

MUB 025 355DV sileo Multibox

Item Number: [37728](#)

Variant: 400V 3~ 50Hz - 90° air flow



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 355 have 3D profiled impellers with backward curved blades, manufactured from polyamide. The MUB 355 is equipped with external rotor motors, fully speed controllable. For speed controlling with a frequency converter a type with all pole sine filter is needed!. 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 shockresistant. 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!

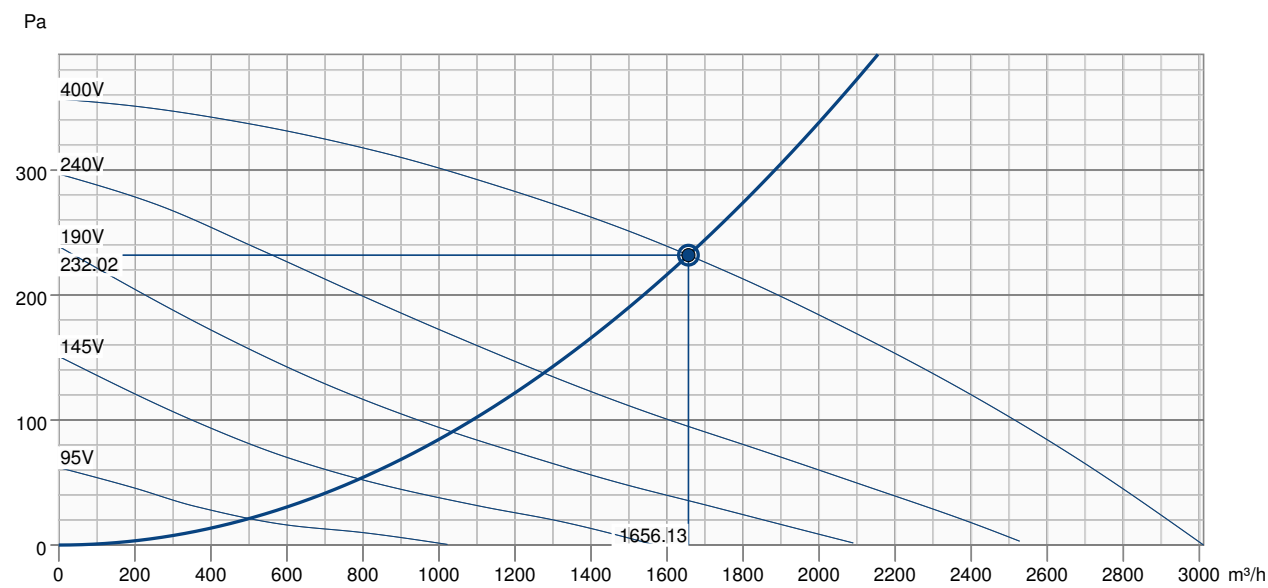
Note! Motors marked with E (e.g. E4) is 1-phased



Technical parameters

Nominal data		
Voltage (nominal)	400	V
Frequency	50	Hz
Phase(s)	3~	
Input power	267	W
Input current	0.5	A
Impeller speed	1,338	r.p.m.
Air flow	max 3,010	m³/h
Temperature of transported air	max 60	°C
Maximum temperature of transported air, when speed controlled	60	°C
Sound data		
Sound pressure level at 3m (20m² Sabin)	51	dB(A)
Protection/Classification		
Enclosure class, motor	IP44	
Insulation class	F	
Data according to ErP		
ErP ready	ErP 2016; ErP 2018	
Dimensions and weights		
Weight	30	kg
Others		
Motor type	AC	

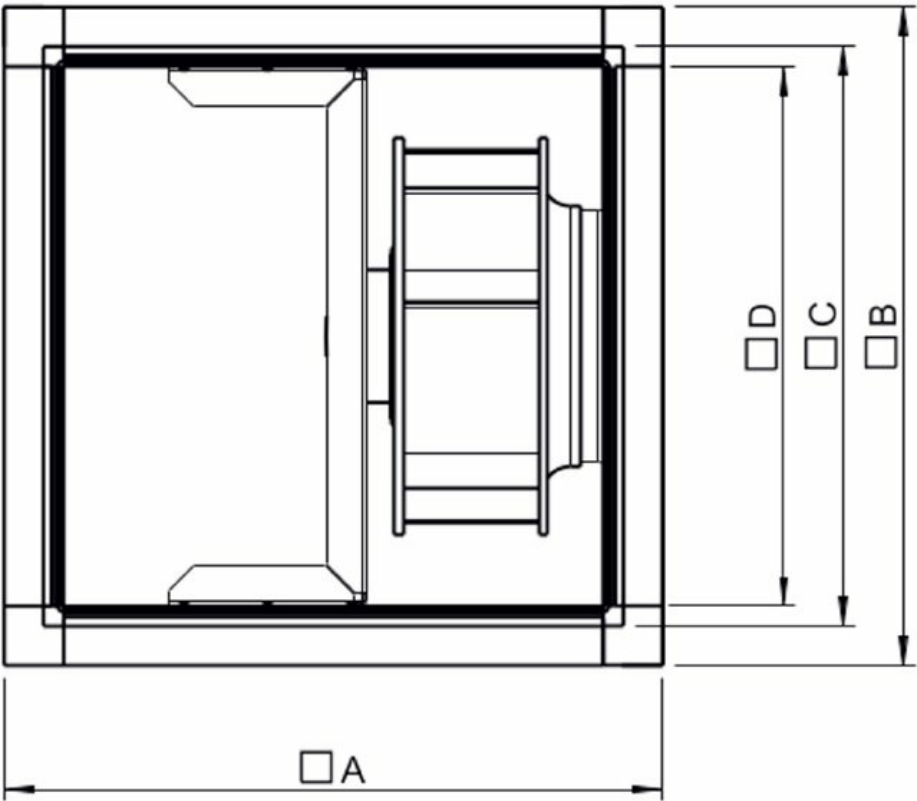
Performance curve



Hydraulic data	
Required air flow	1656 m³/h
Required static pressure	232 Pa
Working air flow	1656 m³/h
Working static pressure	232 Pa
Air density	1.204 kg/m³
Power	266.3 W
Fan control - RPM	1342 rpm
Current	0.50 A
SFP	0.579 kW/m³/s
Control voltage	400.0 V
Supply voltage	400 V

Sound power level		63	125	250	500	1k	2k	4k	8k	Total
Inlet	dB(A)	35	57	53	58	61	57	54	44	65
Outlet	dB(A)	36	58	54	59	63	58	55	45	67

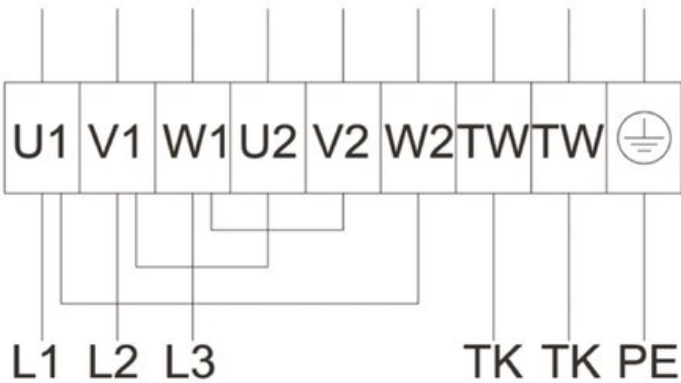
Dimension



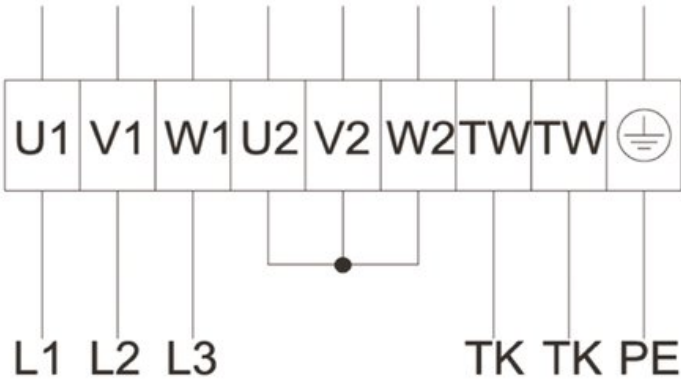
	□A	□B	□C	□D
MUB 025 355	500	500	420	378

Wiring

Delta connection



Star connection



Product		
Trade name	Systemair	
Product name	MUB 025 355DV sileo Multibox	
Ecodesign		
ErP compliance	2018	
Unit category	NRVU	
Drive	External MSD or VSD	
Unit type	UVU	
Heat recovery type	None	
Temperature ratio (UVU)	Not applicable	
qv nom	0.46	m³/s
P nom	0.267	kW
Ps nom	232	Pa
Fan efficiency	40	%
External Leakage	5	%
Sound power level LWA	67	dB(A)

Accessories

- CCM inlet MUB025 d315 (312562)
- CCM outlet MUB025 d315 (312535)
- CCMI outlet 025 d315 insul KIT (313843)
- CCMI outlet 025 d355 insul KIT (313844)
- FGV 025/416-416 flex. conn. (4196)
- FRQ5S-4A+LED V2 (36233)
- FRQS-4A V2 (36231)
- REV-5POL/07 ON/OFF (33980)
- REV-9POL/12 ON/OFF (33981)
- RTRD 2 Speed Cont. Systemair (5941)
- RTRDU 2 Speed contr. Systemair (5945)
- S-DT2SKT Two speed switch Y/D (2697)
- SD-MUB Vibration pad set (37324)
- SDM Service Door MUB 025 comp. (32571)
- STDT 16 Motor Protection (5152)
- TUNE-AHU-DE006-025-418x418-M0 (79880)
- UGS 025/355 adapter flex. (4356)
- WSD 025 (560x560x70) complete (31480)
- WSG 025 MUB complete (31484)

Documents

- MANUAL_MUB_ALL_EN_[008]-MIN.PDF
- EU DECLARATION OF CONFORMITY_MUB_EN_[001].PDF
- COMMISSIONING REPORT_FANS_160628_EN_001.PDF

Specification