

# Multifan



## Greenhouse Fan

The new generation!



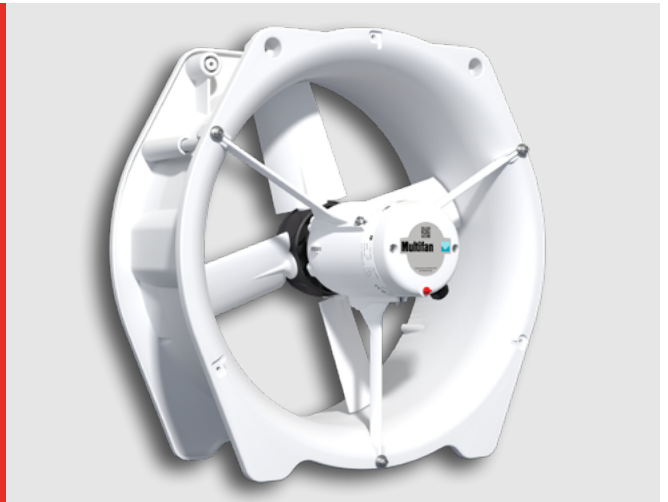
**VOSTERMANS**  
VENTILATION

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# Multifan Greenhouse Fan

## The next generation of Greenhouse Fans

With the new Multifan Greenhouse fan, you can create a uniform greenhouse climate while minimizing energy consumption. The improved fan design offers a number of important advantages. For example, the energy efficiency of the fan has been greatly improved, and it is much quieter. It is also easier to attach air hoses to the fan, saving you installation costs and making the fan cheaper to use. Create the ideal growing climate for your crop with this compact, powerful fan, which was specifically developed for the horticultural sector.



## Why choose this fan

- Powerful, quiet fan
- Among the most energy efficient in its class
- Low investment costs
- Easy to install
- Easy to maintain
- Completely white version for the ideal growing climate
- Materials resistant to extreme conditions
- Long service life: 3-year guarantee



## Features

- Available in 3 versions: 5,000, 7,000 and 8,500 m<sup>3</sup>/h
- Motor insulation class F.
- IP55 motor (water-resistant and dust-resistant)
- Energy efficient, up to 22.6 W/1,000 m<sup>3</sup>/h
- Low noise, up to 46 dB(A)
- Simple to attach 52 cm diameter air hoses
- Built-in thermal protection for single-phase motors

## Applications

- Greenhouse horticulture
- Agricultural: pigs, poultry, dairy cattle
- Industry

## Options available

- CE wire-guard kit (affects the performances)
- 5-meter cable with plug
- Built-in thermal detectors for 3-phase motors
- Frequency-controlled motor



45 cm Greenhouse Fan



Simple to attach air hoses



## Technical data single-phase

| Article       | ø (cm) | Power supply |     |    | (n)<br>RPM | P <sub>in</sub> (W) | I <sub>nom</sub> (A) | Q <sub>v</sub> (m³/h) | Throw<br>(m)* | SFP @0Pa<br>(W/1000m³/h) | dB(A)<br>** | Control options<br>*** |
|---------------|--------|--------------|-----|----|------------|---------------------|----------------------|-----------------------|---------------|--------------------------|-------------|------------------------|
|               |        | ~            | V   | Hz |            |                     |                      |                       |               |                          |             |                        |
| T6E45AAM80100 | 45     | 1            | 230 | 50 | 950        | 110                 | 0,6                  | 4.800                 | 45            | 24,8                     | 46          | E/T                    |
| T4E45DAM80100 | 45     | 1            | 230 | 50 | 1.460      | 190                 | 0,9                  | 6.450                 | 55            | 29,8                     | 55          | E/T                    |
| T4E45BAM80100 | 45     | 1            | 230 | 50 | 1.450      | 250                 | 1,2                  | 6.950                 | 60            | 35,8                     | 55          | E/T                    |
| T4E45CAM80100 | 45     | 1            | 230 | 50 | 1.415      | 370                 | 1,7                  | 8.700                 | 65            | 42,9                     | 54          | E/T                    |
| T6E45KAM80100 | 45     | 1            | 230 | 60 | 1.125      | 120                 | 0,6                  | 5.000                 | 45            | 23,8                     | 49          | E/T                    |
| T4E45LBM80100 | 45     | 1            | 115 | 60 | 1.735      | 270                 | 2,4                  | 7.150                 | 60            | 37,9                     | 58          | E/T                    |
| T4E45LAM80100 | 45     | 1            | 230 | 60 | 1.740      | 280                 | 1,2                  | 7.150                 | 60            | 38,2                     | 59          | E/T                    |
| T4E45MAM80100 | 45     | 1            | 230 | 60 | 1.655      | 390                 | 1,8                  | 8.450                 | 65            | 46,9                     | 58          | E/T                    |

## Technical data three-phase

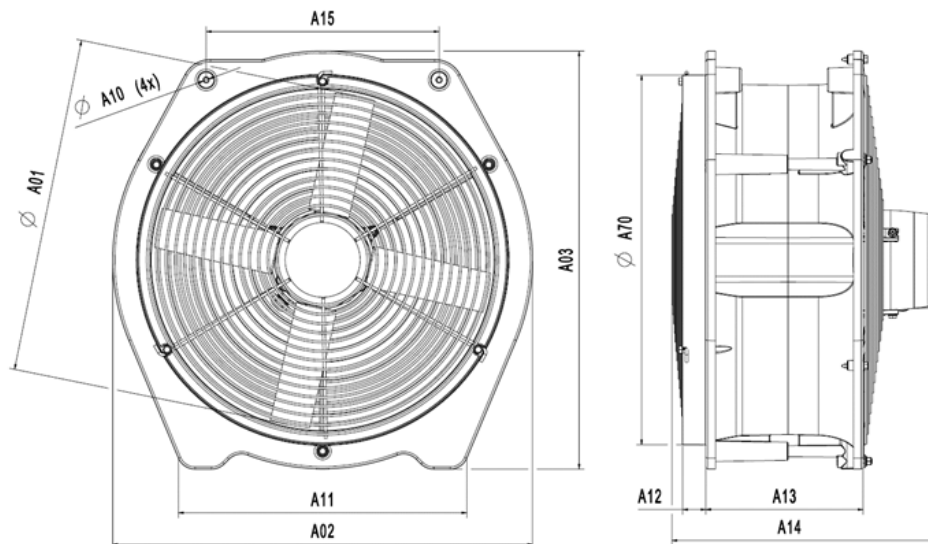
| Article       | ø (cm) | Power supply |       |    | (n)<br>RPM | P <sub>in</sub> (W) | I <sub>nom</sub> (A)<br>Y | Q <sub>v</sub> (m³/h) | Throw<br>(m)* | SFP @0Pa<br>(W/1000m³/h) | dB(A)<br>** | Control options<br>*** |
|---------------|--------|--------------|-------|----|------------|---------------------|---------------------------|-----------------------|---------------|--------------------------|-------------|------------------------|
|               |        | ~            | V (Y) | Hz |            |                     |                           |                       |               |                          |             |                        |
| T6D45AAM80100 | 45     | 3            | 400   | 50 | 975        | 110                 | 0,5                       | 5.000                 | 45            | 22,6                     | 47          | T                      |
| T4D45BAM80100 | 45     | 3            | 400   | 50 | 1.460      | 230                 | 0,8                       | 6.950                 | 60            | 33,0                     | 54          | T                      |
| T4D45CAM80100 | 45     | 3            | 400   | 50 | 1.425      | 370                 | 0,9                       | 8.750                 | 65            | 42,6                     | 54          | T                      |
| T4D45DAM80100 | 45     | 3            | 400   | 50 | 1.415      | 450                 | 1,1                       | 9.250                 | 69            | 48,6                     | 55          | -                      |
| T6D45KAM80100 | 45     | 3            | 460   | 60 | 1.175      | 130                 | 0,5                       | 5.200                 | 45            | 24,6                     | 49          | T                      |
| T4D45LAM80100 | 45     | 3            | 460   | 60 | 1.755      | 270                 | 0,7                       | 7.250                 | 60            | 37,3                     | 58          | T                      |
| T4D45MAM80100 | 45     | 3            | 460   | 60 | 1.720      | 410                 | 0,8                       | 8.850                 | 65            | 45,7                     | 59          | T                      |

\* Recommended throw based on field tests without wire guard.

\*\* Sound pressure level calculated at 7 meter free blowing distance.

\*\*\* Controllable by Transformer (T), Frequency Controllable (F), Controllable by Triac (E)

## Dimensions (mm)



| ø (cm) | A01 | A02 | A03 | A10 | A11 | A12 | A13 | A14 | A15 | A70 |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 45     | 472 | 586 | 586 | 6,5 | 403 | 32  | 220 | 368 | 326 | 520 |



## More than 65 years of experience

The 'Venlo Greenhouse' is perhaps the most famous type of greenhouse worldwide. So it is hardly a coincidence that we have been active in the horticultural sector since the early years

of Vostermans Ventilation. As a result, we have gained a lot of knowledge with which we can support you in finding the right ventilation solution for your business.



## Service

As a family business, building long-term relationships with our customers is important to us. That is why we attach great importance to helping our customers quickly and effectively when a problem arises. Do you have a question or need support? Please contact our Customer Service Team using the contact details below.

### 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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