

Three-phase frequency controller

The VLT Agro Drive enables efficient continuously variable speed control of three-phase fans. This control is based on a 0-10 V input signal. The fan speed control can be adapted precisely to the demands of the user. Lower motor temperatures assure a longer lifetime, less maintenance and higher reliability. Furthermore, the energy use is strongly reduced. The VLT Agro Drive provides an optimal climate under all circumstances.



Benefits:

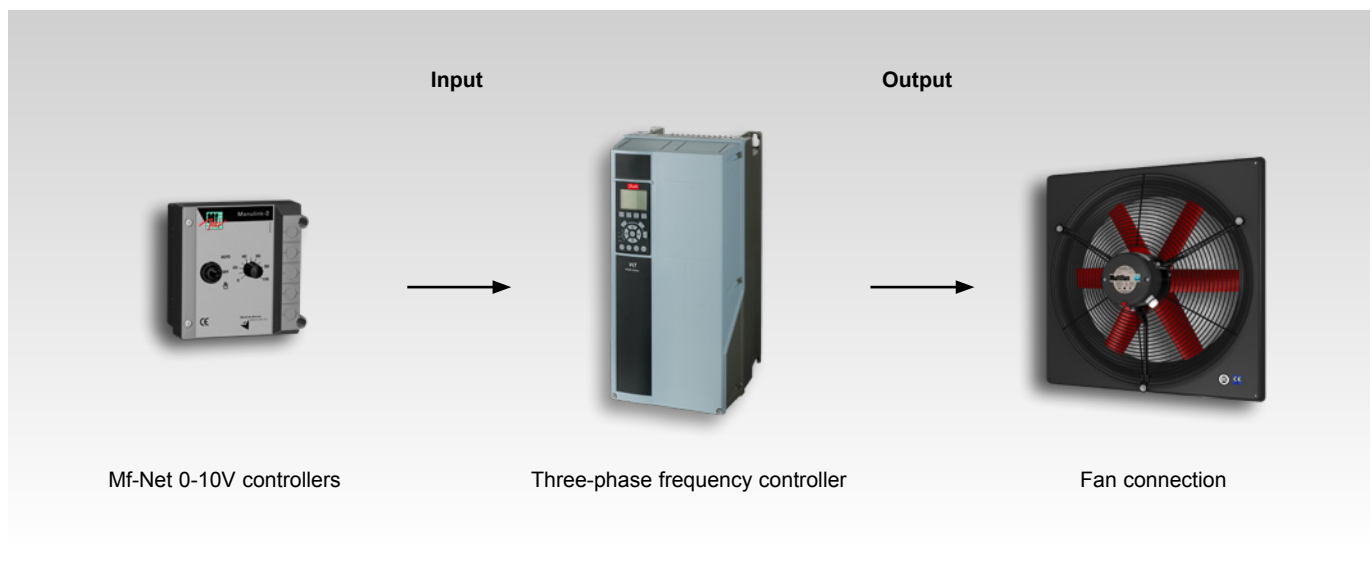
- Energy savings
- Very high reliability: ventilation is guaranteed under all circumstances, also with phase-failure or a too high temperature (protection mode).
- Until 150 metres protected wire applicable
- Applicable in new and existing ventilation systems
- Optimal protection against harsh environments such as the air in livestock buildings
- Maintenance-free
- Optimal climate under all circumstances

Features:

- Three-phase input / Three-phase output
- Ruggedized IP55 housing
- Separated cooling and controlling compartment which prevents polluted air to enter the control electronics
- Clear graphic display
- Special coating of print plate
- Complete internal filtering with optimal EMC-protection
- Controller resistant against short-circuit on the output
- Including memory chip for saving settings
- Multiple fans connectable

Optional available:

- Override switch



Specifications VLT Agro Drive

Definition	Min.	Typ.	Max.	Notes
Controller type		5,6 A, 16 A or 24 A		Frequency controller
Mains supply	380 V		500 V	3~
Mains frequency	50 Hz		60 Hz	
Fan output	0 %		100%	of supply voltage
Analogue inputs		2 x 0-10 V or 0/4-20 mA		
Digital inputs		6 (from which 2 to use as digital output)		
Analogue outputs		1 x 0/4-20 mA		
Relais outputs		2 x (240 Vac, 2 A and 400 Vac, 2 A)		
Standard communication		FC protocol, BacNet MSTP, N2 Metasys, FLN Apogee, Modbus RTU		
Length screened motor cable		Max. 150 meter		
Standard with		Geïntegreerde RFI filters en DC-spoelen		
Housing		Agro 3C3 coating		IP55
Weight (unpacked) 5,6 A versie		9,7 kg		
Weight (unpacked) 16 A versie		14 kg		
Weight (unpacked) 24 A versie		23 kg		
Dimensions (W x H x D)		261 x 242 x 481 mm		

User interface with graphical display

- 5 variables visible at once
- Shows diagrams and graphs
- Automatic Energy Optimisation
- Monitoring energy use
- Programming in 27 languages
- System diagnosis and alarm log



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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