



## Filter Fans - KRYOS<sup>2</sup>



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#### Design Features

- Wide range of sizes
- Wide range of voltage options
- Snap in mounting that does not require hardware
- Simple adjustment for air flow reversal; push/pull
- Retention clips designed to accept wide range of enclosures
- Hinged cover designed for easy filter replacement
- Spring loaded terminal blocks for reliable electrical connection
- Gasketing and user manuals provided
- Designed and manufactured for high reliability

#### Industry Standards

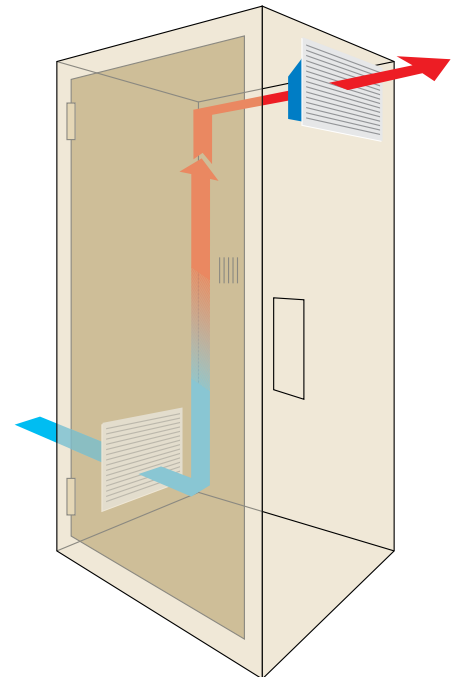
- UL Recognized (File #E194444)
- CSA Listed
- IP 54 Rated
- IP 55 Capable with Optional Filter
- Type 12

#### Industries Served

- Industrial & Process Automation
- Packaging and Logistical Systems
- Energy (Solar, Wind, Water and Petrochemical)
- Telecommunications
- Defense Systems

#### Product Attributes

- 5 different size footprints for flexibility
- CFM Range of 21 CFM - 584 CFM
- Wide range of Voltage options: 12VDC - 48VDC; 115VAC - 460VAC
- Operating Temperature: -10°C / 14°F to 60°C / 140°F
- All Models UV Resistant ABS Blend; RAL 7035
- MTBF of 40,000 hours
- All units functionally tested before shipment



Information / Drawings subject to change without notice

# Ventilation - Filter Fans

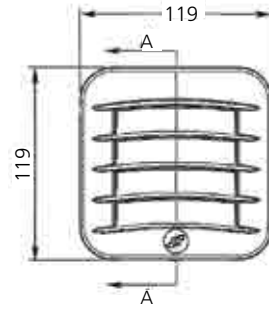
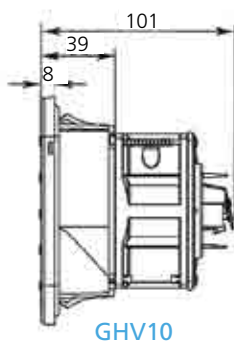
	GHV10		GHV15		GHV20	
Specification	GHV1000220	GHV1000203	GHV1500220	GHV1500203	GHV2000220	GHV2000203
Power Supply	230-1-50/60	115-1-50/60	230-1-50/60	115-1-50/60	230-1-50/60	115-1-50/60
Dimensions - mm	119 x 119 x 101		152 x 152 x 89		204 x 204 x 121.5	
Dimensions - in	4.69 x 4.69 x 3.98		5.98 x 5.98 x 3.5		8.03 x 8.03 x 4.78	
Power Absorbed / Current Absorbed - W/A	13 / 0.07	13 / 0.13	22 / 0.14	22 / 0.26	22 / 0.14	22 / 0.26
Ambient Temperature Limits - °F	14° / +140°		14°F +140°		14° / +140°	
Protection Degree	IP54		IP54		IP54	
Noise Level - dB(A)	35		49		49	
Air Flow - m³/h (CFM)	35 (21)		67 (39)		108 (64)	
Air Flow + GHF Equiv. - m³/h (CFM)	24 (14)		50 (29)		75 (44)	
	GHV25				GHV30	
Specification	GHV2500220	GHV2500203	GHV2501220	GHV2501203	GHV3000220	GHV3000203
Power Supply	230-1-50/60	115-1-50/60	230-1-50/60	115-1-50/60	230-1-50/60	115-1-50/60
Dimensions - mm	250 x 250 x 134.4		250 x 250 x 110.5		318 x 318 x 153.5	
Dimensions - in	9.84 x 9.84 x 5.29		9.84 x 9.84 x 4.35		12.52 x 12.52 x 6.04	
Power Absorbed / Current Absorbed - W/A	35 / 0.29	35 / 0.43	50 / 0.26	50 / 0.46	50 / 0.26	50 / 0.46
Ambient Temperature Limits - °F	14° / +140°				14° / +140°	
Protection Degree	IP54				IP54	
Noise Level - dB(A)	54		62		62	
Air Flow - m³/h (CFM)	190 (112)		370 (218)		500 (294)	
Air Flow + GHF Equiv. - m³/h (CFM)	130 (77)		270 (159)		380 (224)	
	GHV30 Continued					
Specification	GHV30A1220	GHV30P1220	GHV30A1203	GHV30P1203	GHV30A2220	GHV30P2220
Power Supply	230-1-50/60		115-1-50/60		230-1-50/60	
Dimensions - mm	318 x 318 x 163					
Dimensions - in	12.52 x 12.52 x 6.42					
Power Absorbed / Current Absorbed - W/A	90 / 0.34		85 / 0.68		175 / 0.5	
Ambient Temperature Limits - °F	14° / +140°					
Protection Degree	IP54					
Noise Level - dB(A)	68				71	
Air Flow - m³/h (CFM)	615 (362)				990 (582)	
Air Flow + GHF Equiv. - m³/h (CFM)	500 (294)				575 (338)	
	GHV30 Continued					
Specification	GHV30A2203	GHV30P2203	GHV30A2262	GHV30P2262		
Power Supply	115-1-50/60		400/460-3-50/60			
Dimensions - mm	318 x 318 x 163					
Dimensions - in	12.52 x 12.52 x 6.42					
Power Absorbed / Current Absorbed - W/A	165 / 1.37		160 / 0.23	155 / 0.21		
Ambient Temperature Limits - °F	14° / +140°					
Protection Degree	IP54					
Noise Level - dB(A)	71					
Air Flow - m³/h (CFM)	990 (582)					
Air Flow + GHF Equiv. - m³/h (CFM)	575 (338)					
	Slim - GHV10, GHV15, GHV20					
Specification	GHV10SL220	GHV15SL220	GHV20SL220			
Power Supply	230-1-50/60					
Dimensions - mm	119 x 119 x 68	152 x 152 x 76	204 x 204 x 108			
Dimensions - in	4.69 x 4.69 x 2.7	5.98 x 5.98 x 3	8.03 x 8.03 x 4.25			
Power Absorbed / Current Absorbed	19 / 0.09	20 / 0.09	20 / 0.09			
Ambient Temperature Limits - °F	14° to 140°					
Protection Degree	IP54					
Noise Level - dBA	31	46	46			
Air Flow - m³/h (CFM)	35 (21)	67 (39)	80 (47)			
Air Flow + GHF Equiv. - m³/h (CFM)	24 (14)	50 (29)	57 (34)			

- 12, 24 & 48 VDC models available in most KRYOS<sup>2</sup> model numbers

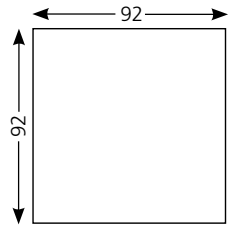
Information / Drawings subject to change without notice

# Ventilation - Filter Fans

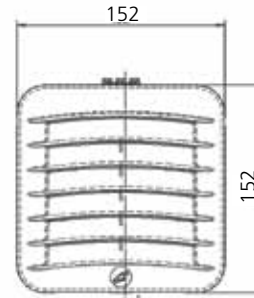
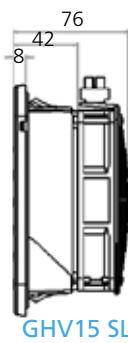
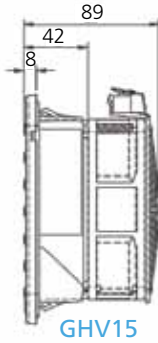
GHV10 / GHV10 SL



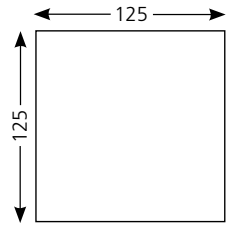
Cut-out Dimensions



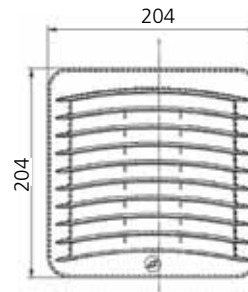
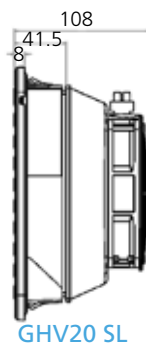
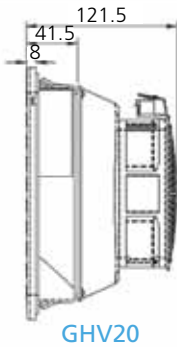
GHV15 / GHV15 SL



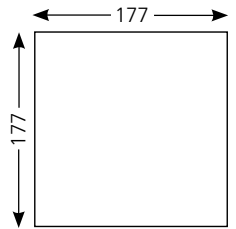
Cut-out Dimensions



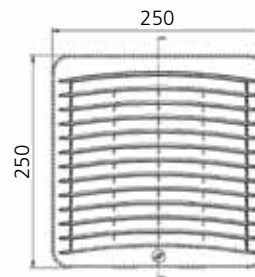
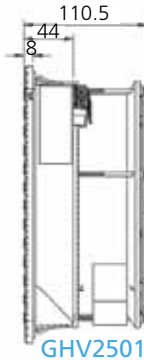
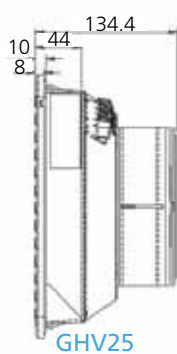
GHV20 / GHV20 SL



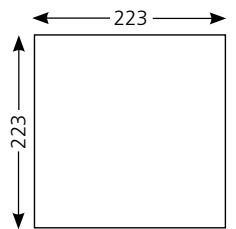
Cut-out Dimensions



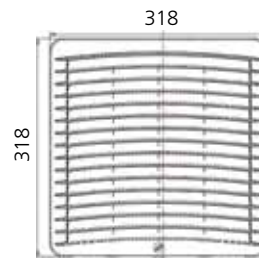
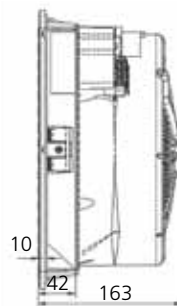
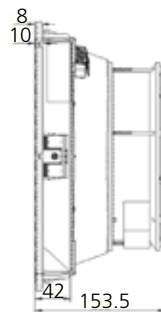
GHV25 / GHV2501



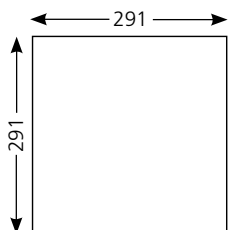
Cut-out Dimensions



GHV30 / GHV30 (A/P)



Cut-out Dimensions

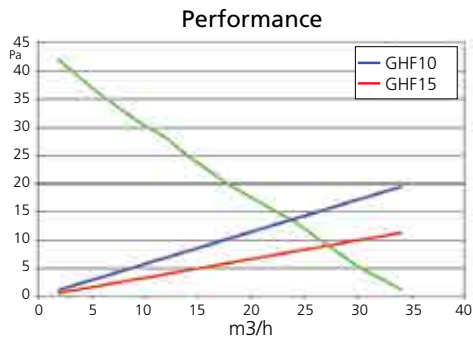


Information / Drawings subject to change without notice

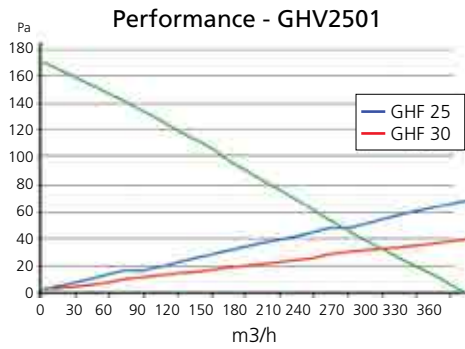
• Measurements shown in mm (refer to page 21 for in.)

# Ventilation - Filter Fans

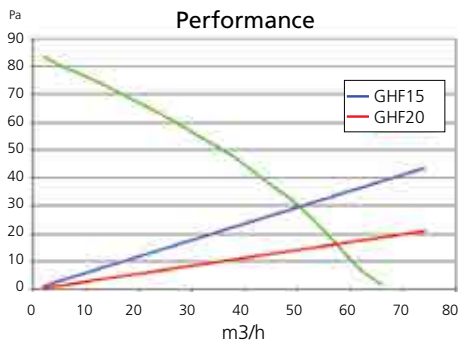
GHV10 / GHV10 SL



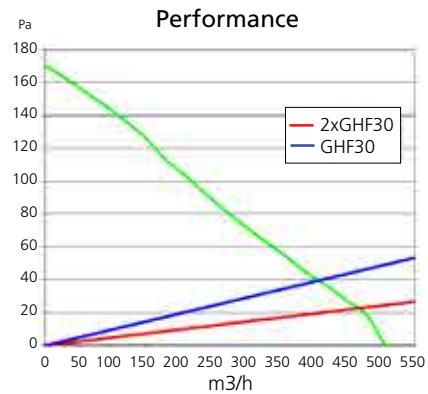
GHV2501



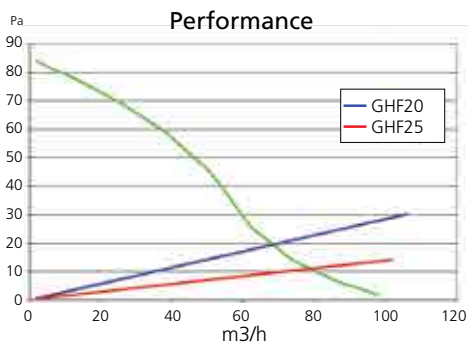
GHV15 / GHV15 SL



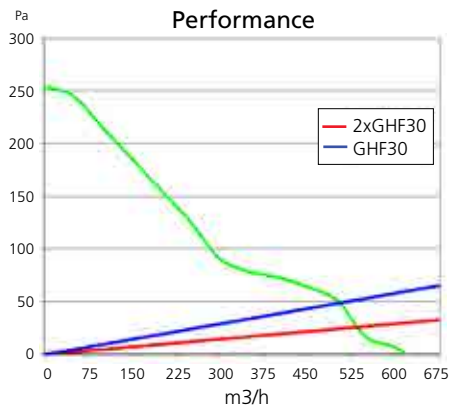
GHV30



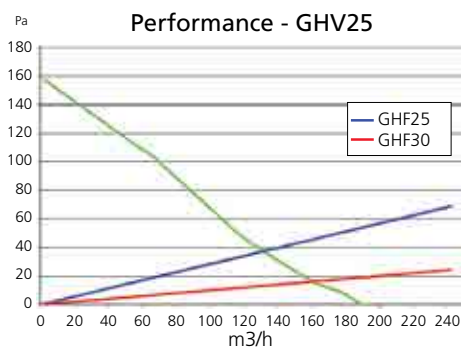
GHV20



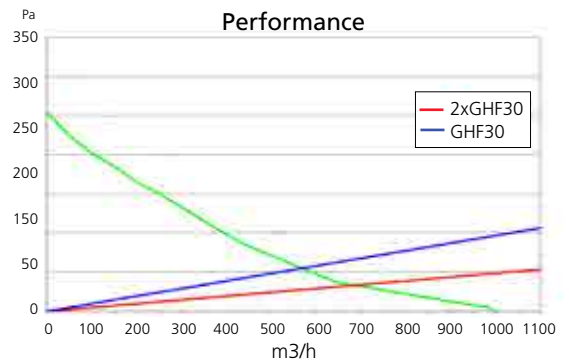
GHV30x1



GHV25



GHV30x2



Information / Drawings subject to change without notice

# Ventilation - Filter Fans

## Grills

	GHF/Grills				
Specification	GHF10	GHF15	GHF20	GHF25	GHF30
Side Cabinet Protection Degree - IP	54	54	54	54	54
Height/Width/Depth - mm	119 x 119 x 48	152 x 152 x 50	204 x 204 x 42	250 x 250 x 55	318 x 318 x 42
Height/Width/Depth - in	4.69 x 4.69 x 1.89	5.98 x 5.98 x 1.97	8.03 x 8.03 x 1.65	9.84 x 9.84 x 2.17	12.52 x 12.52 x 1.65



## Replacement Filters

	Replacement Filters					
Specification		GHV10 / GHF10	GHV15 / GHF15	GHV20 / GHF20	GHV25 / GHF25	GHV30 / GHF30
IP54 (PU=10)	Part Number	AVAFAGH10	AVAFAGH15	AVAFAGH20	AVAFAGH25	AVAFAGH30
IP55 (PU=5)	Part Number		AVAFSGH15	AVAFSGH20	AVAFSGH25	AVAFSGH30

## Rainhoods

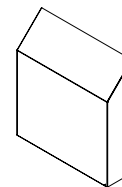
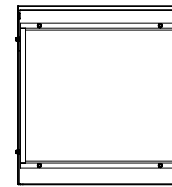
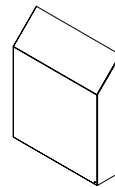
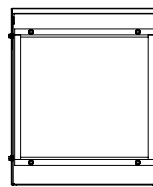
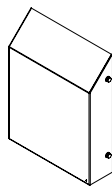
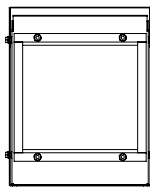
	Rainhoods								
Specification	RHA1015	RHR1015	RHS1015	RHA2025	RHR2025	RHS2025	RHA30	RHR30	RHS30
Compatible Filter Fan	GHV10 / GHV15			GHV20 / GHV25			GHV30		
Compatible Exhaust Grill	GHF10 / GHF15			GHF20 / GHF25			GHF30		
Finish	ANSI61	RAL7035	304SS	ANSI61	RAL7035	304SS	ANSI61	RAL7035	304SS
Type	NEMA12		NEMA4X	NEMA12		NEMA4X	NEMA12		NEMA4X



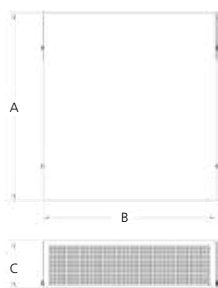
RHx1015

RHx2025

RHx30

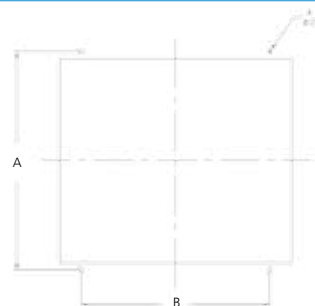


Dimensions



RainHood Size	Dim "A"	Dim "B"	Dim "C"
RHx1015	10.49	8.32	2.34
RHx2025	14.90	12.32	3.47
RHx30	17.74	16.32	4.47

Hole Patterns



RainHood Model	Dim "A"	Dim "B"
RHx1015	7.00	5.00
RHx2025	11.00	9.00
RHx30	13.88	12.00

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