

## Step Transformers

The STW & STD series step transformers enable fan motor speed control in steps. The STW series are intended for single-phase applications and the STD series for three-phase applications. The STW & STD series both are available in 2 versions: manual and automatic control. For each version a range with various maximum output currents is available.



### Benefits:

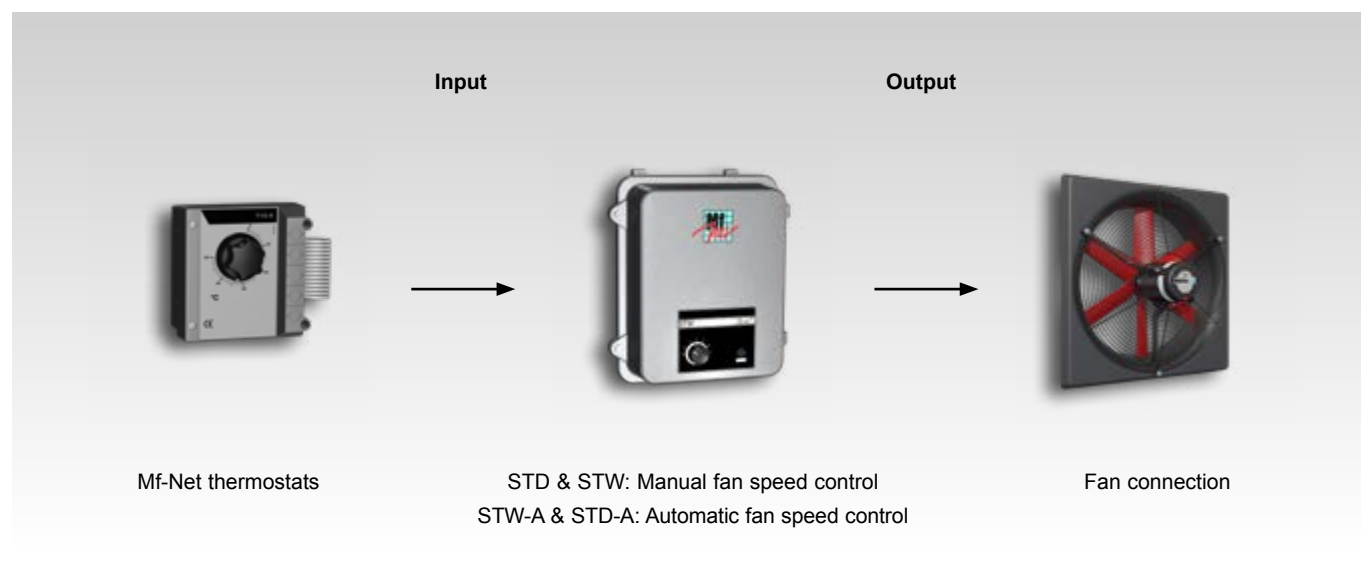
- Easy to install
- Easy to operate
- Robust, insensitive for short time power peaks and overloads
- Applicable for both new and existing ventilation systems

### Features:

- STD & STW versions: Manual step speed control
- STW-A & STD-A versions: Automatic step speed control to combine with Mf-Net thermostats

### Control diagram STW-A & STD-A

Step	Ventilation output
1	25%
2	30%
3	40%
4	60%
5	100%





## Specifications STW

Definition	Min.	Type	Max.	Notes
Controller type				Step Transformer
Mains supply		230 V		1~
Mains frequency	50 Hz		60 Hz	
Fan output current		7 up to 21 A		Depending on type
Housing				IP43 aluminum

## Specifications STD

Definition	Min.	Type	Max.	Notes
Controller type				Step Transformer
Mains supply		400 V		3~
Mains frequency	50 Hz		60 Hz	
Fan output current		5 up to 25 A		Depending on type
Housing				IP43 aluminum

### 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.



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

Bloomington, IL- USA  
Tel. +1 309 827-9798  
[ventilation@vostermansusa.com](mailto:ventilation@vostermansusa.com)

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

Shanghai - China  
Tel. +86 21 5290 2889/2899  
[ventilation@vostermanschina.com](mailto:ventilation@vostermanschina.com)