



MUB/T

- Motor outside of the air stream
- Integral cold conductors
- Low sound level
- Maintenance-free and reliable
- Pre-assembled isolator as standard

All MUB/T fans have impellers with backward curved blades, manufactured from aluminium, and IEC standard motors with efficiency class IE2 for all 400V three phase motors from 0.75 kW. Motors are outside the air stream. The casing consists of an aluminium frame with fiberglass reinforced plastic corners and double skin, galvanised steel panels with 20 mm mineral wool insulation. Panels are removable, allowing flexible ventilation solutions and including a quicklock access door. The MUB bottom panel is shaped as a grease tray and incorporates a premounted drain plug. An isolator switch is mounted on the casing. Motor protection by cold conductors or thermal contact, to be connected to an external motor protection device. Standard execution, seen in airflow direction: service door left, top outlet.

NB! Outlet spigot to be ordered as an accessory.



ELECTRICAL ACCESSORIES



FRQ p. 325



S-ET/STDT p. 341-342



RTRE p. 320



REU p. 320



RTRD/RTRDU p. 321



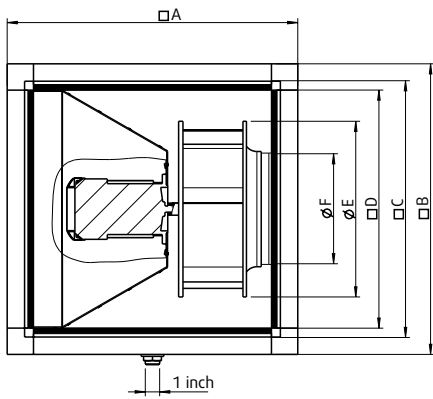
U-EK230E p. 340

TECHNICAL DATA

MUB/T		042 400DV	042 400E4	042 450D4-IE2	042 450E4	042 500D4-IE2	062 560D4-IE2	062 630D4-IE2
Art no.		33655	33656	33657	33658	33622	33659	33660
Voltage/Frequency	V/50 Hz	400 3~	230 1~	400 3~	230 1~	400 3~	400 3~	400 3~
Power at shaft	W	370	370	750	750	1500	2200	4000
Current	A	1.4	2.1	1.78	5.3	3.39	4.2	8.12
Max air flow	m ³ /s	1.13	1.11	1.72	1.68	2.23	3.25	4.12
R.p.m.	min-1	1370	1370	1400	1430	1400	1445	1450
Max temp. of transported air	°C	100	100	100	100	100	100	100
Sound pressure level at 3 m	dB(A)	47	47	49	50	53	55	67
Weight	kg	47	62	64	62	68	132	137
Insulation class, motor		F	F	F	F	F	F	F
Enclosure class, motor		IP 54	IP 54	IP 55	IP 54	IP 55	IP 55	IP 55
Capacitor	µF	-	12	-	30	-	-	-
Motor protection		STDT 16	S-ET 10	U-EK 230E	S-ET 10	U-EK 230E	U-EK 230E	U-EK 230E
Speed control, five-step		RTRD 2	RTRE 3	FRQ5(S)-4A	RTRE 7	FRQ5(S)-4A	FRQ5(S)-10A	FRQ5(S)-10A
Speed control, five step high/low	Transformer	RTRDU 2	REU 3*	-	REU 7*	-	-	-
Speed control, stepless		-	-	FRQ(S)-4A	-	FRQ(S)-4A	FRQ(S)-10A	FRQ(S)-10A
Speed control, electronic		-	-	-	-	-	FXDM 7	FXDM 13
Wiring diagram p. 391-400		13b	21	13b Y	21	13b Y	13b Y	13b D

* + S-ET 10

DIMENSIONS



MUB/T	A	B	C	D	øE	F
MUB 042 400	670	670	590	548	404	253
MUB 042 450	670	670	590	548	454	286
MUB 042 500	670	670	590	548	504	321
MUB 062 560	800	800	720	678	564	361
MUB 062 630	800	800	720	678	635	407

VENTILATION ACCESSORIES



FGV p. 370



SRKG p. 370



UGS p. 370



WSD p. 370



WSG p. 370



CCM inlet p. 375



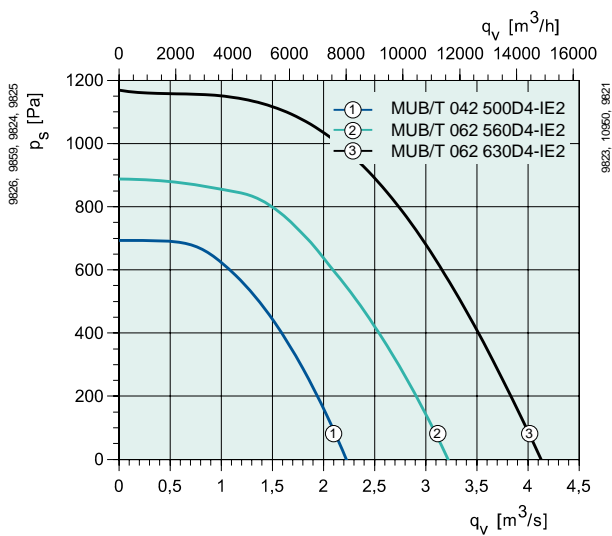
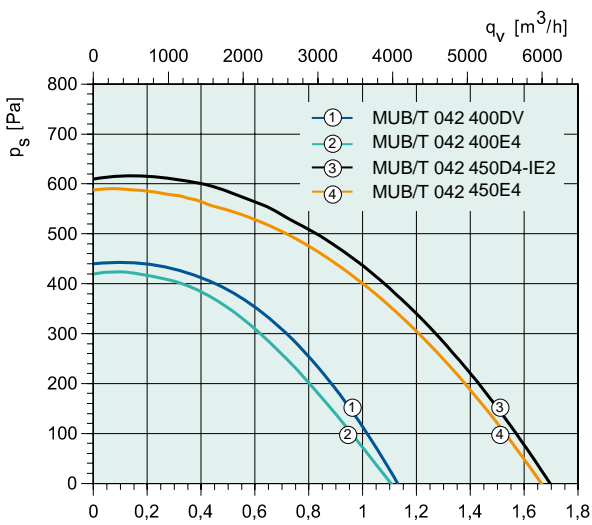
CCM outlet p. 375



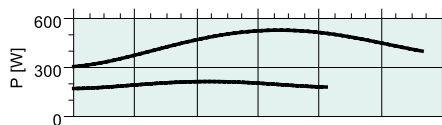
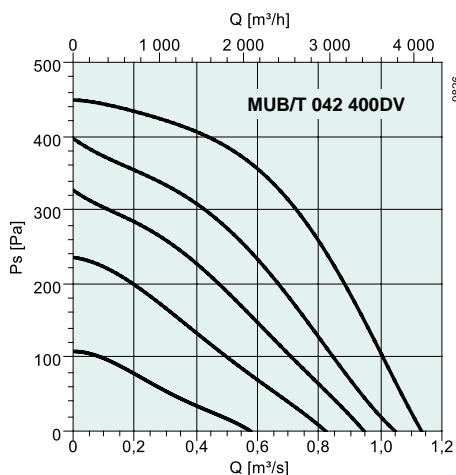
CCMI outlet p. 375

Square duct fans

QUICK SELECTION

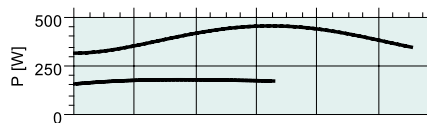
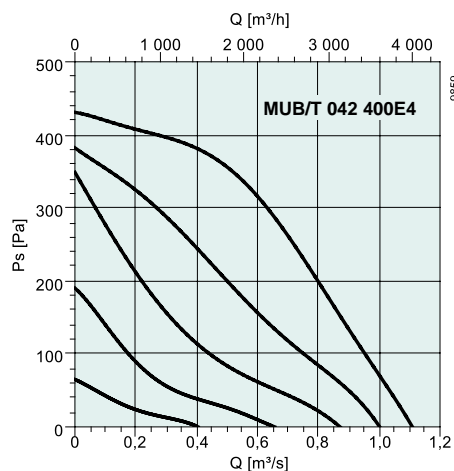


PERFORMANCE



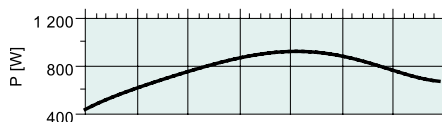
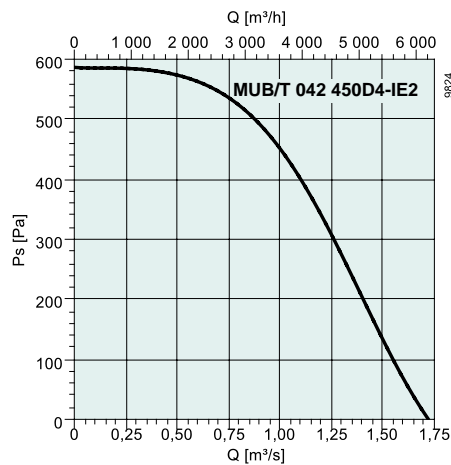
dB(A)	Tot	Frequency bands [Hz]							
		63	125	250	500	1k	2k	4k	8k
L _{WA} Inlet	70	57	59	63	65	64	61	56	51
L _{WA} Outlet	72	59	61	65	67	66	63	58	51
L _{WA} Surrounding	54	41	43	47	49	48	45	40	33

Measurement point: 0,6 m³/s; 385 Pa



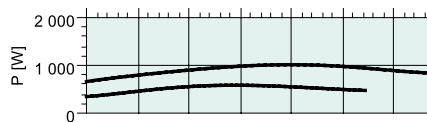
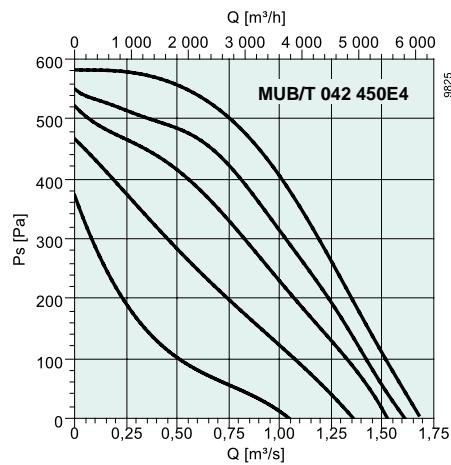
dB(A)	Tot	Frequency bands [Hz]							
		63	125	250	500	1k	2k	4k	8k
L _{WA} Inlet	70	57	59	63	65	64	61	56	49
L _{WA} Outlet	72	59	61	65	67	66	63	58	51
L _{WA} Surrounding	54	41	43	47	49	48	45	40	33

Measurement point: 0,59 m³/s; 380 Pa



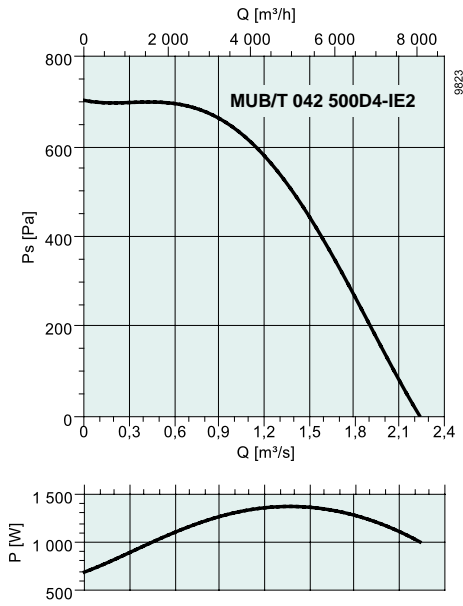
dB(A)	Tot	Frequency bands [Hz]							
		63	125	250	500	1k	2k	4k	8k
L _{WA} Inlet	71	58	60	64	66	65	62	47	50
L _{WA} Outlet	73	60	62	66	68	67	64	59	52
L _{WA} Surrounding	56	43	45	49	51	50	47	42	35

Measurement point: 0,8 m³/s; 400 Pa



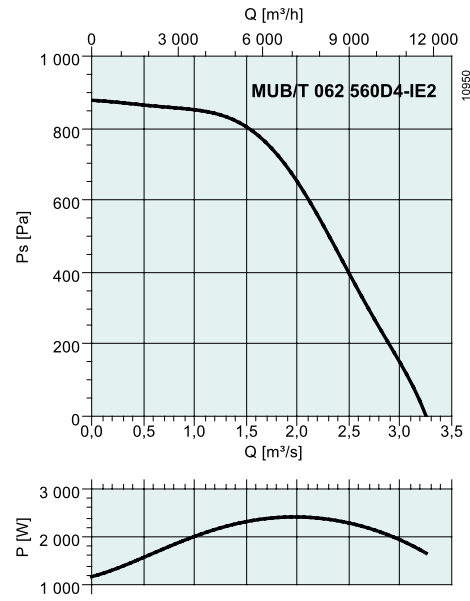
dB(A)	Tot	Frequency bands [Hz]							
		63	125	250	500	1k	2k	4k	8k
L _{WA} Inlet	72	59	61	65	67	66	63	48	51
L _{WA} Outlet	74	61	63	67	69	68	65	60	53
L _{WA} Surrounding	57	44	46	50	52	51	48	43	36

Measurement point: 0,88 m³/s; 470 Pa



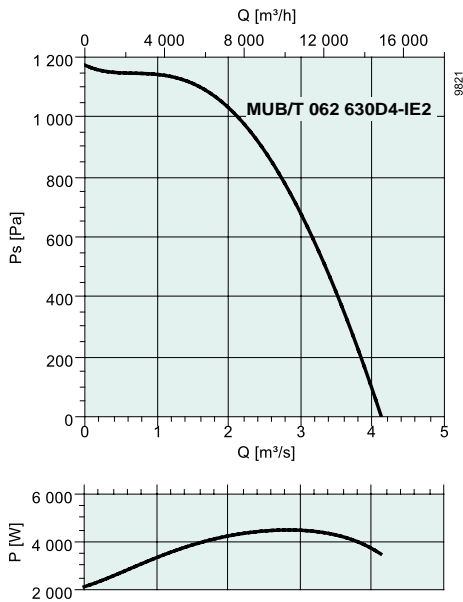
dB(A)	Tot	Frequency bands [Hz]							
		63	125	250	500	1k	2k	4k	8k
L _{WA} Inlet	75	62	64	68	70	69	66	61	54
L _{WA} Outlet	77	64	66	70	72	71	68	63	56
L _{WA} Surrounding	60	47	49	53	55	54	51	46	39

Measurement point: 1,26 m³/s; 470 Pa



dB(A)	Tot	Frequency bands [Hz]							
		63	125	250	500	1k	2k	4k	8k
L _{WA} Inlet	78	65	67	71	73	72	69	64	57
L _{WA} Outlet	80	67	69	73	75	74	71	66	59
L _{WA} Surrounding	63	50	51	56	58	57	54	59	42

Measurement point: 2,25 m³/s; 565 Pa



dB(A)	Tot	Frequency bands [Hz]							
		63	125	250	500	1k	2k	4k	8k
L _{WA} Inlet	86	73	75	79	81	80	77	72	65
L _{WA} Outlet	88	78	77	81	83	82	79	74	67
L _{WA} Surrounding	75	62	64	68	70	69	61	66	54

Measurement point: 1,95 m³/s; 911 Pa