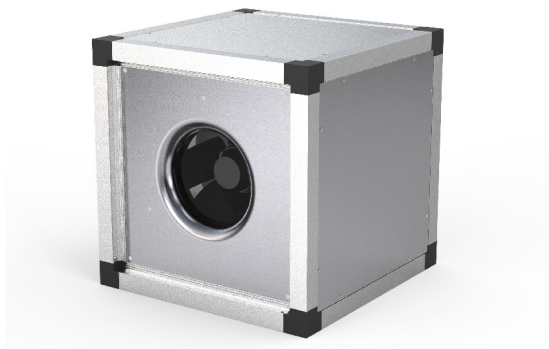



Efficient fans for supply or exhaust ventilation systems

- Acoustic and thermal insulation 30 mm
- Flexible airflow direction due to removable panels
- Indoor and outdoor installation
- Modular system of accessories
- Available with AC and EC motors for 50 and 60Hz

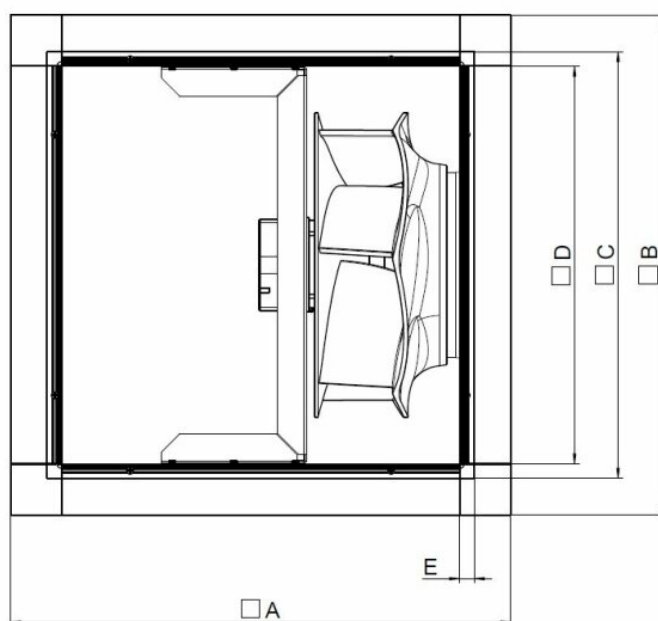
[Find more details in our online catalogue](#)

Technical parameters

Nominal data	
Voltage (nominal)	230 V
Frequency	50 Hz
Phases	1~
Input power	1,137 W
Input power kW	1.137 kW
Input current	5.32 A
Impeller speed	1,386 rpm
Air flow	max 2.08 m³/s
Capacitance of capacitor	30 µF
Temperature of transported air	max 60 °C
Max temperature of transported air, when speed controlled	60 °C
Protection/Classification	
Enclosure class, motor	IP54
Insulation class	F
Data according to ErP	
ErP ready	ErP 2018
Dimensions and weights	
Weight	61 kg
Others	
Motor type	AC

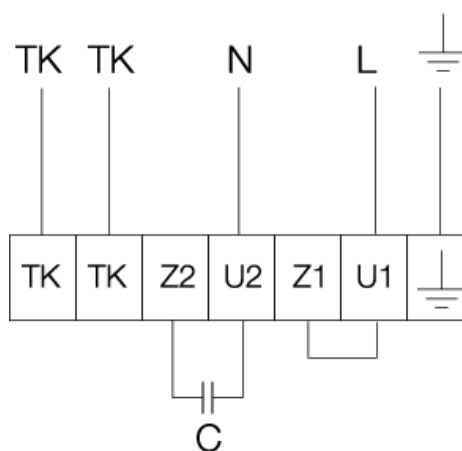
Dimension

MUB 042	□A	□B	□C	□D	E
400/450/500	690	690	590	548	21

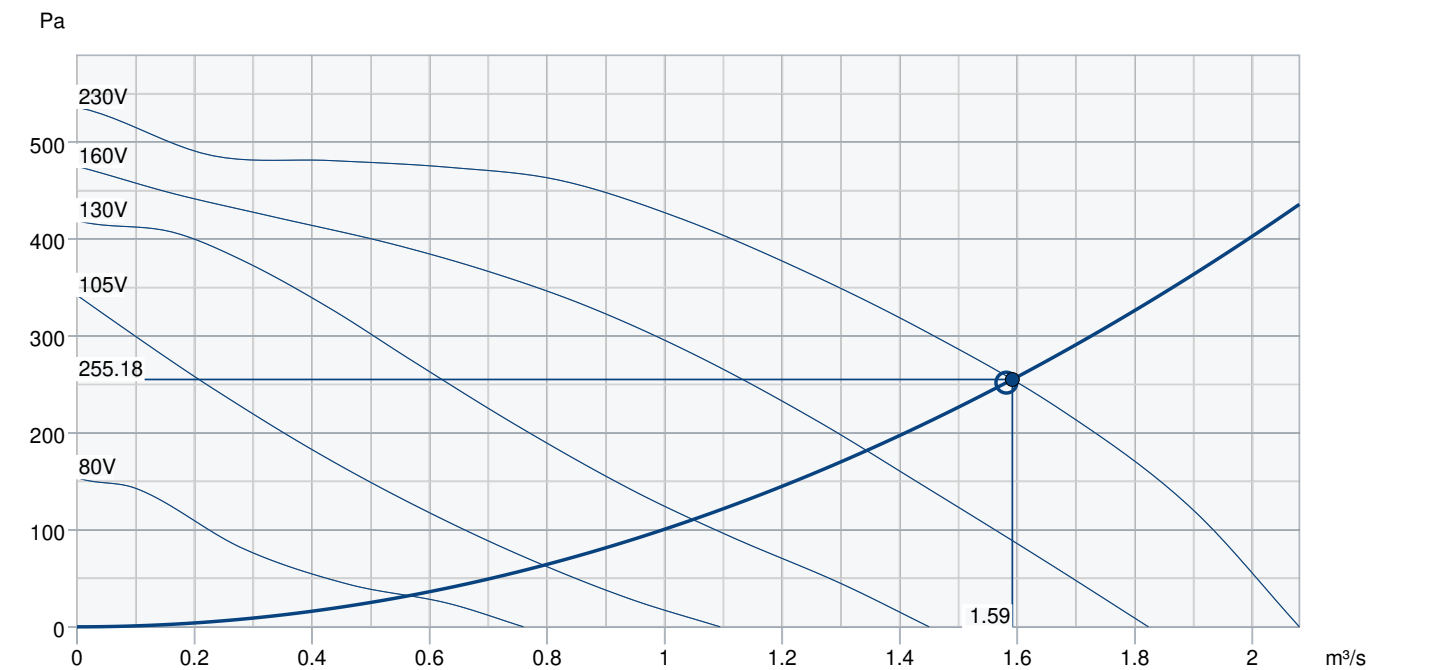


Wiring

230V 1~



Performance curve



Hydraulic data										
Required air flow		1.58 m³/s								
Required static pressure		252 Pa								
Working air flow		1.59 m³/s								
Working static pressure		255 Pa								
Air density		1.204 kg/m³								
Power		1,133.4 W								
Fan control - RPM		1,386 rpm								
Current		5.30 A								
SFP		0.712 kW/m³/s								
Control voltage		230.0 V								
Supply voltage		230 V								
Sound power level		63	125	250	500	1k	2k	4k	8k	Total
Inlet	dB(A)	48	66	69	74	79	78	74	65	83
Outlet	dB(A)	49	68	70	76	80	79	75	67	84
Surrounding	dB(A)	27	48	45	44	49	51	42	30	56
Sound pressure level at 3m (20m² Sabine)	dB(A)	-	-	-	-	-	-	-	-	49
Sound pressure level at 3m free field	dB(A)	-	-	-	-	-	-	-	-	35

Accessories

FGV 042/586-586 flex. conn. (4605)	Frequency converter FRQ5SE-6A (37421)
Motor protect. switch S-ET 10 (161199)	REU 7 Speed control (5007)
REV-5POL/05-7.5kW R/Y (33979)	RTRE 7 Speed control (5011)
SD-MUB Vibration pad set (37324)	TUNE-AHU-DE007-042-588x588-M0 (79881)
UGS 042/500 adapter flex. (4357)	WSD 042 (730x730x70) complete (31481)
WSG 042 MUB complete (31485)	Frequency converter FRQSE-6A (37419)
CCM inlet MUB042 d400 (311780)	CCM inlet MUB042 d500 (311781)
CCM outlet MUB042 d400 (311682)	CCM outlet MUB042 d500 (311683)
CCMI outlet 042 d400 KIT 30mm (239093)	CCMI outlet 042 d500 KIT 30mm (239094)
GRU 042-690/100 (276661)	KKC-DX-L 042 cooling section (277261)
KKC-DX-R 042 cooling section (277265)	KKC-W-L 042 cooling section (277269)
KKC-W-R 042 cooling section (277273)	KKF 30 042-filter-section (93311)
KKH-HW 042 heater-section (93339)	KKS 042 silencer-section (276851)
SDM Service Door MUB 042 30mm (273934)	

Documents

Installation, Operation and Maintenance instruction_001
EPD_360388_Systemair_MUB_AC_pdf
COMMISSIONING REPORT_FANS_160628_EN_001.PDF
EPD_360388_Systemair_MUB_AC_json