

# KVK SILENT 315 EC

Артикул **92172**

Цена: 2490,00 EUR

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Кем создан: **Systemair Онлайн Каталог**



## Описание

- 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
- Potentiometer included, possible to speed control 0-100%
- Simple to install, mounting brackets included
- Integrated motor protection
- 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. The casing is manufactured from Aluzinc in corrosion class C4.

KVK Silent EC is delivered with integrated motor protection and pre-wired potentiometer (0-10V) that allows you to easily find the desired working point. The fan can be demand controlled via sensors for CO<sub>2</sub>, temperature, humidity, presence indication and VAV. It also offers possibility to communication via Modbus.

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.

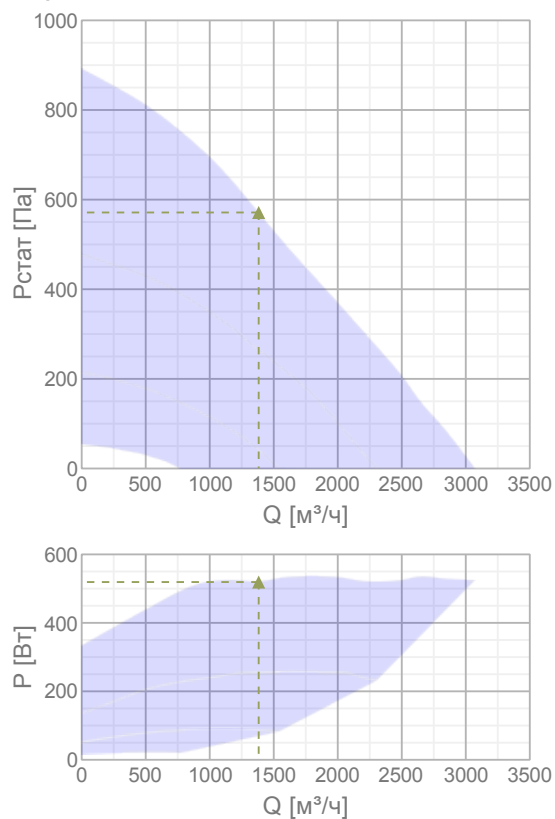


## Технические данные

| Номинальные параметры                                     |       |       |
|-----------------------------------------------------------|-------|-------|
| Напряжение                                                | 230   | В     |
| Частота                                                   | 50/60 | Гц    |
| Фазность                                                  | 1     | ~     |
| Входная мощность (P <sub>1</sub> )                        | 533   | Вт    |
| Ток                                                       | 2,32  | А     |
| Макс. расход воздуха                                      | 3071  | м³/ч  |
| Частота вращения                                          | 2315  | 1/мин |
| Вес                                                       | 57,5  | кг    |
| Температурные параметры                                   |       |       |
| Максимальная температура перемещаемого воздуха            | 60    | °C    |
| Max. temperature of transported air when speed-controlled | 60    | °C    |
| Акустические параметры                                    |       |       |
| Уровень звукового давления на расстоянии 3м (20м² Сэбин)  | 53,1  | дБ(А) |
| Защита / Классификация                                    |       |       |
| Класс изоляции                                            | F     |       |
| Класс защиты двигателя                                    | IP55  |       |

## Характеристики

### Диаграммы



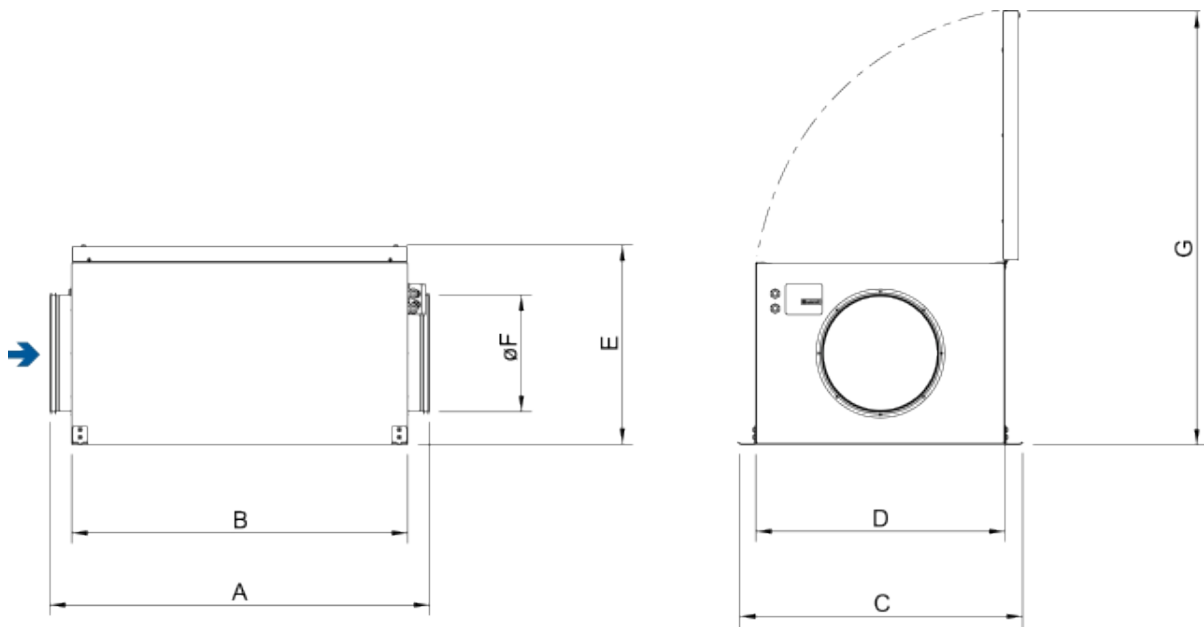
### Макс. эффективность

#### Гидравлические данные

|                                |               |
|--------------------------------|---------------|
| ▲ Рабочий расход               | 1382 м³/ч     |
| ▲ Рабочее статическое давление | 571 Па        |
| ▲ Мощность                     | 519 Вт        |
| Скорость                       | 2360 1/мин    |
| Ток                            | 2,28 А        |
| SFP                            | 1,35 кВт/м³/с |
| Напряжение                     | 230 В         |

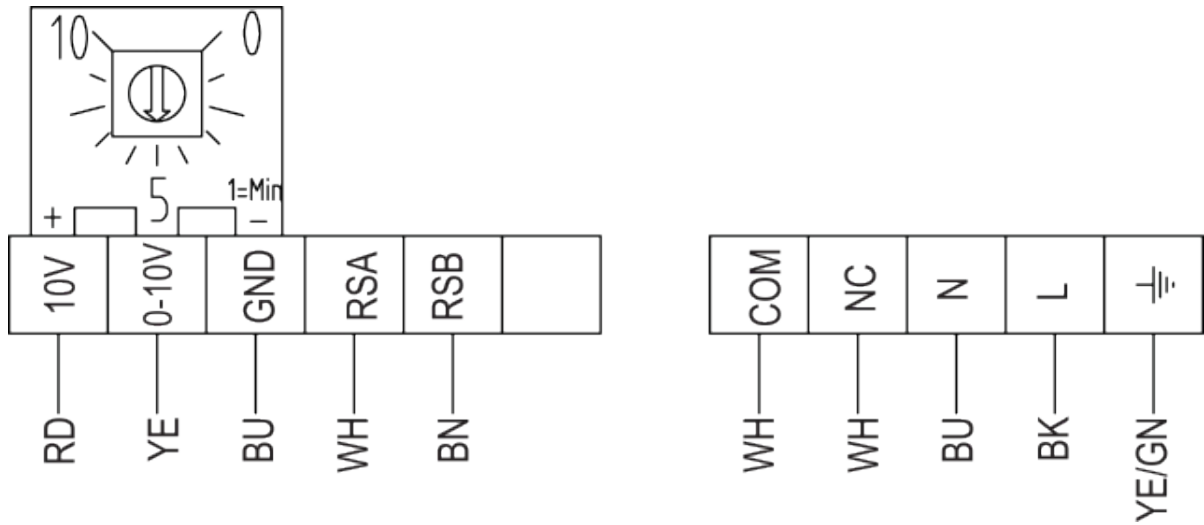
| Уровень звуковой мощности |       | 63 | 125 | 250 | 500 | 1k | 2k | 4k | 8k | Общ. |
|---------------------------|-------|----|-----|-----|-----|----|----|----|----|------|
| Вход                      | дБ(А) | 60 | 62  | 71  | 55  | 55 | 53 | 50 | 48 | 72   |
| Выход                     | дБ(А) | 54 | 66  | 77  | 66  | 68 | 66 | 61 | 54 | 79   |
| К окружению               | дБ(А) | 35 | 41  | 60  | 47  | 39 | 36 | 36 | 35 | 60   |

Размеры



| KVK SILENT | A    | B    | C   | D   | E   | øF  | G    |
|------------|------|------|-----|-----|-----|-----|------|
| 315 AC     | 1022 | 906  | 768 | 672 | 536 | 315 | 1165 |
| 315 EC     | 946  | 826  | 768 | 672 | 493 | 315 | 1125 |
| 355 AC     | 1041 | 922  | 952 | 848 | 578 | 355 | 1383 |
| 355 EC     | 1041 | 922  | 852 | 748 | 538 | 355 | 1045 |
| 400 AC     | 1082 | 922  | 952 | 848 | 578 | 400 | 1383 |
| 400 EC     | 1082 | 922  | 852 | 748 | 538 | 400 | 1045 |
| 500 AC/EC  | 1292 | 1134 | 940 | 850 | 680 | 500 | 1486 |

Схема подключения



|    |        |
|----|--------|
| RD | Red    |
| YE | Yellow |
| BU | Blue   |
| WH | White  |
| GN | Green  |
| BN | Brown  |
| BK | Black  |

## Принадлежности

### Электрические принадлежности

[HR1 Room Humidistat IP21 \(5150\)](#)  
[RT 0-30 Room Thermostat \(5151\)](#)  
[CO2RT-R-D Transmitter \(6993\)](#)  
[Presence detector/IR24-P \(6995\)](#)  
[MTV-1/010 Controller 0..10V+ \(30650\)](#)  
[DMD-C Pressure controller \(15793\)](#)  
[MTP 10, 10K, Speed control \(32731\)](#)  
[EC-Vent Room Unit \(3018\)](#)  
[EC-Vent control board \(3115\)](#)  
[REV-3POL/03 ON/OFF \(33978\)](#)  
[MTP 20, on/off, 3-step \(310220\)](#)  
[EC-Basic-T temperature \(24805\)](#)  
[EC-Basic-U universal 0-10V \(24806\)](#)  
[EC-Basic-H humidity \(24807\)](#)

### Принадлежности

[CB 315-6,0 400V/2 Duct heater \(5374\)](#)  
[CB 315-9,0 400V/3 Duct heater \(5375\)](#)  
[CB 315-3,0 230V/1 Duct heater \(5386\)](#)  
[CB 315-12,0 400V/3 Duct heater \(5387\)](#)  
[CBM 315-9,0 400V/3 Duct heater \(5485\)](#)  
[VBF 315 Water heating battery \(1734\)](#)  
[CWK 315-3-2,5 Duct cooler, circ \(30025\)](#)  
[VBC 315-2 Water heating batt \(5461\)](#)  
[LDC 315-900 Silencer \(5197\)](#)  
[FFR 315 Filter cassette \(1779\)](#)  
[FGR 315 Filter cassette G3 \(1818\)](#)  
[FK 315 Fast clamp \(1613\)](#)  
[VKK-315 Back draft damper \(1628\)](#)  
[RSK-315 Back draft damper \(5604\)](#)  
[SG 315 Protection guard \(5611\)](#)  
[VK-30 Louvre shutter \(5641\)](#)  
[VBC 315-3 Water heating batt \(9844\)](#)

## Документация



KVK\_Silent\_Slim\_Operating\_maintenance\_1458993\_CE\_RU\_A005.pdf (1,44MB)



MODBUS LITE V5.01 parameter specification.pdf (726,08kB)