

TopTherm fan-and-filter units



Air throughputs incl. outlet filter and protection categories Page 401 **Accessories for climate control** Page 454 **Therm software** Page 474

Colour:

- RAL 7035

Supply includes:

- Complete unit ready to install, including filter mat

Note:

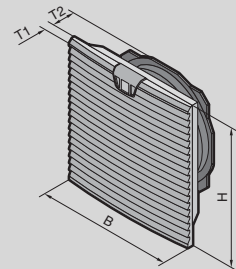
- For energy-efficient operation of the fan-and-filter units, we recommend using the enclosure internal thermostat, the speed control or the digital enclosure internal temperature display and thermostat

Approvals:

Available on the Internet

Performance diagrams:

Available on the Internet



Air throughput 20 – 180 m³/h, EMC

Model No.	Packs of	3237.600	3238.600	3239.600	3240.600	Page
Rated operating voltage V, ~, Hz		230, 1~, 50/60	230, 1~, 50/60	230, 1~, 50/60	230, 1~, 50/60	
Air throughput, unimpeded air flow m³/h		20 / 25	55 / 66	105 / 120	180 / 160	
Rated current A		0.065 / 0.052	0.12 / 0.11	0.12 / 0.11	0.21 / 0.19	
Pre-fuse A		2	2	2	2	
Power consumption W		11 / 9	19 / 18	19 / 18	35 / 34	
Width (B) mm		116.5	148.5	204	255	
Height (H) mm		116.5	148.5	204	255	
Depth (T1) mm		16	16	24	25	
Max. installation depth (T2) mm		43	58.5	90	107	
Required mounting cut-out (BxH) mm		92 x 92	124 x 124	177 x 177	224 x 224	
Fan		Axial, self-starting shaded pole motor	Diagonal, self-starting shaded pole motor	Diagonal, self-starting shaded pole motor	Diagonal, self-starting shaded pole motor	
Operating temperature range		-15°C...+55°C	-10°C...+55°C	-10°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	
Noise level dB(A)		38 / 43	46 / 49	46 / 49	51 / 46	
Weight kg		0.485	2.0	1.2	2.12	

Accessories

Outlet filter	1 pc(s).	3237.060	3238.060	3239.060	3240.060	457
Spare filter mats	5 pc(s).	3237.066	3238.066	3239.066	3240.066	456
Fine filter mats	5 pc(s).	-	3238.055	3181.100	3182.100	457
Hose-proof hood	1 pc(s).	3237.080	3238.080	3239.080	3240.080	458
Speed control	1 pc(s).	3120.200	3120.200	3120.200	3120.200	470
Thermostat	1 pc(s).	3110.000	3110.000	3110.000	3110.000	467
Thermostat with strain relief	1 pc(s).	3110.100	3110.100	3110.100	3110.100	467
Digital enclosure internal temperature display and thermostat	1 pc(s).	3114.200	3114.200	3114.200	3114.200	466
Hygrostat	1 pc(s).	3118.000	3118.000	3118.000	3118.000	468
Hygrostat with strain relief	1 pc(s).	3118.100	3118.100	3118.100	3118.100	468

TopTherm fan-and-filter units

Air throughput 230 – 900 m³/h, EMC

Model No.	Packs of	3241.600	3243.600	3244.600	3245.600	Page
Rated operating voltage V, ~, Hz		230, 1~, 50/60	230, 1~, 50/60	230, 1~, 50/60	200 - 240, 1~, 50/60	
Air throughput, unimpeded air flow m ³ /h		230 / 250	550 / 600	700 / 770	900	
Rated current A		0.26 / 0.24	0.37 / 0.39	0.43 / 0.6	1.33 / 1.33	
Pre-fuse A		4	4	4	4	
Power consumption W		40 / 42	70 / 87	95 / 135	165 / 165	
Width (B) mm		255	323	323	323	
Height (H) mm		255	323	323	323	
Depth (T1) mm		25	25	25	25	
Max. installation depth (T2) mm		107	118.5	130.5	130.5	
Required mounting cut-out (BxH) mm		224 x 224	292 x 292	292 x 292	292 x 292	
Fan		Diagonal, self-starting shaded pole motor	Diagonal, 1- capacitor motor	Diagonal, 1- capacitor motor	Diagonal, EC motor	
Operating temperature range		-30°C...+55°C	-30°C...+55°C	-30°C...+55°C	-25°C...+55°C	
Storage temperature range		-30°C...+70°C	-30°C...+70°C	-30°C...+70°C	-25°C...+70°C	
Noise level dB(A)		54 / 56	59 / 61	65 / 66	72	
Weight kg		2.12	3.56	4.28	3.5	

Accessories						
Outlet filter	1 pc(s).	3240.060	3243.060	3243.060	3243.060	457
Spare filter mats	5 pc(s).	3240.066	3243.066	3243.066	3243.066	456
Fine filter mats	5 pc(s).	3182.100	3183.100	3183.100	3183.100	457
Hose-proof hood	1 pc(s).	3240.080	3243.080	3243.080	3245.080	458
Speed control	1 pc(s).	3120.200	3120.200	3120.200	-	470
Thermostat	1 pc(s).	3110.000	3110.000	3110.000	3110.000	467
Thermostat with strain relief	1 pc(s).	3110.100	3110.100	3110.100	3110.100	467
Digital enclosure internal temperature display and thermostat	1 pc(s).	3114.200	3114.200	3114.200	3114.200	466
Hygrostat	1 pc(s).	3118.000	3118.000	3118.000	3118.000	468
Hygrostat with strain relief	1 pc(s).	3118.100	3118.100	3118.100	3118.100	468

Accessories



EC speed control

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TopTherm fan-and-filter units

Air throughput and protection category

TopTherm fan-and-filter units

Model No.	Air throughput m ³ /h at 50/60 Hz				Protection category IP to IEC 60 529/NEMA protection category				
	Unimpeded air flow	With outlet filter including filter mat			Standard filter	Standard filter and additional micro-filter mat	Standard filter and hose-proof hood		
3237.100	20/25	1 x 3237.200 15/18	-	-	IP 54/ Type 12	-	IP 56/ Type 3, 3R		
3237.110									
3237.124	20								
3238.100	55/66	1 x 3238.200 43/50	2 x 3238.200 46/56	-		IP 54/ Type 12	IP 56/ Type 3, 3R		
3238.110									
3238.124	55	1 x 3238.200 43	2 x 3238.200 46						
3239.100	105/120	1 x 3239.200 87/100	2 x 3239.200 93/108	1 x 3240.200 98/111				IP 55/ Type 12	IP 56/ Type 3, 3R Type 4, 4X
3239.110									
3239.124	105	1 x 3239.200 87	2 x 3239.200 93	1 x 3240.200 98					
3240.100	180/160	1 x 3240.200 138/121	2 x 3240.200 165/140	1 x 3243.200 165/140					
3240.110									
3240.124	180	1 x 3240.200 138	2 x 3240.200 165	1 x 3243.200 165					
3241.100	230/250	1 x 3240.200 183/205	2 x 3240.200 203/230	1 x 3243.200 203/230					
3241.110									
3241.124	230	1 x 3240.200 183	2 x 3240.200 203	1 x 3243.200 203					
3243.100	550/600	1 x 3243.200 465/510	2 x 3243.200 508/548	-					
3243.110									
3244.100	700/770	1 x 3243.200 544/587	2 x 3243.200 614/662	-					
3244.110									
3244.140									

TopTherm fan-and-filter units, EMC

Model No.	Air throughput m ³ /h at 50/60 Hz				Protection category IP to IEC 60 529/NEMA protection category					
	Unimpeded air flow	With EMC outlet filter including EMC filter mat			Standard filter	Standard filter and additional micro-filter mat	Standard filter and hose-proof hood			
3237.600	20/25	1 x 3237.060 15/18	-	-	IP 54/ Type 12	-	IP 56/ Type 3, 3R			
3238.600	55/66	1 x 3238.060 43/50	2 x 3238.060 46/56	-						
3239.600	105/120	1 x 3239.060 87/100	2 x 3239.060 93/108	1 x 3240.060 98/111						
3240.600	180/160	1 x 3240.060 138/121	2 x 3240.060 165/140	1 x 3243.060 165/140		IP 55/ Type 12	IP 56/ Type 3, 3R Type 4, 4X			
3241.600	230/250	1 x 3240.060 183/205	2 x 3240.060 203/230	1 x 3243.060 203/230						
3243.600	550/600	1 x 3243.060 465/510	2 x 3243.060 508/548	-						
3244.600	700/770	1 x 3243.060 544/587	2 x 3243.060 630/690	-						
3245.600	900	1 x 3243.060 680	2 x 3243.060 820	-				IP 51	IP 52	IP 56/ Type 1, 12 Type 3, 3R

TopTherm fan-and-filter units with EC technology

Model No.	Air throughput m ³ /h at 50/60 Hz				Protection category IP to IEC 60 529/NEMA protection category		
	Unimpeded air flow	With outlet filter including filter mat			Standard filter	Standard filter and additional micro-filter mat	Standard filter and hose-proof hood
3238.500	55	1 x 3238.200 43	2 x 3238.200 46	-	IP 54/ Type 12	IP 55/ Type 12	IP 56/ Type 3, 3R Type 4, 4X
3239.500	105	1 x 3239.200 87	2 x 3239.200 93	1 x 3240.200 98			
3240.500	180	1 x 3240.200 138	2 x 3240.200 165	1 x 3243.200 165			
3241.500	230	1 x 3240.200 183	2 x 3240.200 203	1 x 3243.200 203			
3243.500	550	1 x 3243.200 465	2 x 3243.200 508	-			
3244.500	700	1 x 3243.200 544	2 x 3243.200 630	-			
3245.500	900	1 x 3243.200 680	2 x 3243.200 820	-	IP 51	IP 52	IP 56/ Type 1, 12 Type 3, 3R
3245.510	900	1 x 3243.200 680	2 x 3243.200 820	-			