


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**

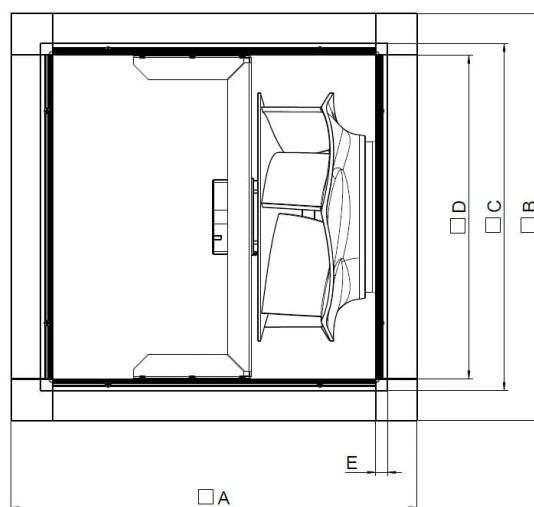
[Find more details in our online catalogue](#)

Technical parameters

Nominal data	
Voltage (nominal)	230 V
Frequency	50 Hz
Phases	1~
Input power	1137 W
Input power kW	1.137 kW
Input current	5.32 A
Impeller speed	1386 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

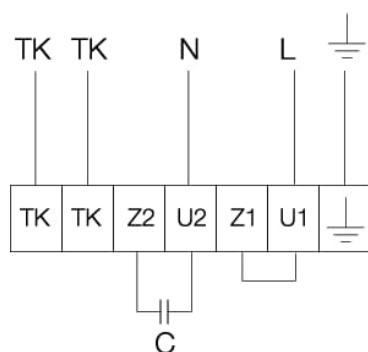
Dimension

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

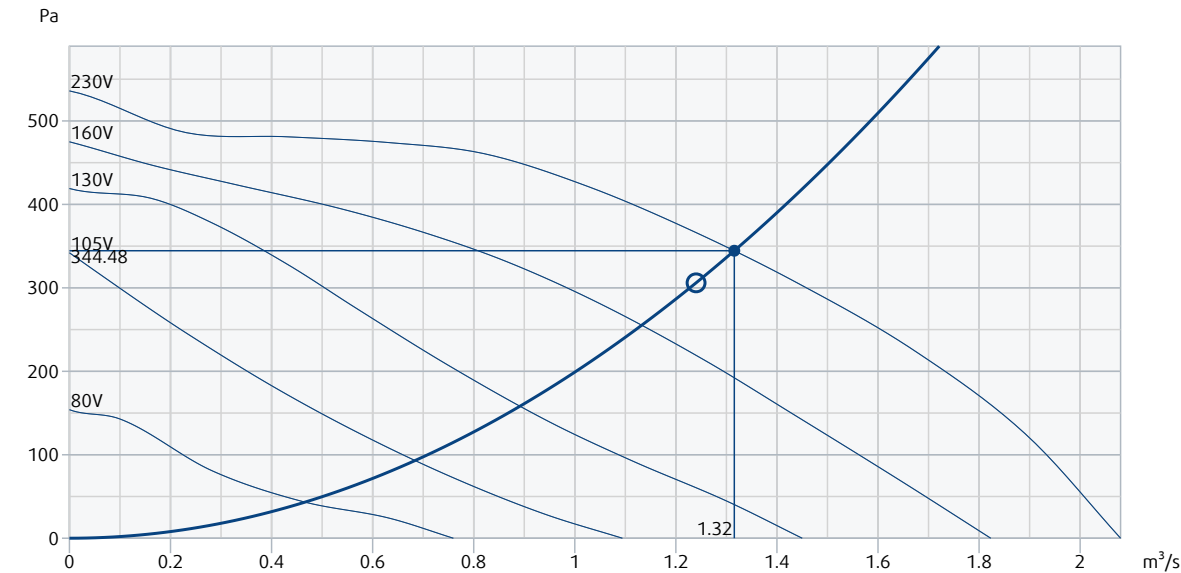


Wiring

230V 1~



Performance curve



Hydraulic data											
Required air flow		1.24 m³/s									
Required static pressure		306 Pa									
Working air flow		1.32 m³/s									
Working static pressure		344 Pa									
Air density		1.204 kg/m³									
Power		1,091.6 W									
Fan control - RPM		1,395 rpm									
Current		5.14 A									
SFP		0.830 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)	47	66	68	74	78	77	73	65	82
Outlet		dB(A)	48	67	70	75	79	78	75	66	84
Surrounding		dB(A)	26	47	44	43	49	51	41	30	55
Sound pressure level at 3m (20m² Sabine)		dB(A)	-	-	-	-	-	-	-	-	48
Sound pressure level at 3m free field		dB(A)	-	-	-	-	-	-	-	-	34

AHU Accessories

CCM inlet MUB042 d400, 311780 (311780)
CCM outlet MUB042 d400, 311682 (311682)
CCMI outlet 042 d400 KIT 30mm, 239093 (239093)
FGV 042/586-586 flex. conn., 4605 (4605)
FRQS-E-6A, 37419 (37419)
KKC-DX-L 042 cooling section, 277261 (277261)
KKC-W-L 042 cooling section, 277269 (277269)
KKC-W-R 042 cooling section, 277273 (277273)
KKF 30 042-filter-section, 93311 (93311)
KKH-HW 042 heater-section, 93339 (93339)
KKS 042 silencer-section, 276851 (276851)
REV-5POL/05 ON/OFF, 33979 (33979)
S-ET 10 Motor Protection, 161199 (161199)
SDM Service Door MUB 042 30mm, 273934 (273934)
UGS 042/500 adapter flex., 4357 (4357)
WSG 042 MUB complete, 31485 (31485)

CCM inlet MUB042 d500, 311781 (311781)
CCM outlet MUB042 d500, 311683 (311683)
CCMI outlet 042 d500 KIT 30mm, 239094 (239094)
FRQ5S-E-6A, 37421 (37421)
GRU 042 base frame h= 100mm, 276661 (276661)
KKC-DX-R 042 cooling section, 277265 (277265)
KKC-W-L 042 cooling section, 277269 (277269)
KKC-W-R 042 cooling section, 277273 (277273)
KKH-HW 042 heater-section, 93339 (93339)
KKS 042 silencer-section, 276851 (276851)
REU 7 Speed control, 5007 (5007)
RTRE 7 Speed control, 5011 (5011)
SD-MUB Vibration pad set, 37324 (37324)
TUNE-AHU-DE007-042-588x588-M0, 79881 (79881)
WSD 042 (730x730x70) complete, 31481 (31481)

Documents

Commissioning Report
EPD_360388_Systemair_MUB_AC_json
EPD_360388_Systemair_MUB_AC_pdf
Installation, Operation and Maintenance instruction_003
MLR Manual