



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
- **ZM310 casing panels** with **corrosion class C5**

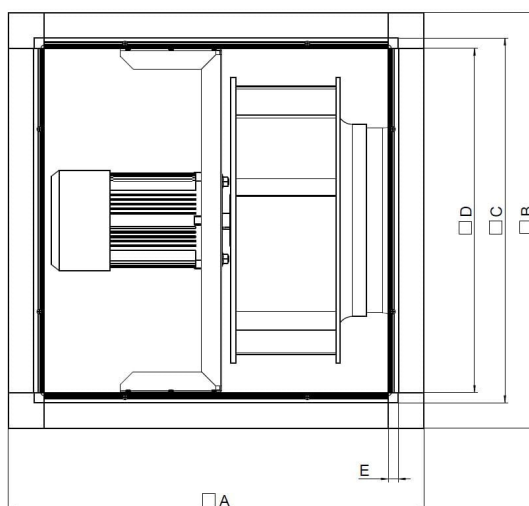
[Find more details in our online catalogue](#)

Technical parameters

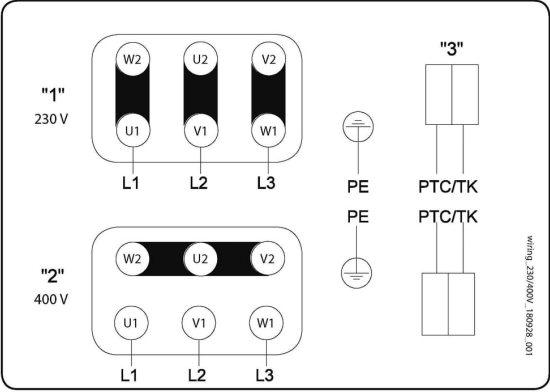
Nominal data	
Voltage (nominal)	400 V
Frequency	50 Hz
Phases	3~
Motor circuit connection	Y
Input power	1455 W
Input power kW	1.455 kW
Input current	3.01 A
Impeller speed	1464 rpm
Air flow	max. 7,969 m³/h
Temperature of transported air	max. 60 °C
Max temperature of transported air, when speed controlled	60 °C
Protection/Classification	
Enclosure class, motor	IP44
Insulation class	F
Data according to ErP	
ErP ready	ErP 2018
Dimensions and weights	
Weight	67 kg
Others	
Motor type	AC

Dimension

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

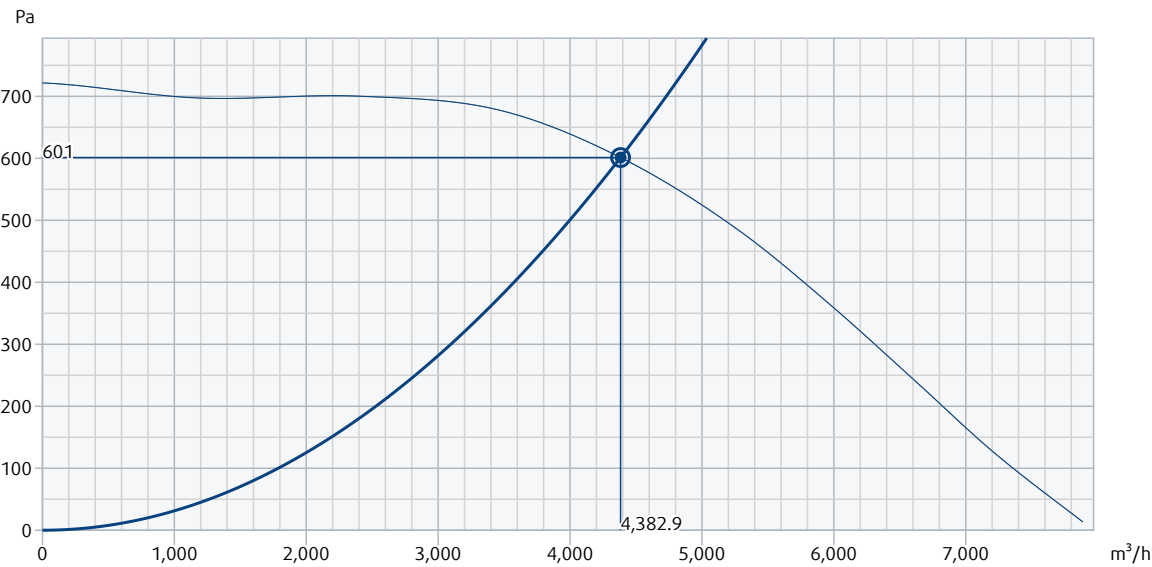


Wiring



- 13 x 230V Delta Connection
- 23 x 400V Star connection
- 3PTC / TK
- Changing of direction of rotation by interchanging of two phases

Performance curve



Hydraulic data											
Required air flow		4,383 m³/h									
Required static pressure		601 Pa									
Working air flow		4,383 m³/h									
Working static pressure		601 Pa									
Air density		1.204 kg/m³									
Power		1,444.1 W									
Fan control - RPM		1,460 rpm									
Current		3.00 A									
SFP		1.186 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)	47	69	71	76	77	74	72	63	82
Outlet		dB(A)	48	71	73	78	78	76	74	65	83
Surrounding		dB(A)	26	51	47	46	48	48	41	28	55
Sound pressure level at 3m (20m² Sabine)		dB(A)	-	-	-	-	-	-	-	-	48
Sound pressure level at 3m free field		dB(A)	-	-	-	-	-	-	-	-	34

Accessories

CCM inlet MUB042 d400 (311780)
CCM outlet MUB042 d400 (311682)
CCMI outlet 042 d400 KIT 30mm (239093)
FGV 042/586-586 flex. conn. (4605)
Frequency converter FRQ5-4A (36229)
Frequency converter FRQS-4A (36231)
GRU 042-690/100 (276661)
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)
REV-5POL/07-EMV-7,5kW B/G (281744)
SD-MUB Vibration pad set (37324)
U-EK230E Motor protection (30199)
WSD 042 (730x730x70) complete (31481)

CCM inlet MUB042 d500 (311781)
CCM outlet MUB042 d500 (311683)
CCMI outlet 042 d500 KIT 30mm (239094)
Frequency converter FRQ-4A (36227)
Frequency converter FRQ5S-4A (36233)
Frequency converter FXDM5AM (31387)
KKC-DX-L 042 cooling section (277261)
KKC-W-L 042 cooling section (277269)
KKC-W-R 042 cooling section (277273)
KKD 042-damper-section (333317)
KKH-HW 042 heater-section (93339)
KKS 042 silencer-section (276851)
REV-5POL/05-7,5kW R/Y (33979)
REV-5POL/07-EMV-7,5kW R/Y (34549)
SDM Service Door MUB 042 30mm (273934)
UGS 042/500 adapter flex. (4357)
WSG 042 MUB complete (31485)

Documents

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