

**Sound data for FISCHBACH-Compact-Fan
Type: CFE = single inlet "superflat"**

CFE 540/E 1

Operat. Voltage [V]	* Sound Pressure Level in dB (A)						
	80	100	125	150	170	190	230
Inlet	41	43	46	48	52	56	60
Discharge	24	29	32	36	38	41	47

* 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]	63	125	250	500	1000	2000	4000	8000	Total 45-11200		Oper. Volts [V]	63	125	250	500	1000	2000	4000	8000	Total 45-11200	
80	47	53	58	44	30	26	25	28	37		80	47	51	52	36	29	26	26	28	36	
100	48	55	60	46	36	32	25	30	44		100	48	56	55	41	35	30	27	30	48	
125	53	58	60	50	45	40	33	31	53		125	50	59	57	49	41	37	33	31	53	
150	57	60	62	55	49	47	41	37	54		150	55	61	59	52	47	46	42	37	59	
170	59	61	65	59	54	50	47	42	61		170	56	64	60	57	52	48	48	42	58	
190	63	64	68	62	57	55	51	48	62		190	61	65	61	60	55	53	48	49	60	
230	64	68	70	67	61	59	56	53	69		230	65	67	65	65	60	58	58	55	68	

CFE 640/E 15

Operat. Voltage [V]	* Sound Pressure Level in dB (A)						
	80	100	125	150	170	190	230
Inlet	31	40	47	52	55	58	62
Discharge	30	39	47	52	55	58	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]	63	125	250	500	1000	2000	4000	8000	Total 45-11200		Oper. Volts [V]	63	125	250	500	1000	2000	4000	8000	Total 45-11200	
80	42	25	43	38	32	27	22	16	39		80	33	29	33	38	32	26	24	16	38	
100	50	37	50	46	42	38	33	27	48		100	42	39	42	47	42	36	35	27	47	
125	56	47	56	53	50	47	43	37	55		125	50	48	50	54	50	45	43	37	55	
150	60	53	59	57	55	52	48	43	60		150	54	53	55	58	55	50	48	42	60	
170	62	57	62	60	59	55	52	47	63		170	58	57	58	61	59	54	52	46	63	
190	64	60	64	62	62	58	55	50	66		190	60	60	61	63	61	57	55	49	66	
230	67	65	66	65	66	62	59	54	70		230	64	64	64	66	65	61	59	53	69	

CFE 740/E 25

Operat. Voltage [V]	* Sound Pressure Level in dB (A)						
	80	100	125	150	170	190	230
Inlet	30	39	47	54	58	61	66
Discharge	29	39	46	54	58	61	65

* 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]	63	125	250	500	1000	2000	4000	8000	Total 45-11200		Oper. Volts [V]	63	125	250	500	1000	2000	4000	8000	Total 45-11200	
80	42	24	42	37	31	27	21	15	38		80	32	28	32	38	32	25	24	15	37	
100	50	36	50	46	41	37	33	27	47		100	42	39	42	46	42	36	34	27	47	
125	56	46	55	52	50	46	42	36	55		125	49	47	50	53	50	44	43	36	54	
150	61	55	61	59	58	54	51	45	62		150	56	55	57	59	57	52	51	44	62	
170	65	60	64	62	62	58	55	50	66		170	60	60	61	63	62	57	55	49	66	
190	67	64	66	65	65	62	59	54	69		190	63	64	64	66	65	60	59	53	69	
230	70	69	69	68	70	66	64	59	74		230	67	68	68	69	69	65	63	58	73	

**Sound data for FISCHBACH-Compact-Fan
Type: CFE = single inlet "superflat"**

CFE 840/E 35

Operat. Voltage [V]	* Sound Pressure Level in dB (A)						
	80	100	125	150	170	190	230
Inlet	37	43	51	57	60	64	68
Discharge	36	43	50	56	60	63	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]	63	125	250	500	1000	2000	4000	8000	Total 45-11200		Oper. Volts [V]	63	125	250	500	1000	2000	4000	8000	Total 45-11200	
80	47	33	47	43	38	34	29	24	45		80	39	36	39	44	39	33	31	23	44	
100	53	42	53	49	46	42	38	32	51		100	46	43	46	50	46	40	39	32	51	
125	59	51	59	56	54	50	47	41	59		125	53	52	54	57	54	49	47	41	58	
150	63	59	63	61	60	57	54	48	65		150	59	58	59	62	60	55	54	48	64	
170	66	63	66	64	64	61	58	53	68		170	62	62	63	65	64	59	57	52	68	
190	69	67	68	67	68	64	62	57	72		190	66	66	66	68	67	63	61	56	71	
230	72	73	71	70	72	69	67	62	76		230	70	71	70	72	72	68	66	61	76	

CFE 8-940/E 65

Operat. Voltage [V]	* Sound Pressure Level in dB (A)						
	80	100	125	150	170	190	230
Inlet	37	44	51	57	61	65	70
Discharge	37	44	51	57	61	64	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 [V]	63	125	250	500	1000	2000	4000	8000	Total 45-11200		Oper. Volts [V]	63	125	250	500	1000	2000	4000	8000	Total 45-11200	
80	48	34	48	44	39	35	31	25	45		80	40	37	40	45	40	34	32	24	45	
100	54	43	53	50	47	43	39	33	52		100	47	44	47	51	47	41	40	33	52	
125	59	52	59	56	55	51	48	42	59		125	54	53	54	57	55	50	48	42	59	
150	64	59	63	61	61	57	54	49	65		150	60	59	60	62	61	56	54	48	65	
170	67	64	66	65	65	62	59	54	69		170	63	63	64	66	65	60	58	53	69	
190	69	68	69	67	69	65	63	57	73		190	66	67	67	69	68	64	62	57	72	
230	73	74	72	71	74	70	68	63	78		230	71	72	71	73	73	69	67	62	77	

CFE 8-940/E 80

Operat. Voltage [V]	* Sound Pressure Level in dB (A)						
	80	100	125	150	170	190	230
Inlet	34	45	56	63	67	71	74
Discharge	34	44	55	63	67	70	73

* 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]	63	125	250	500	1000	2000	4000	8000	Total 45-11200		Oper. Volts [V]	63	125	250	500	1000	2000	4000	8000	Total 45-11200	
80	46	30	46	41	36	32	27	21	42		80	37	33	37	42	36	30	29	21	42	
100	54	44	54	51	48	44	40	34	53		100	47	45	48	51	48	42	41	34	52	
125	63	57	62	60	59	56	53	47	64		125	58	57	58	61	59	54	52	46	63	
150	68	66	68	66	67	64	61	56	71		150	65	65	66	67	67	62	60	55	71	
170	72	72	71	70	72	68	66	61	75		170	69	70	70	71	71	67	65	60	75	
190	74	75	73	72	75	71	69	64	79		190	72	73	72	73	74	70	68	63	78	
230	76	79	75	75	78	75	73	68	82		230	75	77	75	76	77	73	71	67	81	

**Sound data for FISCHBACH-Compact-Fan
Type: CFE = single inlet "superflat"**

CFE 930/E 80

Operat. Voltage [V]	* Sound Pressure Level in dB (A)						
	80	100	125	150	170	190	230
Inlet	35	45	56	64	68	72	75
Discharge	35	45	56	63	68	71	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 [V]	63	125	250	500	1000	2000	4000	8000	Total 45-11200		Oper. Volts [V]	63	125	250	500	1000	2000	4000	8000	Total 45-11200	
80	46	31	46	42	37	33	28	22	43		80	38	34	38	43	37	31	30	22	43	
100	55	44	54	51	48	44	40	35	53		100	48	46	48	52	48	43	41	34	53	
125	63	58	62	60	60	56	53	48	64		125	58	58	59	61	59	55	53	47	64	
150	69	67	68	67	68	65	62	57	72		150	66	66	66	68	67	63	61	56	71	
170	72	73	71	71	73	69	67	62	76		170	70	71	70	72	72	68	66	61	76	
190	75	76	73	73	76	72	70	65	80		190	73	74	73	74	75	71	69	64	79	
230	77	80	76	76	79	76	74	69	83		230	76	78	77	77	78	75	72	68	82	

CFE 840/D 500

Operat. Voltage [V]	* Sound Pressure Level in dB (A)						
	120	180	230	280	400		
Inlet	48	59	65	69	74		
Discharge	40	49	54	57	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]	63	125	250	500	1000	2000	4000	8000	Total 45-11200		Oper. Volts [V]	63	125	250	500	1000	2000	4000	8000	Total 45-11200	
120	56	52	56	53	50	47	44	37	59		120	56	53	52	55	55	53	51	42	58	
180	66	65	64	64	60	58	58	54	69		180	68	66	63	66	62	60	62	63	68	
230	72	71	70	69	66	64	65	62	75		230	71	67	67	70	66	64	66	66	75	
280	75	75	74	73	70	68	68	67	79		280	74	71	71	75	70	68	70	70	78	
400	80	80	80	77	76	74	74	74	81		400	79	75	77	78	77	75	75	76	80	

CFE 930/D 1

Operat. Voltage [V]	* Sound Pressure Level in dB (A)						
	120	180	230	280	400		
Inlet	52	63	69	72	76		
Discharge	52	62	68	71	75		

* 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]	63	125	250	500	1000	2000	4000	8000	Total 45-11200		Oper. Volts [V]	63	125	250	500	1000	2000	4000	8000	Total 45-11200	
120	60	53	59	57	55	52	48	43	60		120	54	53	55	58	55	50	49	42	60	
180	68	66	67	66	67	64	61	56	71		180	65	65	65	67	66	62	60	55	70	
230	72	73	71	71	73	69	67	62	77		230	70	71	71	72	72	68	66	61	76	
280	75	77	74	74	76	73	71	66	80		280	73	75	74	75	75	72	70	65	79	
400	78	82	77	77	80	77	76	71	84		400	77	79	78	78	79	76	74	69	83	

**Sound data for FISCHBACH-Compact-Fan
Type: CFE = single inlet "superflat"**

CFE 9-070/D 2

Operat. Voltage [V]	* Sound Pressure Level in dB (A)						
	120	180	230	280	400		
Inlet	49	61	67	72	78		
Discharge	49	61	67	71	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]	63	125	250	500	1000	2000	4000	8000	Total 45-11200		Oper. Volts [V]	63	125	250	500	1000	2000	4000	8000	Total 45-11200	
120	57	49	57	54	52	48	45	39	57		120	51	50	52	55	52	47	45	39	57	
180	67	64	66	65	65	61	59	53	69		180	63	63	64	66	65	60	58	53	69	
230	71	71	71	70	71	68	66	61	75		230	69	70	69	71	71	67	65	60	75	
280	75	77	74	73	76	73	71	66	80		280	73	75	74	75	75	71	69	65	79	
400	79	84	78	78	82	79	78	73	86		400	79	81	79	80	81	78	76	72	85	

CFE 9-070/D 2.5

Operat. Voltage [V]	* Sound Pressure Level in dB (A)						
	120	180	230	280	400		
Inlet	56	67	73	77	80		
Discharge	56	68	73	76	79		

* 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]	63	125	250	500	1000	2000	4000	8000	Total 45-11200		Oper. Volts [V]	63	125	250	500	1000	2000	4000	8000	Total 45-11200	
120	62	58	62	60	60	56	54	49	65		120	58	59	60	61	60	56	53	49	65	
180	72	72	71	71	71	69	58	61	76		180	70	71	71	73	73	67	58	62	77	
230	75	78	75	75	77	74	72	68	81		230	74	75	74	76	77	73	71	67	81	
280	80	84	78	78	82	78	77	72	85		280	78	81	80	80	81	77	75	71	84	
400	81	87	79	80	83	81	82	77	88		400	81	83	81	82	83	81	78	75	87	