [RTRE 3 Speed control \(5009\)](#)
- [REE 4 Speed control \(5317\)](#)
- [REPT 6 Digital regulator \(5698\)](#)
- [RT 0-30 Room Thermostat \(5151\)](#)
- [S-ET 10 Motor Protection \(5154\)](#)
- [S-ET 10E Motor Protection \(5155\)](#)
- [CO2RT-R-D Transmitter \(6993\)](#)
- [DTV200 \(6261\)](#)
- [DTV500A \(96807\)](#)



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Accessories

- [CB 355-9,0 400V/3 Duct heater \(5389\)](#)
- [CB 355-12,0 400V/3 Duct heater \(5390\)](#)
- [CBM 355-9,0 400V/3 Duct heater \(5486\)](#)
- [VBF 355 Water heating battery \(1735\)](#)
- [LDC 355-900 Silencer \(5399\)](#)
- [FGR 355 Filter cassette \(1821\)](#)
- [SG 355 Protection guard \(5612\)](#)
- [VK-35 Louvre shutter \(5642\)](#)
- [CB 355-6,0 400V/2 Duct heater \(5388\)](#)

Documentation

 [KVK\\_Silent\\_Slim\\_Operating\\_maintenance\\_145899\\_CE\\_EN\\_A007.pdf](#) (1,47MB)



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