

Technical data for heating and cooling

The following tables show the heating and cooling performance of Zehnder Fleximo in closed ceilings according to DIN EN 14037 and DIN EN 14240. The maximum recommended number of activation modules per heating circuit (N) with a pressure drop $\Delta p \leq 25$ kPa is provided in the tables based on a temperature spread of 3K.

Cooling

Type	Width mm	Length mm	Area m ²	Weight kg	Water content kg	Cooling capacity, mass flow, max. number of activation modules											
						7K			8K			9K			10K		
						W	kg/h	[-]	W	kg/h	[-]	W	kg/h	[-]	W	kg/h	[-]
Activation module width 350 mm with 2 parallel pipes																	
Type 1	350	550	0.193	0.58	0.14	14	3.9	32	16	4.5	30	18	5.1	27	20	5.8	26
Type 2	350	750	0.263	0.80	0.18	19	5.3	25	22	6.2	23	25	7.0	21	27	7.9	20
Type 3	350	950	0.333	1.01	0.22	24	6.8	20	27	7.8	18	31	8.9	17	35	10.0	16
Type 4	350	1,100	0.385	1.18	0.25	27	7.8	18	32	9.0	16	36	10.3	15	40	11.5	14
Type 5	350	1,325	0.464	1.42	0.29	33	9.4	15	38	10.9	13	43	12.4	12	48	13.9	12
Type 6	350	1,500*	0.525	1.56	0.33	37	10.7	13	43	12.3	12	49	14.0	11	55	15.7	10
Type 7	350	1,700*	0.595	1.77	0.37	42	12.1	12	49	14.0	11	55	15.9	10	62	17.8	9
Activation module width 550 mm with 4 parallel pipes																	
Type 8	550	550	0.303	1.03	0.25	23	6.5	19	26	7.5	18	30	8.5	16	33	9.6	15
Type 9	550	750	0.413	1.42	0.34	31	8.9	15	36	10.2	13	41	11.6	12	46	13.0	11
Type 10	550	950	0.523	1.80	0.42	39	11.2	12	45	13.0	11	51	14.7	10	58	16.5	9
Type 11	550	1,100	0.605	2.09	0.48	45	13.0	10	52	15.0	9	60	17.1	8	67	19.1	8
Type 12	550	1,325	0.729	2.53	0.57	55	15.6	9	63	18.1	8	72	20.6	7	80	23.0	7
Type 13	550	1,500*	0.825	2.74	0.64	62	17.7	7	71	20.5	7	81	23.3	6	91	26.1	6
Type 14	550	1,700*	0.935	3.11	0.72	70	20.1	7	81	23.2	6	92	26.4	5	103	29.6	5
Activation module width 900 mm with 6 parallel pipes																	
Type 15	900	550	0.495	1.63	0.39	36	10.4	13	42	12.1	11	48	13.7	11	54	15.4	10
Type 16	900	750	0.675	2.24	0.51	50	14.2	9	57	16.5	9	65	18.7	8	73	21.0	7
Type 17	900	950	0.855	2.84	0.63	63	18.0	7	73	20.8	7	83	23.7	6	93	26.6	6
Type 18	900	1,100	0.990	3.29	0.72	73	20.9	6	84	24.1	6	96	27.4	5	107	30.8	5
Type 19	900	1,325	1.193	3.97	0.86	88	25.1	5	101	29.1	5	115	33.0	4	129	37.1	4
Type 20	900	1,500*	1.350	4.30	0.96	99	28.5	5	115	32.9	4	131	37.4	4	146	42.0	4
Type 21	900	1,700*	1.530	4.87	1.09	113	32.3	4	130	37.3	4	148	42.4	3	166	47.5	3

Heating

Type	Width mm	Length mm	Area m ²	Weight kg	Water content kg	Thermal output, mass flow, max. number of activation modules											
						14K			15K			16K			17K		
						W	kg/h	[-]	W	kg/h	[-]	W	kg/h	[-]	W	kg/h	[-]
Activation module width 350 mm with 2 parallel pipes																	
Type 1	350	550	0.193	0.58	0.14	15	4.3	30	16	4.7	29	18	5.0	28	19	5.4	27
Type 2	350	750	0.263	0.80	0.18	21	5.9	23	22	6.4	22	24	6.8	21	26	7.3	20
Type 3	350	950	0.333	1.01	0.22	26	7.5	19	28	8.1	18	30	8.7	17	32	9.3	16
Type 4	350	1,100	0.385	1.18	0.25	30	8.7	16	33	9.3	16	35	10.0	15	37	10.7	14
Type 5	350	1,325	0.464	1.42	0.29	36	10.4	14	39	11.3	13	42	12.1	13	45	12.9	12
Type 6	350	1,500*	0.525	1.56	0.33	41	11.8	12	45	12.8	12	48	13.7	11	51	14.6	11
Type 7	350	1,700*	0.595	1.77	0.37	47	13.4	11	50	14.4	10	54	15.5	10	58	16.6	9
Activation module width 550 mm with 4 parallel pipes																	
Type 8	550	550	0.303	1.03	0.25	25	7.2	18	27	7.8	17	29	8.3	17	31	8.9	16
Type 9	550	750	0.413	1.42	0.34	34	9.8	14	37	10.6	13	40	11.4	12	42	12.1	12
Type 10	550	950	0.523	1.80	0.42	43	12.4	11	47	13.4	10	50	14.4	10	54	15.4	9
Type 11	550	1,100	0.605	2.09	0.48	50	14.4	9	54	15.5	9	58	16.7	9	62	17.8	8
Type 12	550	1,325	0.729	2.53	0.57	60	17.3	8	65	18.7	8	70	20.1	7	75	21.5	7
Type 13	550	1,500*	0.825	2.74	0.64	68	19.6	7	74	21.2	7	79	22.7	6	85	24.3	6
Type 14	550	1,700*	0.935	3.11	0.72	78	22.2	6	84	24.0	6	90	25.7	6	96	27.5	5
Activation module width 900 mm with 6 parallel pipes																	
Type 15	900	550	0.495	1.63	0.39	40	11.6	12	44	12.5	11	47	13.4	11	50	14.3	10
Type 16	900	750	0.675	2.24	0.51	55	15.8	9	59	17.0	8	64	18.3	8	68	19.5	8
Type 17	900	950	0.855	2.84	0.63	70	20.0	7	75	21.5	7	81	23.1	6	86	24.7	6
Type 18	900	1,100	0.990	3.29	0.72	81	23.1	6	87	24.9	6	93	26.8	5	100	28.6	5
Type 19	900	1,325	1.193	3.97	0.86	97	27.8	5	105	30.0	5	113	32.3	4	120	34.5	4
Type 20	900	1,500*	1.350	4.30	0.96	110	31.5	4	119	34.0	4	127	36.5	4	136	39.0	4
Type 21	900	1,700*	1.530	4.87	1.09	125	35.7	4	135	38.6	4	144	41.4	3	154	44.3	3

*Split base plate