



# STW & STD series

## 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.

<p><b>Benefits</b></p> <ul style="list-style-type: none"> <li>• Easy to install</li> <li>• Easy to operate</li> <li>• Robust, insensitive for short time power peaks and overloads</li> <li>• Applicable for both new and existing ventilation systems</li> </ul> <p><b>Features</b></p> <ul style="list-style-type: none"> <li>• STD &amp; STW versions: Manual step speed control</li> <li>• STW-A &amp; STD-A versions: Automatic step speed control to combine with Mf-Net thermostats</li> </ul>	
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Inputs	Adjustments	Outputs
Thermostat	STD & STW: <ul style="list-style-type: none"> <li>• Manual fan speed control</li> </ul> STW-A & STD-A: <ul style="list-style-type: none"> <li>• Minimum speed</li> </ul>	Fan connection

## Specifications STW

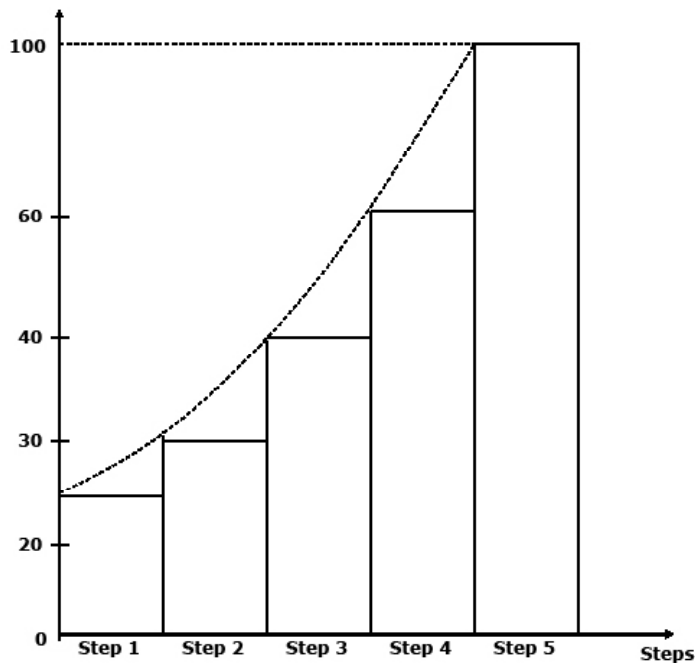
Definition	Min.	Typ.	Max.	Units	Notes
Controller Type					Step Transformer
Mains supply		230		V	Single-phase
Mains frequency	50		60	Hz	
Fan output current			10 to 21	A	Depending on type
Housing					IP43 aluminium housing

## Specifications STD

Definition	Min.	Typ.	Max.	Units	Notes
Controller Type					Step Transformer
Mains supply		400		V	Three-phase
Mains frequency	50		60	Hz	
Fan output current			5 to 25	A	Depending on type
Housing					IP43 aluminium housing

## Control Diagram STW-A & STD-A automatic

Ventilation Output (%)



**Vostermans Ventilation developed the open modular system Mf-Net for various applications. Mf-Net is applied in agricultural and industrial market segments.**



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