

**Sound data for FISCHBACH-Compact-Fan
Type: CE = single inlet**

CE 470/E 1

Operat. Voltage [V]	* Sound Pressure Level in dB (A)						
	80	100	125	150	170	190	220
Inlet	26	38	47	53	54	56	58
Discharge	24	37	46	52	53	55	58

* 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	
80	38	17	38	33	25	21	15	9	34	80	27	22	27	33	26	19	18	9	32
100	48	34	48	44	39	35	31	25	46	100	40	37	40	45	40	34	32	25	45
125	56	46	55	52	50	46	42	36	55	125	49	47	49	53	49	44	43	36	54
150	60	53	60	57	56	52	49	43	61	150	55	54	55	58	56	51	49	43	60
170	61	55	61	58	57	53	50	45	62	170	56	55	56	59	57	52	50	44	61
190	63	57	62	60	59	56	53	47	64	190	58	57	58	61	59	54	52	46	63
220	65	60	64	62	62	58	56	50	66	220	60	60	61	63	62	57	55	49	66

CE 570/E 15

Operat. Voltage [V]	* Sound Pressure Level in dB (A)						
	80	100	125	150	170	190	220
Inlet	34	42	47	53	57	60	64
Discharge	34	41	47	53	57	59	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								Total	Oper. Volts [V]	Total								Total
	63	125	250	500	1000	2000	4000	8000			45-11200	63	125	250	500	1000	2000	4000	
80	45	30	46	41	36	31	27	21	42	80	37	33	37	42	36	30	29	21	42
100	52	40	52	48	44	40	36	30	50	100	44	42	45	49	44	39	37	30	49
125	56	47	56	53	50	46	43	37	55	125	50	48	50	54	50	45	43	37	55
150	61	54	60	58	57	53	50	44	61	150	56	55	56	59	57	52	50	44	61
170	64	59	63	61	61	57	54	49	65	170	59	59	60	62	60	56	54	48	65
190	66	62	65	63	64	60	57	52	68	190	62	62	62	64	63	58	57	51	67
220	69	67	68	67	68	65	62	57	72	220	66	66	66	68	67	63	61	56	71

CE 670/E 25

Operat. Voltage [V]	* Sound Pressure Level in dB (A)						
	80	100	125	150	170	190	220
Inlet	36	44	52	58	61	64	67
Discharge	35	44	51	57	61	63	66

* 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	
80	47	32	47	42	37	33	28	22	44	80	38	34	38	43	38	31	30	22	43
100	54	43	54	50	47	43	39	33	52	100	47	45	47	51	47	42	40	33	52
125	60	52	59	57	55	51	48	42	60	125	54	53	54	58	55	50	48	42	59
150	64	60	63	62	61	58	55	49	66	150	60	59	60	63	61	56	54	49	65
170	67	64	66	65	65	62	59	53	69	170	63	63	64	66	65	60	58	53	69
190	69	67	68	67	68	64	62	57	72	190	66	66	66	68	67	63	61	56	71
220	71	71	70	69	71	67	65	60	75	220	68	69	69	70	70	66	64	59	74

Sound data for FISCHBACH-Compact-Fan
Type: CE = single inlet

CE 690/E 35

Operat. Voltage [V]	* Sound Pressure Level in dB (A)						
	80	100	125	150	170	190	220
Inlet	42	51	58	64	66	68	71
Discharge	42	51	58	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	52	41	52	49	45	41	37	31	50	80	45	42	45	49	45	39	38	31	50		
100	59	51	59	56	54	51	47	41	59	100	53	52	54	57	54	49	47	41	59		
125	65	61	64	62	62	59	56	50	66	125	61	60	61	63	62	57	55	50	66		
150	69	67	68	67	68	64	62	56	72	150	65	66	66	68	67	63	61	56	71		
170	71	70	70	69	70	67	65	59	74	170	68	69	68	70	70	66	64	59	74		
190	72	72	71	70	72	69	67	62	76	190	70	71	70	72	72	67	66	61	76		
220	74	75	73	72	75	71	69	64	79	220	72	73	72	74	74	70	68	63	78		

CE 790/E 35

Operat. Voltage [V]	* Sound Pressure Level in dB (A)						
	80	100	125	150	170	190	220
Inlet	40	48	56	62	65	68	72
Discharge	39	48	55	61	65	67	71

* 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	50	37	50	46	42	38	34	28	48	80	43	40	43	47	42	37	35	28	47		
100	57	48	56	53	51	47	44	38	56	100	51	49	51	54	51	46	44	37	56		
125	63	57	62	60	59	56	53	47	64	125	58	57	58	61	59	54	53	47	63		
150	67	65	67	65	66	62	60	54	70	150	64	64	64	66	65	61	59	54	69		
170	70	69	69	68	69	66	63	58	73	170	67	68	67	69	69	64	62	57	73		
190	72	72	71	70	72	69	67	61	76	190	70	71	70	71	71	67	65	60	75		
220	75	77	74	74	76	73	71	66	80	220	73	75	74	75	75	72	70	65	79		

CE 890/E 65

Operat. Voltage [V]	* Sound Pressure Level in dB (A)						
	80	100	125	150	170	190	220
Inlet	35	43	51	58	62	65	71
Discharge	34	43	51	58	62	65	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	31	46	42	37	32	28	22	43	80	37	34	38	42	37	31	30	22	42		
100	53	42	53	49	46	42	38	32	51	100	46	44	46	50	46	41	39	32	51		
125	59	52	59	56	55	51	48	42	59	125	54	53	54	57	55	49	48	41	59		
150	64	60	64	62	62	58	55	50	66	150	60	60	61	63	61	57	55	49	66		
170	68	65	67	66	66	63	60	55	70	170	64	64	65	67	66	61	59	54	70		
190	70	69	69	68	69	66	64	58	73	190	67	68	67	69	69	64	63	57	73		
220	74	75	73	72	75	72	70	64	79	220	72	73	72	74	74	70	68	63	78		

**Sound data for FISCHBACH-Compact-Fan
Type: CE = single inlet**

CE 890/D 1

Operat. Voltage [V]	* Sound Pressure Level in dB (A)						
	120	180	230	280	380		
Inlet	53	64	69	73	77		
Discharge	53	64	69	72	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									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	
120	61	54	60	58	57	53	49	44	61	61	120	55	54	56	59	56	51	50	44	61	
180	69	67	68	67	68	65	62	57	72	72	180	66	66	66	68	67	63	61	57	72	
230	73	74	72	71	73	70	68	63	77	77	230	71	72	71	72	73	69	67	63	77	
280	75	77	74	74	77	73	72	66	81	81	280	74	75	74	75	76	72	70	66	80	
380	78	82	77	77	81	78	76	71	85	85	380	77	79	78	78	80	76	74	71	84	

CE 990/D 2

Operat. Voltage [V]	* Sound Pressure Level in dB (A)						
	120	180	230	280	380		
Inlet	56	64	69	73	79		
Discharge	56	63	69	72	78		

* 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	
120	63	58	63	61	60	56	53	48	64	64	120	59	58	59	62	60	55	53	48	64	
180	69	67	68	67	68	64	62	56	72	72	180	66	66	66	68	67	63	61	56	71	
230	73	74	72	71	73	70	68	63	77	77	230	71	72	71	72	73	69	67	63	77	
280	76	78	75	74	77	74	72	67	81	81	280	74	76	75	76	77	73	71	67	80	
380	80	85	79	79	83	80	79	74	87	87	380	79	82	80	80	82	79	76	74	86	

CE 9-090/D 2.5

Operat. Voltage [V]	* Sound Pressure Level in dB (A)						
	120	180	230	280	380		
Inlet	56	68	74	78	83		
Discharge	56	68	73	77	82		

* 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	
120	63	58	62	60	60	56	53	48	64	64	120	58	58	59	61	60	55	53	48	64	
180	72	72	71	70	72	69	67	62	76	76	180	70	71	70	72	72	67	66	62	76	
230	76	79	75	75	78	75	73	68	82	82	230	75	76	75	76	77	73	71	68	81	
280	80	84	78	79	83	79	78	73	86	86	280	79	81	80	80	82	78	76	73	85	
380	83	90	81	82	87	84	83	78	91	91	380	83	86	84	84	86	83	80	78	90	