



THE NEW FILTER FAN PLUS

**EXPELS MORE AIR FROM  
AN ENCLOSURE**



SIMPLY INNOVATIVE. BETTER FOR SURE.

## OUR NEW FILTER FAN PLUS.

Optimum usage of space is always important in systems with electric or electronic components. Sophisticated enclosure applications often come with a high density of components. High temperatures within the enclosure may cause malfunctions if not addressed. With STEGO's range of innovative cooling products, you are safe in the knowledge that sensitive components, in all kinds of applications, are safeguarded against overheating and malfunctions.

THE FILTER FAN PLUS IS AVAILABLE IN  
5 CUT-OUT SIZES



With its unique technology, the Filter Fan Plus achieves a more effective air circulation and offers a considerable plus in airflow. The result: A noticeable increase in cool air gets into the enclosure. At the same time, warm air is expelled faster and more effectively to the outside. And it gets better yet ...

GET TO KNOW:

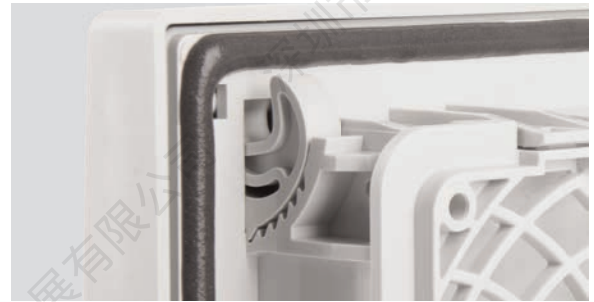
## THE MOST IMPORTANT PRODUCT HIGHLIGHTS!

### ➤ NEW AIR-FLAP OUTLET TECHNOLOGY FOR ENHANCED AIRFLOW



The new air-flap outlet technology eliminates the need for the filter mat for the air outlet, enhancing in turn the exiting airflow. So, using the same cut-out in an enclosure wall more air can be exchanged. Leading to more efficient cooling of the application. Another advantage: The flaps stay closed and dirt stays out when the fan is not in operation.

### ➤ SECURE AND STABLE: TOOL-FREE RATCHET MOUNT MECHANISM



The Filter Fan Plus is placed in the enclosure cut-out from the outside of the enclosure and mounted tool-free. By pressing the built-in ratchet braces the filter fan is pulled into the cabinet wall. The ratchet braces snap into place, giving the installer audible feedback that the filter fan is now installed securely. The ratchet mount is suitable for a wall thickness from 1 to 4 mm.

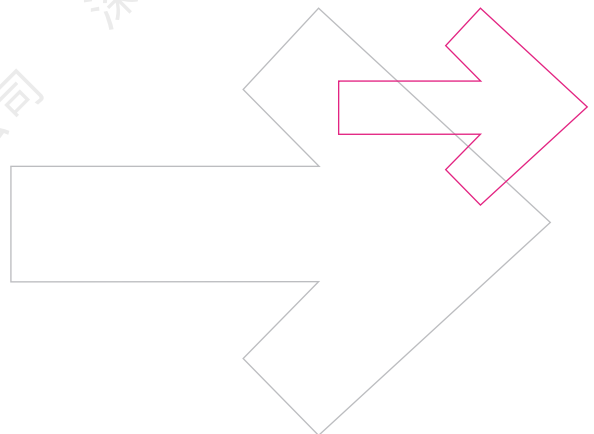
### ➤ ONLY ONE FILTER MAT SAVES COSTS

Flaps instead of mats: In contrast to conventional systems the Filter Fan Plus only requires one filter mat. This reduces maintenance work and costs.

### ➤ IP54 | UL TYPE 12 | NEMA 12 DUST AND SPLASH WATER PROTECTION

The new Filter Fan Plus protects against dust and splash water. Proven by successfully completed protection type tests carried-out by independent testing and certification agencies, like VDE and Underwriters Laboratories (UL).

### ➤ CERTIFICATIONS FOR MORE QUALITY AND SAFETY



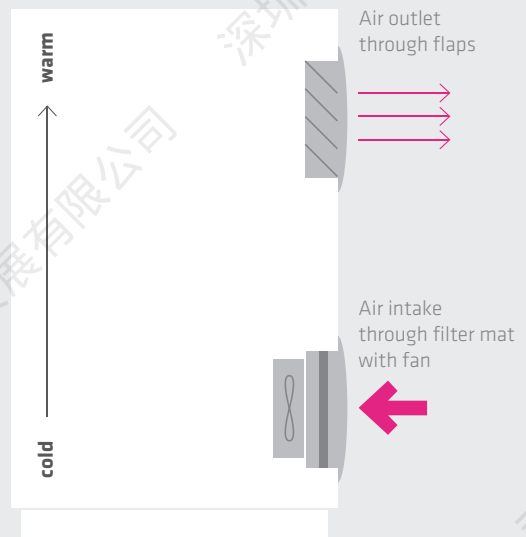
IN OR OUT?

## MORE AIRFLOW IN ANY CASE.

The new Filter Fan Plus is available in two high performance systems, ensuring the right combination to suit your application.

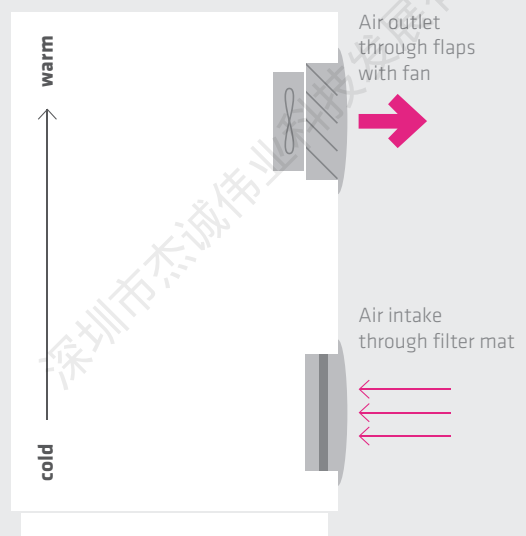
### **SYSTEM FPI** AIRFLOW DIRECTION „IN“

This is the more common approach: a filter fan with filter mat is located in the lower part of the enclosure and draws air from the outside. The air rises to the top of the enclosure, cooling the internal space and pushing the warm interior air through the air outlet. Whereas this air outlet now pulls more effectively, thanks to our new air-flap outlet technology.



### **SYSTEM FPO** AIRFLOW DIRECTION „OUT“

In this alternative approach, where it may be necessary to expel heat build-up more directly from the upper part of the enclosure, we recommend a more active evacuation of the hot air. For this purpose the fan in combination with the effective flap technology is placed in the upper part of the cabinet. The heat can be diverted quicker from the critical area. An intake filter with mat is needed in the lower part of the enclosure to allow the colder air from the outside to enter.

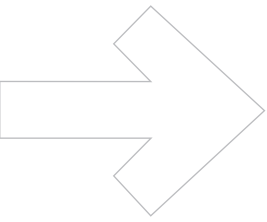


5 SIZES, 2 SYSTEMS

# COOLER WITH BETTER AIR CIRCULATION!



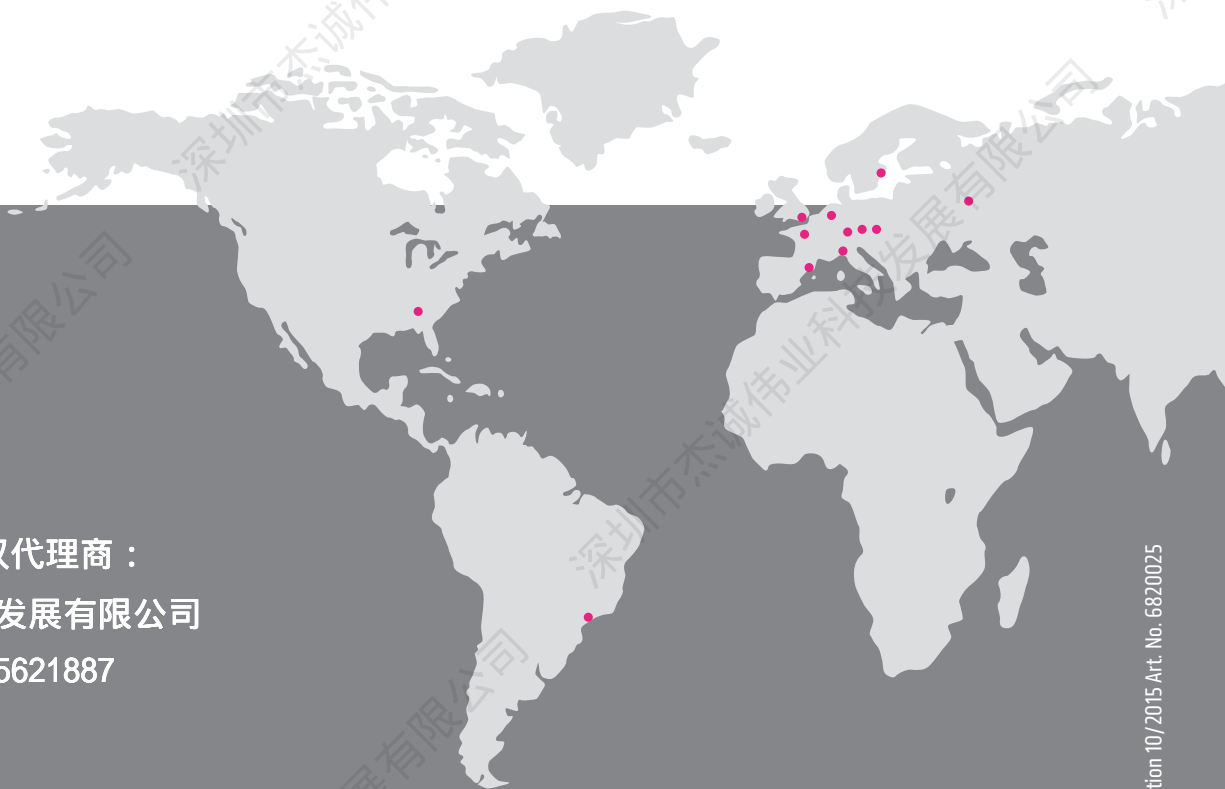
	 <b>SYSTEM FPI</b> AIRFLOW DIRECTION „IN“			 <b>SYSTEM FPO</b> AIRFLOW DIRECTION „OUT“		
Size (Enclosure cut-out)	Filter Fan FPI 018 with filter mat	Air volume, free flow AC 230 V, 50 Hz	Exit Filter FPI 118 with flaps	Filter Fan FPO 018 with flaps	Air volume, free flow AC 230 V, 50 Hz	Intake Filter FPO 118 with filter mat
<b>1</b> 92 x 92 mm	01870.0-30	19 m <sup>3</sup> /h	11870.0-00	01880.0-00	24 m <sup>3</sup> /h	11880.0-30
<b>2</b> 124 x 124 mm	01871.0-30	52 m <sup>3</sup> /h	11871.0-00	01881.0-00	97 m <sup>3</sup> /h	11881.0-30
<b>3</b> 176 x 176 mm	01872.0-30	170 m <sup>3</sup> /h	11872.0-00	01882.0-00	263 m <sup>3</sup> /h	11882.0-30
<b>4</b> 223 x 223 mm	01873.0-30	305 m <sup>3</sup> /h	11873.0-00	01883.0-00	536 m <sup>3</sup> /h	11883.0-30
<b>5</b> 291 x 291 mm	01874.0-30	433 m <sup>3</sup> /h	11874.0-00	01884.0-00	727 m <sup>3</sup> /h	11884.0-30



## AVAILABLE WORLDWIDE – STEGO „THE PROTECTOR OF ELECTRONICS“.

STEGO HAS OVER 30 YEARS OF EXPERIENCE AND IS REPRESENTED GLOBALLY WITH OFFICES IN 12 LOCATIONS AND MORE THAN 200 SALES PARTNERS THROUGHOUT THE WORLD. CUSTOMER SERVICE IS OUR TOP PRIORITY. WE ARE PROUD TO OFFER OUR CUSTOMERS A MAXIMUM OF PERSONALIZED SERVICE, INCLUDING APPLICATION ASSISTANCE AND ON-SITE CONSULTATIONS.

Your benefit: When you need support regarding enclosure climatization and Thermal Management: Your STEGO contact is never far away!



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