

TopTherm fan-and-filter units



Air throughputs incl. outlet filter and protection categories Page 323 **Climate control accessories** Page 369 **Therm software** Page 385

Colour:

- RAL 7035

Supply includes:

- Complete unit ready to install, including filter mat

Note:

- For energy-efficient operation of the fan-and-filter units, we recommend using the enclosure internal thermostat, the speed control or the digital enclosure internal temperature display and thermostat

Approvals:

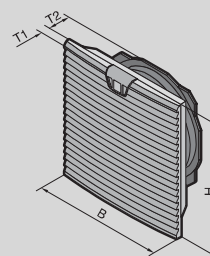
Available on the Internet

Performance diagrams:

Available on the Internet

Technical details:

Available on the Internet



Air throughput 20 – 55 m³/h

Model No.	Packs of	3237.100	3237.110	3237.124	3238.100	3238.110	3238.124	Page
Rated operating voltage V, ~, Hz		230, 1~, 50/60	115, 1~, 50/60	24 (DC)	230, 1~, 50/60	115, 1~, 50/60	24 (DC)	
Air throughput, unimpeded air flow m ³ /h		20 / 25	20 / 25	20	55 / 66	55 / 66	55	
Rated current A		0.065 / 0.052	0.12 / 0.1	0.125	0.12 / 0.11	0.24 / 0.22	0.24	
Pre-fuse A		2	2	2	2	2	2	
Motor circuit-breaker		-	-	-	-	-	-	
Power consumption W		11 / 9	11 / 9	3	19 / 18	19 / 18	5.5	
Width (B) mm		116.5	116.5	116.5	148.5	148.5	148.5	
Height (H) mm		116.5	116.5	116.5	148.5	148.5	148.5	
Depth (T1) mm		16	16	16	16	16	16	
Max. installation depth (T2) mm		43	43	43	58.5	58.5	58.5	
Required mounting cut-out (BxH) mm		92 x 92	92 x 92	92 x 92	124 x 124	124 x 124	124 x 124	
Fan		Axial, self-starting shaded pole motor	Axial, self-starting shaded pole motor	Axial, DC motor	Diagonal, self-starting shaded pole motor	Diagonal, self-starting shaded pole motor	Diagonal, DC motor	
Operating temperature range		-15°C...+55°C	-15°C...+55°C	-15°C...+55°C	-15°C...+55°C	-15°C...+55°C	-15°C...+55°C	
Storage temperature range		-30°C...+70°C	-30°C...+70°C	-30°C...+70°C	-30°C...+70°C	-30°C...+70°C	-30°C...+70°C	
Noise level dB(A)		38 / 43	38 / 43	38	46 / 49	46 / 49	46	
Accessories								
Outlet filter	1 pc(s).	3237.200	3237.200	3237.200	3238.200	3238.200	3238.200	372
Spare filter mats		see page	see page	see page	see page	see page	see page	371
Fine filter mats	5 pc(s).	-	-	-	3238.055	3238.055	3238.055	371
Hose-proof hood	1 pc(s).	3237.080	3237.080	3237.080	3238.080	3238.080	3238.080	372
Blanking cover	2 pc(s).	3237.020	3237.020	3237.020	3238.020	3238.020	3238.020	372
Enclosure internal thermostat	1 pc(s).	3110.000	3110.000	3110.000	3110.000	3110.000	3110.000	379
Digital enclosure internal temperature display and thermostat	1 pc(s).	3114.200	3114.200	3114.200	3114.200	3114.200	3114.200	379
Hygrostat	1 pc(s).	3118.000	3118.000	3118.000	3118.000	3118.000	3118.000	380
Speed control	1 pc(s).	3120.200	3120.200	-	3120.200	3120.200	-	381

TopTherm fan-and-filter units

Air throughput 105 – 180 m³/h

Model No.	Packs of	3239.100	3239.110	3239.124	3240.100	3240.110	3240.124	Page
Rated operating voltage V _n , ~, Hz		230, 1~, 50/60	115, 1~, 50/60	24 (DC)	230, 1~, 50/60	115, 1~, 50/60	24 (DC)	
Air throughput, unimpeded air flow m ³ /h		105 / 120	105 / 120	105	180 / 160	180 / 160	180	
Rated current A		0.12 / 0.11	0.24 / 0.22	0.23	0.21 / 0.19	0.42 / 0.38	0.43	
Pre-fuse A		2	2	2	2	4	2	
Motor circuit-breaker		–	–	–	–	–	–	
Power consumption W		19 / 18	19 / 18	5.5	35 / 34	35 / 34	10	
Width (B) mm		204	204	204	255	255	255	
Height (H) mm		204	204	204	255	255	255	
Depth (T1) mm		24	24	24	25	25	25	
Max. installation depth (T2) mm		90	90	90	107	107	107	
Required mounting cut-out (BxH) mm		177 x 177	177 x 177	177 x 177	224 x 224	224 x 224	224 x 224	
Fan		Diagonal, self-starting shaded pole motor	Diagonal, self-starting shaded pole motor	Diagonal, DC motor	Diagonal, self-starting shaded pole motor	Diagonal, self-starting shaded pole motor	Diagonal, DC motor	
Operating temperature range		-15°C...+55°C	-15°C...+55°C	-15°C...+55°C	-30°C...+55°C	-30°C...+55°C	-30°C...+55°C	
Storage temperature range		-30°C...+70°C	-30°C...+70°C	-30°C...+70°C	-30°C...+70°C	-30°C...+70°C	-30°C...+70°C	
Noise level dB(A)		46 / 49	46 / 49	46	51 / 46	51 / 46	51	

Accessories

Outlet filter	1 pc(s).	3239.200	3239.200	3239.200	3240.200	3240.200	3240.200	372
Spare filter mats		see page	see page	see page	see page	see page	see page	371
Fine filter mats	5 pc(s).	3181.100	3181.100	3181.100	3182.100	3182.100	3182.100	371
Hose-proof hood	1 pc(s).	3239.080	3239.080	3239.080	3240.080	3240.080	3240.080	372
Blanking cover	2 pc(s).	3239.020	3239.020	3239.020	3240.020	3240.020	3240.020	372
Enclosure internal thermostat	1 pc(s).	3110.000	3110.000	3110.000	3110.000	3110.000	3110.000	379
Digital enclosure internal temperature display and thermostat	1 pc(s).	3114.200	3114.200	3114.200	3114.200	3114.200	3114.200	379
Hygrostat	1 pc(s).	3118.000	3118.000	3118.000	3118.000	3118.000	3118.000	380
Speed control	1 pc(s).	3120.200	3120.200	–	3120.200	3120.200	–	381

Air throughput 230 – 550 m³/h

Model No.	Packs of	3241.100	3241.110	3241.124	3243.100	3243.110	Page
Rated operating voltage V _n , ~, Hz		230, 1~, 50/60	115, 1~, 50/60	24 (DC)	230, 1~, 50/60	115, 1~, 50/60	
Air throughput, unimpeded air flow m ³ /h		230 / 250	230 / 250	230	550 / 600	550 / 600	
Rated current A		0.26 / 0.24	0.52 / 0.48	0.8	0.37 / 0.39	0.78 / 0.8	
Pre-fuse A		4	4	2	4	6	
Motor circuit-breaker		–	–	–	–	–	
Power consumption W		40 / 42	40 / 42	19	70 / 87	75 / 90	
Width (B) mm		255	255	255	323	323	
Height (H) mm		255	255	255	323	323	
Depth (T1) mm		25	25	25	25	25	
Max. installation depth (T2) mm		107	107	107	118.5	118.5	
Required mounting cut-out (BxH) mm		224 x 224	224 x 224	224 x 224	292 x 292	292 x 292	
Fan		Diagonal, self-starting shaded pole motor	Diagonal, self-starting shaded pole motor	Diagonal, DC motor	Diagonal, 1~ capacitor motor	Diagonal, 1~ capacitor motor	
Operating temperature range		-30°C...+55°C	-30°C...+55°C	-30°C...+55°C	-30°C...+55°C	-30°C...+55°C	
Storage temperature range		-30°C...+70°C	-30°C...+70°C	-30°C...+70°C	-30°C...+70°C	-30°C...+70°C	
Noise level dB(A)		54 / 56	54 / 56	54	59 / 61	59 / 61	

Accessories

Outlet filter	1 pc(s).	3240.200	3240.200	3240.200	3243.200	3243.200	372
Spare filter mats		see page	see page	see page	see page	see page	371
Fine filter mats	5 pc(s).	3182.100	3182.100	3182.100	3183.100	3183.100	371
Hose-proof hood	1 pc(s).	3240.080	3240.080	3240.080	3243.080	3243.080	372
Blanking cover	2 pc(s).	3240.020	3240.020	3240.020	3243.020	3243.020	372
Enclosure internal thermostat	1 pc(s).	3110.000	3110.000	3110.000	3110.000	3110.000	379
Digital enclosure internal temperature display and thermostat	1 pc(s).	3114.200	3114.200	3114.200	3114.200	3114.200	379
Hygrostat	1 pc(s).	3118.000	3118.000	3118.000	3118.000	3118.000	380
Speed control	1 pc(s).	3120.200	3120.200	–	3120.200	3120.200	381