

## Filter Fan Plus FPI 018/FPO 018

The new Filter Fan Plus series of STEGO offers a number of new and interesting features. Consequently we added a "Plus" to the product name. A "Plus" in airflow and safety.



### Two systems - FPI and FPO

There are two different strategies that can be pursued when cooling customer applications – depending on the type of application. One is to feed cooler ambient air into the enclosure, the other is to draw warm interior air from the enclosure. These two strategies are the grounds for the two conclusive systems we offer with the Filter Fan Plus: the FPI system that actively feeds fresh air into the enclosure (I = IN), and the FPO system that actively removes warm air from the enclosure (O = OUT).



Both filter fan systems, FPI (I = IN) as well as FPO (O = OUT), consist of a filter fan and an exit- or else intake filter. The air always enters the enclosure through a product component with a filter mat, regardless whether the air intake is active, meaning with a fan, or passive. The air outlet is always fitted with the newly developed air-flap outlet technology that has been submitted for patent. As a result, only one filter mat is in use in each system.

Size (Enclosure cut-out)	SYSTEM FPI Airflow direction "IN"		SYSTEM FPO Airflow direction "OUT"	
	Filter Fan FPI 018 with filter mat	Exit Filter FPI 118 with flaps	Filter Fan FPO 018 with flaps	Intake Filter FPO 118 with filter mat
1 92 x 92 mm	01870.0-30	11870.0-00	01880.0-00	11880.0-30
2 124 x 124 mm	01871.0-30	11871.0-00	01881.0-00	11881.0-30
3 176 x 176 mm	01872.0-30	11872.0-00	01882.0-00	11882.0-30
4 223 x 223 mm	01873.0-30	11873.0-00	01883.0-00	11883.0-30
5 291 x 291 mm	01874.0-30	11874.0-00	01884.0-00	11884.0-30