

DVV 1000D8-XL/120°C

Артикул **95347**

Цена: 8417,00 EUR

Document type: **Технический паспорт**

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Кем создан: **Systemair Онлайн Каталог**

Описание

- Motor outside of the air stream
- Vertical exhaust of media up to 120°C permanently
- Suitable for coastal applications
- Wide range of accessories
- IE1 single speed 8 pole motor inside
- PTC thermal protection serial built-in motor
- Sucking side connection acc. EUROVENT

Octagonal casing is manufactured from seawater resistant aluminium. The base frame consists of hot-dip galvanised steel. Impeller with backward-curved blades is manufactured from galvanised steel.

Motor cooling with fresh air via air duct. The motor protection is provided by customers. Service switch serial on cooling duct. For speed control of single speed motors use combination of frequency inverter and appropriate filter to motor side (sine or du/dt), respectively observe instructions. At frequency controlled units additional EMC protection could be needed (on request).

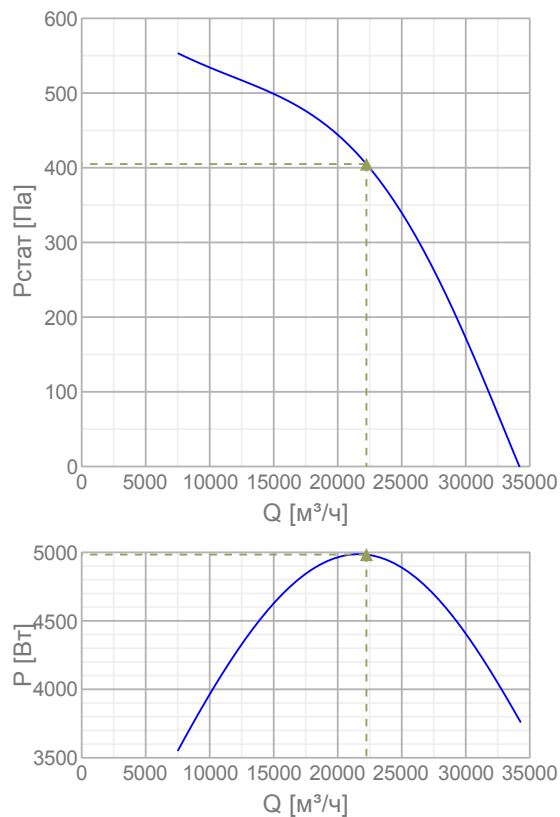


Технические данные

Номинальные параметры		
Напряжение	400	В
Частота	50	Гц
Фазность	3	~
Входная мощность (P1)	4987	Вт
Ток	10,2	А
Макс. расход воздуха	34000	м³/ч
Частота вращения	730	1/мин
Вес	359	кг
Подключение двигателя	D	
Номинальная мощность на валу (P2)	5500	Вт
Пусковой ток	77	А
Пусковой ток (пуск Y-D)	26	А
Температурные параметры		
Максимальная температура перемещаемого воздуха	120	°C
Акустические параметры		
Уровень звукового давления на расстоянии 4м (свободный объем)	66	дБ(А)
Уровень звукового давления на расстоянии 10м (свободный объем)	58	дБ(А)
Защита / Классификация		
Класс изоляции	F	
Класс защиты двигателя	IP55	

Характеристики

Диаграммы



Макс. эффективность

Гидравлические данные

▲ Рабочий расход	22240 $\text{м}^3/\text{ч}$
▲ Рабочее статическое давление	405 Па
▲ Мощность	4984 Вт
Скорость	730 $1/\text{мин}$
Ток	10,2 А
SFP	0,807 $\text{кВт}/\text{м}^3/\text{с}$
Напряжение	400 В

Размеры

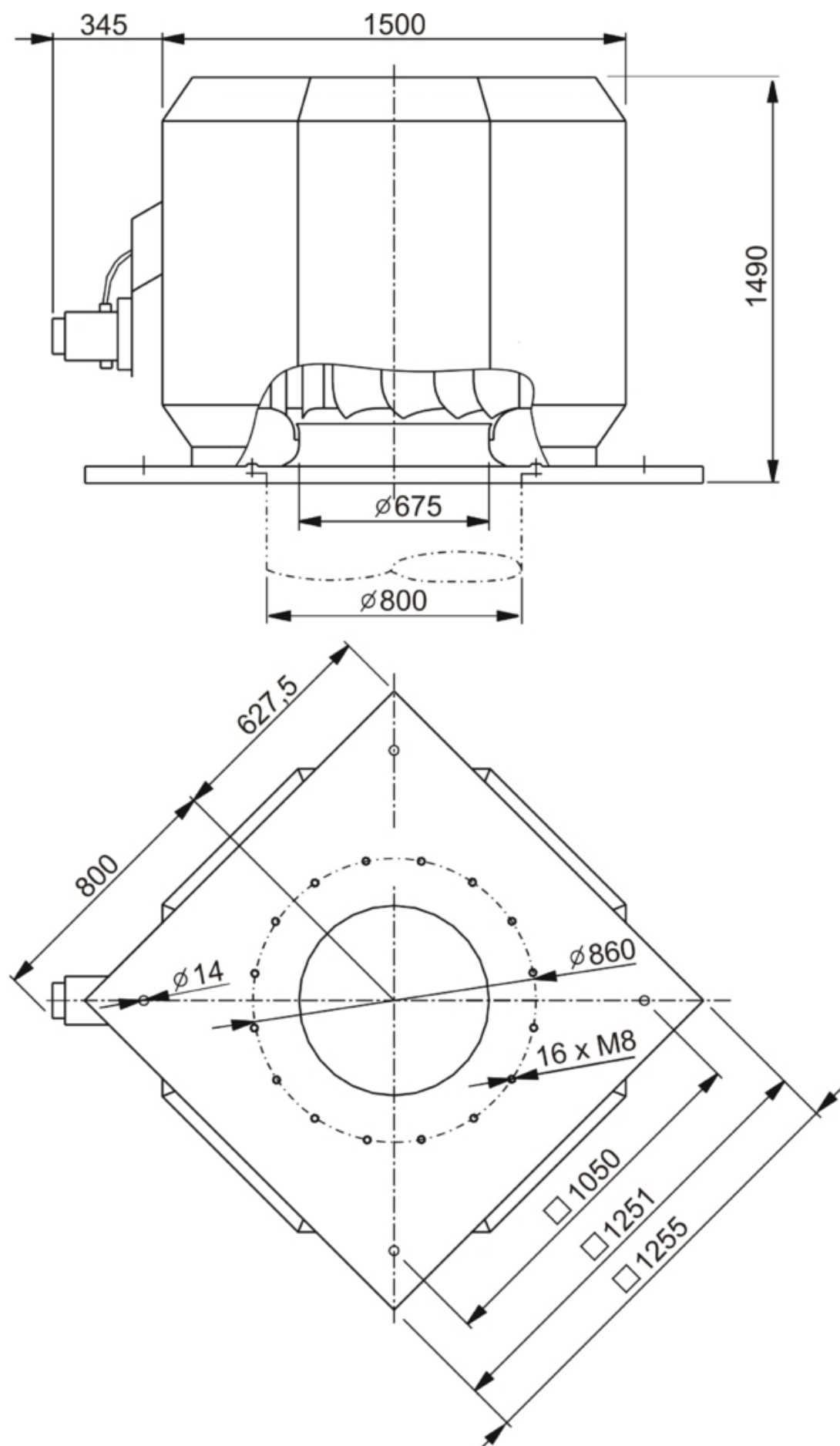
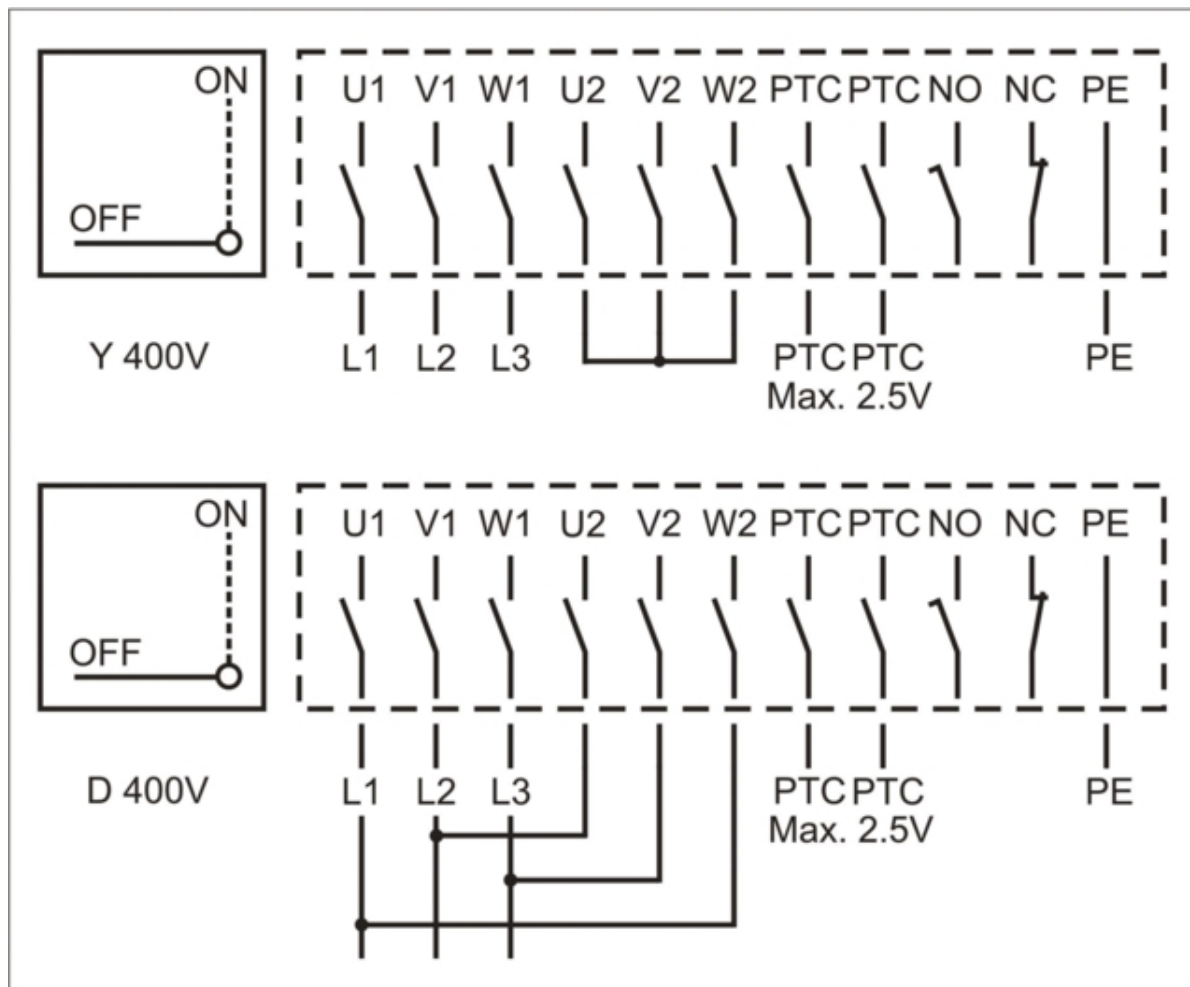


Схема подключения



Lock the service switch in position ON to prevent unintended switch OFF!

Lock is not in scope of fan.

Upper connection: starting in star (not for continuous operation!)

Lower connection: operation in delta

Принадлежности

Электрические принадлежности

[U-EK230E EX Motorprotec. \(30199\)](#)

[FXDM14AM Frequency inv. IP54 \(31389\)](#)

Принадлежности

[VKG/F 800-1000 shutter \(95133\)](#)

[ASSG/F 800-1000 Flex. connect. \(95214\)](#)

[ASG/F 800-1000 inflow box \(95215\)](#)

[ASFV G800-1000 flange \(95219\)](#)

[SSG 800-1000 socket silencer \(95338\)](#)

Документация

[IMO_DVV_en_13_02_2017_Am_10_05_2017.pdf \(2,23MB\)](#)

[DVV_4g_1000_F6_00.dxf \(802,15kB\)](#)

[DVV_F_DVV_120_E8302_31_08_15.pdf \(3,21MB\)](#)

Шумовые характеристики

		Mid-frequency band, Hz								
1000D8-XL	Hz	Tot	63	125	250	500	1k	2k	4k	8k
LwA Inlet	dB(A)	84	66	72	75	79	76	76	71	60
LwA Surrounding	dB(A)	86	68	74	77	81	78	78	73	62

Measuring point: qv = 6,11 m3/s, ps = 400 Pa

Specification text

Roof fan, vertical blowing. The DVV-XS...XP/120 radial fans are intended for the normal daily ventilation, temperature of air up to 120°C. The base frame with inlet cone is made of hot-dip galvanized steel sheet. The outer octagonal casing from seawater-resistant aluminium. Bird protection grill inside casing. The air stream is carried out through annular space between the casing and the motor housing. The fan has a backward curved radial impeller made of steel and galvanized. With hub and secured bolted joint directly assembled on the motor shaft. Dynamically balanced according to ISO 1940 T1 quality class G6,3. Driven by an IEC IE1 8 pole motor, single speed. PTC thermal protection serial built-in electric motor. Cooling of the motor with ambient air through an air duct in underpressure system. The motor protection is provided by customers. Connection the fan to the mains in service switch outside on the casing. For speed control use combination of frequency inverter and appropriate filter to motor side (sine or du/dt), respectively observe instructions. EMC protection (for frequency control, if needed) on request, serial not EMC protected cables, cable glands and service switches are used. Flange connection according to EUROVENT. An additional sound attenuator HSDV (preferable factory mounted) is available as accessorie (the marking of the fan with silencer is DVVI).