TDD Series
DIRECT DRIVE VANE AXIAL FAN

[Image of TDD Series fans]
Direct Drive Vane Axial Fan – TDD Series

Feature
For commercial and industrial application where large volume of air is required at moderate to high pressure. Specially designed integral straightening vanes reduce turbulence and provide high efficiency and low sound level.

Construction
Double flanged casing is produced in mild steel or galvanized steel. The impeller blades are made of Aluminum Alloy.

Finish
Painting or galvanized finishing are available for all parts.

Operating Temperature
-20°C to +55°C

Motors
Totally Enclosed Class 'F' or 'H', with a min. IP55 protection are fitted as standard. Motors 3.0kW and above are star/delta starting. Motor of other specification are available upon request.

Airflow Direction
Air flow from impeller to motor is standard. Air flow from motor to impeller can be supplier upon request.

Nomenclature

<table>
<thead>
<tr>
<th>TDD 450 / D09 / G / 5-5V / 15° / N20</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fan Design– N=Normal mode e.g. N20, N40, N80 etc. (Numerical value represents fan operating temperature)</td>
</tr>
<tr>
<td>Blade Angle</td>
</tr>
<tr>
<td>Blade Number – Vane number</td>
</tr>
<tr>
<td>Hub Ratio</td>
</tr>
<tr>
<td>Blade Type</td>
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<tr>
<td>Nominal Fan Diameter</td>
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<tr>
<td>Fan Model</td>
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</tbody>
</table>

Kruvent Industries (M) Sdn Bhd certifies that the TDD series 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 AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.
### Dimension

#### Direct Drive Vane Axial Fan – TDD Series

<table>
<thead>
<tr>
<th>Model</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>N'</th>
<th>Ø</th>
<th>Weight* (kg)</th>
<th>Max. Motor Frame Size**</th>
</tr>
</thead>
<tbody>
<tr>
<td>450</td>
<td>450</td>
<td>490</td>
<td>530</td>
<td>450</td>
<td>10</td>
<td>12</td>
<td>17</td>
<td>D80</td>
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<td>675</td>
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<td>710</td>
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<td>1558</td>
<td>14</td>
<td>32</td>
<td>730</td>
<td>D355</td>
</tr>
</tbody>
</table>

*Weight without motor and impeller.

**Please consult KRUGER if motor frame size is beyond the catalogue range.

All Dimension in mm.
Air Density : 1.2 kg/m³
Hub diameter 180 mm.
FEG 80
LwA in dB(A)

- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).
- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lw(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.
- Please consult KRUGER for fan selection at this range.
- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).

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

- Please consult KRUGER for fan selection at this range.
TDD450 / D09 / G / 5-5V
1750 rpm - 60 Hz

- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).
- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lwi(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.
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- Please consult KRUGER for fan selection at this range.

Air Density : 1.2 kg/m³
Hub diameter 180 mm.
- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).

- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Leq(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

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- Please consult KRUGER for fan selection at this range.
TDD500 / D10 / G / 5-5V
1450 rpm - 50 Hz

- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).
- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lw(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.
- Please consult KRUGER for fan selection at this range.
TDD500 / D10 / G / 5-5V

950 rpm - 50 Hz

- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).
- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lwi(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.
- Please consult KRUGER for fan selection at this range.
Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).

Please consult KRUGER for fan selection at this range.

- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Le(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

Air Density : 1.2 kg/m³
Hub diameter 200 mm.

FEG 75
LwA in dB(A)

Hub diameter 200 mm.
- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).

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

- Please consult KRUGER for fan selection at this range.
Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).

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

Please consult KRUGER for fan selection at this range.
Air Density: 1.2 kg/m³
Hub diameter 200 mm.

- 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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- Please consult KRUGER for fan selection at this range.
TDD560 / D11 / G / 5-5V
1450 rpm - 50 Hz

- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).
- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lw(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.
**TDD560 / D11 / G / 5-5V**

950 rpm - 50 Hz

- **Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).**
- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lw(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects 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).

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Please consult KRUGER for fan selection at this range.
- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).

- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Le(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.
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The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lw(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.
TDD560 / D11 / G / 7-5V
875 rpm - 60 Hz

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

- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Le(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.
TDD630 / D12 / G / 5-5V
1450 rpm - 50 Hz

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

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

- Please consult KRUGER for fan selection at this range.
TDD630 / D12 / G / 5-5V
950 rpm - 50 Hz

- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).
- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lw1(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects 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).
- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lwi(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.
- Please consult KRUGER for fan selection at this range.
- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).
- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lw(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.
- Please consult KRUGER for fan selection at this range.
TDD630 / D12 / G / 5-5V
875 rpm - 60 Hz

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

- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Ln(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

Air Density : 1.2 kg/m³
Hub diameter 250 mm.

FEG 75
LwA in dB(A)
TDD630 / D12 / G / 7-5V
1450 rpm - 50 Hz

- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).
- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lwi(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.
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TDD710 / D14 / G / 3-5V
1750 rpm - 60 Hz

- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).
- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lw(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.
**TDD710 / D14 / G / 3-5V**

**1150 rpm - 60 Hz**

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

- **The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Le(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.**

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**Air Density:** 1.2 kg/m³  
**Hub diameter:** 280 mm.
TDD710 / D14 / G / 3-5V
875 rpm - 60 Hz

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

- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lw(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.
TDD710 / D14 / G / 5-5V
1450 rpm - 50 Hz

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

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

Air Density : 1.2 kg/m³
Hub diameter 280 mm.

FEG 75
LwA in dB(A)
TDD710 / D14 / G / 5-5V
950 rpm - 50 Hz

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

*The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lw(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.*
TDD710 / D14 / G / 5-5V
725 rpm - 50 Hz

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

- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lwi(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.
TDD710 / D14 / G / 5-5V
1150 rpm - 60 Hz

- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).
- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lwi(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

Air Density: 1.2 kg/m³
Hub diameter 280 mm.

FEG 75
LwA in dB(A)

Q (m³/s)
0.0 1.0 2.0 3.0 4.0 5.0 6.0 7.0 8.0

Vout (m/s)
0 2 4 6 8 10 12 14 16 18 20

Total Pressure (Pa)
0 50 100 150 200 250 300 350

Absorbed Power (kW)
0.0 0.5 1.0 1.5 2.0 2.5 3.0 3.5

Total Efficiency (%) 0 20 40 60 80 100

- Velocity Pressure (Pa)
- 85°
- 89°
- 90°
Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).

The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lwi(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.
TDD710 / D14 / G / 7-5V
1450 rpm - 50 Hz

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

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

Air Density : 1.2 kg/m³
Hub diameter 280 mm.

FEG 75
LwA in dB(A)
- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).
- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Leq(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.
TDD710 / D14 / G / 7-5V
725 rpm - 50 Hz

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

- The A-weighted sound ratings shown have been calculated per AMCA International Standard 201. Values shown are for inlet Lwi(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.
TDD710 / D14 / G / 7-5V
1150 rpm - 60 Hz

- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).
- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lw(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

Air Density: 1.2 kg/m³
Hub diameter 280 mm.
FEG 75
LwA in dB(A)
TDD710 / D14 / G / 7-5V
875 rpm - 60 Hz

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Hub diameter 280 mm.

- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).
- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lwi(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects 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).

- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lwi(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects 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).

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

Air Density : 1.2 kg/m³
Hub diameter 280 mm.
Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).

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

Air Density : 1.2 kg/m³
Hub diameter 280 mm.

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- Total Pressure (Pa)
- Absorbed Power (kW)
- Total Efficiency (%)
- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).

- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet LwI(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.
TDD800 / D16 / G / 3-5V
1450 rpm - 50 Hz

- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).
- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lwi(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.
- Please consult KRUGER for fan selection at this range.

Air Density: 1.2 kg/m³
Hub diameter 315 mm.
FEG 71
LwA in dB(A)

Velocity Pressure (Pa)

Absorbed Power (kW)

Total Efficiency (%)
- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).

- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lw(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects 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).

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

- Please consult KRUGER for fan selection at this range.

Hub diameter 315 mm.

Air Density : 1.2 kg/m³

LwA in dB(A)

FEG 71
- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).
- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lwi(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.
- Please consult KRUGER for fan selection at this range.
- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).

- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet LwA sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

Air Density: 1.2 kg/m³
Hub diameter: 315 mm.

LwA in dB(A)
- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).
- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Le(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.
- Please consult KRUGER for fan selection at this range.
- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).

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

- Please consult KRUGER for fan selection at this range.
Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).

The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lwi(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects 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).
- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lw(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.
- Please consult KRUGER for fan selection at this range.
- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).
- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lwi(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.
- Please consult KRUGER for fan selection at this range.

Air Density : 1.2 kg/m³
Hub diameter 315 mm.

Velocity Pressure (Pa)

Absorbed Power (kW)

Total Efficiency (%)
TDD800 / D16 / G / 7-5V
1450 rpm - 50 Hz

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

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

- Please consult KRUGER for fan selection at this range.
TDD800 / D16 / G / 7-5V
950 rpm - 50 Hz

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

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

- Please consult KRUGER for fan selection at this range.
- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).

- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lw(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects 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).

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

- Please consult KRUGER for fan selection at this range.
TDD800 / D16 / G / 7-5V
875 rpm - 60 Hz

- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).
- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lwi(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct and correction.
- Please consult KRUGER for fan selection at this range.

Air Density : 1.2 kg/m³
Hub diameter 315 mm.

LwA in dB(A)

FEG 75

Q (m³/s)

0 2 4 6 8 10 12 14 16

Vout (m/s)

0 2 4 6 8 10 12 14 16

0.0 1.0 2.0 3.0 4.0 5.0 6.0 7.0 8.0 9.0

Q (m³/s)

0 2 4 6 8 10 12 14 16

0.0 1.0 2.0 3.0 4.0 5.0 6.0 7.0 8.0 9.0
- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).

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

- Please consult KRUGER for fan selection at this range.
TDD800 / D16 / G / 9-5V
950 rpm - 50 Hz

- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).
- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lew(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.
- Please consult KRUGER for fan selection at this range.
- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).

- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lw(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects 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).

- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lw1(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

- Please consult KRUGER for fan selection at this range.
TDD800 / D16 / G / 9-5V
875 rpm - 60 Hz

- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).
- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lw(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.
- Please consult KRUGER for fan selection at this range.

Air Density: 1.2 kg/m³
Hub diameter 315 mm.

FEG 71
LwA in dB(A)
TDD900 / D18 / G / 3-5V
1450 rpm - 50 Hz

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

- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet LwL(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.
TDD900 / D18 / G / 3-5V
950 rpm - 50 Hz

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

- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lwi(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects 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).
- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lw(i) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

Air Density : 1.2 kg/m³
Hub diameter 355 mm.

Total Pressure (Pa)

Absorbed Power (kW)

Total Efficiency (%)
- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).

- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lw(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects 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).

- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet LwI(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

Hub diameter 355 mm.
- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Leq(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects 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).

- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Le(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.
TDD900 / D18 / G / 5-5V
1150 rpm - 60 Hz

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

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

Air Density : 1.2 kg/m³
Hub diameter 355 mm.

FEG 75
LwA in dB(A)
- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).
- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lw(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.
TDD900 / D18 / G / 7-5V
950 rpm - 50 Hz

- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).
- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lw(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

Air Density : 1.2 kg/m³
Hub diameter 355 mm.
Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet LwI(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

Air Density : 1.2 kg/m³
Hub diameter 355 mm.

Total Pressure (Pa)

Absorbed Power (kW)

Total Efficiency (%)
- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).

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

Air Density : 1.2 kg/m³
Hub diameter 355 mm.
FEG 75
LwA in dB(A)
TDD900 / D18 / G / 7-5V
875 rpm - 60 Hz

- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).
- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lw(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

Air Density : 1.2 kg/m³
Hub diameter 355 mm.

FEG 75
LwA in dB(A)
- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).

- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lw(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects 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).

The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet LwA sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.
TDD900 / D18 / G / 9-5V
875 rpm - 60 Hz

- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).
- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lw(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

Air Density : 1.2 kg/m³
Hub diameter 355 mm.

Absorbed Power (kW)

Total Efficiency (%)
Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).

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

- Air Density: 1.2 kg/m³
- Hub diameter: 398 mm.
TDD1000 / D20 / G / 3-7V
950 rpm - 50 Hz

- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).
- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet LwI(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

Air Density : 1.2 kg/m³
Hub diameter 398 mm.

FEG 75
LwA in dBA

Absorbed Power (kW)

Total Efficiency (%)
TDD1000 / D20 / G / 3-7V
725 rpm - 50 Hz

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

- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lwi(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.
TDD1000 / D20 / G / 3-7V
1750 rpm - 60 Hz

- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).
- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Le(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

Air Density : 1.2 kg/m³
Hub diameter 398 mm.

FEG 75
LwA in dB(A)
Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).

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

Air Density : 1.2 kg/m³
Hub diameter 398 mm.
Air Density : 1.2 kg/m³
Hub diameter 398 mm.

- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).
- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lwi(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.
Air Density: 1.2 kg/m³
Hub diameter: 398 mm.

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

- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lwi(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects 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).
- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lwi(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.
TDD1000 / D20 / G / 5-7V
725 rpm - 50 Hz

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

- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Le(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.
TDD1000 / D20 / G / 5-7V
1150 rpm - 60 Hz

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

- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lw1(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end connection.

Air Density : 1.2 kg/m³
Hub diameter 398 mm.

Absorbed Power (kW)

Total Efficiency (%)
TDD1000 / D20 / G / 5-7V
875 rpm - 60 Hz

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

- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lwi(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects 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).

- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lw(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects 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).
- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lw(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.
TDD1000 / D20 / G / 7-7V
725 rpm - 50 Hz

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

- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet LwI(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

Air Density : 1.2 kg/m³
Hub diameter 398 mm.

FEG 80
LwA in dB(A)
- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).
- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet LwA sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.
TDD1000 / D20 / G / 7-7V
875 rpm - 60 Hz

- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).
- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lw(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.
TDD1000 / D20 / G / 9-7V
1450 rpm - 50 Hz

- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).
- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lw(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

Air Density: 1.2 kg/m³
Hub diameter: 398 mm.

FEG 80
LwA in dB(A)

Q (m³/s)
Vout (m/s)

Velocity Pressure (Pa):

Total Pressure (Pa):

Absorbed Power (kW):

Total Efficiency (%):
- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).
- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lw(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

Air Density : 1.2 kg/m³
Hub diameter 398 mm.

FEG 80
LwA in dB(A)

Absorbed Power (kW)

Total Efficiency (%)
TDD1000 / D20 / G / 9-7V
725 rpm - 50 Hz

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

The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lw(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.
- Performance certified for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).

- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lwi(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.
TDD1000 / D20 / G / 9-7V
875 rpm - 60 Hz

- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).
- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lw(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

Air Density : 1.2 kg/m³
Hub diameter 398 mm.

FEG 80
LwA in dB(A)
TDD1120 / D22 / G / 3-7V
1450 rpm - 50 Hz

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

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

Air Density : 1.2 kg/m³
Hub diameter 450 mm.
TDD1120 / D22 / G / 3-7V
950 rpm - 50 Hz

- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).
- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lw(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

**Diagram Details:**
- **Air Density:** 1.2 kg/m³
- **Hub diameter:** 450 mm.
- **FEG 75**
- **LwA in dB(A)**

**Graphs:**
1. **Total Pressure (Pa) vs. V (m³/s):**
   - Velocity Pressure (Pa)
   - 15°, 17.5°, 20°, 22.5°, 25°, 27.5°, 30°, 32.5°, 35°

2. **Absorbed Power (kW) vs. V (m³/s):**
   - 0.0, 4.0, 8.0, 12.0, 16.0, 20.0, 24.0

3. **Total Efficiency (%) vs. V (m³/s):**
   - 0, 20, 40, 60, 80, 100

**Notes:**
- Total Pressure (Pa) is plotted against the flow rate (V) for various angles (15° to 35°).
- Absorbed Power (kW) is plotted against the flow rate (V) for various angles (15° to 35°).
- Total Efficiency (%) is plotted against the flow rate (V) for various angles (15° to 35°).

**Legend:**
- Total Pressure (Pa)
- Absorbed Power (kW)
- Total Efficiency (%)
TDD1120 / D22 / G / 3-7V
725 rpm - 50 Hz

- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).
- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lw(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

- Total Pressure (Pa)
- Absorbed Power (kW)
- Total Efficiency (%)
TDD1120 / D22 / G / 3-7V
1150 rpm - 60 Hz

- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).
- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lw(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects 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).

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

Air Density : 1.2 kg/m³
Hub diameter 450 mm.

FEG 75
LwA in dB(A)
TDD1120 / D22 / G / 5-7V
1450 rpm - 50 Hz

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

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

Air Density : 1.2 kg/m³
Hub diameter 450 mm.
FEG 75
LwA in dB(A)
Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).

The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet LwI(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects 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).
- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lwi(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects 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).

- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet LwI(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.
TDD1120 / D22 / G / 7-7V

950 rpm - 50 Hz

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

- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lw(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.
- Performance certified for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).

- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lw(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects 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).
- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lw(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects 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).

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

- Air Density : 1.2 kg/m³
- Hub diameter 450 mm.

TDD1120 / D22 / G / 7-7V
875 rpm - 60 Hz
Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).

- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lw(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.
TDD1120 / D22 / G / 9-7V
725 rpm - 50 Hz

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

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

Air Density : 1.2 kg/m³
Hub diameter 450 mm.

FEG 80
LwA in dBA
- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).

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

Air Density : 1.2 kg/m³

Hub diameter 450 mm.

FEG 80

LwA in dB(A)
Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).

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

Air Density : 1.2 kg/m³
Hub diameter 450 mm.

FEG 80
LwA in dB(A)

**Q (m³/s)**

**Vout (m/s)**

- 4.0
- 8.0
- 12.0
- 16.0
- 20.0
- 24.0
TDD1250 / D25 / G / 3-7V
1450 rpm - 50 Hz

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

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

Air Density: 1.2 kg/m³
Hub diameter 500 mm.
FEG 75
LwA in dB(A)

- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).
**TDD1250 / D25 / G / 3-7V**

950 rpm - 50 Hz

- **Air Density**: 1.2 kg/m³
- **Hub diameter**: 500 mm.

- Performance certified for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).

- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lw(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.
TDD1250 / D25 / G / 3-7V
725 rpm - 50 Hz

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

- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lw1(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

Air Density : 1.2 kg/m³
Hub diameter 500 mm.

FEG 75
Lw1 in dB(A)
TDD1250 / D25 / G / 3-7V
1150 rpm - 60 Hz

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

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

### Diagram Description

- **Total Pressure (Pa)**
  - Curves representing different angles (15°, 17.5°, ..., 35°)
  - Total pressure values at varying Q (m³/s)

- **Absorbed Power (kW)**
  - Curves for different angles showing absorbed power at varying Vout (m/s)

- **Total Efficiency (%)**
  - Curves for different angles showing total efficiency at varying Q (m³/s)

### Additional Information

- **Air Density**: 1.2 kg/m³
- **Hub diameter**: 500 mm.
- **FEG 75**
- **LwA in dB(A)**
Air Density : 1.2 kg/m³
Hub diameter 500 mm.

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

- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lwi(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct and correction.
TDD1250 / D25 / G / 5-7V
950 rpm - 50 Hz

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

- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lw(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.
TDD1250 / D25 / G / 5-7V
725 rpm - 50 Hz

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

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

Air Density: 1.2 kg/m²
Hub diameter 500 mm.
- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).
- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet LwI(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

Air Density : 1.2 kg/m³
Hub diameter 500 mm.
- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).

- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lw(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.
Air Density: 1.2 kg/m³
Hub diameter 500 mm.

FEG 80
LwA in dB(A)

- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).
- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lw(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects 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).

- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Le(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.
TDD1250 / D25 / G / 7-7V
1150 rpm - 60 Hz

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

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

Air Density : 1.2 kg/m³
Hub diameter 500 mm.

- FEG 80
- LwA in dB(A)
- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).

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

Air Density : 1.2 kg/m³
Hub diameter 500 mm.

LwA in dB(A)
Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).

The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lw(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects 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).

The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet LwI(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.
TDD1250 / D25 / G / 9-7V
875 rpm - 60 Hz

- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).
- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lw(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

Air Density : 1.2 kg/m³
Hub diameter 500 mm.

FEG 80
LwA in dB(A)
TDD1400 / D28 / G / 3-7V
950 rpm - 50 Hz

- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).
- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lwi(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects 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).

- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lwi(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects 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).

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

Air Density : 1.2 kg/m³
Hub diameter 560 mm.

FEG 75
LwA in dB(A)
- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).

- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lw(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects 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).

- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lwi(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.
TDD1400 / D28 / G / 5-7V
875 rpm - 60 Hz

- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).
- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lw1(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

Air Density : 1.2 kg/m³
Hub diameter 560 mm.

Velocity Pressure (Pa)

Total Efficiency (%)
- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).

- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Leq(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

Air Density: 1.2 kg/m³
Hub diameter: 560 mm.
- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).
- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lw(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.
TDD1400 / D28 / G / 7-7V
875 rpm - 60 Hz

- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).
- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet LwI(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

Air Density : 1.2 kg/m³
Hub diameter 560 mm.
- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).

- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Le(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.
TDD1600 / D31 / G / 3-7V
725 rpm - 50 Hz

- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).
- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lw(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects 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).

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

**Air Density**: 1.2 kg/m³

**Hub diameter**: 632 mm.

**FEG 75**

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

- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lw(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.
TDD1800 / D35 / G / 3-7V
950 rpm - 50 Hz

- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).
- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lw1(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

Air Density : 1.2 kg/m³
Hub diameter 712 mm.
- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).

- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lwi(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.
TDD1800 / D35 / G / 3-7V
1150 rpm - 60 Hz

- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).
- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lw(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

Air Density: 1.2 kg/m³
Hub diameter: 712 mm.

FEG 75
LwA in dB(A)

Q (m³/s)
Vout (m/s)

Absorbed Power (kW)

Total Pressure (Pa)

Velocity Pressure (Pa)

Total Efficiency (%)
TDD1800 / D35 / G / 3-7V
875 rpm - 60 Hz

- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).
- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lwi(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects 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).

The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lw(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.
TDD1800 / D35 / G / 5-7V
725 rpm - 50 Hz

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

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

Air Density : 1.2 kg/m³
Hub diameter 712 mm.

FEG 75
LwA in dB(A)
TDD1800 / D35 / G / 5-7V
875 rpm - 60 Hz

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

- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lwi(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects 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).

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

Air Density : 1.2 kg/m³
Hub diameter 712 mm.
TDD1800 / D35 / G / 7-7V
725 rpm - 50 Hz

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

- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lw(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.
Air Density: 1.2 kg/m³
Hub diameter 712 mm.

FEG 80
LwA in dB(A)

- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).
- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lw(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.
TDD2000 / D40 / G / 3-7V
950 rpm - 50 Hz

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

- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lw(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.
TDD2000 / D40 / G / 3-7V
725 rpm - 50 Hz

- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).
- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet LwI(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

Air Density : 1.2 kg/m³
Hub diameter 800 mm.

LwA in dB(A)
- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).

- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lwi(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects 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).

* The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lwi(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects 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).

- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lw(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects 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).

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

Air Density : 1.2 kg/m³
Hub diameter 800 mm.

FEG 75
LwA in dB(A)
- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).
- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lw(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects 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).

- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet LwA sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

Air Density: 1.2 kg/m³
Hub diameter 800 mm.
Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).

The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lw(A) sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.
The company is always improving and developing its products, therefore the company reserves the right of making changes to the illustrated products. Certified dimension can be provided upon request.