

## Multibox fans

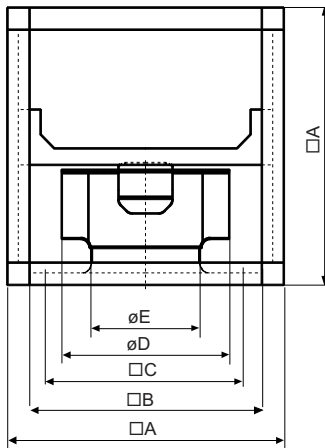
### MUB

- Speed-controllable
- Modular system
- Integral thermal contacts
- Low sound level
- Maintenance-free and reliable

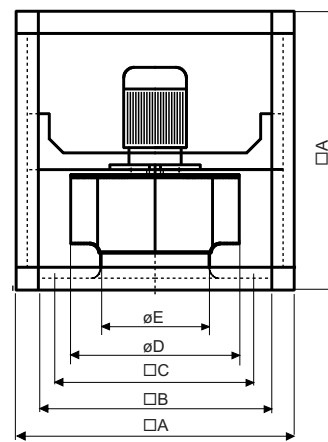
The MUB fans in size 355 have impellers with backward curved blades, manufactured from polyamide. For MUB size 400-630 the impellers are made from aluminium. MUB in sizes 355-500E4 and 630D4 are equipped with external rotor motors, fully speed controllable. MUB 500-630D4 are driven by an IEC standard motor, also speed controllable except for size 630D4. The casing consists of an aluminium frame with fiberglass reinforced plastic corners and double skin, galvanised steel panels with a 20 mm mineral wool insulation. Panels are removable, allowing flexible ventilation solutions.

All three phase motors are D/Y connected for two speed operation, except for MUB 630D4. Motor protection by thermal contacts, to be connected to an external motor protection device. The fans are delivered for straight thru air flow but can easily be altered to 90° air direction. Changing the air flow direction see page 19.

With external rotor motor



With IEC standard motor

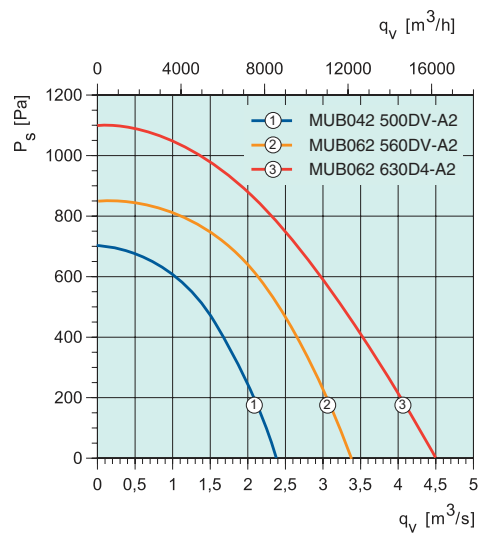
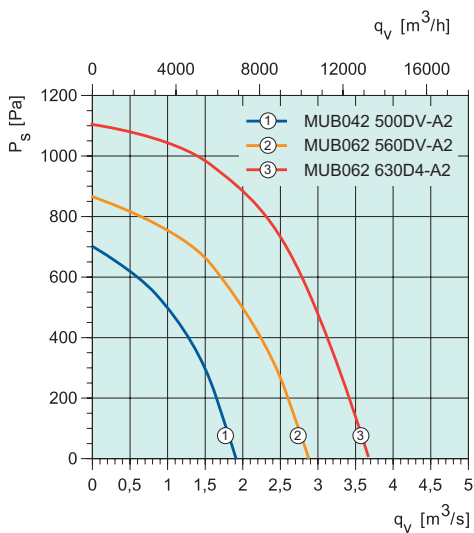
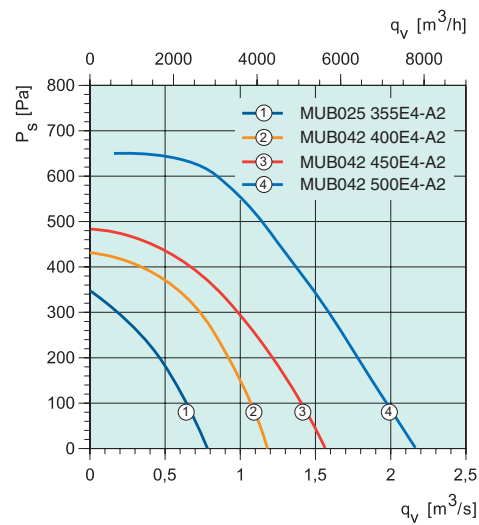
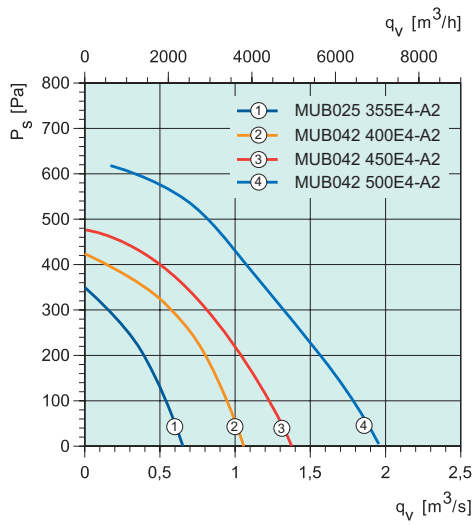


MUB	□A	□B	□C	øD	øE
025 355E4-A2	500	420	378	355	224
042 400E4-A2	670	590	548	400	253
042 450E4-A2	670	590	548	454	286
042 500E4-A2	670	590	548	504	321

MUB	□A	□B	□C	øD	øE
042 500DV-A2	670	590	548	504	321
062 560DV-A2	800	720	676	570	361
062 630D4-A2	800	720	678	635	407

MUB		025 355E4-A2	042 400E4-A2	042 450E4-A2	042 500E4-A2
Voltage/Frequency	V/50 Hz	230~	230~	230~	230~
Power	W	250	425	740	1300
Current	A	1.25	2.20	3.50	5.70
Maximum air flow	m <sup>3</sup> /h	2800/2450	4050/3900	5500/4800	7740/6840
R.p.m	min <sup>-1</sup>	1260	1360	1280	1340
Max temp. of transported air	°C	40	40	60	40
Sound pressure level at 3 m*	dB(A)	55	49	52	56
Weight	kg	37	58	60	68
Enclosure class, motor	IP	44	54	54	54
Capacitor	µF	8	10	16	30

\*  $L_{wA} - 7 \text{ dB(A)} = L_{pA}$  at 20 m<sup>2</sup> Sabine and 3 m distance to the fan. ( $L_{wA}$  = Sound power level,  $L_{pA}$  = Sound pressure level)



MUB		042 500DV-A2	062 560DV-A2	062 630D4-A2
Voltage/Frequency	V/50 Hz	400 3~	400 3~	400 3~
Power at shaft	W	1500	2200	4000
Current	A	4.30	5.80	9.50
Maximum air flow	m³/h	8500/7100	12000/10500	16000/14000
R.p.m	min <sup>-1</sup>	1330	1420	1400
Max temp. of transported air	°C	40	40	40
Sound pressure level at 3 m*	dB(A)	56	57	69
Weight	kg	70	130	135
Enclosure class, motor	IP	54	54	54
Capacitor	µF	-	-	-