

# TopTherm filter fan/exhaust



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## Protection rating:

NEMA 12/IP 54 standard,  
IP 55 with additional fine filter mat  
NEMA 3R/4/4X/IP 56 with hose-  
proof hood

## Part number crossover:

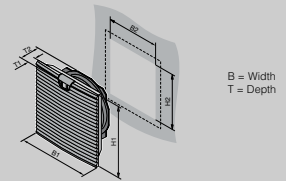
Crossover table for previous  
generation filter fans, see page  
843.

## Certifications:

CE - 3527009  
UL/cUL - E76083  
CSA - 2460966

## Performance diagrams:

Available at [www.rittal-corp.com](http://www.rittal-corp.com)



## Air Displacement: 12 - 39 cfm (20 - 66 m<sup>3</sup>/h)

Part No. (Filter Fan and Filter Unit)	3237.100	3237.110	3237.124	3238.100	3238.110	3238.124
Part No. (Filter Fan and Filter Unit - EMC)	3237.600	3237.610	-	3238.600	3238.610	-
Rated operating voltage V, Hz	230, 50/60	115, 50/60	24 (DC)	230, 50/60	115, 50/60	24 (DC)
Dimensions inches (mm)	B1/H1 5 x 5 (116.5 x 116.5)			6 x 6 (148.5 x 148.5)		
	B2/H2 4 x 4 (92 x 92)			5 x 5 (124 x 124)		
	T1 1 (16)			1 (16)		
Max. install depth inches (mm)	T2 2 (43)			2 (58.5)		
Air throughput, unimpeded air flow	12/15 cfm (20/25 m <sup>3</sup> /h)		12 cfm (20 m <sup>3</sup> /h)	32/39 cfm (55/66 m <sup>3</sup> /h)		32 cfm (55 m <sup>3</sup> /h)
Air throughput with outlet filter including standard filter mat	1 x 3237.200: 9/11 cfm (15/18 m <sup>3</sup> /h)			1 x 3238.200: 25/29 cfm (43/50 m <sup>3</sup> /h) 2 x 3238.200: 27/33 cfm (46/56 m <sup>3</sup> /h)		
Fan motor	Self-starting shaded pole motor		DC motor	Self-starting shaded pole motor		DC motor
Rated current	0.065 A/0.052 A	0.12 A/0.1 A	0.125 A	0.12 A/0.11 A	0.24 A/0.22 A	0.23 A
Power consumption	11 W/9 W		3 W	19 W/18 W		5.5 W
Pre-fuse	2 A					
Noise level	38/43 dB (A)		38 dB (A)	46/49 dB (A)		46 dB (A)
Operating temperature range F° (C°)	5 to 131° F (-15 to +55° C)					
Storage temperature range F° (C°)	-22 to 158° F (-30 to +70° C)					
Color	RAL 7035					
Part No. outlet filter	3237.200			3238.200		
Part No. outlet filter - EMC	3237.060			3238.060		

Accessories	PU	Page			
Filter mats	5	3321.700	3322.700	483	
Filter mats - EMC	5	3237.066	3238.066	483	
Fine filter mats	5	-	3238.055	484	
Hose-proof hood - 304 stainless steel	1	3237.080 <sup>1)</sup>	3238.080 <sup>2)</sup>	485	
Hose-proof hood - RAL 7035	1	3237.085 <sup>1)</sup>	3238.085 <sup>3)</sup>	487	
Blanking cover	1	3237.020	3238.020	839	
Thermostat	1	3110.000			476
Digital temperature display	1	3114.200			475
Hygrostat	1	3118.000			476
Speed control	1	3120.200			477

<sup>1)</sup> UL Type 3R <sup>2)</sup> UL Type 4X <sup>3)</sup> UL Type 3R/4 Special voltages and colors available on request. We reserve the right to make technical modifications.

# TopTherm filter fan/exhaust

Air Displacement: 106 - 147 cfm (180 - 250 m<sup>3</sup>/h)

Part No. (Filter Fan and Filter Unit)		3240.100	3240.110	3240.124	3241.100	3241.110	3241.124
Part No. (Filter Fan and Filter Unit - EMC)		3240.600	3240.610	-	3241.600	3241.610	-
Rated operating voltage V, Hz		230, 50/60	115, 50/60	24 (DC)	230, 50/60	115, 50/60	24 (DC)
Dimensions inches (mm)	B1/H1	10 x 10 (255 x 255)					
	B2/H2	9 x 9 (224 x 224)					
	T1	0.98 (25)					
Max. installation depth inches (mm)	T2	4.21 (107)					
Air throughput, unimpeded air flow		106/94 cfm (180/160 m <sup>3</sup> /h)		106 cfm (180 m <sup>3</sup> /h)	135/147 cfm (230/250 m <sup>3</sup> /h)		135 cfm (230 m <sup>3</sup> /h)
Air throughput with outlet filter including standard filter mat		1 x 3240.200: 81/71 cfm (138/121 m <sup>3</sup> /h) 2 x 3240.200: 97/82 cfm (165/140 m <sup>3</sup> /h) 1 x 3243.200: 97/82 cfm (165/140 m <sup>3</sup> /h)			1 x 3240.200: 108/120 cfm (183/205 m <sup>3</sup> /h) 2 x 3240.200: 119/135 cfm (203/230 m <sup>3</sup> /h) 1 x 3243.200: 119/135 cfm (203/230 m <sup>3</sup> /h)		
Diagonal fan		Self-starting shaded pole motor		DC motor	Self-starting shaded pole motor		DC motor
Rated current		0.21 A/0.19 A	0.42 A/0.38 A	0.43 A	0.26 A/0.24 A	0.52 A/0.48 A	0.78 A
Power consumption		35 W/34 W		11 W	40 W/42 W		19 W
Pre-fuse		2 A	4 A	2 A	4 A		2 A
Noise level		51/46 dB (A)		51 dB (A)	54/56 dB (A)		54 dB (A)
Operating temperature range F° (C°)		-22 to 131° F (-30 to +55° C)					
Storage temperature range F° (C°)		-22 to 158° F (-30 to +70° C)					
Color		RAL 7035					
Part No. outlet filter		3240.200					
Accessories		PU					Page
Filter mats	5	3172.100					483
Filter mats - EMC	5	3240.066					483
Fine filter mats	5	3182.100					484
Hose-proof hood - Type 304 stainless steel	1	3240.080 <sup>1)</sup>					487
Hose-proof hood - RAL 7035	1	3240.085 <sup>2)</sup>					487
Blanking cover	1	3240.020					485
Thermostat	1	3110.000					476
Digital temperature display	1	3114.200					475
Hygrostat	1	3118.000					476
Speed control	1	3120.200					477

<sup>1)</sup> UL Type 4X

<sup>2)</sup> UL Type 3R/4

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# TopTherm filter fan/exhaust

Air Displacement: 323 - 453 cfm (550 - 770 m<sup>3</sup>/h)

Part No. (Filter Fan and Filter Unit)	3243.100	3243.110	3244.100	3244.110	3244.140
Part No. (Filter Fan and Filter Unit - EMC)	3243.600	3243.610	3244.600	3244.610	-
Rated operating voltage V, Hz	230, 50/60	115, 50/60	230, 50/60	115, 50/60	400/460, 3~, 50/60
Dimensions inches (mm)	B1/H1	13 x 13 (323 x 323)			
	B2/H2	12 x 12 (292 x 292)			
	T1	1 (25)			
Max. installation depth inches (mm)	T2	4½ (118.5)	5 (130.5)		
Air throughput, unimpeded air flow	323/353 cfm (550/600 m <sup>3</sup> /h)		412/424 cfm (700/770 m <sup>3</sup> /h)		
Air throughput with outlet filter including standard filter mat	1 x 3243.200: 259/289 cfm (440/490 m <sup>3</sup> /h) 2 x S243.200: 300/330 cfm (510/560 m <sup>3</sup> /h)		1 x 3243.200: 320/359 cfm (544/610 m <sup>3</sup> /h) 2 x 3243.200: 371/406 cfm (630/690 m <sup>3</sup> /h)		
Diagonal fan	1~ capacitor motor				Rotary current motor
Rated current	0.37 A/0.39 A	0.78 A/0.80 A	0.43 A/0.6 A	0.9 A/1.25 A	0.17 A/0.21 A
Power consumption	70 W/87 W	75 W/90 W	95 W/135 W	100 W/145 W	93 W/140 W
Pre-fuse	4 A	6 A	4 A	6 A	Motor circuit-breaker
Noise level	59/61 dB (A)		65/66 dB (A)		
Operating temperature range	-22 to 131° F (-30 to +55° C)				
Storage temperature range	-22 to 158° F (-30 to +70° C)				
Color	RAL 7035				
Part No. outlet filter	3243.200				
Part No. outlet filter – EMC	3243.060	-	3243.060	-	
<b>Accessories</b>	PU				Page
Filter mats	5	3173.100			483
Filter mats – EMC	5	3243.066			483
Fine filter mats	5	3183.100			484
Hose-proof hood - Type 304 stainless steel	1	3243.080 <sup>1)</sup>			487
Hose-proof hood - RAL 7035	1	3243.085 <sup>2)</sup>			487
Blanking cover	1	3243.020			485
Thermostat	1	3110.000			476
Digital temperature display	1	3114.200			475
Hygrostat	1	3118.000			476
Speed control	1	3120.200			477

<sup>1)</sup> UL Type 4X

<sup>2)</sup> UL Type 3R/4

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