

Kryos³ - Indoor

New design, unaltered quality

Kryos³ GS filters fans, for the ventilation of electrical enclosures, are the optimal solution when the ambient temperature is lower than the temperature inside the cabinet, and can be installed, thanks to their reduced depth, on various types of panels.

Together with a new modern design, Kryos³ filter fans offer the same wide range of sizes and power supplies as previous generations, allowing you to choose the most suitable solution for your installation and geographical area.

With the Kryos³ product range, Cosmotec offers ventilation solutions that use ambient air to directly cool the enclosure while maintaining an adequate degree of protection from dust or water ingress (externally certified tests). The wide range of sizes and power supplies and the reduced depth allow the most suitable choice for the characteristics of the specific application.

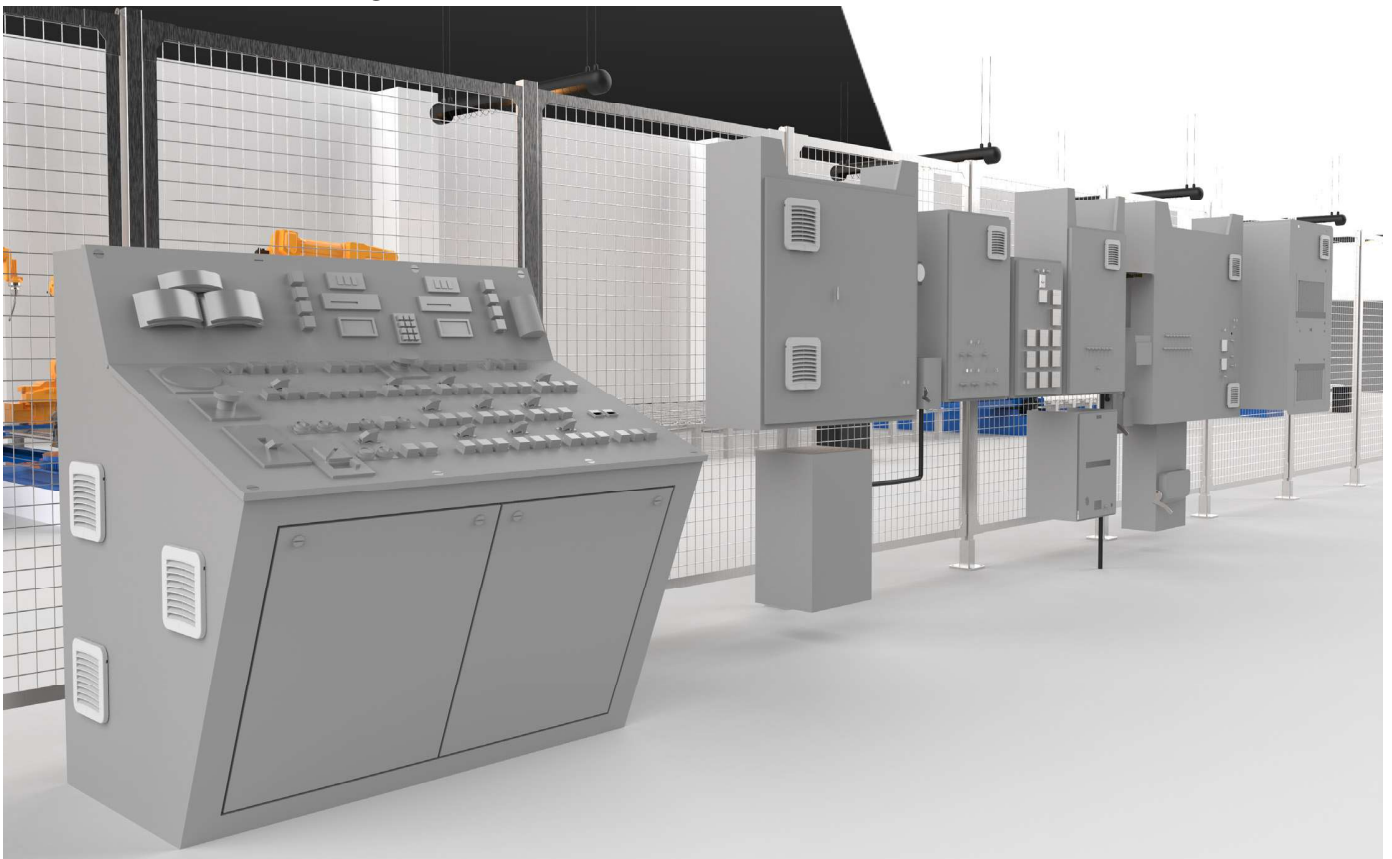


User Friendly Installation

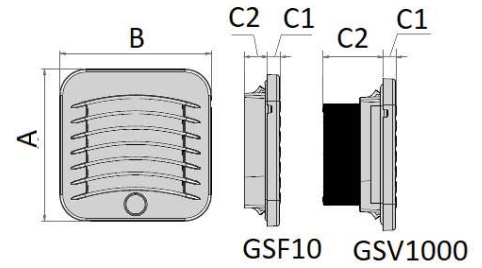
Easy to install without the use of tools or screws, thanks to the clips on the rear grille, which provide an adequate seal between the grille and the cabinet. The filter fans can be installed on different types of enclosures with thicknesses between 0.8 and 3 mm, for CNx10 between 0.8 and 2 mm. Fixing with screws is possible for larger thicknesses; each article is provided with embossments on the rear grille.

Main Features

- Easy opening for filter replacement/cleaning
- Screwless fixing system
- In ABS BLEND (RAL7035)
- Air Flow: 35 - 850 m³/h
- Suction/pressure fan orientation
- Protection Degree IP54
- MTBF: 40000 hours
- Certifications: CE, UL Recognized, UL Listed FFTA/FTTA7, CSA, EAC

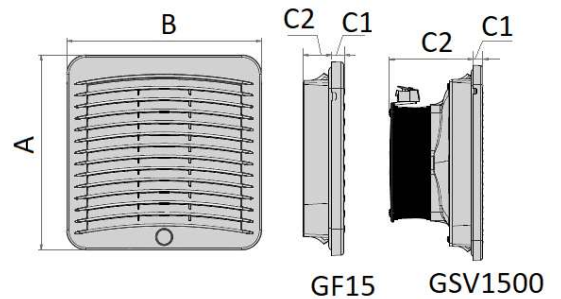


GSV10



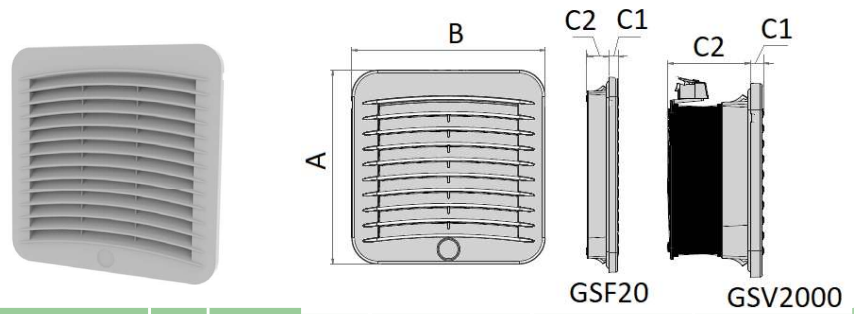
CODE	M.U.	GSF10	GSV1000220	GSV1000203	GSV1000211
UL Recognized - UL Listed FTTA/FTTA7		✓	✓	✓	✓
Rated Voltage	V, ~	--	230, 1	115, 1	24VDC
Nominal Frequency	Hz	--	50 60	50 60	--
Fan Flow GSV	m³/h	--	35	35	50
Fan Flow GSV+GSF10/GSF15	m³/h	--	24/27	24/27	32/38
Absorbed Power	W	--	4,6 4,5	3,6 2,86	6,3
Absorbed Current	A	--	0,21 0,205	0,22 0,175	0,265
Internal operating Temp. min/max	CE °C	--	-10 / +70	-10 / +70	-10 / +70
	UL °C	--	-10 / +55	-10 / +55	-10 / +55
Protection Degree	CE IP	54	54	54	54
	UL Type	12	12	12	12
External Sound pressure	dB(A)	--	33	33	53
Height (A)	mm	119	119	119	119
Width (B)	mm	119	119	119	119
Depth (C)	mm	28,5	57,5	57,5	57,5

GSV15



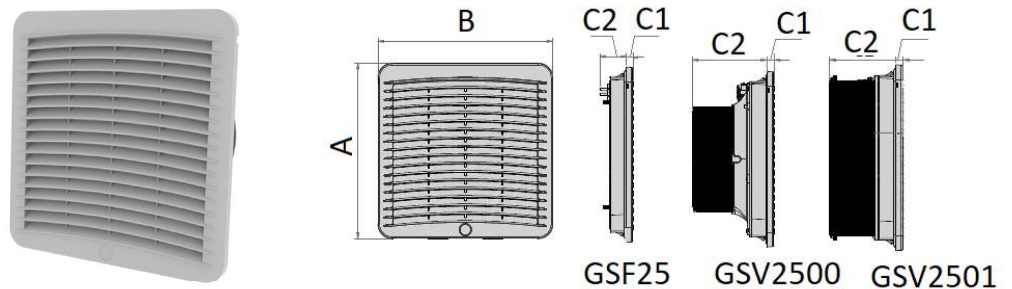
CODE	M.U.	GSF15	GSV1500220	GSV1500203	GSV1500211
UL Recognized - UL Listed FTTA/FTTA7		✓	✓	✓	✓
Rated Voltage	V, ~	--	230, 1	115, 1	24VDC
Nominal Frequency	Hz	--	50 60	50 60	--
Fan Flow GSV	m³/h	--	67	67	67
Fan Flow GSV+GSF15/GSF20	m³/h	--	50/58	50/58	50/58
Absorbed Power	W	--	22 22	22 25	8,1
Absorbed Current	A	--	0,14 0,14	0,26 0,3	0,335
Internal operating Temp. min/max	CE °C	--	-10 / +70	-10 / +70	-10 / +70
	UL °C	--	-10 / +55	-10 / +55	-10 / +55
Protection Degree	CE IP	54	54	54	54
	UL Type	12	12	12	12
External Sound pressure	dB(A)	--	49	49	48
Height (A)	mm	152 x 152 x 32,5	152 x 152 x 75	152 x 152 x 75	152 x 152 x 75
Width (B)	mm				
Depth (C)	mm				

GSV20



CODE	M.U.	GSF20	GSV2000220	GSV2000203	GSV2000211
UL Recognized - UL Listed FTTA/FTTA7		✓	✓	✓	✓
Rated Voltage	V, ~	--	230, 1	115, 1	24 VDC
Nominal Frequency	Hz	--	50 60	50 60	--
Fan Flow GSV	m³/h	--	108	108	108
Fan Flow GSV+GSF20/GSF25	m³/h	--	75/88	75/88	75/88
Absorbed Power	W	--	22 22	22 24,5	8,1
Absorbed Current	A	--	0,14 0,14	0,26 0,29	0,335
Internal operating Temp. min/max	CE °C	--	-10 / +70	-10 / +70	-10 / +70
	UL °C	--	-10 / +55	-10 / +55	-10 / +55
Protection Degree	CE IP	54	54	54	54
	UL Type	12	12	12	12
External Sound pressure	dB(A)	--	49	49	48
Height (A)	mm	204	204	204	204
Width (B)	mm	204	204	204	204
Depth (C)	mm	33,5	98	98	98

GSV25



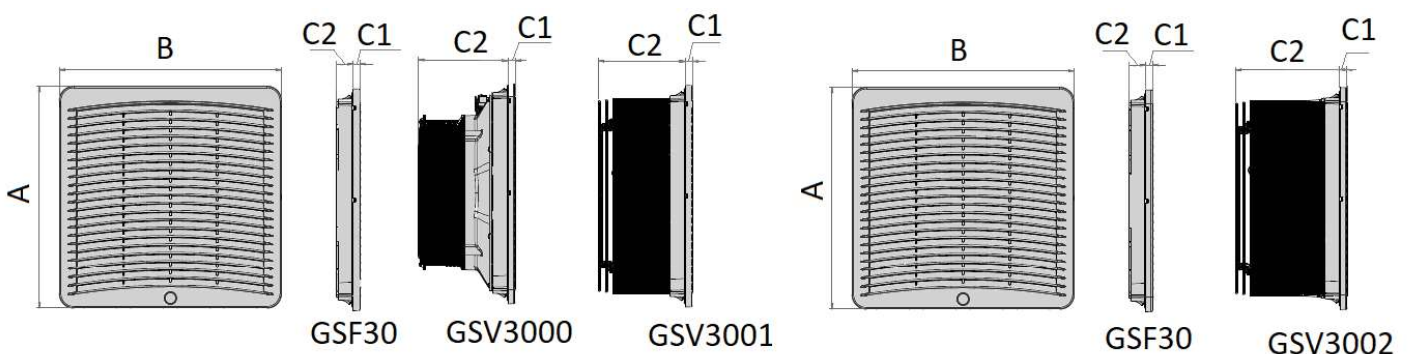
CODE	M.U.	GSF25	GSV2500220	GSV2500203	GSV2500211	GSV2501220	GSV2501203
UL Recognized - UL Listed FTTA/FTTA7		✓	✓	✓	✓	✓	✓
Rated Voltage	V, ~	--	230, 1	115, 1	24VDC	230, 1	115, 1
Nominal Frequency	Hz	--	50 60	50 60	--	50 60	50 60
Fan Flow GSV	m³/h	--	190	190	230	270	270
Fan Flow GSV+GSF25/GSF30	m³/h	--	130/160	130/160	190/210	200/220	200/220
Absorbed Power	W	--	25 70	39 38	26,6	50 66	50 75
Absorbed Current	A	--	0,11 0,31	0,59 0,575	0,86	0,25 0,33	0,42 0,63
Internal operating Temp. min/max	CE °C	--	-10 / +70	-10 / +70	-10 / +70	-10 / +70	-10 / +70
	UL °C	--	-10 / +55	-10 / +55	-10 / +55	-10 / +55	-10 / +55
Protection Degree	CE IP	54	54	54	54	54	54
	UL Type	12	12	12	12	12	12
External Sound pressure	dB(A)	--	55	55	59	62	62
Height (A)	mm	250	250	250	250	250	250
Width (B)	mm	250	250	250	250	250	250
Depth (C)	mm	47,5	118	118	118	99	99

GSV30



CODE	M.U.	GSF30	GSV3000220	GSV3000203	GSV3001220
UL Recognized - UL Listed FTTA/FTTA7		✓	✓	✓	✓
Rated Voltage	V, ~	--	230, 1	115, 1	230, 1
Nominal Frequency	Hz	--	50 60	50 60	50 60
Fan Flow GSV	m³/h	--	500	500	700
Fan Flow GSV+GSF30/2xGSF30	m³/h	--	380/450	380/450	600/670
Absorbed Power	W	--	50 63	50 72	115 173
Absorbed Current	A	--	0,25 0,315	0,42 0,61	0,51 0,77
Internal operating Temp. min/max	CE °C	--	-10 / +60	-10 / +60	-10 / +55
	UL		-10 / +55	-10 / +55	-10 / +55
Protection Degree	CE IP	54	54	54	54
	UL Type	12	12	12	12
External Sound pressure	dB(A)	--	62	62	65
Height (A)	mm	318	318	318	318
Width (B)	mm	318	318	318	318
Depth (C)	mm	34	139	139	135

CODE	M.U.	GSV3001203	GSV3002220	GSV30002203	GSV3002262
UL Recognized - UL Listed FTTA/FTTA7		✓	✓	✓	✓
Rated Voltage	V, ~	115, 1	230, 1	115, 1	400,3 460,3
Nominal Frequency	Hz	50 60	50 60	50 60	50 60
Fan Flow GSV	m³/h	700	850	850	850
Fan Flow GSV+GSF30/2xGSF30	m³/h	600/670	620/670	620/700	620/700
Absorbed Power	W	125 170	142 182	115 196	115 204
Absorbed Current	A	1,1 1,5	0,63 0,81	1,02 1,24	0,23 0,355
Internal operating Temp. min/max	CE °C	-25 / +50	-25 / +55	-25 / +55	-25 / +60
	UL	-25 / +55	-25 / +55	-25 / +55	-25 / +55
Protection Degree	CE IP	54	54	54	54
	UL Type	12	12	12	12
External Sound pressure	dB(A)	68	65	71	65
Height (A)	mm	318	318	318	318
Width (B)	mm	318	318	318	318
Depth (C)	mm	135	160,5	160,5	160,5



Spare Air Filter

CODE	10 Filters
GSF10	AVAFAGS10
GSF15	AVAFAGS15
GSF20	AVAFAGS20
GSF25	AVAFAGS25
GSF30	AVAFAGS30
GSV10	AVAFAGS10
GSV15	AVAFAGS15
GSV20	AVAFAGS20
GSV25	AVAFAGS25
GSV30	AVAFAGS30

Features

- Material = chemical fibers
- Weight 200 g/m²
- Thickness 14 mm
- Dust holding capacity 600g/m²
- IP54



Additional Air Filter Protection Degree IP55

CODE	5 filters Package
GSF15-GSV15	AVAFLGS15
GSF20-GSV20	AVAFLGS20
GSF25-GSV25	AVAFLGS25
GSF30-GSV30	AVAFLGS30

Features

- Material = chemical fibers
- Weight 200 g/m²
- Thickness 7 mm
- Dust holding capacity 597g/m²

Installation technical notes in the manual

Hose-proof hood IP56 Protection Degree

CODE	1 Hose-proof hood	Dimensions
GSF10	AVAFSGS10	231 x 150 x 30,7
GSF15	AVAFSGS15	246 x 176 x 45,7
GSF20	AVAFSGS20	331 x 233 x 45,7
GSF25	AVAFSGS25	392,5 x 282 x 75,7
GSF30	AVAFSGS30	482,5 x 350 x 100,7
GSV10	AVAFSGS10	231 x 150 x 30,7
GSV15	AVAFSGS15	246 x 176 x 45,7
GSV20	AVAFSGS20	331 x 233 x 45,7
GSV25	AVAFSGS25	392,5 x 282 x 75,7
GSV30	AVAFSGS30	482,5 x 350 x 100,7

Features

- Material = galvanised sheet
- Option = AISI304 Stainless Steel

