

MUB 042 499E4-A2 MULTIBOX**

Артикул **38090**

Version: Поворот на 90°

Цена: 1965,00 EUR

Document type: **Технический паспорт**

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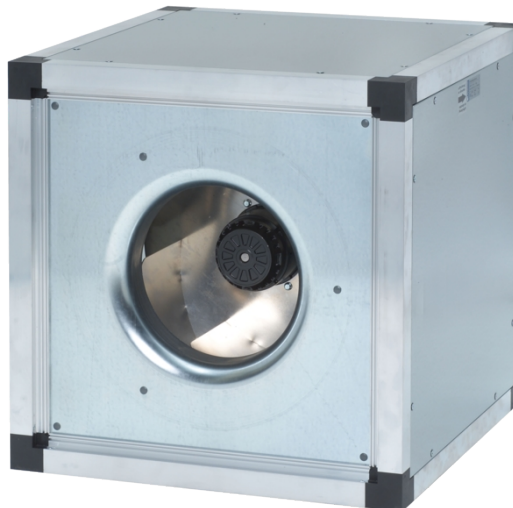
Кем создан: **Systemair Онлайн Каталог**

Описание

- Speed-controllable
- Modular system
- Integral thermal contacts
- Low sound level
- Flexible airflow direction due to removable panels
- Installation in any mounting position
- Maintenance-free and reliable

The MUB fans size 499 have impellers with backward curved blades, manufactured from aluminium. The MUB 499 is equipped with external rotor motors, fully speed controllable. The three phase motors are D/Y connected for two speed operation. Motor protection is done by thermal contacts, which have to be connected to an external motor protection device. The casing consists of a corrosion-resistant aluminium frame with fibreglass reinforced plastic corners of PA6; highly shock-resistant. The double skin panels are manufactured from galvanised steel with 20 mm mineral wool insulation. To avoid condensation the profile is provided with a separate chamber to fix screws. The Multibox fans are delivered for straight through airflow but can easily be rebuilt due to removable panels. This allows flexible ventilation solutions. The MUB can also be used as extract- or supply air unit in air handling units. Installation in any mounting position is possible.

MUB with additional modules (filters, heaters etc.) are available as air handling units "K025, K042 or K062" on request!



Note! Motors marked with E (e.g. E4-A2) is 1-phased

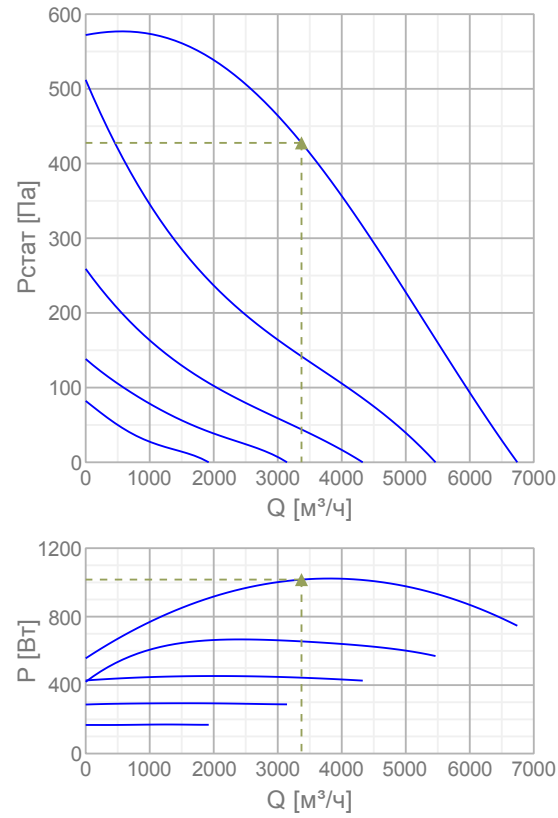
Технические данные

Номинальные параметры		
Напряжение	230	В
Частота	50	Гц
Фазность	1	~
Входная мощность (P1)	1023	Вт
Ток	4,72	А
Макс. расход воздуха	6743	м³/ч
Частота вращения	1270	1/мин
Емкость конденсатора	20	мкФ
Вес	58,5	кг
Температурные параметры		
Максимальная температура перемещаемого воздуха	40	°C
Максимальная температура перемещаемого воздуха при регулировании	40	°C
Акустические параметры		
Уровень звукового давления на расстоянии 1м	48	дБ(А)
Защита / Классификация		
Класс изоляции	F	
Класс защиты двигателя	IP54	

EPS Диаграммы

Характеристики

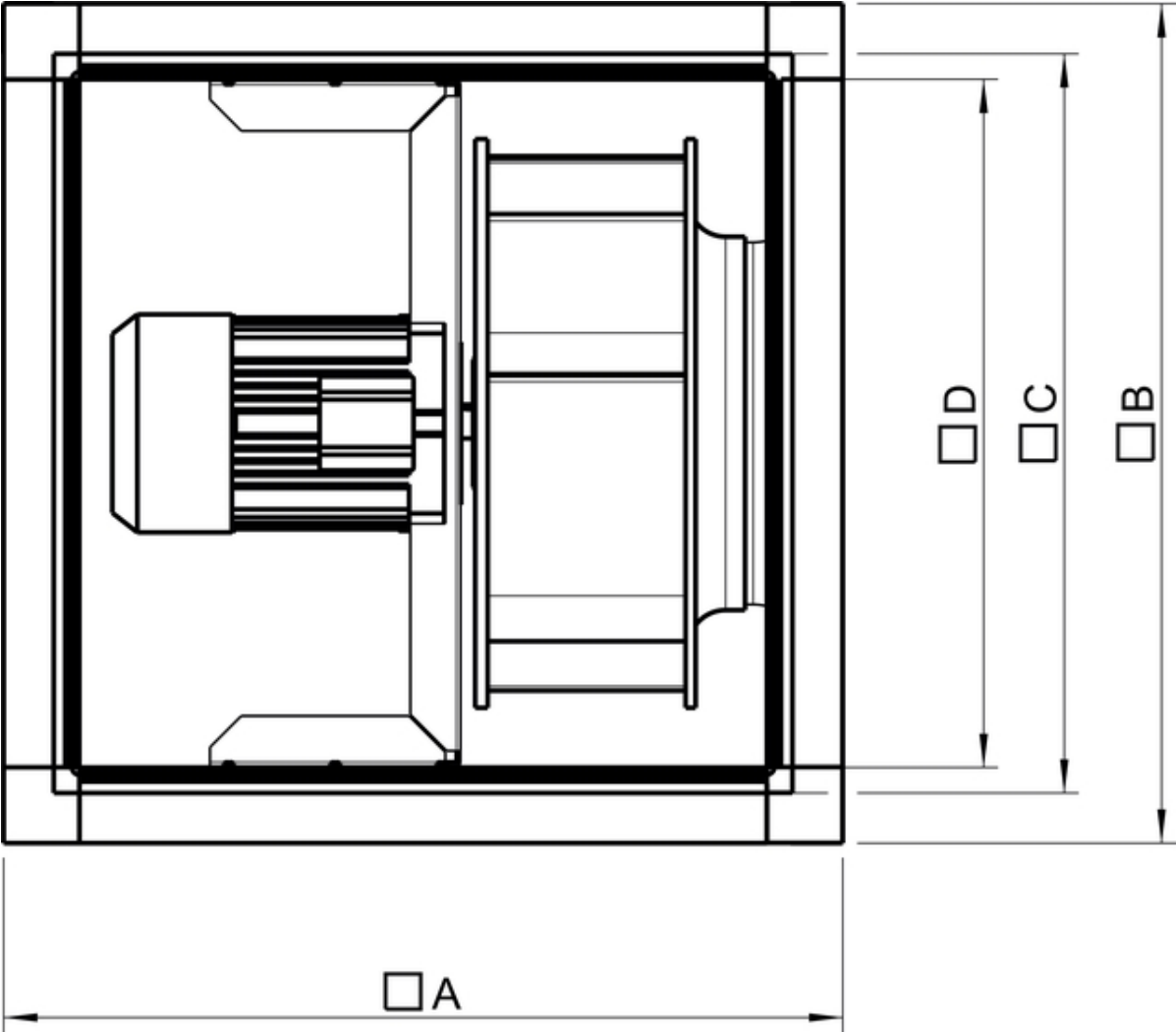
Диаграммы



Макс. эффективность

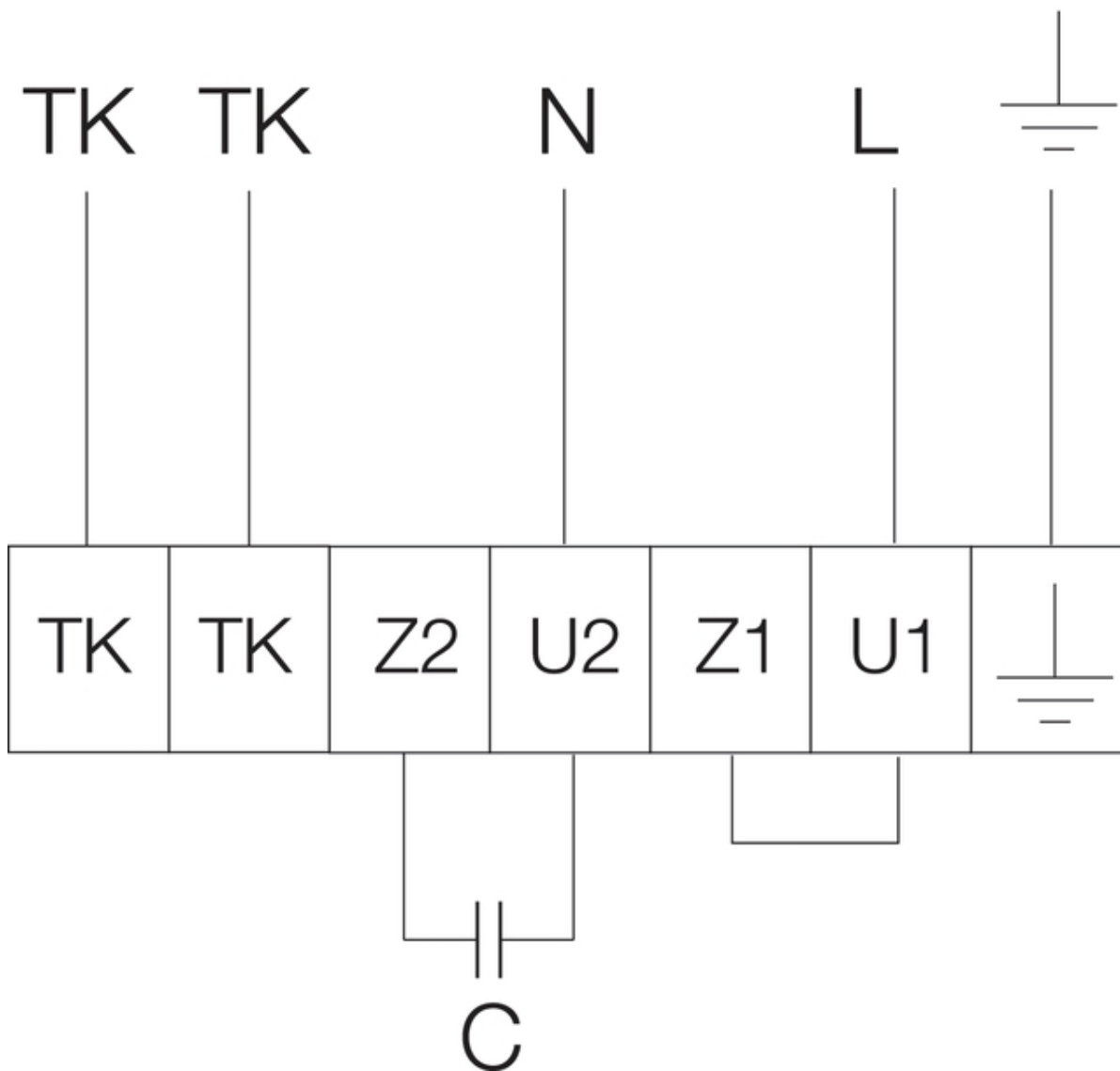
Гидравлические данные	
▲ Рабочий расход	3371 м³/ч
▲ Рабочее статическое давление	428 Па
▲ Мощность	1016 Вт
Скорость	1272 1/мин
Ток	4,69 А
SFP	1,09 кВт/м³/с
Напряжение	230 В

Размеры



□A	□B	□C	□D
MUB 042 499	670	670	590 548

230V 1~



Принадлежности

Электрические принадлежности

[REU 5 Speed control \(5006\)](#)
[RTRE 5 Speed control \(5010\)](#)
[S-ET 10 Motor Protection \(5154\)](#)
[REV-5POL/05 ON/OFF \(33979\)](#)

Принадлежности

[UGS 042/500 adapter flex. \(4357\)](#)
[FGV 042/586-586 flex. conn. \(4605\)](#)
[SDM Service Door MUB 042 comp. \(32572\)](#)
[ASG/F 400-450 inflow box \(309949\)](#)
[CCM outlet MUB042 d400 \(311682\)](#)
[CCM outlet MUB042 d500 \(311683\)](#)
[CCM inlet MUB042 d400 \(311780\)](#)
[CCM inlet MUB042 d500 \(311781\)](#)
[WSD 042 \(730x730x70\) complete \(31481\)](#)

Документация

 IMO_MUB_160427_DE,EN,SE,DK,ES,RU_002_311722_web.pdf (2,69MB)

 Commissioning Report_fans_160628_en_001.pdf (42,79kB)

Шумовые характеристики

Mid-frequency band, Hz										
	Hz	Tot	63	125	250	500	1k	2k	4k	8k
LwA Inlet	dB(A)	78	65	67	71	73	72	69	64	57
LwA Outlet	dB(A)	80	67	69	73	75	74	71	66	59
LwA Surrounding	dB(A)	55	42	44	48	50	49	46	41	34

Mesurement point: qv = 0,94 m³/s, Ps = 428 Pa

Specification text

Multibox duct fan for easy and direct installation in duct systems. Casing frame construction made of aluminium hollow profiles and plastic corners for highest impact resistance. Double skin galvanised steel panels, thermally and sound insulated with a 20 mm layer of mineral wool, smooth inner sides. Free-running, backward curved circular impeller made of aluminium. Impeller acc. to VDI 2060, balancing quality G 6.3, dynamically balanced in two planes. Voltage controllable external rotor motor (IP44), maintenance-free, the motor is placed inside the air flow for cooling. Integral thermal contacts acc. to EN 60335-2-80 with leads to a motor protection device. Speed-controlled by voltage reduction via transformer. Terminal box fitted on the motor. Multifunctional use, variable outlet direction, can be modified on site. For extract and supply air. Installation in any mounting position. For indoor installation. For outdoor installation with corresponding accessories.