

Filter fans for ventilation of the electrical enclosure

KRYOS³



The filter fans Kryos³ GS for the ventilation of the electrical enclosure is the suitable solution when the external temperature is lower than internal ones, installable, thank you to the its reduced depth, on several types of the electrical enclosure.



New design, same quality

Together with a new design, the Kryos³ offers the same wide range of sizes and power supplies of the previous generations, to let you choose the most suitable solution for your system and area.

Size: 10,15, 20, 25, 30

Air flow: from 35m³/h to 850m³/h

Power supply: 230Vac and 115Vac, 24Vdc, 400/460Vac. On request 12Vdc and 48Vdc.

Color: standard RAL 7035, RAL 9005 on request



Certifications

The filter fans Kryos³ got several certifications that make them suitable for the world market, decreasing the installation cost for the manufacturers of the electrical enclosures and accelerating market access for the end users.



GSF

SIZE	Dim. (X - Y) mm	Dim. (Z) mm
10	119 - 119	28,5
15	152 - 152	32,5
20	204 - 204	33,5
25	250 - 250	47,5
30	318 - 318	34

GSV

SIZE	Dim. (X - Y) mm	Dim. (Z) mm	Air Flow m ³ /h	Temperature Limits °C
1000	119 - 119	57,5	35 (V _{AC}) 50 (V _{DC})	-10/+70*
1500	152 - 152	75	67	-10/+70*
2000	204 - 204	98	108	-10/+70*
2500	250 - 250	118	190 (V _{AC}) 230 (V _{DC})	-10/+70*
2501	250 - 250	99	270	-10/+60*
3000	318 - 318	139	500	-10/+60*
3001	318 - 318	135	700	-25/+50
3002	318 - 318	160,5	850	-25/+55 (+60 3')

*55 UL



Installazione user friendly

Tool-free installation

Kryos³ can be easily installed without tools and screws, thanks to the clips on the rear grid, that also give good grip between the and Kryos3 the enclosure. The Kryos3 can be installed on different types of enclosures with thickness from 0,8 and 3 mm, size 10 between 0,8 and 2mm.

For higher thickness it is possible the fixing by screws, for each item there are clews on the rear grid.

Fast electrical connection

The electrical connection and the possible replacement are easier and faster thanks to the connection by spring terminal for all the size (except GSV10).

Air flow reversibility

With an easy procedure it is possible to reverse the fan and the air flow from push to pull on all the models of the range. This allows to choose easily the suitable configuration.



Easy maintenance

The cleaning and replacement of the filter mat are very easy and fast thanks to the flap-open of the front grid.

Compatibility with the past

The Kryos³ range maintain the complete compatibility with the previous generations (GH and GK), allowing the mounting on existing applications.

Protection degree certified by an external agency

The integrated foam seal guarantees a suitable seal between filter fan and enclosure.

The Kryos³ assure protection against dust and splashing of water, with an IP54/Type12 protection degree.

It is possible to increase the protection degree up to IP56, in order to be able to install the Kryos³ in more severe ambient conditions, without risks for the equipment inside the enclosure, to install a hose proof hood.

The test are certified by an external agency, who has so approved the protection degree.



UV Resistance



The Kryos3 are made in ABS Blend, material that gives mechanical resistance, against the fire (with class V0) and to deterioration caused by sunshine rays, ensuring strength and extending the product life.