

**Sound data for FISCHBACH-Compact-Fan
Type: D = double inlet**

D 570/E 25

Operat. Voltage [V]	* Sound Pressure Level in dB (A)						
	80	100	125	150	170	190	220
Inlet	36	43	50	55	59	61	65
Discharge	37	44	52	57	60	63	67

* related to room absorption of 8 dB (25m² Sabine), at free air !
measured in distance of 3 m

Inlet side: Sound Power Level Lw in dB (linear) at mid frequency in Hz (at free air !)										A-weighted dB (A)	Discharge side: Sound Power Level Lw in dB (linear) at mid frequency in Hz (at free air !)										A-weighted dB (A)
Oper. Volts [V]	Total									Total	Oper. Volts [V]	Total									Total
	63	125	250	500	1000	2000	4000	8000	45-11200			63	125	250	500	1000	2000	4000	8000	45-11200	
80	43	38	38	43	39	34	33	28	44	80	44	39	39	44	40	36	34	30	45		
100	48	44	44	49	46	41	40	35	51	100	50	46	46	51	47	43	41	37	52		
125	54	51	52	56	53	49	48	43	58	125	56	53	53	58	55	51	49	44	60		
150	58	56	56	61	59	55	53	48	63	150	60	58	58	62	60	56	55	50	65		
170	61	60	60	64	62	58	56	52	67	170	62	61	62	66	64	60	58	53	68		
190	63	62	63	66	65	61	59	55	69	190	65	64	64	68	67	63	61	56	71		
220	66	66	67	70	69	66	64	59	73	220	68	68	68	72	71	67	65	61	75		

D 640/E 35

Operat. Voltage [V]	* Sound Pressure Level in dB (A)						
	80	100	125	150	170	190	220
Inlet	40	48	56	61	64	66	68
Discharge	42	49	57	63	66	68	70

* related to room absorption of 8 dB (25m² Sabine), at free air !
measured in distance of 3 m

Inlet side: Sound Power Level Lw in dB (linear) at mid frequency in Hz (at free air !)										A-weighted dB (A)	Discharge side: Sound Power Level Lw in dB (linear) at mid frequency in Hz (at free air !)										A-weighted dB (A)
Oper. Volts [V]	Total									Total	Oper. Volts [V]	Total									Total
	63	125	250	500	1000	2000	4000	8000	45-11200			63	125	250	500	1000	2000	4000	8000	45-11200	
80	46	42	42	47	43	39	37	33	48	80	48	43	43	48	45	40	39	34	50		
100	52	49	49	54	51	47	45	40	56	100	54	50	51	55	52	48	47	42	57		
125	58	57	57	61	59	55	53	49	64	125	60	58	59	63	61	57	55	50	65		
150	63	62	62	66	65	61	59	54	69	150	64	64	64	68	66	63	61	56	71		
170	65	65	65	69	68	64	62	57	72	170	67	67	67	71	70	66	64	59	74		
190	67	67	67	71	70	67	65	60	74	190	69	69	69	73	72	68	66	62	76		
220	69	69	69	73	72	69	67	62	76	220	70	71	71	75	74	71	69	64	78		

D 670/E 35

Operat. Voltage [V]	* Sound Pressure Level in dB (A)						
	80	100	125	150	170	190	220
Inlet	43	49	56	60	63	65	68
Discharge	44	51	57	62	65	67	70

* related to room absorption of 8 dB (25m² Sabine), at free air !
measured in distance of 3 m

Inlet side: Sound Power Level Lw in dB (linear) at mid frequency in Hz (at free air !)										A-weighted dB (A)	Discharge side: Sound Power Level Lw in dB (linear) at mid frequency in Hz (at free air !)										A-weighted dB (A)
Oper. Volts [V]	Total									Total	Oper. Volts [V]	Total									Total
	63	125	250	500	1000	2000	4000	8000	45-11200			63	125	250	500	1000	2000	4000	8000	45-11200	
80	48	44	44	49	46	42	40	35	51	80	50	46	46	51	47	43	42	37	52		
100	54	51	51	56	53	49	47	42	57	100	55	52	53	57	54	50	49	44	59		
125	58	57	57	61	59	55	53	48	64	125	60	58	59	63	61	57	55	50	65		
150	62	61	62	66	64	60	58	54	68	150	64	63	63	67	66	62	60	55	70		
170	64	64	64	68	67	63	61	56	71	170	66	66	66	70	69	65	63	58	73		
190	66	66	66	70	69	65	63	58	73	190	68	68	68	72	71	67	65	60	75		
220	68	69	69	72	72	68	66	61	76	220	70	71	71	74	74	70	68	63	78		

Sound data for FISCHBACH-Compact-Fan

Type: D/DS = double inlet

DS 6-770/E 65

Operat. Voltage [V]	* Sound Pressure Level in dB (A)							
	80	100	125	150	170	190	220	
Inlet	42	48	54	59	61	64	67	
Discharge	43	50	55	60	63	66	69	

* related to room absorption of 8 dB (25m² Sabine), at free air !
measured in distance of 3 m

Inlet side: Sound Power Level Lw in dB (linear) at mid frequency in Hz (at free air !)										A-weighted dB (A)	Discharge side: Sound Power Level Lw in dB (linear) at mid frequency in Hz (at free air !)										A-weighted dB (A)
Oper. Volts										Total	Oper. Volts										Total
[V]	63	125	250	500	1000	2000	4000	8000	45-11200		[V]	63	125	250	500	1000	2000	4000	8000	45-11200	
80	47	43	43	48	45	40	39	34	50		80	49	44	45	50	46	42	40	35	51	
100	52	49	50	54	51	47	46	41	56		100	54	51	51	56	53	49	47	42	58	
125	57	55	55	60	57	53	52	47	62		125	59	57	57	61	59	55	53	48	63	
150	61	60	60	64	62	58	56	52	67		150	62	61	62	66	64	60	58	53	68	
170	63	62	63	66	65	61	59	54	69		170	65	64	64	68	67	63	61	56	71	
190	65	65	65	69	67	64	62	57	72		190	67	66	67	70	69	66	64	59	74	
220	68	68	68	72	71	68	65	61	75		220	70	70	70	74	73	70	67	62	77	

D 770/E 65

Operat. Voltage [V]	* Sound Pressure Level in dB (A)							
	80	100	125	150	170	190	220	
Inlet	46	51	57	62	64	67	70	
Discharge	47	53	59	63	66	69	72	

* related to room absorption of 8 dB (25m² Sabine), at free air !
measured in distance of 3 m

Inlet side: Sound Power Level Lw in dB (linear) at mid frequency in Hz (at free air !)										A-weighted dB (A)	Discharge side: Sound Power Level Lw in dB (linear) at mid frequency in Hz (at free air !)										A-weighted dB (A)
Oper. Volts										Total	Oper. Volts										Total
[V]	63	125	250	500	1000	2000	4000	8000	45-11200		[V]	63	125	250	500	1000	2000	4000	8000	45-11200	
80	50	47	47	52	49	45	43	38	54		80	52	48	49	53	50	46	44	40	55	
100	55	52	53	57	55	50	49	44	59		100	56	54	54	59	56	52	50	46	61	
125	60	58	58	63	61	57	55	50	65		125	61	60	60	64	62	58	57	52	67	
150	63	63	63	67	65	62	60	55	70		150	65	64	65	68	67	63	61	57	71	
170	65	65	65	69	68	64	62	58	72		170	67	67	67	71	70	66	64	59	74	
190	67	67	68	71	70	67	65	60	75		190	69	69	70	73	72	69	67	62	77	
220	70	71	71	74	74	70	68	63	78		220	72	73	73	76	76	72	70	65	80	

DS 6-770/D 1

Operat. Voltage [V]	* Sound Pressure Level in dB (A)							
	120	180	230	280	380			
Inlet	56	63	67	70	72			
Discharge	57	65	69	72	74			

* related to room absorption of 8 dB (25m² Sabine), at free air !
measured in distance of 3 m

Inlet side: Sound Power Level Lw in dB (linear) at mid frequency in Hz (at free air !)										A-weighted dB (A)	Discharge side: Sound Power Level Lw in dB (linear) at mid frequency in Hz (at free air !)										A-weighted dB (A)
Oper. Volts										Total	Oper. Volts										Total
[V]	63	125	250	500	1000	2000	4000	8000	45-11200		[V]	63	125	250	500	1000	2000	4000	8000	45-11200	
120	58	57	57	61	59	55	53	49	64		120	60	58	59	63	61	57	55	50	65	
180	65	64	65	68	67	63	61	57	71		180	66	66	66	70	69	65	63	58	73	
230	67	68	68	71	71	67	65	60	75		230	69	69	70	73	72	69	67	62	77	
280	69	70	71	74	73	70	68	63	78		280	71	72	73	76	75	72	70	65	80	
380	71	72	73	76	76	72	70	65	80		380	73	74	75	78	78	74	72	67	82	

**Sound data for FISCHBACH-Compact-Fan
Type: D/DS = double inlet**

D 770/D 1

Operat. Voltage [V]	* Sound Pressure Level in dB (A)						
	120	180	230	280	380		
Inlet	58	65	69	72	74		
Discharge	59	67	71	74	77		

* related to room absorption of 8 dB (25m² Sabine), at free air !
measured in distance of 3 m

Inlet side: Sound Power Level Lw in dB (linear) at mid frequency in Hz (at free air !)										A-weighted dB (A)	Discharge side: Sound Power Level Lw in dB (linear) at mid frequency in Hz (at free air !)										A-weighted dB (A)
Oper. Volts [V]										Total	Oper. Volts [V]										Total
	63	125	250	500	1000	2000	4000	8000	45-11200			63	125	250	500	1000	2000	4000	8000	45-11200	
120	60	59	59	63	61	57	56	51	66	120	62	61	61	65	63	59	57	52	67		
180	66	66	66	70	69	65	63	58	73	180	68	68	68	72	71	67	65	60	75		
230	69	69	70	73	73	69	67	62	77	230	71	71	72	75	74	71	69	64	79		
280	71	72	72	76	75	72	70	65	80	280	73	74	75	78	77	74	72	67	82		
380	73	75	75	78	78	75	73	68	82	380	75	77	77	80	80	77	75	70	85		

D 970/D 2

Operat. Voltage [V]	* Sound Pressure Level in dB (A)						
	120	180	230	280	380		
Inlet	55	61	66	69	74		
Discharge	57	63	68	71	76		

* related to room absorption of 8 dB (25m² Sabine), at free air !
measured in distance of 3 m

Inlet side: Sound Power Level Lw in dB (linear) at mid frequency in Hz (at free air !)										A-weighted dB (A)	Discharge side: Sound Power Level Lw in dB (linear) at mid frequency in Hz (at free air !)										A-weighted dB (A)
Oper. Volts [V]										Total	Oper. Volts [V]										Total
	63	125	250	500	1000	2000	4000	8000	45-11200			63	125	250	500	1000	2000	4000	8000	45-11200	
120	58	56	57	61	59	55	53	48	63	120	60	58	58	62	60	56	55	50	65		
180	63	62	62	66	65	61	59	54	69	180	65	64	64	68	67	63	61	56	71		
230	67	67	67	71	70	66	64	59	74	230	69	69	69	73	72	68	66	61	76		
280	69	70	70	74	73	70	68	63	77	280	71	72	72	76	75	72	70	65	79		
380	73	75	75	78	78	75	73	67	82	380	75	77	77	80	80	77	75	70	84		

**Sound data for FISCHBACH-Compact-Fan
Type: D = double inlet**

D 340/E 1

Operat. Voltage [V]	* Sound Pressure Level in dB (A)						
	80	100	125	150	170	190	220
Inlet	41	47	51	54	56	58	60
Discharge	43	48	52	56	58	59	61

* related to room absorption of 8 dB (25m² Sabine), at free air !
measured in distance of 3 m

Inlet side: Sound Power Level Lw in dB (linear) at mid frequency in Hz (at free air !)										A-weighted dB (A)	Discharge side: Sound Power Level Lw in dB (linear) at mid frequency in Hz (at free air !)										A-weighted dB (A)
Oper. Volts [V]	Total									Oper. Volts [V]	Total										
	63	125	250	500	1000	2000	4000	8000	45-11200		63	125	250	500	1000	2000	4000	8000	45-11200		
80	47	43	43	48	44	40	39	34	49	80	48	44	44	49	46	41	40	35	51		
100	51	48	48	53	50	46	44	40	55	100	53	50	50	55	52	47	46	41	56		
125	55	52	52	57	54	50	48	43	59	125	56	54	54	58	56	52	50	45	60		
150	57	55	55	60	58	54	52	47	62	150	59	57	57	61	59	55	53	49	64		
170	59	57	57	62	60	56	54	49	64	170	60	59	59	63	61	57	56	51	66		
190	60	59	59	63	61	57	56	51	66	190	62	60	61	65	63	59	57	52	67		
220	62	61	61	65	63	59	57	53	68	220	63	62	63	67	65	61	59	54	69		

D 440/E 15

Operat. Voltage [V]	* Sound Pressure Level in dB (A)						
	80	100	125	150	170	190	220
Inlet	37	45	50	55	57	59	61
Discharge	38	46	52	57	59	61	63

* related to room absorption of 8 dB (25m² Sabine), at free air !
measured in distance of 3 m

Inlet side: Sound Power Level Lw in dB (linear) at mid frequency in Hz (at free air !)										A-weighted dB (A)	Discharge side: Sound Power Level Lw in dB (linear) at mid frequency in Hz (at free air !)										A-weighted dB (A)
Oper. Volts [V]	Total									Oper. Volts [V]	Total										
	63	125	250	500	1000	2000	4000	8000	45-11200		63	125	250	500	1000	2000	4000	8000	45-11200		
80	43	38	38	44	40	35	34	29	45	80	45	40	40	45	41	36	35	30	46		
100	50	46	46	51	48	44	42	38	53	100	51	48	48	53	50	45	44	39	54		
125	54	52	52	56	54	50	48	43	58	125	56	53	53	58	55	51	50	45	60		
150	58	56	56	61	59	55	53	48	63	150	60	58	58	62	60	56	54	50	65		
170	60	59	59	63	61	57	55	50	65	170	62	60	61	65	63	59	57	52	67		
190	61	60	61	64	63	59	57	52	67	190	63	62	62	66	65	61	59	54	69		
220	63	62	62	66	65	61	59	54	69	220	64	64	64	68	66	63	61	56	71		

D 540/E 25

Operat. Voltage [V]	* Sound Pressure Level in dB (A)						
	80	100	125	150	170	190	220
Inlet	40	46	53	58	61	63	66
Discharge	41	48	54	60	63	65	68

* related to room absorption of 8 dB (25m² Sabine), at free air !
measured in distance of 3 m

Inlet side: Sound Power Level Lw in dB (linear) at mid frequency in Hz (at free air !)										A-weighted dB (A)	Discharge side: Sound Power Level Lw in dB (linear) at mid frequency in Hz (at free air !)										A-weighted dB (A)
Oper. Volts [V]	Total									Oper. Volts [V]	Total										
	63	125	250	500	1000	2000	4000	8000	45-11200		63	125	250	500	1000	2000	4000	8000	45-11200		
80	46	41	41	46	43	38	37	32	48	80	47	43	43	48	44	40	38	33	49		
100	51	47	48	52	49	45	43	39	54	100	52	49	49	54	51	46	45	40	56		
125	56	54	54	59	56	52	50	46	61	125	58	56	56	60	58	54	52	47	62		
150	60	59	59	63	61	58	56	51	66	150	62	61	61	65	63	59	57	53	68		
170	63	62	62	66	65	61	59	54	69	170	64	64	64	68	66	63	61	56	71		
190	64	64	64	68	67	63	61	56	71	190	66	66	66	70	69	65	63	58	73		
220	67	67	67	71	70	66	64	59	74	220	69	69	69	73	72	68	66	61	76		