

Intelligent Fan Drive for energy efficient solutions

Existing fans can also profit from the improvements in energy efficiency by using the Intelligent Fan Drive (IFD). The IFD results in energy savings up to 72%. Compared with the Triac controlled fans, the fan will run more efficient. This results in lower motor temperatures, which guarantees a longer lifetime of the fan. The automatic motor identification and calibration support easy installation and use. The IFD comes with an alarm contact and shielded cable and has a warranty of 3 years.



Innovative:

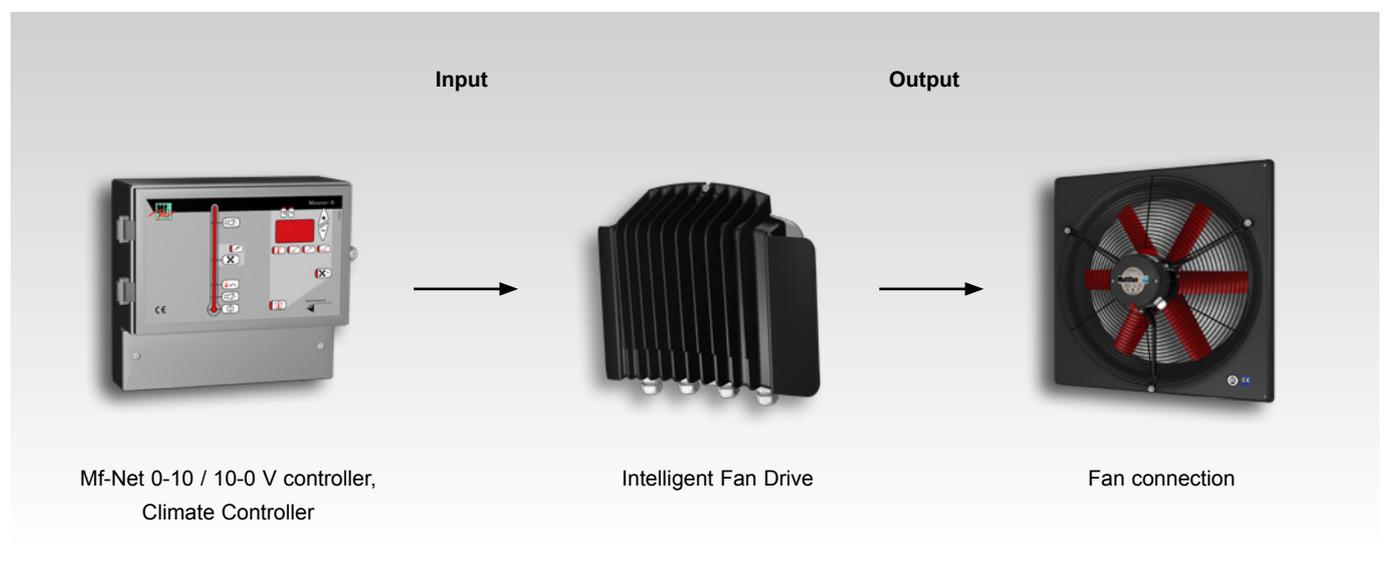
- Energy savings through FAST™ software
- Reduces energy costs, especially at minimum ventilation
- Higher accuracy through control on real-time motordata
- Automatic calibration

Durability:

- Resistant against the aggressive climates through the IP67 housing
- A longer lifetime of the motor and with 300% torque if necessary
- Passive cooling with the solid 'black box' housing
- A 3 year warranty
- Equipped with Power Factor Control for prevention of the peak current of the supply mains

Convenience:

- Easy installation next to the fan
- Automatic motor identification
- Easy to use through a LED lamp for alarmcodes and alarmrelais
- No user interface and EMC filtering necessary and control based on 0-10 Volt input signal
- Easy to clean through the solid design



Specifications IFD

Definition	Type	Notes
Supply voltage	230 V \pm 10% AC 50/60 Hz (85 - 265 V)	IFD will continue operation with reduced output power
Output voltage	3 x 230 V or 1 x 230 V	Vector control
Power consumption (max.)	1.250 W	
Output power (max.)	1.050 VA (1.150 VA in airflow)	
Maximum current output	4,4 A	
Current consumption (max.)	7 A	
PFC factor (cos ϕ)	\geq 0,9	
Ambient temperature	0 °C to + 40 °C	
Control voltage (% of maximum RPM)	0 - 10 V (1 V = 6% ; 9,5 V = 100%) 10 - 0 V (0,5 V = 100%; 9 V = 6%)	Selectable with control cable
Input impedance control signal	25 k Ω	
Maximum length of motor cable	2,5 m	
Maximum length of control cable	300 m	
Alarm contact (Potential free)	1 A / 24 V DC 0,5 A / 120 V AC	
Dimensions (L x W x H)	280 x 250 x 130 mm	
Housing	IP67	
Weight (unpacked)	5 kg	

Why choose Vostermans Ventilation:

LOYAL TO YOU

We care for your specific needs based on our long expertise. In close cooperation with you we secure your business outcomes.

RELIABLE

Since our foundation in the Netherlands in 1952, we maintain our reputation as reliable partner. Our carefully selected global network of independent distributors strive to deliver you dedicated service and expertise.

FUTURE PROOF

Our future proof approach, which combines energy efficiency solutions with robust quality and rigorous testing, is based on a genuine commitment to serve as a trusted partner.

Vostermans Ventilation is a global developer and manufacturer of sustainable axial fans for the agricultural and industrial market. Sustainability is key for Vostermans. Their premium brandlines Multifan and EMI are showcasing the drive for advanced energy efficient fans. The company applies continuous innovation and research in their own motor production facility and in house state of the art R&D department. Vostermans Ventilation, part of Vostermans Companies founded in 1952, is based in Venlo, the Netherlands and operates in USA, China and Malaysia.



YOUR SPECIALIST IN AIR

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Venlo - The Netherlands
Tel. +31 (0)77 389 32 32
ventilation@vostermans.com

Bloomington, IL- USA
Tel. +1 309 827-9798
ventilation@vostermansusa.com

Tmn Klang Jaya - Malaysia
Tel. +60 (0)3 3324 3638
ventilation@vostermansasia.com

Shanghai - China
Tel. +86 21 5290 2889/2899
ventilation@vostermanschina.com