VANE AXIAL FAN

DIRECT DRIVEN
**Series TDA-V**

**Features**
For commercial and industrial applications where large volumes of air are required at moderate to high pressure, special designed integral straightening vanes, reduced turbulence, provide high performance and low sound level.

**Construction**
Double flanged casing is produced in mild steel or galvanised steel, the impeller having manually adjustable pitch aerofoil blades is made of PPG, PAG or Aluminium.

**Finish**
Available in standard finishes of galvanisation or painting.

**Operating Temperature**
-20°C to +55°C

**Motors**
Totally enclosed Class ‘F’ motor, to a min. IP54 protection are fitted as standard. Standard motor up to 2.2kW are usually supplied on DOL starting, motor 3.0kW and above are star/delta starting.

**Airflow Direction**
Air flowing from impeller to motor is fitted as standard.

MODEL: TDA 315-V / 12AA / 5-5 / /

- **Motor no. of pole:** 2 or 4
- **Motor Power kW:**
- **Airflow direction:** B
- **Blade angle:** 20°, 22°, 24°, 26°, 28°, 30°, 32°, 34°, 36°, 38°, 40°, 42°, 44°

* All Dimension in mm
- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).
- Power ratings (kW) does not include transmission losses.
- The A-weighted sound ratings shown have been calculated per AMCA Standard 301. Values shown are for inlet Lw(A) sound power level for installation type D - ducted inlet, ducted outlet, rating include the effect of duct end correction.
- The AMCA Certified Ratings applies to air performance only. dBA levels are not licensed by AMCA international.
- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).
- Power ratings (kW) does not include transmission losses.
- The A-weighted sound ratings shown have been calculated per AMCA Standard 301. Values shown are for inlet Lw(A) sound power level for installation type D - ducted inlet, ducted outlet. rating include the effect of duct end correction.
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- Power ratings (kW) does not include transmission losses.

- The A-weighted sound ratings shown have been calculated per AMCA Standard 301. Values shown are for inlet Lw(A) sound power level for installation type D - ducted inlet, ducted outlet, rating include the effect of duct end correction.

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**Series TDA-V**

**Features**
For commercial and industrial applications where large volumes of air are required at moderate to high pressure, special designed integral straightening vanes, reduced turbulence, provide high performance and low sound level.

**Construction**
Double flanged casing is produced in mild steel or galvanised steel, the impeller having manually adjustable pitch aerofoil blades is made of PPG, PAG or Aluminium.

**Finish**
Available in standard finishes of galvanisation or painting.

**Operating Temperature**
-20°C to +55°C

**Motors**
Totally enclosed Class ‘F’ motor, to a min. IP54 protection are fitted as standard. Standard motor up to 2.2kW are usually supplied on DOL starting, motor 3.0kW and above are star/delta starting.

**Airflow Direction**
Air flowing from impeller to motor is fitted as standard.

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**Model: TDA 355-V / 12AA / 5-5 / 355**

- Motor no. of pole – 2 or 4
- Motor Power kW
- Airflow direction – B
- Blade angle - 24°, 26°, 28°, 30°, 32°, 34°, 36°, 38°, 40°, 42°, 44°

* All Dimension in mm
TDA 355-V / 12AA/ 5-5/ _ _ / _
1450rpm - 50Hz

- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).
- Power ratings (kW) does not include transmission losses.
- The A-weighted sound ratings shown have been calculated per AMCA Standard 301. Values shown are for inlet Lw(A) sound power level for installation type D - ducted inlet, ducted outlet, rating include the effect of duct end correction.
Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).

Power ratings (kW) does not include transmission losses.

The A-weighted sound ratings shown have been calculated per AMCA Standard 301. Values shown are for inlet Lw(A) sound power level for installation type D - ducted inlet, ducted outlet, rating include the effect of duct end correction.

The AMCA Certified Ratings Seal applies to air performance only. dBA levels are not licensed by AMCA international.
- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).
- Power ratings (kW) does not include transmission losses.
- The A-weighted sound ratings shown have been calculated per AMCA Standard 301. Values shown are for inlet Lw(A) sound power level for installation type D - ducted inlet, ducted outlet, rating include the effect of duct end correction.
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TDA 355-V / 12AA/ 5-5/ _ _ / _
1750rpm - 60Hz
Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).

Power ratings (kW) does not include transmission losses.

The A-weighted sound ratings shown have been calculated per AMCA Standard 301. Values shown are for inlet Lw(A) sound power level for installation type D - ducted inlet, ducted outlet. Rating include the effect of duct end correction.
**Series TDA-V**

**Features**
For commercial and industrial applications where large volumes of air are required at moderate to high pressure, special designed integral straightening vanes, reduced turbulence, provide high performance and low sound level.

**Construction**
Double flanged casing is produced in mild steel or galvanised Steel, the impeller having manually adjustable pitch aerofoil blades is made of PPG, PAG or pressure-casted Aluminium.

**Finish**
Available in standard finishes of galvanisation or painting.

**Operating Temperature**
-20°C to +55°C

**Motors**
Totally enclosed Class ‘F’ motor, to a min. IP54 protection are fitted as standard. Standard motor up to 2.2kW are usually supplied on DOL starting, motor 3.0kW and above are star/delta starting.

**Airflow Direction**
Air flowing from impeller to motor is fitted as standard.

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**MODEL: TDA 400-V / 12AA / 5-5 / _/_**

- Motor no. of pole – 2, 4 or 6
- Motor Power kW
- Airflow direction – B
- Blade angle - 18°, 20°, 22°, 24°, 26°, 28°, 30°, 32°, 34°, 36°, 38°, 40°, 42°

* All Dimension in mm
- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).
- Power ratings (KW) does not include transmission losses.
- The A-weighted sound ratings shown have been calculated per AMCA Standard 301. Values shown are for inlet Lwi(A) sound power level for installation type D - ducted inlet, ducted outlet, rating include the effect of duct end correction.
- The AMCA Certified Ratings Seal applies to air performance only. dBA levels are not licensed by AMCA international.
- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).
- Power ratings (KW) does not include transmission losses.
- The A-weighted sound ratings shown have been calculated per AMCA Standard 301. Values shown are for inlet Lwi(A) sound power level for installation type D - ducted inlet, ducted outlet, rating inclusive the effect of duct end correction.
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Power ratings (KW) does not include transmission losses.

The A-weighted sound ratings shown have been calculated per AMCA Standard 301. Values shown are for inlet Lwi(A) sound power level for installation type D - ducted inlet, ducted outlet, rating include the effect of duct end correction.

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Power ratings (KW) does not include transmission losses.

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Series **TDA-V**

**Features**
For commercial and industrial applications where large volumes of air are required at moderate to high pressure, special designed integral straightening vanes, reduced turbulence, provide high performance and low sound level.

**Construction**
Double flanged casing is produced in mild steel or galvanised steel, the impeller having manually adjustable pitch aerofoil blades is made of PPG, PAG or pressure-casted aluminium.

**Finish**
Available in standard finishes of galvanisation or painting.

**Operating Temperature**
-20°C to +55°C

**Motors**
Totally enclosed Class ‘F’ motor, to a min. IP54 protection are fitted as standard. Standard motor up to 2.2kW are usually supplied on DOL starting, motor 3.0kW and above are star/delta starting.

**Airflow Direction**
Air flowing from impeller to motor is fitted as standard.

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**MODEL: TDA 450-V / 12AA / 5-5 / */*/**

- Motor no. of pole – 2, 4 or 6
- Motor Power kW
- Airflow direction – B
- Blade angle - 16°, 18°, 20°, 22°, 24°, 26°, 28°, 30°, 32°, 34°, 36°, 38°

* All Dimension in mm

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Kruvent Industries (M) Sdn. Bhd
*Kruger Ventilation Industries Asia Co., Ltd
*Guangzhou Kruger Ventilation Co., Ltd
*Kruger Ventilation (Taiwan) Co., Ltd
*Kruger Ventilation Industries (India) Pvt. Ltd
*Kruger Ventilation Industries (North India) Pvt. Ltd
*Kruger Ventilation Industries (Thailand) Co., Ltd
*Kruger Ventilation Industries (Vietnam) Co., Ltd
*Shanghai Kruger Ventilation Co., Ltd
*Wuhan Kruger Ventilation Co., Ltd

*Kruger Ventilation (Taiwan) Co., Ltd
*Kruger Ventilation Industries Asia Co., Ltd
*Guangzhou Kruger Ventilation Co., Ltd
*Kruger Ventilation (Taiwan) Co., Ltd
*Kruger Ventilation Industries (India) Pvt. Ltd
*Kruger Ventilation Industries (North India) Pvt. Ltd
*Kruger Ventilation Industries (Thailand) Co., Ltd
*Kruger Ventilation Industries (Vietnam) Co., Ltd
*Shanghai Kruger Ventilation Co., Ltd
*Wuhan Kruger Ventilation Co., Ltd

* Kruger* certifies that the TDA 450-V shown herein is licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA publication 211 and comply with the requirements of the AMCA Certified Ratings Program.

*Kruger Ventilation Industries Asia Co., Ltd
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*Shanghai Kruger Ventilation Co., Ltd
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- Power ratings (kW) does not include transmission losses.
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- dBA levels are not licensed by AMCA International. The AMCA Certified Ratings Seal applies to air performance only.
- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).
- Power ratings (kW) does not include transmission losses.
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TDA 450-V / 12AA/ 5-5/ _ _ / _
3450rpm - 60Hz
**Series TDA-V**

**Features**
For commercial and industrial applications where large volumes of air are required at moderate to high pressure, special designed integral straightening vanes, reduced turbulence, provide high performance and low sound level.

**Construction**
Double flanged casing is produced in mild steel or galvanised Steel, the impeller having manually adjustable pitch aerofoil blades is made of PPG, PAG or pressure-casted Aluminium.

**Finish**
Available in standard finishes of galvanisation or painting.

**Operating Temperature**
-20°C to +55°C

**Motors**
Totally enclosed Class ‘F’ motor, to a min. IP54 protection are fitted as standard. Standard motor up to 2.2kW are usually supplied on DOL starting, motor 3.0kW and above are star/delta starting.

**Airflow Direction**
Air flowing from impeller to motor is fitted as standard.

**Model: TDA 500-V / 12AA / 9-9 / */**
- Motor no. of pole – 2, 4 or 6
- Motor Power kW
- Airflow direction – B
- Blade angle - 14°, 16°, 18°, 20°, 22°, 24°, 26°, 28°, 30°, 32°, 34°

* All Dimension in mm

* Kruger* certifies that the TDA 500-V shown herein is licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA publication 211 and comply with the requirements of the AMCA Certified Ratings Program.

* Kruger Ventilation Industries Asia Co., Ltd
* Guangzhou Kruger Ventilation Co., Ltd
* Kruger Ventilation (Taiwan) Co., Ltd
* Kruger Ventilation Industries (Vietnam) Co., Ltd
* Kruger Ventilation Industries (India) Pvt. Ltd
* Kruger Ventilation Industries (North India) Pvt. Ltd
* Kruger Ventilation Industries (Thailand) Co., Ltd
* Kruvent Industries (M) Sdn. Bhd
* P.T. Kruger Ventilation Indonesia
* Shanghai Kruger Ventilation Co., Ltd
* Wuhan Kruger Ventilation Co., Ltd

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* Kruger Ventilation Industries (Vietnam) Co., Ltd
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* Wuhan Kruger Ventilation Co., Ltd
- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).

- Power ratings (kW) does not include transmission losses.

- The A-weighted sound ratings shown have been calculated per AMCA Standard 301. Values shown are for inlet Lw(A) sound power level for installation type D - ducted inlet, ducted outlet. Rating include the effect of duct end correction.

- The AMCA Certified Ratings Seal applies to air performance only. dBA levels are not licensed by AMCA international.
**TDA 500-V / 12AA/ 9-9/ _ _ / _**

1450rpm - 50Hz

- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).
- Power ratings (kW) does not include transmission losses.
- The A-weighted sound ratings shown have been calculated per AMCA Standard 301. Values shown are for inlet Lw(A) sound power level for installation type D - ducted inlet, ducted outlet, rating include the effect of duct end correction.
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- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).
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Series TDA-V

Features
For commercial and industrial applications where large volumes of air are required at moderate to high pressure, special designed integral straightening vanes, reduced turbulence, provide high performance and low sound level.

Construction
Double flanged casing is produced in mild steel or galvanised Steel, the impeller having manually adjustable pitch aerofoil blades is made of PPG, PAG or pressure-casted Aluminium.

Finish
Available in standard finishes of galvanisation or painting.

Operating Temperature
-20°C to +55°C

Motors
Totally enclosed Class ‘F’ motor, to a min. IP54 protection are fitted as standard. Standard motor up to 2.2kW are usually supplied on DOL starting, motor 3.0kW and above are star/delta starting.

Airflow Direction
Air flowing from impeller to motor is fitted as standard.

MODEL: TDA 560-V / 12AA / 9-9 /__/_

Motor no. of pole – 2, 4 or 6
Motor Power kW
Airflow direction – B
Blade angle - 12°, 14°, 16°, 18°, 20°, 22°, 24°, 26°, 28°, 30°, 32°

* All Dimension in mm
Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).

Power ratings (kW) does not include transmission losses.

The A-weighted sound ratings shown have been calculated per AMCA Standard 301. Values shown are for inlet Lw(A) sound power level for installation type D - ducted inlet, ducted outlet. Rating include the effect of duct end correction.

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Series **TDA-V**

**Features**

For commercial and industrial applications where large volumes of air are required at moderate to high pressure, special designed integral straightening vanes, reduced turbulence, provide high performance and low sound level.

**Construction**

Double flanged casing is produced in mild steel or galvanised Steel, the impeller having manually adjustable pitch aerofoil blades is made of PPG, PAG or pressure-casted Aluminium.

**Finish**

Available in standard finishes of galvanisation or painting.

**Operating Temperature**

-20°C to +55°C

**Motors**

Totally enclosed Class ‘F’ motor, to a min. IP54 protection are fitted as standard. Standard motor up to 2.2kW are usually supplied on DOL starting, motor 3.0kW and above are star/delta starting.

**Airflow Direction**

Air flowing from impeller to motor is fitted as standard.

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**MODEL: TDA 630-V / 12AA / 12-12 / __/__**

- Motor no. of pole – 4 or 6
- Motor Power kW
- Airflow direction – B
- Blade angle – 8°, 10°, 12°, 14°, 16°, 18°, 20°, 22°, 24°, 26°, 28°, 30°, 32°, 34°, 36°, 38°, 40°

* All Dimension in mm

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Kruvent Industries (M) Sdn. Bhd

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* Kruger Ventilation Industries Asia Co., Ltd
* Kruger Ventilation (Taiwan) Co., Ltd
* Kruger Ventilation Industries (Vietnam) Co., Ltd
* Kruger Ventilation Industries (India) Pvt. Ltd
* Kruger Ventilation Industries (North India) Pvt. Ltd
* Kruger Ventilation Industries (Thailand) Co., Ltd
* Kouver Industries (M) Sdn. Bhd
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Series TDA-V

Features
For commercial and industrial applications where large volumes of air are required at moderate to high pressure, special designed integral straightening vanes, reduced turbulence, provide high performance and low sound level.

Construction
Double flanged casing is produced in mild steel or galvanised Steel, the impeller having manually adjustable pitch aerofoil blades is made of PPG, PAG or pressure-cast Alumium.

Finish
Available in standard finishes of galvanisation or painting.

Operating Temperature
-20°C to +55°C

Motors
Totally enclosed Class 'F' motor, to a min. IP54 protection are fitted as standard. Standard motor up to 2.2kW are usually supplied on DOL starting, motor 3.0kW and above are star/delta starting.

Airflow Direction
Air flowing from impeller to motor is fitted as standard.

MODEL: TDA 710-V / 14AA / 12-12 /__/_

Motor no. of pole – 4 or 6
Motor Power kW
Airflow direction – B
Blade angle - 16°, 18°, 20°, 22°, 24°, 26°, 28°, 30°, 32°, 34°, 36°, 38°, 40°

* All Dimension in mm
- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).
- Power ratings (kW) does not include transmission losses.
- The A-weighted sound ratings shown have been calculated per AMCA Standard 301. Values shown are for inlet Lw(A) sound power level for installation type D - ducted inlet, ducted outlet, rating include the effect of duct end correction.
- The AMCA Certified Ratings Seal applies to air performance only. dBA levels are not licensed by AMCA international.
Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).

Power ratings (kW) does not include transmission losses.

The A-weighted sound ratings shown have been calculated per AMCA Standard 301. Values shown are for inlet Lw(A) sound power level for installation type D - ducted inlet, ducted outlet, rating include the effect of duct end correction.

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Series TDA-V

Features
For commercial and industrial applications where large volumes of air are required at moderate to high pressure, special designed integral straightening vanes, reduced turbulence, provide high performance and low sound level.

Construction
Double flanged casing is produced in mild steel or galvanised Steel, the impeller having manually adjustable pitch aerofoil blades is made of PPG, PAG or pressure-casted Aluminium.

Finish
Available in standard finishes of galvanisation or painting.

Operating Temperature
-20°C to +55°C

Motors
Totally enclosed Class 'F' motor, to a min. IP54 protection are fitted as standard. Standard motor up to 2.2kW are usually supplied on DOL starting, motor 3.0kW and above are star/delta starting.

Airflow Direction
Air flowing from impeller to motor is fitted as standard.
- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).
- Power ratings (kW) does not include transmission losses.
- The A-weighted sound ratings shown have been calculated per AMCA Standard 301. Values shown are for inlet Lw(A) sound power level for installation type D - ducted inlet, ducted outlet. rating include the effect of duct end correction.
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Series TDA-V

Features
For commercial and industrial applications where large volumes of air are required at moderate to high pressure, special designed integral straightening vanes, reduced turbulence, provide high performance and low sound level.

Construction
Double flanged casing is produced in mild steel or galvanised Steel, the impeller having manually adjustable pitch aerofoil blades is made of PPG, PAG or pressure-casted Aluminium.

Finish
Available in standard finishes of galvanisation or painting.

Operating Temperature
-20°C to +55°C

Motors
Totally enclosed Class ‘F’ motor, to a min. IP54 protection are fitted as standard. Standard motor up to 2.2kW are usually supplied on DOL starting, motor 3.0kW and above are star/delta starting.

Airflow Direction
Air flowing from impeller to motor is fitted as standard.

MODEL: TDA 900-V / 14AA / 12-12 /__/_

18° x Ø12

Motor no. of pole – 4 or 6
Motor Power kW
Airflow direction – B
Blade angle - 10°, 12°, 14°, 16°, 18°, 20°, 22°, 24°, 26°, 28°, 30°, 32°

* All Dimension in mm
- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).
- Power ratings (kW) does not include transmission losses.
- The A-weighted sound ratings shown have been calculated per AMCA Standard 301. Values shown are for inlet Lw(A) sound power level for installation type D - ducted inlet, ducted outlet, rating include the effect of duct end correction.
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Power ratings (kW) does not include transmission losses.

The A-weighted sound ratings shown have been calculated per AMCA Standard 301. Values shown are for inlet Lw(A) sound power level for installation type D - ducted inlet, ducted outlet. rating include the effect of duct end correction.

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- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).
- Power ratings (kW) does not include transmission losses.
- The A-weighted sound ratings shown have been calculated per AMCA Standard 301. Values shown are for inlet Lw(A) sound power level for installation type D - ducted inlet, ducted outlet, rating include the effect of duct end correction.
- The AMCA Certified Ratings Seal applies to air performance only. dBA levels are not licensed by AMCA international.
**Series TDA-V**

**Features**
For commercial and industrial applications where large volumes of air are required at moderate to high pressure, special designed integral straightening vanes, reduced turbulence, provide high performance and low sound level.

**Construction**
Double flanged casing is produced in mild steel or galvanised Steel, the impeller having manually adjustable pitch aerofoil blades is made of PPG, PAG or pressure-casted Aluminium.

**Finish**
Available in standard finishes of galvanisation or painting.

**Operating Temperature**
-20°C to +55°C

**Motors**
Totally enclosed Class ‘F’ motor, to a min. IP54 protection are fitted as standard. Standard motor up to 2.2kW are usually supplied on DOL starting, motor 3.0kW and above are star/delta starting.

**Airflow Direction**
Air flowing from impeller to motor is fitted as standard.

**MODEL: TDA 1000-V / 14AA / 12-12 / __ / __**
- Motor no. of pole – 4, 6 or 8
- Motor Power kW
- Airflow direction – B
- Blade angle - 4°, 6°, 8°, 10°, 12°, 14°, 16°, 18°, 20°, 22°, 24°, 26°, 28°

* All Dimension in mm

Kruger* certifies that the TDA 1000-V shown herein is licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA publication 211 and comply with the requirements of the AMCA Certified Ratings Program.

*Kruger Ventilation Industries Asia Co., Ltd
*Guangzhou Kruger Ventilation Co., Ltd
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*Kruger Ventilation Industries (India) Pvt. Ltd
*Kruger Ventilation Industries (North India) Pvt. Ltd
*Kruger Ventilation Industries (Thailand) Co., Ltd
*Kruvent Industries (M) Sdn. Bhd
*P.T. Kruger Ventilation Indonesia
*Shanghai Kruger Ventilation Co., Ltd
*Wuhan Kruger Ventilation Co., Ltd

* Kruger Ventilation Industries (Vietnam) Co., Ltd
* Kruger Ventilation Industries (India) Pvt. Ltd
* Kruger Ventilation Industries (North India) Pvt. Ltd
* Kruger Ventilation Industries (Thailand) Co., Ltd
* Kruvent Industries (M) Sdn. Bhd
* P.T. Kruger Ventilation Indonesia
* Shanghai Kruger Ventilation Co., Ltd
* Wuhan Kruger Ventilation Co., Ltd
- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).
- Power rating (kW) does not include transmission losses.
- The A-weighted sound ratings shown have been calculated per AMCA Standard 301. Values shown are for inlet Lw(A) sound power level for installation type D - ducted inlet, ducted outlet. Rating include the effect of duct end correction.
- The AMCA Certified Ratings Seal applies to air performance only. dBA levels are not licensed by AMCA international.
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- Power ratings (kW) does not include transmission losses.

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- The AMCA Certified Ratings Seal applies to air performance only. dBA levels are not licensed by AMCA international.
Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).

Power ratings (kW) does not include transmission losses.

The A-weighted sound ratings shown have been calculated per AMCA Standard 301. Values shown are for inlet Lw(A) sound power level for installation type D - ducted inlet, ducted outlet, rating include the effect of duct end correction.

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Series TDA-V

Features
For commercial and industrial applications where large volumes of air are required at moderate to high pressure, special designed integral straightening vanes, reduced turbulence, provide high performance and low sound level.

Construction
Double flanged casing is produced in mild steel or galvanised Steel, the impeller having manually adjustable pitch aerofoil blades is made of PPG, PAG or pressure-casted Aluminium.

Finish
Available in standard finishes of galvanisation or painting.

Operating Temperature
-20°C to +55°C

Motors
Totally enclosed Class ‘F’ motor, to a min. IP54 protection are fitted as standard. Standard motor up to 2.2kW are usually supplied on DOL starting, motor 3.0kW and above are star/delta starting.

Airflow Direction
Air flowing from impeller to motor is fitted as standard.

MODEL: TDA 1120-V / 14AA / 12-12 / / /

Motor no. of pole – 4, 6 or 8
Motor Power kW
Airflow direction – B
Blade angle - 0°, 2°, 4°, 6°, 8°, 10°, 12°, 14°, 16°, 18°, 20°, 22°, 24°, 26°

24° x Ø12

* All Dimension in mm
Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).

Power ratings (kW) do not include transmission losses.

The A-weighted sound ratings shown have been calculated per AMCA Standard 301. Values shown are for inlet Lw(A) sound power level for installation type D - ducted inlet, ducted outlet, rating include the effect of duct end correction.

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- The AMCA Certified Ratings Seal applies to air performance only. dBA levels are not licensed by AMCA international.
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