

TUNNEL VENTILATOREN (ABLUFT/ZULUFT)

SEIT 1980 (FRÜHERE PROJEKTE NICHT AUFGELISTET)

TUNNEL FANS (EXHAUST/SUPPLY)

SINCE 1980 (EARLIER PROJECTS NOT LISTENED)

Project	Country	no of units	impeller diameter mm	motor power kW	fan type	thrust or capacity	blade shape	noise level
Clean Air Supply / Augsburg	Germany	2	3150	75	exhaust fan	50 m ³ /s	asymmetric	63 dB(A), free field, type D
Götzewerk / Burscheid	Germany	1	3150	400	exhaust fan	280 m ³ /s	asymmetric	65 dB(A), free field, type D
ATH	Germany	1	2750	455	exhaust fan	205 m ³ /s	asymmetric	70 dB(A), free field, type D
EDF Strassburg	France	3	3070	315	supply fan	250 m ³ /s	asymmetric	66 dB(A), free field, type D
Climabron	France	3	3000	315	exhaust fan	210 m ³ /s	asymmetric	65 dB(A), free field, type D
Bronswerk	Southafrica	6	3150	400	exhaust fan	275 m ³ /s	asymmetric	66 dB(A), free field, type D
ANISA	Spain	1	3000	300	supply fan	180 m ³ /s	asymmetric	63 dB(A), free field, type D
Dust separation	Germany	4	1800	55	exhaust fan	56 m ³ /s	asymmetric	65 dB(A), free field, type D
Tunnel Bielefeld	Germany	6	1120	18,5	exhaust fan	16,7 m ³ /s	asymmetric	75 dB(A), free field, 1 m, 45°

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Project	Country	no of units	impeller diameter mm	motor power kW	fan type	thrust or capacity	blade shape	noise level
VTT Tunnel	Finland	1	2500	72	supply fan	100 m ³ /s	asymmetric	80 dB(A), free field, 3 m, 45°
Dust separation	Germany	2	2240	65	exhaust fan	56 m ³ /s	asymmetric	67 dB(A), free field, type D
Ekeberg tunnelen	Norway	1	1400	11	exhaust fan	25 m ³ /s	asymmetric	85 dB(A), free field, 3 m, 45°
Needle Hill Tunnels	Hong Kong	5	2500	83	exhaust fan	90 m ³ /s	asymmetric	NR 85 in tunnel
Smugglers Ridge Tunnels	Hong Kong	4	2500	83	exhaust fan	90 m ³ /s	asymmetric	NR 85 in tunnel
Metro Istanbul	Turkey	20	2240	132	exhaust fan	80 m ³ /s	symmetric	66 dB(A), free field, type D
Metro Istanbul	Turkey	14	1800	83	exhaust fan	55 m ³ /s	symmetric	64 dB(A), free field, type D
Metro Istanbul	Turkey	4	1800	102	exhaust fan	55 m ³ /s	symmetric	66 dB(A), free field, type D
Metro Istanbul	Turkey	2	1800	119	exhaust fan	55 m ³ /s	symmetric	67 dB(A), free field, type D
Metro Istanbul	Turkey	2	1120	22	exhaust fan	20 m ³ /s	symmetric	60 dB(A), free field, type D
Ekeberg tunnelen	Norway	1	1400	11	exhaust fan	25 m ³ /s	asymmetric	85 dB(A), free field, 3 m, 45°
Tunnel Bielefeld	Germany	6	1120	18,5	exhaust fan	16,7 m ³ /s	asymmetric	75 dB(A), free field, 1 m, 45°
Dust separation	Germany	2	2240	65	exhaust fan	56 m ³ /s	asymmetric	85 dB(A), free field, 3 m, 45°
Nissin Airport Tunnel	Japan	2	2800	355	supply fan	232 m ³ /s	asymmetric	85 dB(A) in tunnel
Nissin Airport Tunnel	Japan	2	3150	400	exhaust fan	278 m ³ /s	asymmetric	85 dB(A) in tunnel

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Siemens KWU	Brazil	4	1800	240	exhaust fan	45 m ³ /s	asymmetric	75 dB(A), free field, type D
Metro Istanbul	Turkey	20	2240	132	exhaust fan	80 m ³ /s	symmetric	66 dB(A), free field, type D
Metro Istanbul I	Turkey	14	1800	83	exhaust fan	55 m ³ /s	symmetric	64 dB(A), free field, type D
Metro Istanbul I	Turkey	4	1800	102	exhaust fan	55 m ³ /s	symmetric	66 dB(A), free field, type D
Metro Istanbul I	Turkey	2	1800	119	exhaust fan	55 m ³ /s	symmetric	67 dB(A), free field, type D
Metro Istanbul I	Turkey	2	1120	22	exhaust fan	20 m ³ /s	symmetric	60 dB(A), free field, type D
Aalborg	Danmark	2	1400	315	exhaust fan	55 m ³ /s	asymmetric	75 dB(A), free field, type D
Galerie Schweizerhalle	Switzerland	4	2000	170	exhaust fan	105 m ³ /s	asymmetric	80 dB(A), free field, 3 m, 45°
Metro Istanbul II	Turkey	8	2240	83	exhaust fan	84 m ³ /s	symmetric	64 dB(A), free field, type D
Metro Istanbul II	Turkey	4	2240	99	exhaust fan	84 m ³ /s	symmetric	64 dB(A), free field, type D
Metro Istanbul II	Turkey	2	2240	83	exhaust fan	69 m ³ /s	symmetric	60 dB(A), free field, type D