

Smoke extract square duct fans



MUB/F

- Smoke extract unit
- 400°/120 min. (F400)
- Insulated casing
- Low sound level
- For dual purpose operation
- Tested according to EN 12101-3 at LGAI Barcelona

ELECTRICAL ACCESSORIES



REV DVV
p. 340

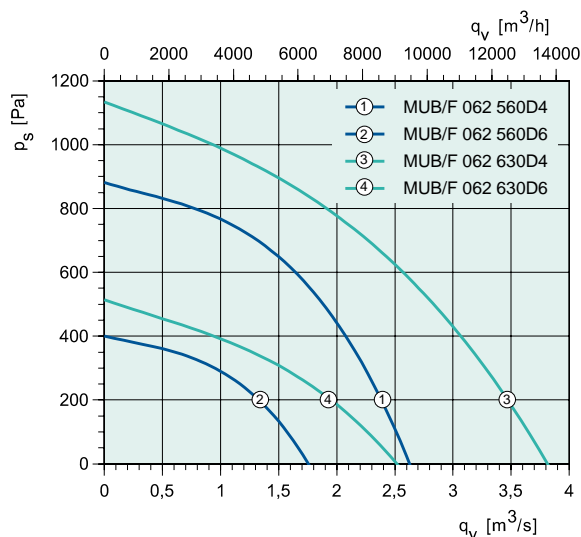
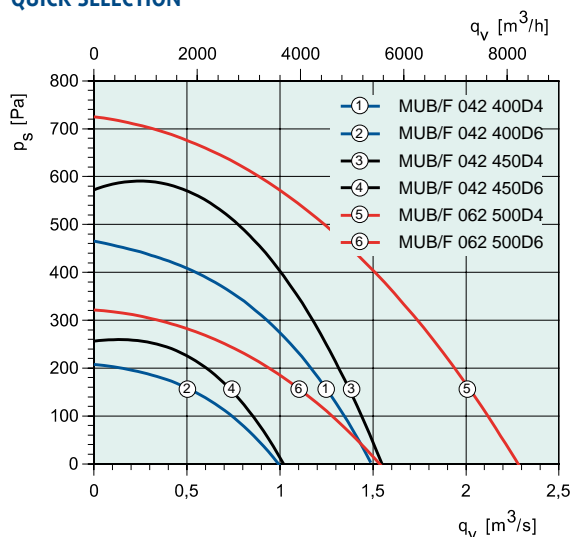


The smoke extract units MUB/F are used in case of fire to extract smoke gases from rooms, and also during normal working conditions for standard temperature up to 55°C continuously.

The MUB/F units have backward curved impellers made of galvanized steel. The outlet can be easily changed on site from straight to side outlet. The unit is made of a profiled steel frame design. All materials are galvanized and seawater resistant.

Motors are high temperature motors for temperature classification F 400/120 min. The fan has a double skinned panel with smooth surface to protect against dust and dirt. Motor can be wired for either single speed or 2-speed execution.

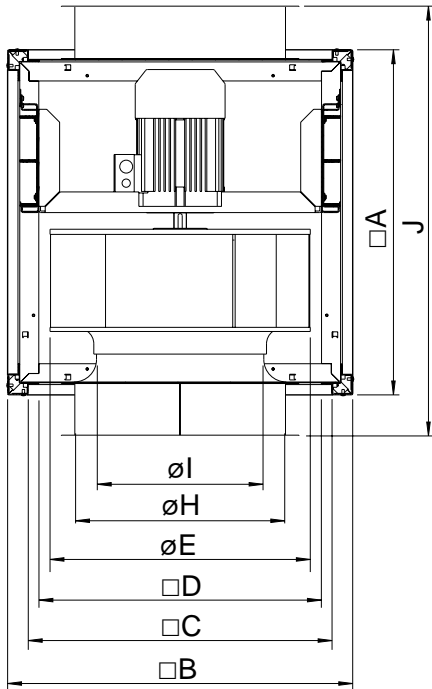
QUICK SELECTION



TECHNICAL DATA

MUB/F		042 400D4	042 400D4-6	042 450D4	042 450D4-6	062 500D4	062 500D4-6
Art no.		33290	33292	33293	33295	33296	33298
Voltage/Frequency	V/50 Hz	400 3~	400 3~	400 3~	400 3~	400 3~	400 3~
Power at shaft	W	550	550/180	750	750/250	1500	1500/550
Current	A	1.32	1.32/0.80	1.63	1.63/0.90	3.26	3.26/1.76
Max air flow	m³/s	1.49	1.49/0.99	1.58	1.58/1.04	2.27	2.27/1.53
R.p.m.	min ⁻¹	1461	1461/980	1446	1446/971	1440	1440/967
Max temp. of transported air	°C	55	55	55	55	55	55
Max temp. of transported air for 120 min	°C	400	400	400	400	400	400
Sound pressure level at 3 m	dB(A)	31	31/23	33	33/25	42	42/31
Sound pressure level at 4 m	dB(A)	39	39/31	41	41/33	50	50/39
Sound pressure level at 10 m	dB(A)	55	55/47	57	57/49	66	66/55
Weight	kg	98	105	105	111	134	136
Insulation class, motor		HC	HC	HC	HC	HC	HC
Enclosure class, motor		IP 55	IP 55	IP 55	IP 55	IP 55	IP 55
Wiring diagram p. 391-400		10	15a	10	15a	10	15a

DIMENSIONS



MUB/F	□A	□B	□C	□D	∅E	∅H	∅l	J max.
42 400	670	670	590	548	410	400	289	783
42 450	670	670	590	548	454	400	289	783
62 500	800	800	720	676	520	560	364	915
62 560	800	800	720	676	570	560	364	915
62 630	800	800	720	676	650	630	456	915

VENTILATION ACCESSORIES



FGV p. 370



SDM p. 369



SRKG p. 370



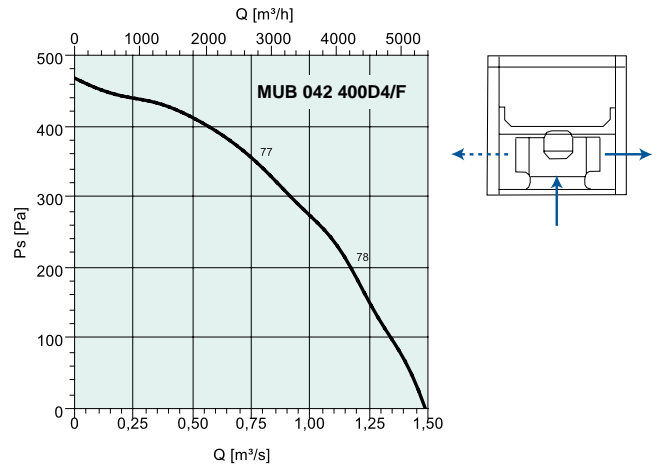
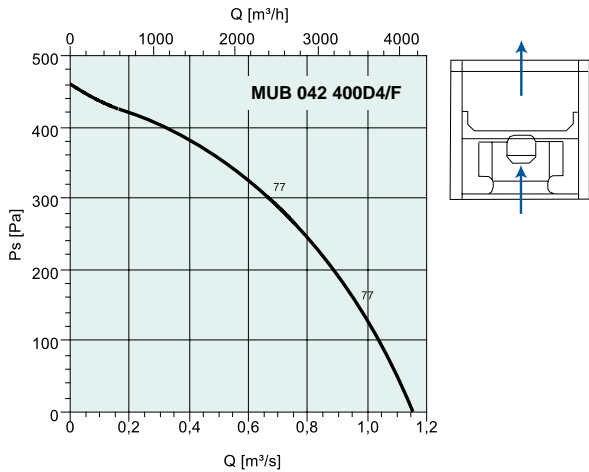
UGS p. 370



WSD p. 370

MUB/F		062 560D4	062 560D4-6	062 630D4	062 630D6	062 630D4-6
Art no.		33299	33301	33302	33303	33304
Voltage/Frequency	V/50 Hz	400 3~	400 3~	400 3~	400 3~	400 3~
Power at shaft	W	2200	2200/750	4000	1500	4000/1500
Current	A	4.58	4.58/2.47	8.58	3.93	8.58/3.93
Max air flow	m ³ /s	2.66	2.66/1.77	3.83	2.52	3.83/2.52
R.p.m.	min ⁻¹	1440	1440/972	1459	979	1459/979
Max temp. of transported air	°C	55	55	55	55	55
Max temp. of transported air for 120 min	°C	400	400	400	400	400
Sound pressure level at 3 m	dB(A)	45	45/34	51	40	51/40
Sound pressure level at 4 m	dB(A)	53	53/42	59	48	59/48
Sound pressure level at 10 m	dB(A)	69	69/58	75	64	75/64
Weight	kg	154	155	163	158	190
Insulation class, motor		HC	HC	HC	HC	HC
Enclosure class, motor		IP 55	IP 55	IP 55	IP 55	IP 55
Wiring diagram p. 391-400		10	15a	10	10	15a

Smoke extract square duct fans

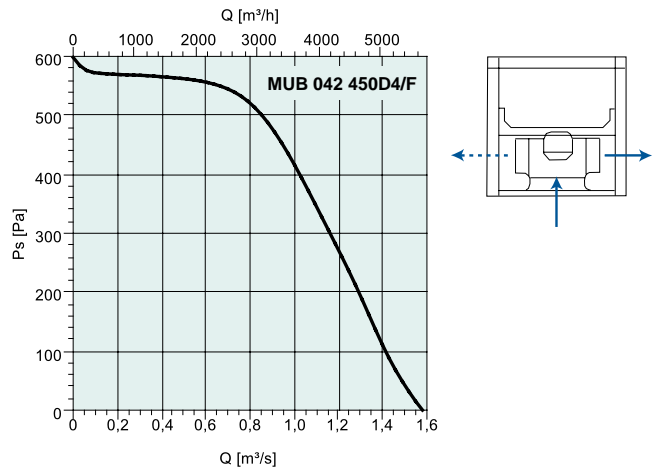
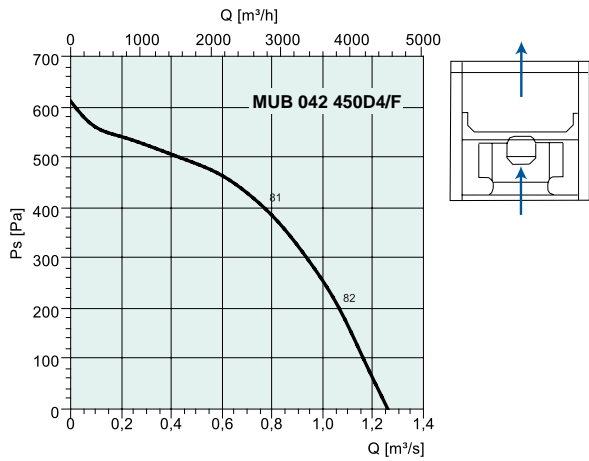


dB(A)	Tot	Frequency bands [Hz]							
		63	125	250	500	1k	2k	4k	8k
L _{WA} Inlet	77	63	72	71	70	69	65	62	57
L _{WA} Outlet	73	62	64	63	64	66	66	61	55
L _{WA} Surrounding	61	35	50	60	50	50	45	40	36

Measurement point: 0,67 m³/s; 300 Pa

dB(A)	Tot	Frequency bands [Hz]							
		63	125	250	500	1k	2k	4k	8k
L _{WA} Inlet	77	62	69	71	71	69	67	64	58
L _{WA} Outlet	79	64	72	72	72	73	72	67	59
L _{WA} Surrounding	62	42	49	61	51	50	47	42	38

Measurement point: 0,769 m³/s; 349 Pa

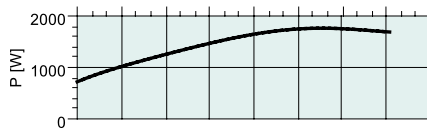
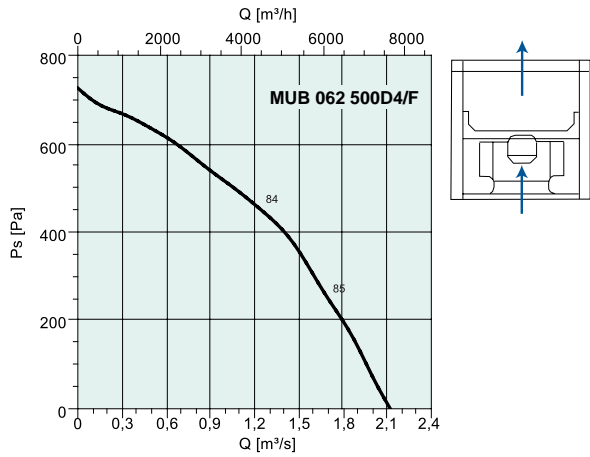


dB(A)	Tot	Frequency bands [Hz]							
		63	125	250	500	1k	2k	4k	8k
L _{WA} Inlet	81	63	69	69	71	71	75	75	67
L _{WA} Outlet	76	42	60	62	67	69	71	70	61
L _{WA} Surrounding	65	49	56	61	54	56	55	55	49

Measurement point: 0,767 m³/s; 400 Pa

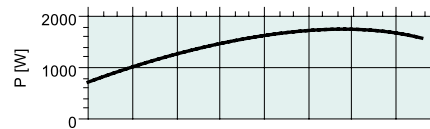
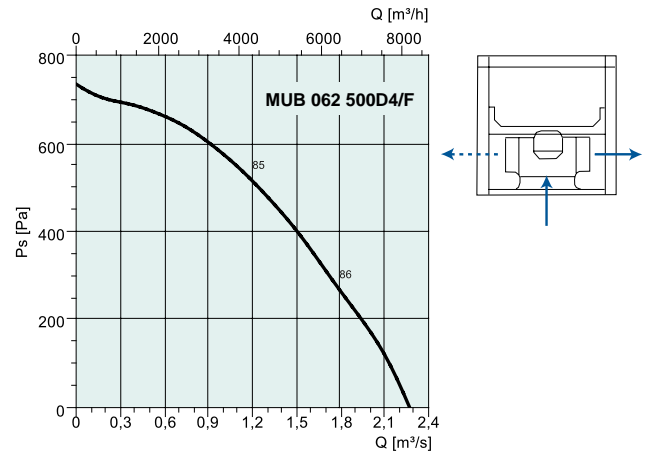
dB(A)	Tot	Frequency bands [Hz]							
		63	125	250	500	1k	2k	4k	8k
L _{WA} Inlet	80	45	69	68	71	72	74	74	65
L _{WA} Outlet	79	53	67	68	72	72	72	71	61
L _{WA} Surrounding	64	31	58	58	54	57	53	54	47

Measurement point: 0,922 m³/s; 465 Pa



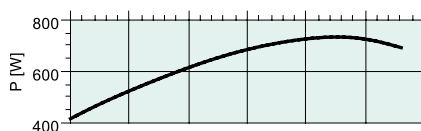
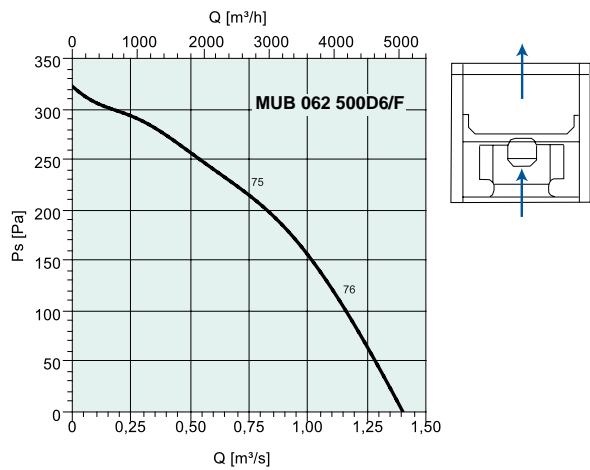
dB(A)	Tot	Frequency bands [Hz]							
		63	125	250	500	1k	2k	4k	8k
L _{WA} Inlet	84	68	77	78	78	74	75	74	65
L _{WA} Outlet	79	55	64	65	71	75	73	71	61
L _{WA} Surrounding	73	50	65	70	61	62	64	61	46

Measurement point: 1,25 m³/s; 449 Pa



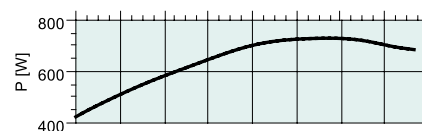
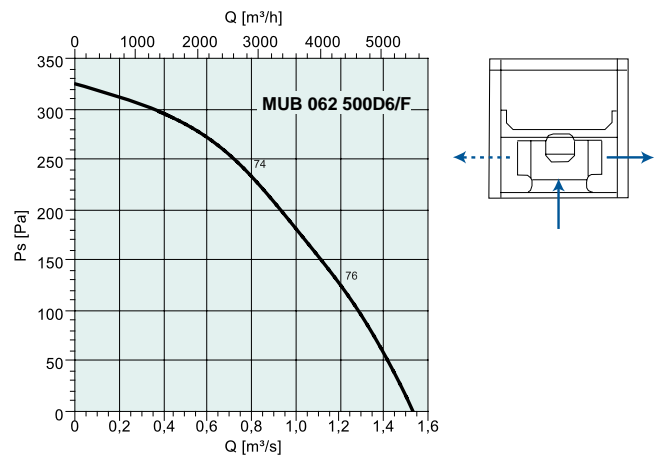
dB(A)	Tot	Frequency bands [Hz]							
		63	125	250	500	1k	2k	4k	8k
L _{WA} Inlet	85	69	78	78	78	75	75	74	65
L _{WA} Outlet	80	57	68	70	72	75	73	72	63
L _{WA} Surrounding	73	51	65	70	62	62	65	61	46

Measurement point: 1,16 m³/s; 526 Pa



dB(A)	Tot	Frequency bands [Hz]							
		63	125	250	500	1k	2k	4k	8k
L _{WA} Inlet	75	62	69	65	67	65	67	61	50
L _{WA} Outlet	71	59	61	58	62	65	65	61	52
L _{WA} Surrounding	62	42	57	56	52	52	55	48	32

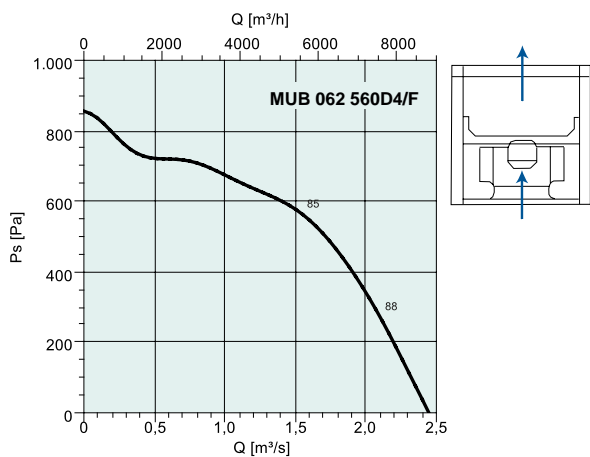
Measurement point: 0,741 m³/s; 216 Pa



dB(A)	Tot	Frequency bands [Hz]							
		63	125	250	500	1k	2k	4k	8k
L _{WA} Inlet	74	60	69	65	67	65	68	62	51
L _{WA} Outlet	71	55	65	60	63	65	65	60	48
L _{WA} Surrounding	62	41	57	55	51	52	55	48	33

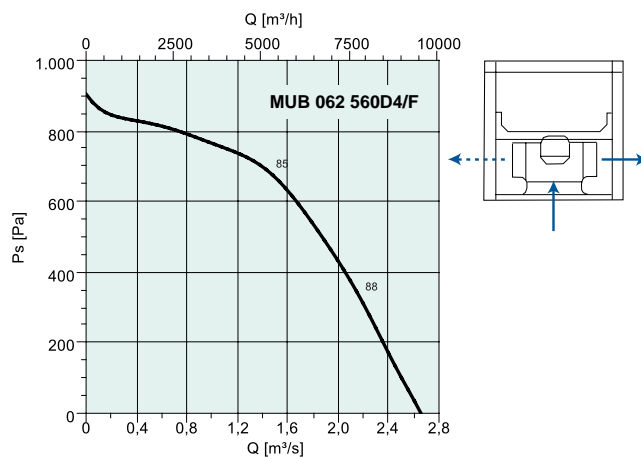
Measurement point: 0,793 m³/s; 235 Pa

Smoke extract square duct fans



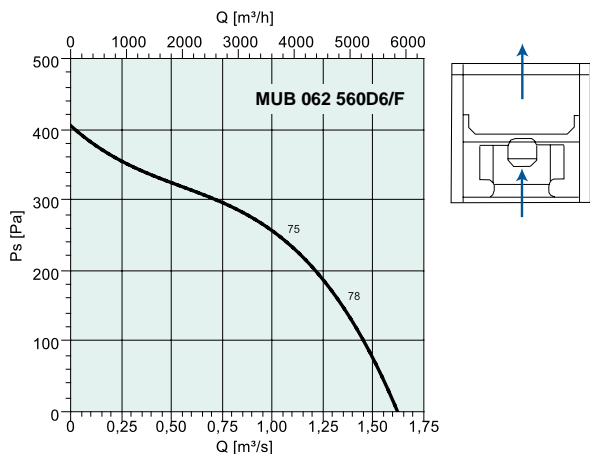
dB(A)	Tot	Frequency bands [Hz]							
		63	125	250	500	1k	2k	4k	8k
L _{WA} Inlet	85	71	80	79	76	74	74	74	68
L _{WA} Outlet	82	72	74	72	75	75	74	73	67
L _{WA} Surrounding	76	52	74	68	64	62	61	58	49

Measurement point: 1,55 m³/s; 562 Pa



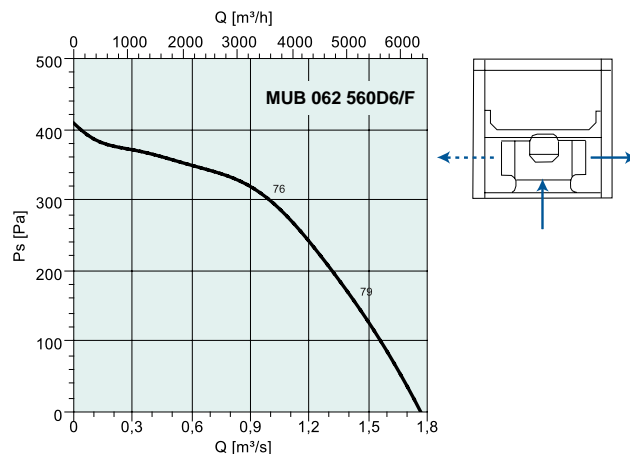
dB(A)	Tot	Frequency bands [Hz]							
		63	125	250	500	1k	2k	4k	8k
L _{WA} Inlet	85	75	81	78	76	74	75	75	69
L _{WA} Outlet	86	65	84	75	76	76	75	74	67
L _{WA} Surrounding	76	55	74	68	64	63	62	59	50

Measurement point: 1,48 m³/s; 676 Pa



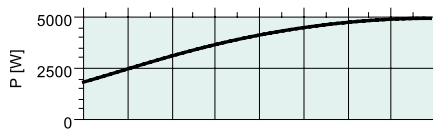
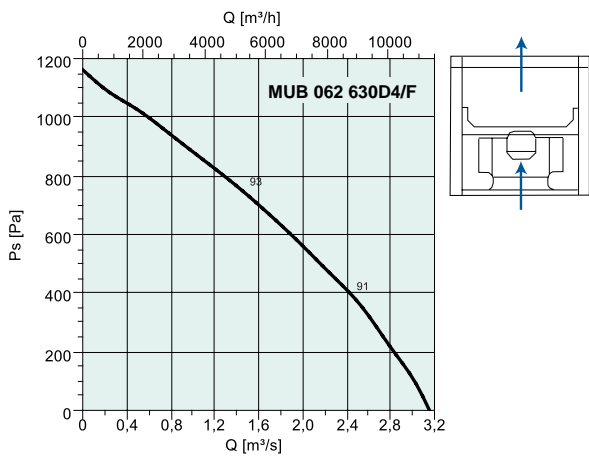
dB(A)	Tot	Frequency bands [Hz]							
		63	125	250	500	1k	2k	4k	8k
L _{WA} Inlet	75	61	70	68	65	65	66	65	55
L _{WA} Outlet	81	68	73	73	76	73	70	65	58
L _{WA} Surrounding	65	44	59	59	55	55	56	55	40

Measurement point: 1,05 m³/s; 245 Pa



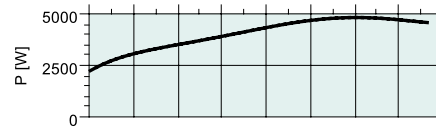
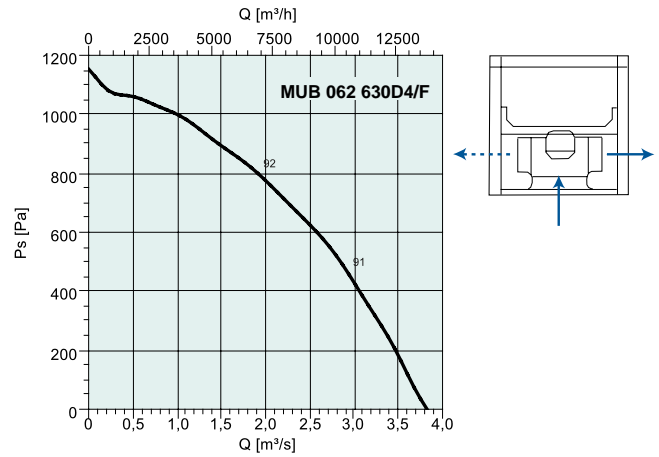
dB(A)	Tot	Frequency bands [Hz]							
		63	125	250	500	1k	2k	4k	8k
L _{WA} Inlet	76	63	71	67	66	66	67	64	56
L _{WA} Outlet	73	56	64	65	65	66	65	63	54
L _{WA} Surrounding	65	46	60	59	55	56	57	54	40

Measurement point: 0,99 m³/s; 302 Pa



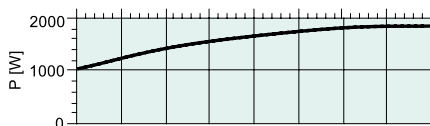
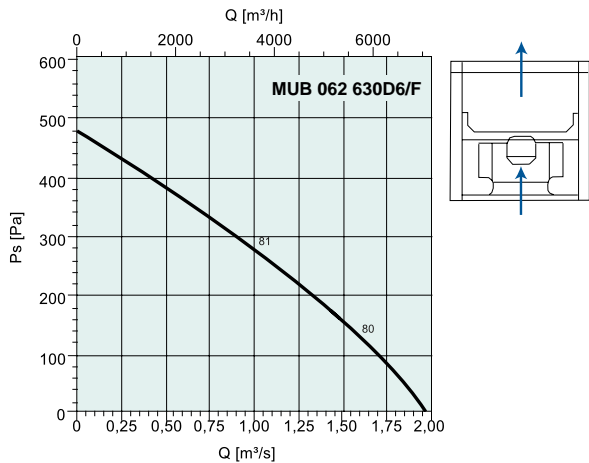
dB(A)	Tot	Frequency bands [Hz]							
		63	125	250	500	1k	2k	4k	8k
L _{WA} Inlet	93	79	85	87	87	85	84	79	72
L _{WA} Outlet	93	82	84	84	87	87	84	80	74
L _{WA} Surrounding	83	62	74	81	70	70	72	67	56

Measurement point: 1,48 m³/s; 741 Pa



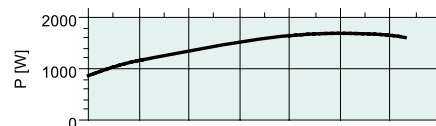
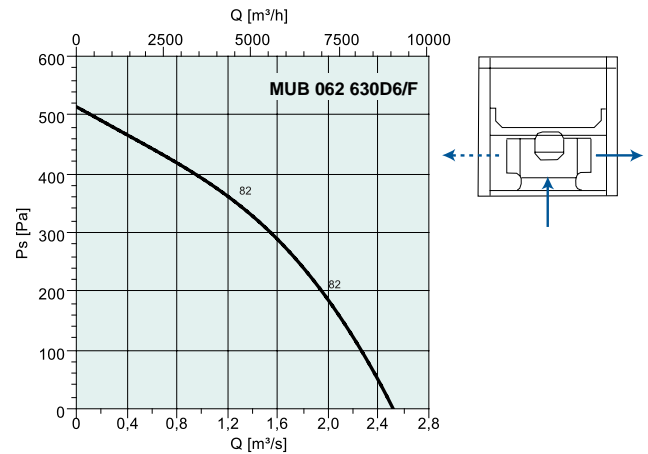
dB(A)	Tot	Frequency bands [Hz]							
		63	125	250	500	1k	2k	4k	8k
L _{WA} Inlet	92	74	83	85	86	85	83	79	72
L _{WA} Outlet	94	85	83	87	87	87	85	80	74
L _{WA} Surrounding	82	58	72	80	69	69	71	66	56

Measurement point: 1,91 m³/s; 800 Pa



dB(A)	Tot	Frequency bands [Hz]							
		63	125	250	500	1k	2k	4k	8k
L _{WA} Inlet	83	67	76	75	76	75	72	67	65
L _{WA} Outlet	80	63	68	71	75	75	71	66	60
L _{WA} Surrounding	71	48	68	64	61	60	61	55	46

Measurement point: 0,994 m³/s; 265 Pa



dB(A)	Tot	Frequency bands [Hz]							
		63	125	250	500	1k	2k	4k	8k
L _{WA} Inlet	82	65	76	75	76	74	72	67	64
L _{WA} Outlet	81	68	74	72	75	75	72	67	62
L _{WA} Surrounding	71	46	67	64	60	60	61	55	45

Measurement point: 1,26 m³/s; 352 Pa