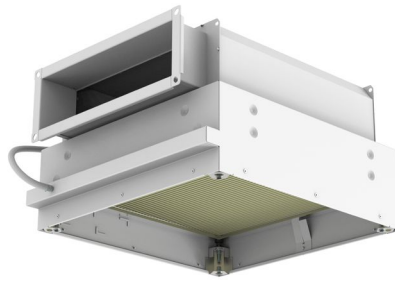


CFC-AGS
Clean Filtering Cassette
Handbook



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Description

CFC-AGS is a cassette used as a terminal device for ventilation with high efficiency particulate filter. It is mainly intended for ventilation of spaces with requirements for high grade of air cleanness like surgery rooms and medical intensive care units, laboratories, industrial clean production sites etc.

CFC-AGS can be used for air supply as well as for air extract.

Highlights

- Adaptability for multiple types of ceiling installation
- Low height profile for ceilings with limited space

List of Accessories

- PP-CFC-A, CAP-CFC-A, ADQ-CFC-A, VVKR-CFC-A, VVKN-CFC-A: Front Diffuser Panels
- APS..., APT..., APG: Adapter Ledges
- CFC-GF-14: HEPA Filter with Gel Gasket

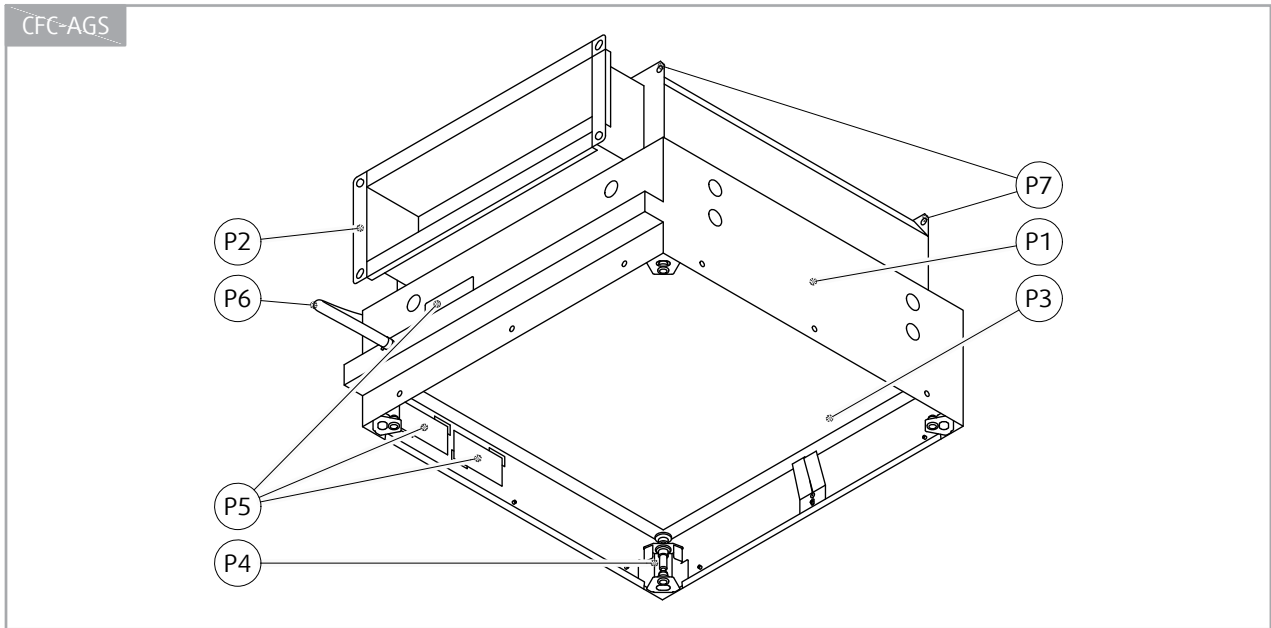
Design

CFC-AGS is made from carbon steel sheet. The casing is spot welded and hermitized by polymer sealant. The duct connection is rectangular with flange. The casing is air-tight on the duct connection side as well as on the room side. The air tightness of the casing is tested under static pressures of up to 600 Pa by the soap bubble method, eventually by the smoke method.

High efficiency filters of the class from E11 up to U18 can be used with CFC-AGS. A knife sealing surface is prepared in the cassette to attach the gel gasket of the filter.

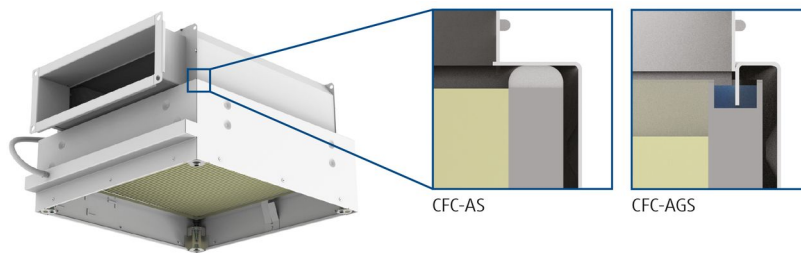
The cassette is equipped by a pressure measurement nipple for the measurement of the actual filter resistance (clogging detection).

Product Parts



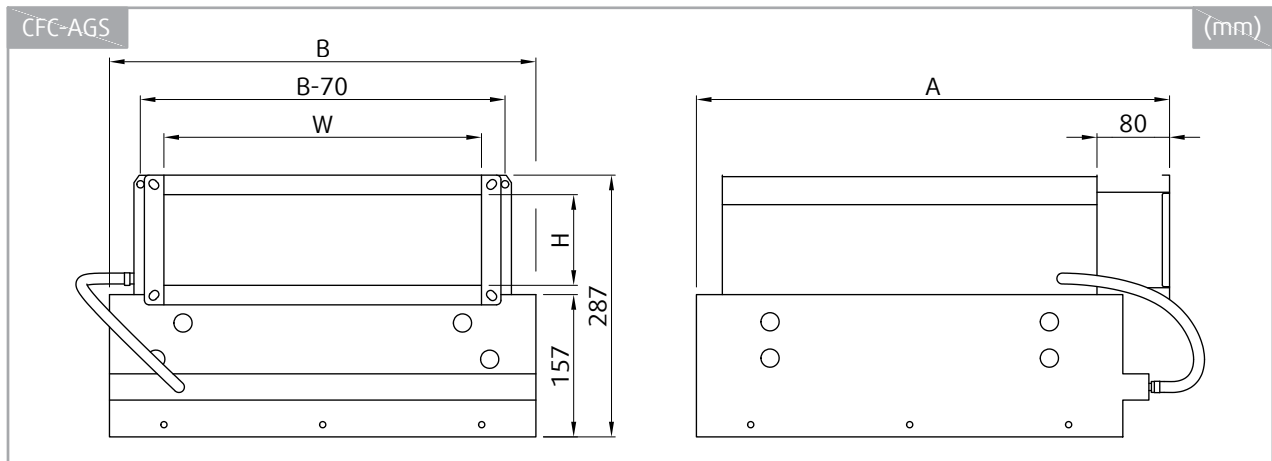
Legend

- P1** - Casing
- P2** - Duct connection flanges
- P3** - Filter
- P4** - Fixing bracket for filter and for front diffuser panel
- P5** - Product labels
- P6** - Impulse tube for measurement of the filter resistance
- P7** - Hanging ears



Comparison of CFC-AS with plain sealing surface and CFC-AGS with a knife sealing surface

Dimensions & Weights



| A × A × T i *1 | A | B | H | W | m |
|--------------------|-----|-----|-----|-----|------|
| | mm | | | | kg |
| CFC-AGS-305×305×80 | 370 | 318 | 100 | 200 | 9,2 |
| CFC-AGS-457×457×80 | 522 | 470 | | 350 | 13,2 |
| CFC-AGS-535×535×80 | 600 | 548 | | 450 | 15,9 |
| CFC-AGS-557×557×80 | 622 | 570 | | 500 | 16,9 |
| CFC-AGS-575×575×80 | 640 | 588 | | | 17,3 |
| CFC-AGS-610×610×80 | 675 | 623 | | | 18,5 |

NOTE:

1) The nominal dimensions of CFC-AGS are related to exact dimensions (A × A × T) of corresponding filters.

Ordering Codes

Nominal dimensions (filter dimensions Length × Width × Thickness)

305 × 305 × 80

457 × 457 × 80

535 × 535 × 80

557 × 557 × 80

575 × 575 × 80

610 × 610 × 80

Surface finish

SW Signal white (RAL9003, gloss 30%)

RALXXXX Other colour powder coating

Example of Ordering Code

CFC-AGS-610×610×80-SW

Clean filtering cassette for filter size 610 mm × 610 mm × 80 mm. The product has signal white RAL9003 surface finish.

Accessories

PP-CFC-A, CAP-CFC-A, ADQ-CFC-A, VVKR-CFC-A, VVKN-CFC-A

Front Diffuser Panels



Description

PP-CFC-A Perforated diffuser panel mainly intended for air extract

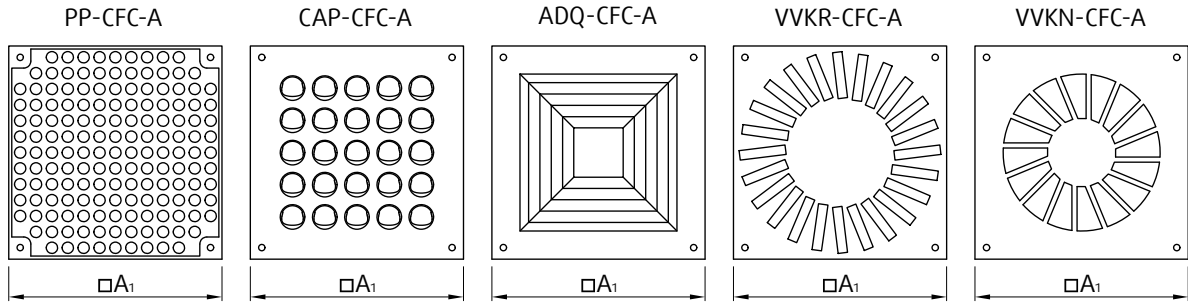
CAP-CFC-A Multi nozzle diffuser panel for variable supply air patterns

ADQ-CFC-A Diffuser panel with fixed blades for horizontal supply air discharge pattern

VVKR-CFC-A Diffuser panel with adjustable blades for variable swirl supply air discharge pattern

VVKN-CFC-A Diffuser panel with fixed blades for horizontal swirl supply air discharge pattern

Dimensions



| $A \times A$ | A_1 |
|--------------|-------|
| mm | |
| 305 × 305 | 318 |
| 457 × 457 | 470 |
| 535 × 535 | 548 |
| 557 × 557 | 570 |
| 575 × 575 | 588 |
| 610 × 610 | 623 |

Ordering Codes

Front diffuser panel type

PP-CFC-A Perforated panel

CAP-CFC-A Multi-nozzle panel

ADQ-CFC-A Fixed deflectors panel

VVKR-CFC-A Swirl panel with adjustable blades

VVKN-CFC-A Swirl panel with fixed blades

Nominal dimensions (filter dimensions length × width)

305 × 305

457 × 457

535 × 535

557 × 557

575 × 575

610 × 610

Surface finish

SW Signal white (RAL9003, gloss 30%)

RALXXXX Other colour powder coating

NOTE:

1) If no Surface finish is defined, RAL9003 will be delivered.

Example of Ordering Code

CAP-CFC-A-610×610-SW

Multi-nozzle front diffuser panel for clean filtering cassette size 610 mm × 610 mm, RAL9003 powder paint.

APS..., APT..., APG...

Adapter Ledges

**Description**

The adapter ledges help to adapt the dimensions for installation of the CFC-AGS box into the gypsum plaster ceilings, metal plate ceilings or into the T-bar ceilings (see ceiling type, raster in the ordering code).

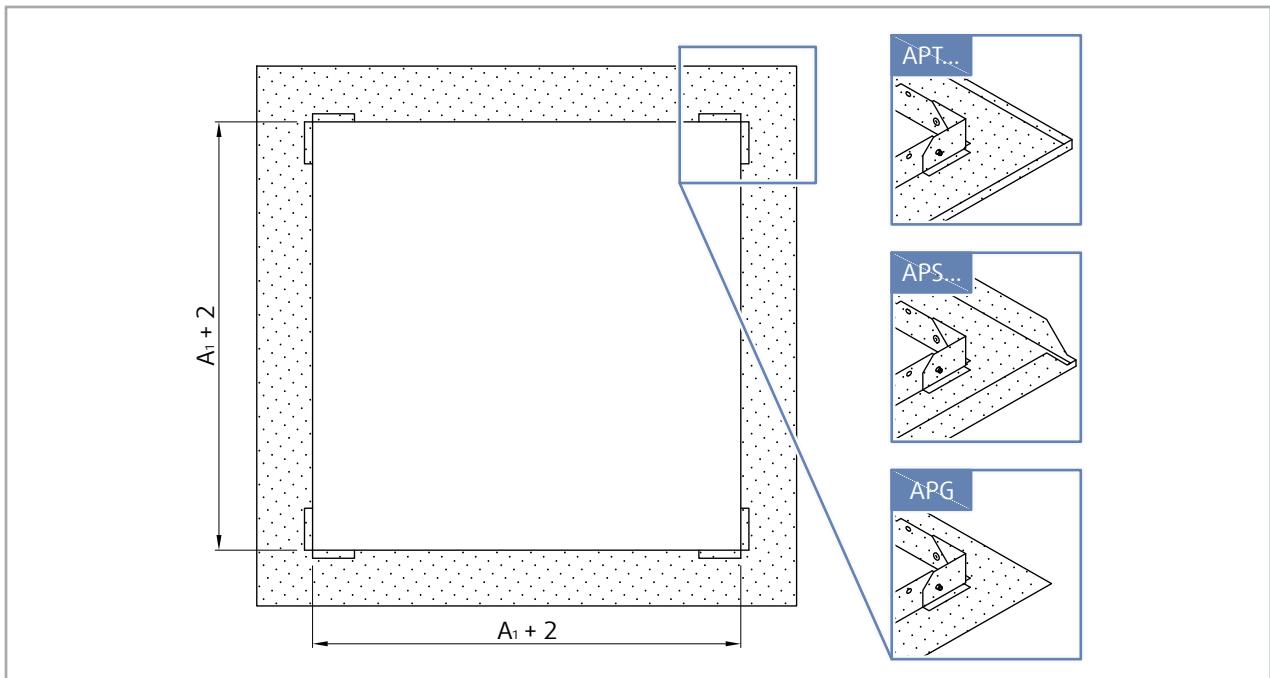
Design

The ledges are manufactured from galvanized steel sheet with the same surface finish as the one chosen for the clean filtering cassette (powder paint in RAL9003, eventually other RAL colour).

Dimensions

The inner opening size of the ledge corresponds to the filter dimensions in the filter cassette. The outer dimensions of the ledge correspond to the raster size of the ceiling (600 mm or 625 mm) for the metal plate and T-bar ceilings or extend 50 mm from the inner opening for the plaster board ceilings.

The adapter ledge can be used only for selected sizes and types of CFC-AGS in combination with selected raster and types of the suspended ceilings (see dimension table for CFC-AGS filter cassettes).



Ordering Codes

Type of ceiling adapter frame

APS625-CFC-A For metal plate ceiling raster 625

APS600-CFC-A For metal plate ceiling raster 600

APT625-CFC-A For T-bar ceiling raster 625

APT600-CFC-A For T-bar ceiling raster 600

APG-CFC-A For plaster board ceiling

Nominal dimensions (filter dimensions length × width) ¹

305 × 305

457 × 457

535 × 535

557 × 557

575 × 575

Surface finish

SW Signal white (RAL9003, gloss 30%)

RALXXXX Other colour powder coating

NOTES:

1. APT600 and APS600 available only up to size 557 mm × 557 mm.

APT625 and APS625 available only up to size 575 mm × 575 mm.

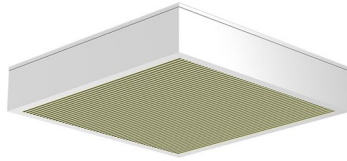
Example of Ordering Code

APT600-CFC-A-535×535-SW

Ceiling adapter for clean filtering cassette size 535 mm × 535 mm, RAL9003 powder paint.

CFC-GF

HEPA Filter with Gel Gasket

**Description**

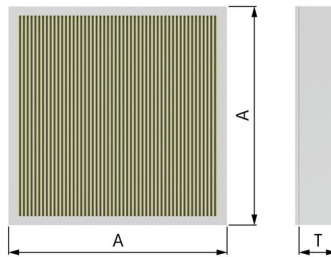
HEPA filter class H14 with gel gasket is intended for the clean filtering cassettes. It is a standard initial equipment for CFC-AG...

Design

The filtering media with protective wire mesh from one side is installed in anodized aluminium frame. A groove in the frame sealing area is filled by a gel compound, prepared for immersion of a knife-shaped sealing edge of the filter cassette.

Dimensions

Nominal dimensions of the filters ($A \times A \times T$) correspond to the clean filtering cassettes nominal dimensions (see dimension table for CFC-AG... filtering cassettes). The filter nominal and real thickness is 80 mm.



Ordering Codes

Filter type

CFC-GF-14

Filter dimensions ¹⁾

A×A×T length × width × thickness (mm)

NOTE: **1)** Filter dimensions A × A correspond to the nominal dimensions of the cassette. See CFC-AG dimension table

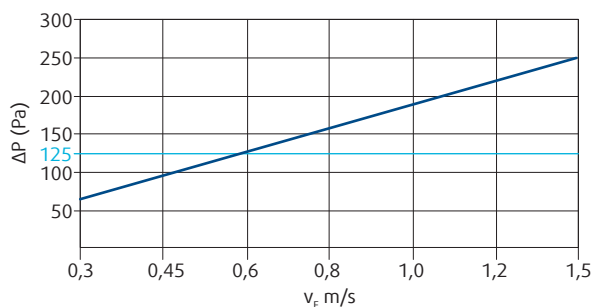
Example of Ordering Code

CFC-GF-14-305×305×80

HEPA filter with gel gasket, filter class H14, with dimensions 305 mm × 305 mm, thickness 80 mm.

Quick Selection

Initial resistance of the standard H14 filter CFC-HF-14... with thickness 78 mm at different air face velocities



Quick selection with limitation of critical values, combinations of the clean filter cassettes CFC-AGS and diffuser panels

| | | 305 × 305 × 80 | 457 × 457 × 80 | 535 × 535 × 80 | 557 × 557 × 80 | 575 × 575 × 80 | 610 × 610 × 80 |
|------------|-----------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| PP-CFC-A | q (m ³ /h) | 70 | 100 | 150 | 220 | 330 | 375 |
| | ΔP (Pa) | 23 | 33 | 47 | 69 | 110 | 126 |
| | L_{WA} (dB) | 23 | 23 | <20 | <20 | 21 | 21 |
| | $L_{0,2H}$ (m) | 2,0 * | 2,0 * | 2,0 * | 2,0 * | 2,0 * | 2,0 * |
| CAP-CFC-A | q (m ³ /h) | 150 | 200 | 290 | 375 | 375 | 465 |
| | ΔP (Pa) | 120 | 79 | 82 | 100 | 90 | 103 |
| | L_{WA} (dB) | 35 * | 35 * | 35 * | 35 * | 35 * | 35 * |
| | $L_{0,2H}$ (m) | 3,0 | 2,6 | 2,6 | 2,3 | 2,3 | 2,5 |
| ADQ-CFC-A | q (m ³ /h) | 190 | 270 | 270 | 375 | 375 | 375 |
| | ΔP (Pa) | 69 | 81 | 67 | 78 | 73 | 69 |
| | L_{WA} (dB) | 28 | 22 | <20 | 22 | 22 | 22 |
| | $L_{0,2H}$ (m) | 4,0 * | 4,0 * | 4,0 * | 4,0 * | 4,0 * | 4,0 * |
| VVKR-CFC-A | q (m ³ /h) | 150 | 360 | 520 | 520 | 625 | 625 |
| | ΔP (Pa) | 130 | 141 | 153 | 148 | 161 | 147 |
| | L_{WA} (dB) | 29 | 33 | 34 | 34 | 35 | 35 * |
| | $L_{0,2H}$ (m) | 3,0 * | 3,0 * | 3,0 * | 3,0 * | 2,6 * | 2,6 |
| VVKN-CFC-A | q (m ³ /h) | 150 | 265 | 434 | 434 | 375 | 375 |
| | ΔP (Pa) | 128 | 102 | 125 | 117 | 73 | 69 |
| | L_{WA} (dB) | 35 * | 35 * | 35 * | 35 * | 22 | 22 |
| | $L_{0,2H}$ (m) | 2 | 2,4 | 3,2 | 3,2 | 4,0 * | 4,0 * |

NOTE: * Limiting value significant for the chosen working point.

$L_{0,2H}$ Horizontal throw length with terminal velocity 0,2 m/s

$L_{0,2V}$ Vertical throw length with terminal velocity 0,2 m/s

Quick selection of working points with $\Delta P = 150$ Pa, combinations of the clean filter cassettes CFC-AGS and diffuser panels

| | | 305 × 305 × 80 | 457 × 457 × 80 | 535 × 535 × 80 | 557 × 557 × 80 | 575 × 575 × 80 | 610 × 610 × 80 |
|------------|-----------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| PP-CFC-A | q (m ³ /h) | 257 | 420 | 548 | 596 | 641 | 703 |
| | L _{WA} (dB) | 33 | 38 | 35 | 36 | 37 | 37 |
| | L _{0,2H} (m) | 7,4 | 7,7 | 7,1 | 5,3 | 3,8 | 3,7 |
| CAP-CFC-A | q (m ³ /h) | 184 | 356 | 505 | 543 | 587 | 652 |
| | L _{WA} (dB) | 41 | 53 | 52 | 46 | 48 | 45 |
| | L _{0,2H} (m) | 5,6 | 6,9 | 7,1 | 5,2 | 5,6 | 5,3 |
| ADQ-CFC-A | q (m ³ /h) | 400 | 500 | 600 | 700 | 750 | 800 |
| | L _{WA} (dB) | 25 | 27 | 26 | 27 | 28 | 30 |
| | L _{0,2H} (m) | 8,4 | 7,3 | 8,8 | 7,5 | 8 | 8,5 |
| VVKR-CFC-A | q (m ³ /h) | 183 | 382 | 512 | 525 | 594 | 638 |
| | L _{WA} (dB) | 33 | 35 | 34 | 34 | 33 | 36 |
| | L _{0,2H} (m) | 3,5 | 3,1 | 3 | 3,1 | 2,4 | 2,6 |
| VVKN-CFC-A | q (m ³ /h) | 174 | 373 | 504 | 537 | 557 | 678 |
| | L _{WA} (dB) | 38 | 47 | 40 | 41 | 43 | 40 |
| | L _{0,2H} (m) | 2,1 | 3,4 | 3,7 | 4 | 4,1 | 5 |

L_{0,2H} Horizontal throw length with terminal velocity 0,2 m/s

L_{0,2V} Vertical throw length with terminal velocity 0,2 m/s

Technical Parameters

Legend

- $L_{0,2}$ (m) Air throw length with terminal velocity 0,2 m/s
- L_x (m) Air throw length calculated for specific terminal velocity
- x (m/s) Terminal velocity in range of 0,1 m/s ... 1 m/s

Calculation of Air Throw for Different Terminal Velocities

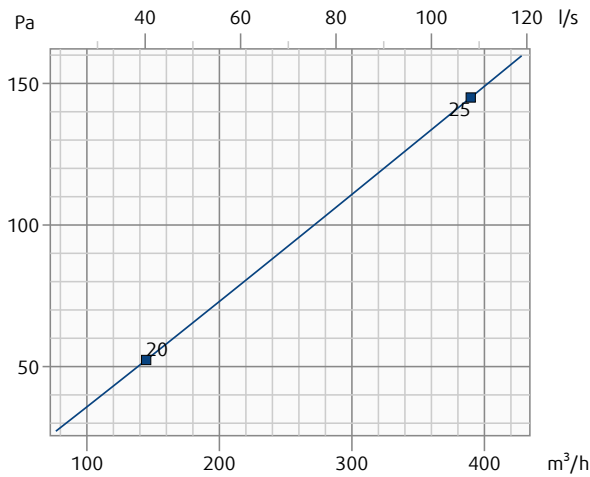
$$L_x = L_{0,2} \cdot 0,2/x$$

Pressure drop and radiated sound power level dependent on air flow volume

Throw length with terminal velocity 0,2 m/s dependent on air flow volume

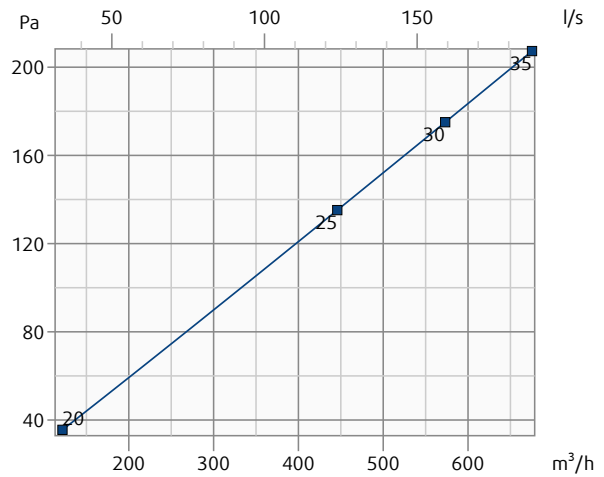
CFC-AGS-305x305x80-SW + ADQ-CFC-A-305x305-SW

Pressure drop & A-weighted sound power level in dB(A)



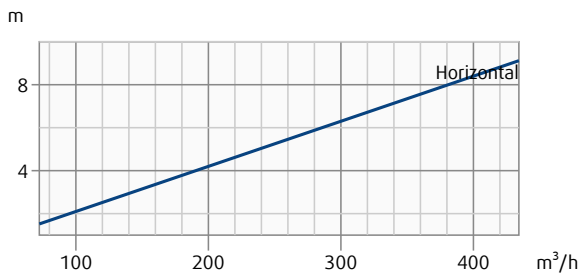
CFC-AGS-457x457x80-SW + ADQ-CFC-A-457x457-SW

Pressure drop & A-weighted sound power level in dB(A)



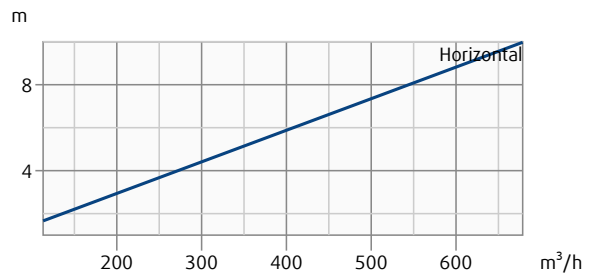
CFC-AGS-305x305x80-SW + ADQ-CFC-A-305x305-SW

Throw length (terminal velocity 0.2 m/s)



CFC-AGS-457x457x80-SW + ADQ-CFC-A-457x457-SW

Throw length (terminal velocity 0.2 m/s)

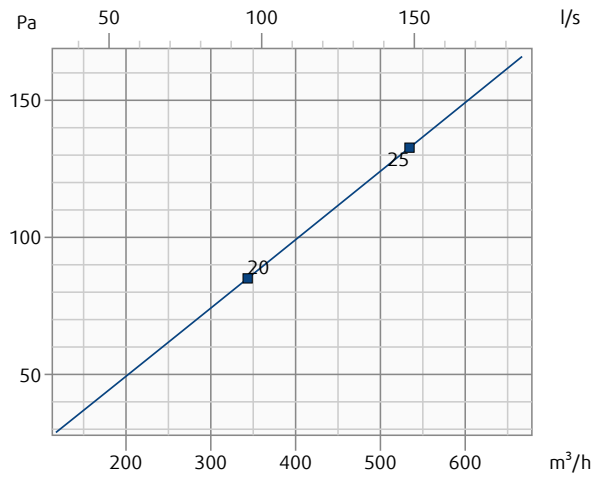


Pressure drop and radiated sound power level dependent on air flow volume

Throw length with terminal velocity 0,2 m/s dependent on air flow volume

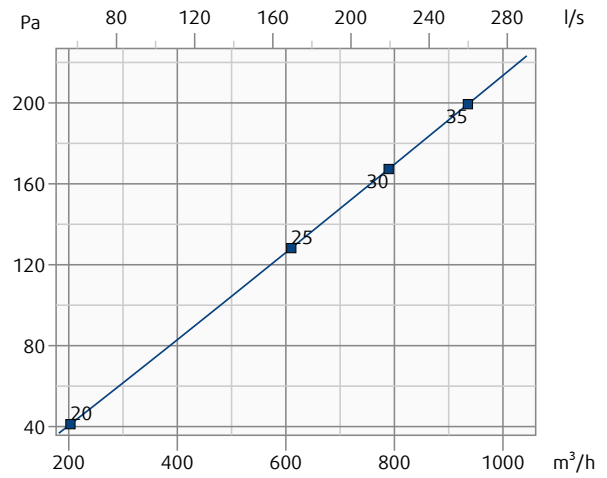
CFC-AGS-535x535x80-SW + ADQ-CFC-A-535x535-SW

Pressure drop & A-weighted sound power level in dB(A)



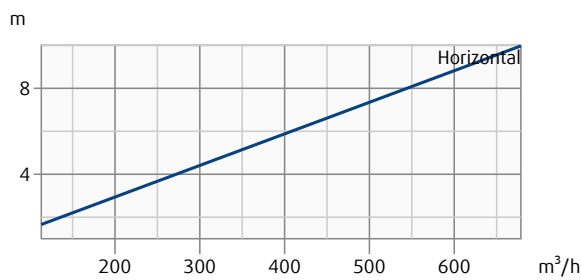
CFC-AGS-557x557x80-SW + ADQ-CFC-A-557x557-SW

Pressure drop & A-weighted sound power level in dB(A)



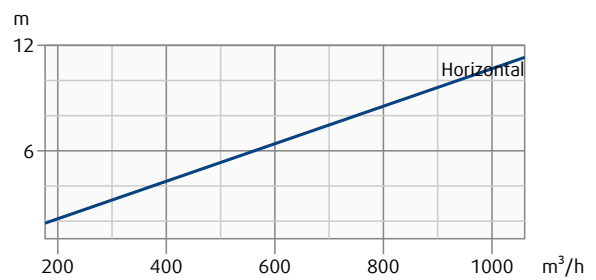
CFC-AGS-535x535x80-SW + ADQ-CFC-A-535x535-SW

Throw length (terminal velocity 0.2 m/s)



CFC-AGS-557x557x80-SW + ADQ-CFC-A-557x557-SW

Throw length (terminal velocity 0.2 m/s)

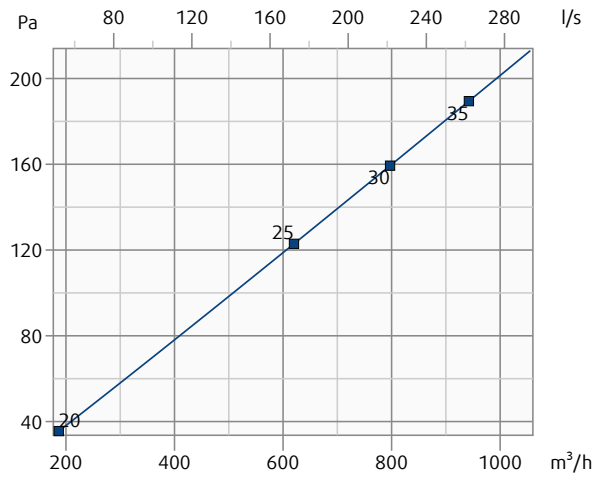


Pressure drop and radiated sound power level dependent on air flow volume

Throw length with terminal velocity 0,2 m/s dependent on air flow volume

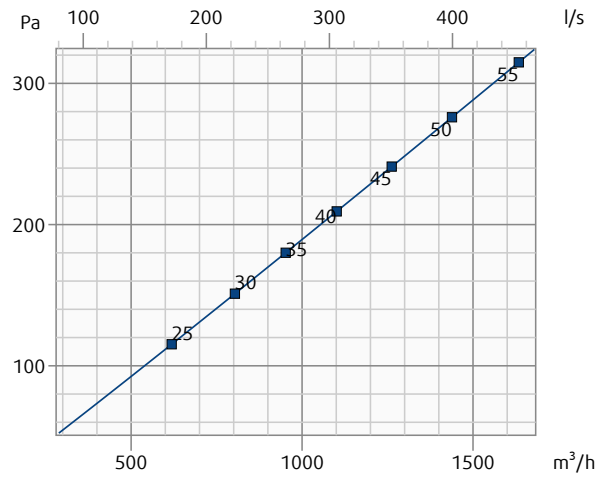
CFC-AGS-575x575x80-SW + ADQ-CFC-A-575x575-SW

Pressure drop & A-weighted sound power level in dB(A)



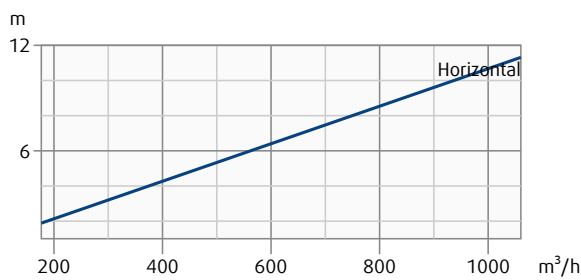
CFC-AGS-610x610x80-SW + ADQ-CFC-A-610x610-SW

Pressure drop & A-weighted sound power level in dB(A)



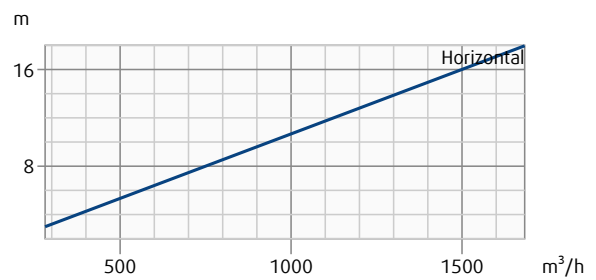
CFC-AGS-575x575x80-SW + ADQ-CFC-A-575x575-SW

Throw length (terminal velocity 0.2 m/s)



CFC-AGS-610x610x80-SW + ADQ-CFC-A-610x610-SW

Throw length (terminal velocity 0.2 m/s)

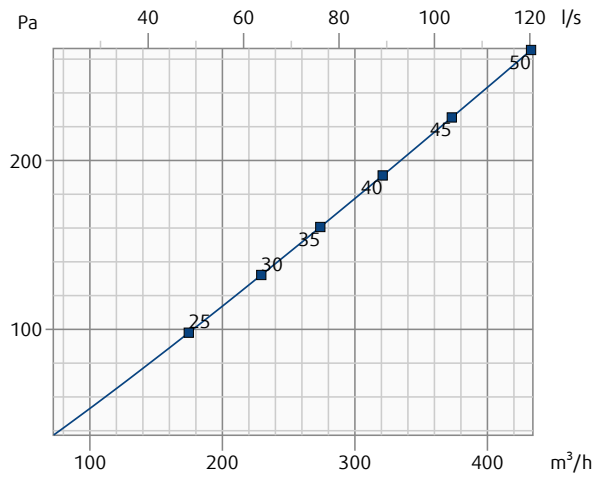


Pressure drop and radiated sound power level dependent on air flow volume

Throw length with terminal velocity 0,2 m/s dependent on air flow volume

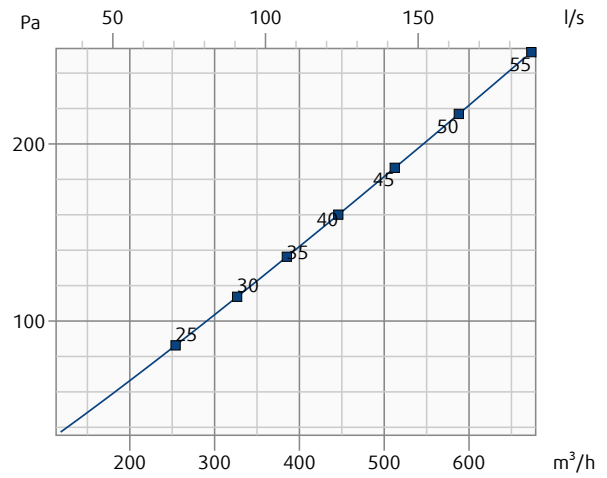
CFC-AGS-305x305x80-SW + PP-CFC-A-305x305-SW

Pressure drop & A-weighted sound power level in dB(A)



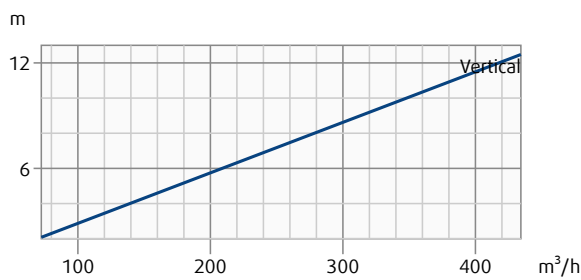
CFC-AGS-457x457x80-SW + PP-CFC-A-457x457-SW

Pressure drop & A-weighted sound power level in dB(A)



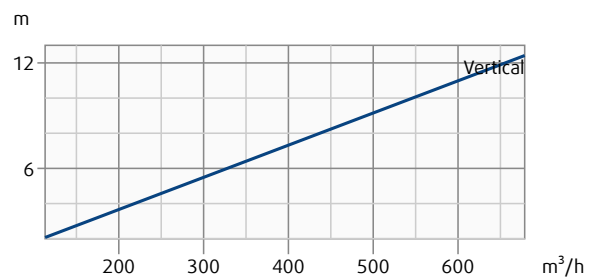
CFC-AGS-305x305x80-SW + PP-CFC-A-305x305-SW

Throw length (terminal velocity 0.2 m/s)



CFC-AGS-457x457x80-SW + PP-CFC-A-457x457-SW

Throw length (terminal velocity 0.2 m/s)

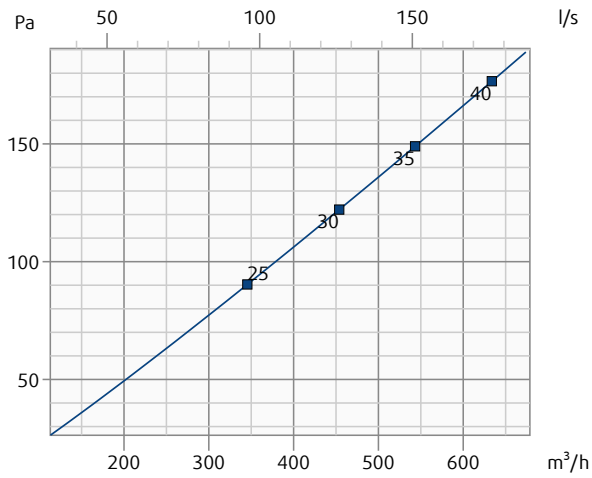


Pressure drop and radiated sound power level dependent on air flow volume

Throw length with terminal velocity 0,2 m/s dependent on air flow volume

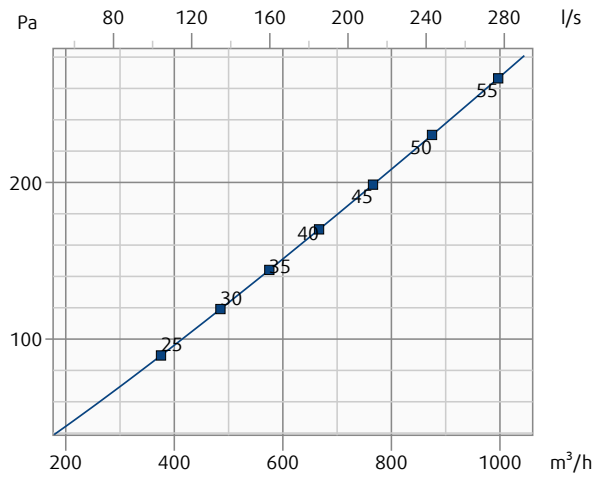
CFC-AGS-535x535x80-SW + PP-CFC-A-535x535-SW

Pressure drop & A-weighted sound power level in dB(A)



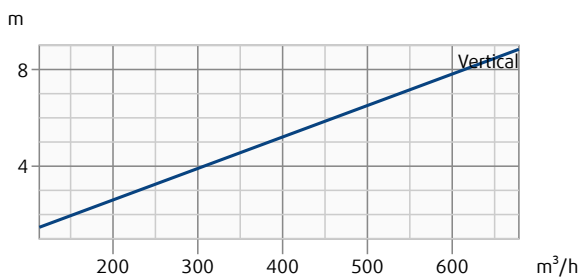
CFC-AGS-557x557x80-SW + PP-CFC-A-557x557-SW

Pressure drop & A-weighted sound power level in dB(A)



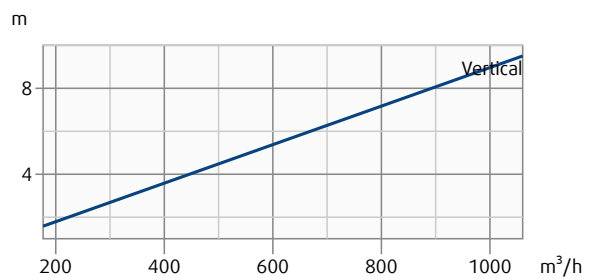
CFC-AGS-535x535x80-SW + PP-CFC-A-535x535-SW

Throw length (terminal velocity 0.2 m/s)



CFC-AGS-557x557x80-SW + PP-CFC-A-557x557-SW

Throw length (terminal velocity 0.2 m/s)

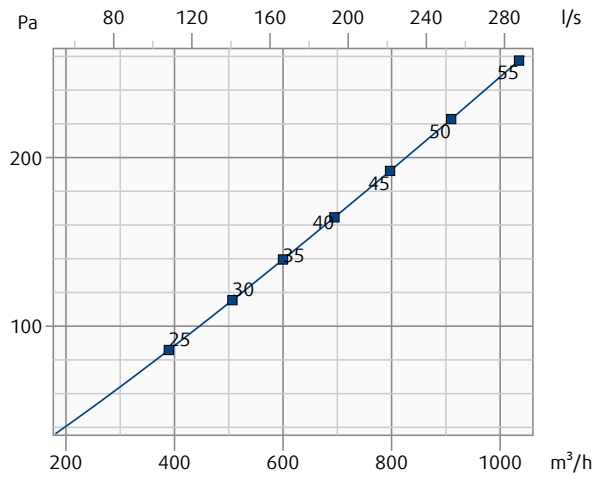


Pressure drop and radiated sound power level dependent on air flow volume

Throw length with terminal velocity 0,2 m/s dependent on air flow volume

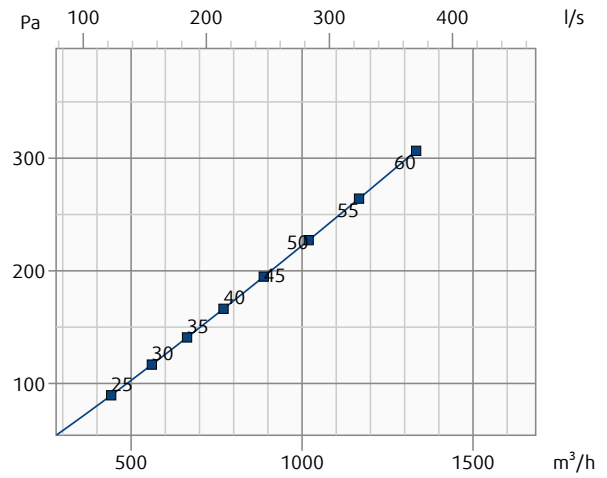
CFC-AGS-575x575x80-SW + PP-CFC-A-575x575-SW

Pressure drop & A-weighted sound power level in dB(A)



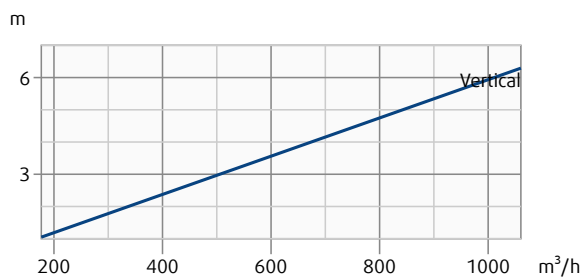
CFC-AGS-610x610x80-SW + PP-CFC-A-610x610-SW

Pressure drop & A-weighted sound power level in dB(A)



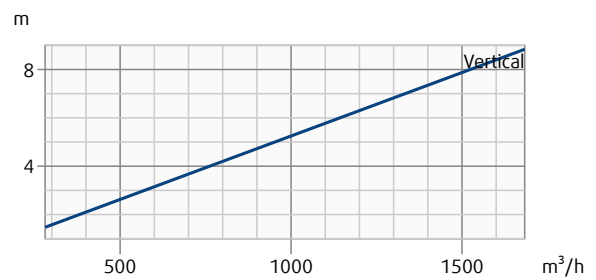
CFC-AGS-575x575x80-SW + PP-CFC-A-575x575-SW

Throw length (terminal velocity 0.2 m/s)



CFC-AGS-610x610x80-SW + PP-CFC-A-610x610-SW

Throw length (terminal velocity 0.2 m/s)

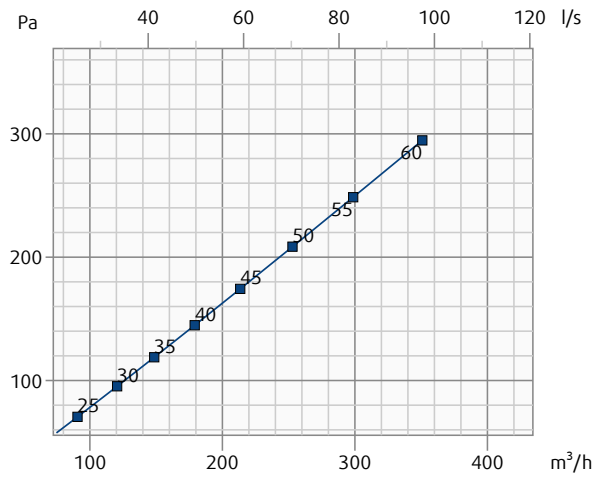


Pressure drop and radiated sound power level dependent on air flow volume

Throw length with terminal velocity 0,2 m/s dependent on air flow volume

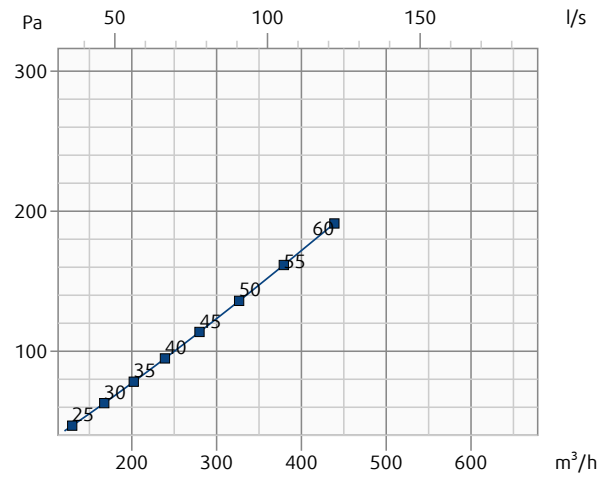
CFC-AGS-305x305x80-SW + CAP-CFC-A-305x305-SW

Pressure drop & A-weighted sound power level in dB(A)



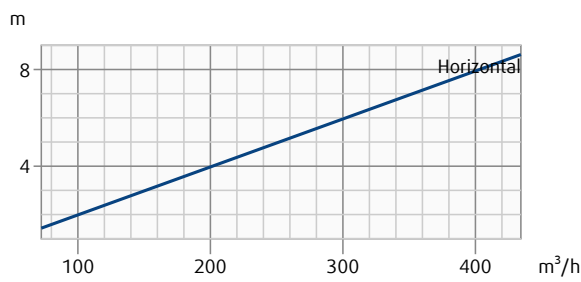
CFC-AGS-457x457x80-SW + CAP-CFC-A-457x457-SW

Pressure drop & A-weighted sound power level in dB(A)



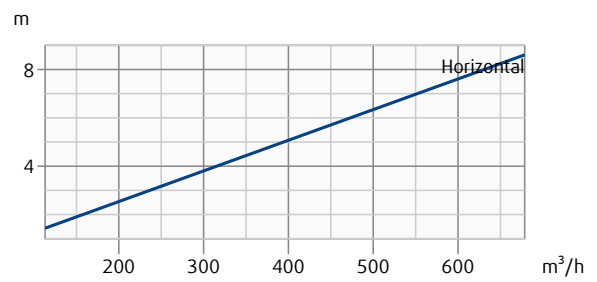
CFC-AGS-305x305x80-SW + CAP-CFC-A-305x305-SW

Throw length (terminal velocity 0.2 m/s)



CFC-AGS-457x457x80-SW + CAP-CFC-A-457x457-SW

Throw length (terminal velocity 0.2 m/s)

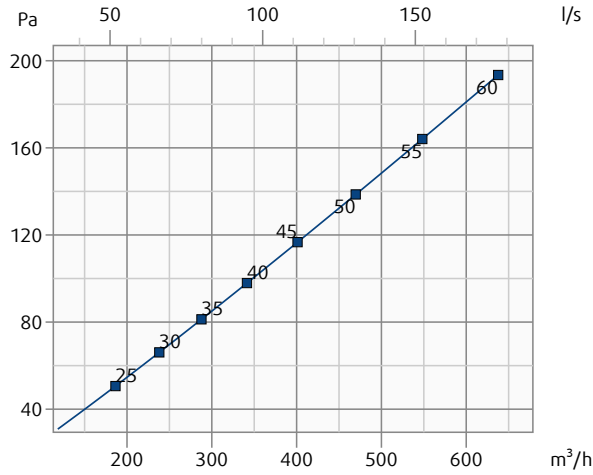


Pressure drop and radiated sound power level dependent on air flow volume

Throw length with terminal velocity 0,2 m/s dependent on air flow volume

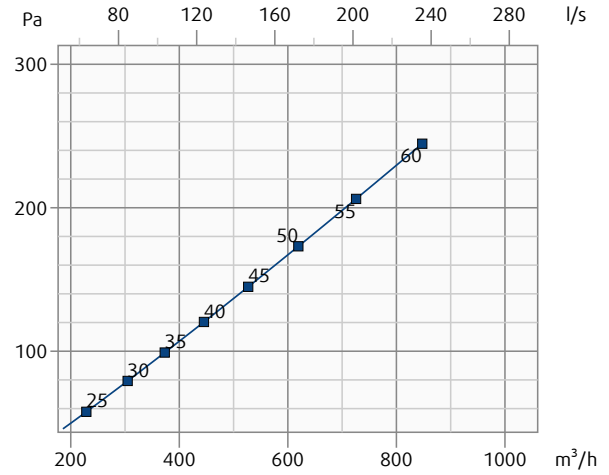
CFC-AGS-535x535x80-SW + CAP-CFC-A-535x535-SW

Pressure drop & A-weighted sound power level in dB(A)



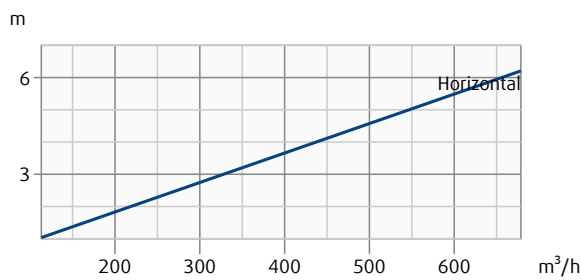
CFC-AGS-557x557x80-SW + CAP-CFC-A-557x557-SW

Pressure drop & A-weighted sound power level in dB(A)



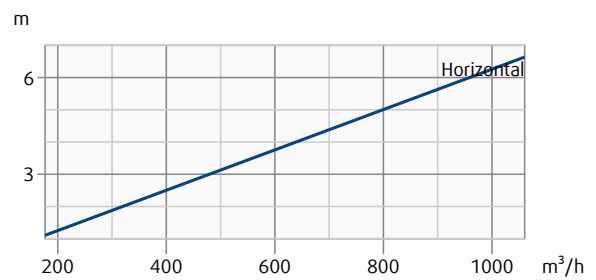
CFC-AGS-535x535x80-SW + CAP-CFC-A-535x535-SW

Throw length (terminal velocity 0.2 m/s)



CFC-AGS-557x557x80-SW + CAP-CFC-A-557x557-SW

Throw length (terminal velocity 0.2 m/s)

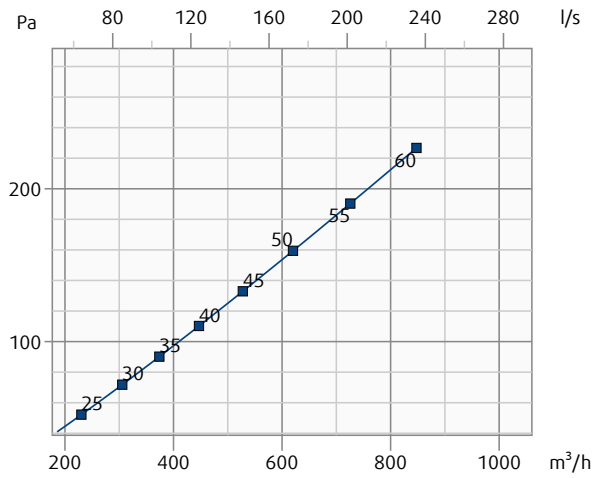


Pressure drop and radiated sound power level dependent on air flow volume

Throw length with terminal velocity 0,2 m/s dependent on air flow volume

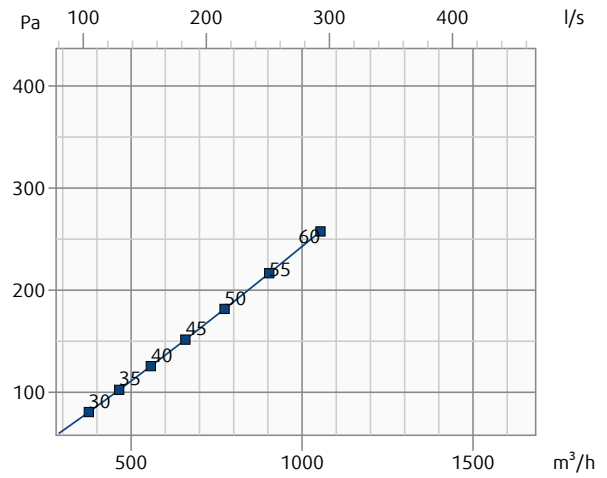
CFC-AGS-575x575x80-SW + CAP-CFC-A-575x575-SW

Pressure drop & A-weighted sound power level in dB(A)



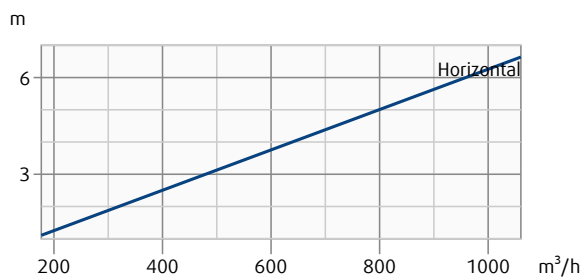
CFC-AGS-610x610x80-SW + CAP-CFC-A-610x610-SW

Pressure drop & A-weighted sound power level in dB(A)



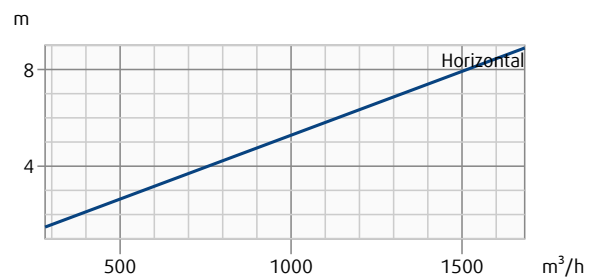
CFC-AGS-575x575x80-SW + CAP-CFC-A-575x575-SW

Throw length (terminal velocity 0.2 m/s)



CFC-AGS-610x610x80-SW + CAP-CFC-A-610x610-SW

Throw length (terminal velocity 0.2 m/s)

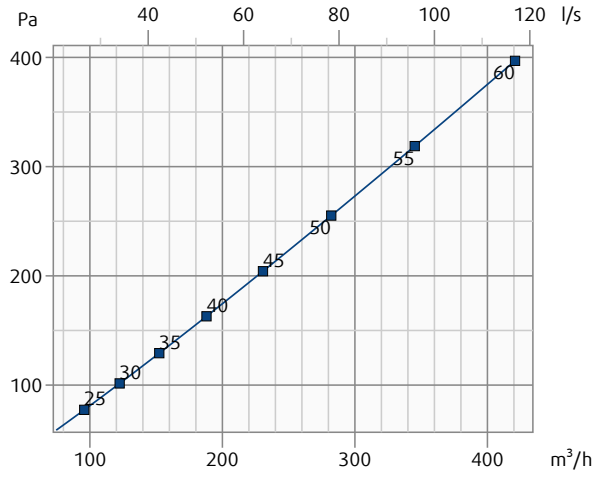


Pressure drop and radiated sound power level dependent on air flow volume

Throw length with terminal velocity 0,2 m/s dependent on air flow volume

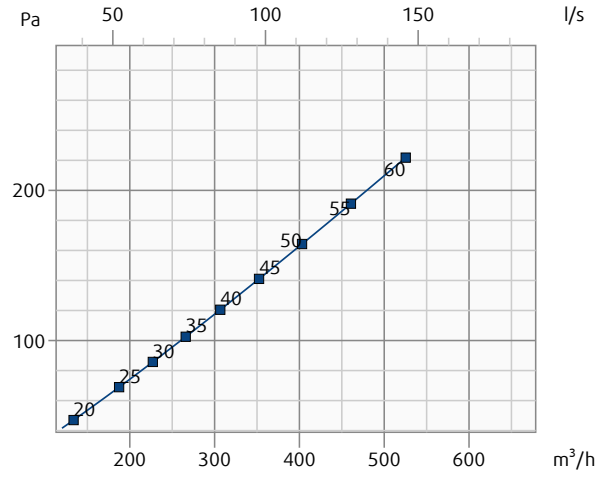
CFC-AGS-305x305x80-SW + VVKN-CFC-A-305x305-SW

Pressure drop & A-weighted sound power level in dB(A)



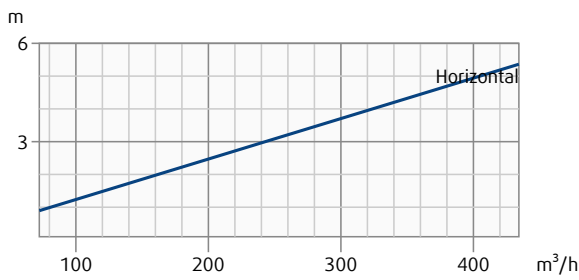
CFC-AGS-457x457x80-SW + VVKN-CFC-A-457x457-SW

Pressure drop & A-weighted sound power level in dB(A)



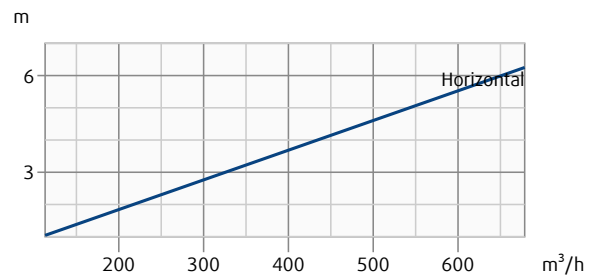
CFC-AGS-305x305x80-SW + VVKN-CFC-A-305x305-SW

Throw length (terminal velocity 0.2 m/s)



CFC-AGS-457x457x80-SW + VVKN-CFC-A-457x457-SW

Throw length (terminal velocity 0.2 m/s)

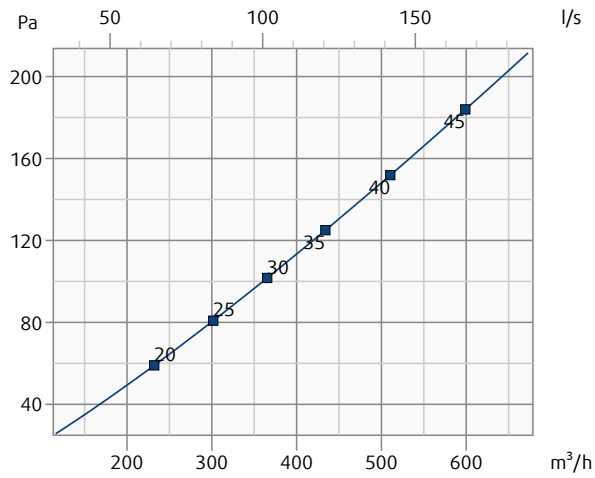


Pressure drop and radiated sound power level dependent on air flow volume

Throw length with terminal velocity 0,2 m/s dependent on air flow volume

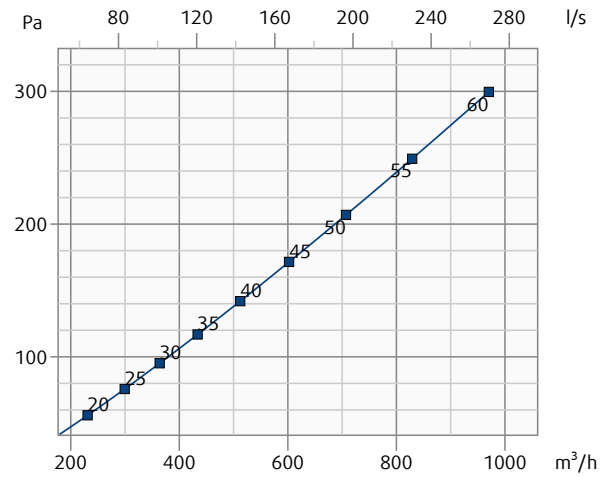
CFC-AGS-535x535x80-SW + VVKN-CFC-A-535x535-SW

Pressure drop & A-weighted sound power level in dB(A)



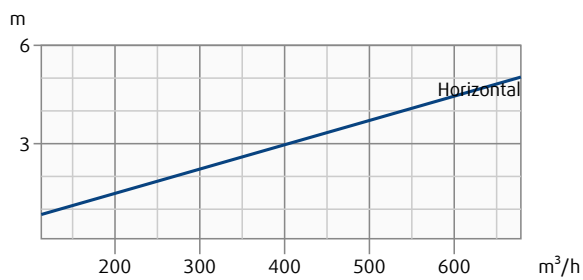
CFC-AGS-557x557x80-SW + VVKN-CFC-A-557x557-SW

Pressure drop & A-weighted sound power level in dB(A)



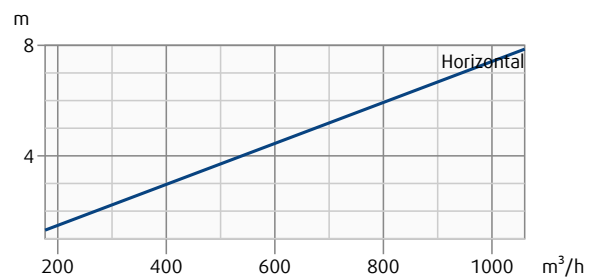
CFC-AGS-535x535x80-SW + VVKN-CFC-A-535x535-SW

Throw length (terminal velocity 0.2 m/s)



CFC-AGS-557x557x80-SW + VVKN-CFC-A-557x557-SW

Throw length (terminal velocity 0.2 m/s)



Pressure drop and radiated sound power level dependent on air flow volume

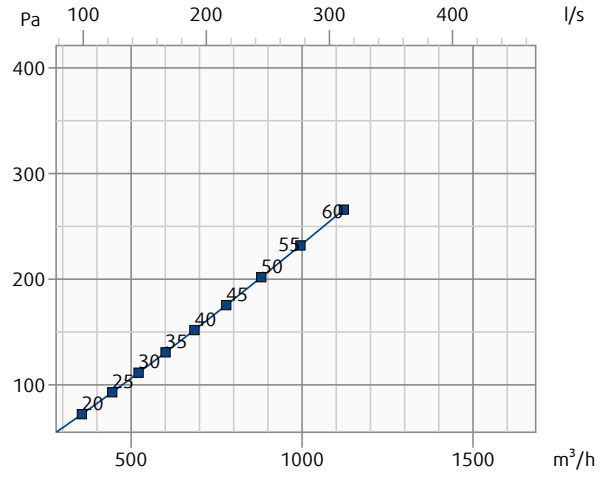
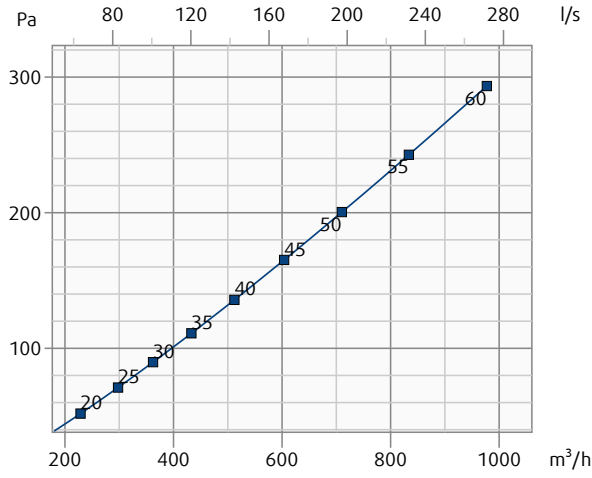
Throw length with terminal velocity 0,2 m/s dependent on air flow volume

CFC-AGS-575x575x80-SW + VVKN-CFC-A-575x575-SW

CFC-AGS-610x610x80-SW + VVKN-CFC-A-610x610-SW

Pressure drop & A-weighted sound power level in dB(A)

Pressure drop & A-weighted sound power level in dB(A)

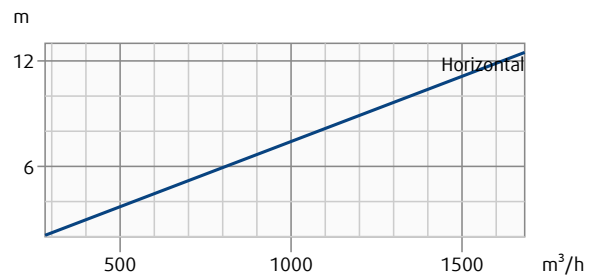
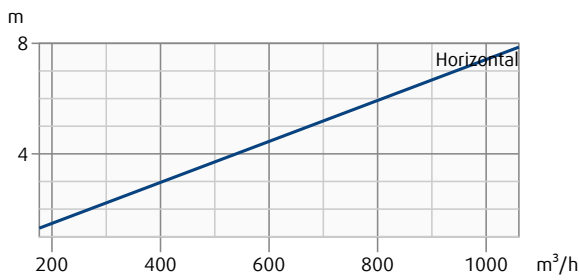


CFC-AGS-575x575x80-SW + VVKN-CFC-A-575x575-SW

CFC-AGS-610x610x80-SW + VVKN-CFC-A-610x610-SW

Throw length (terminal velocity 0.2 m/s)

Throw length (terminal velocity 0.2 m/s)

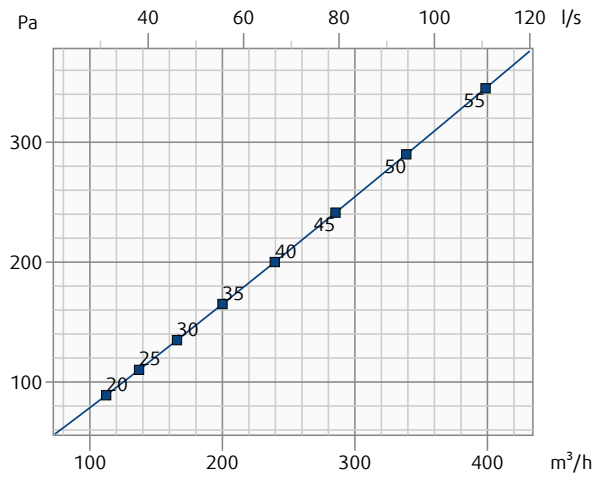


Pressure drop and radiated sound power level dependent on air flow volume

Throw length with terminal velocity 0,2 m/s dependent on air flow volume

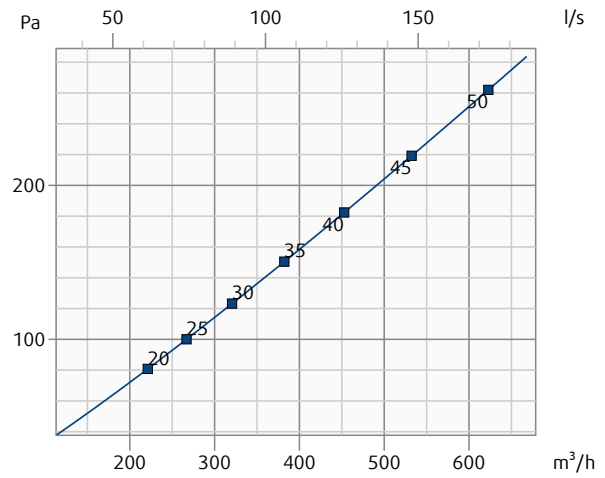
CFC-AGS-305x305x80-SW + VVKR-CFC-A-305x305-SW

Pressure drop & A-weighted sound power level in dB(A)



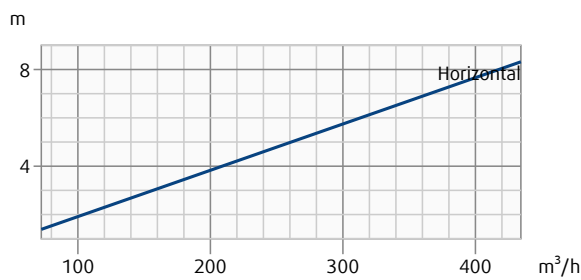
CFC-AGS-457x457x80-SW + VVKR-CFC-A-457x457-SW

Pressure drop & A-weighted sound power level in dB(A)



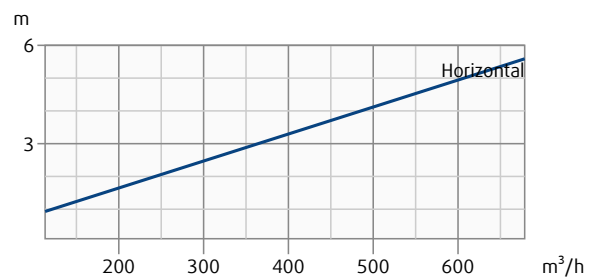
CFC-AGS-305x305x80-SW + VVKR-CFC-A-305x305-SW

Throw length (terminal velocity 0.2 m/s)



CFC-AGS-457x457x80-SW + VVKR-CFC-A-457x457-SW

Throw length (terminal velocity 0.2 m/s)

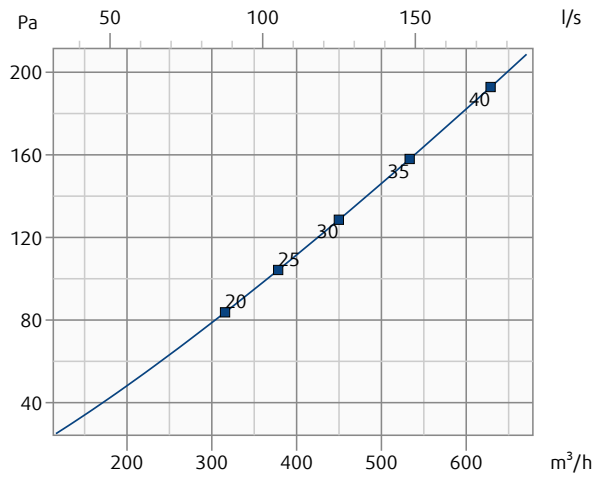


Pressure drop and radiated sound power level dependent on air flow volume

Throw length with terminal velocity 0,2 m/s dependent on air flow volume

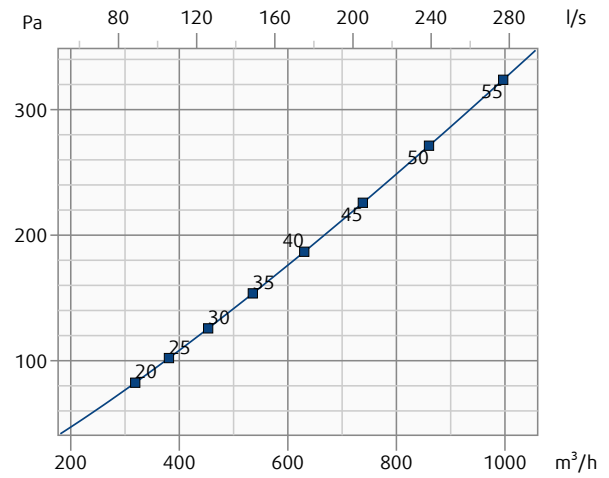
CFC-AGS-535x535x80-SW + VVKR-CFC-A-535x535-SW

Pressure drop & A-weighted sound power level in dB(A)



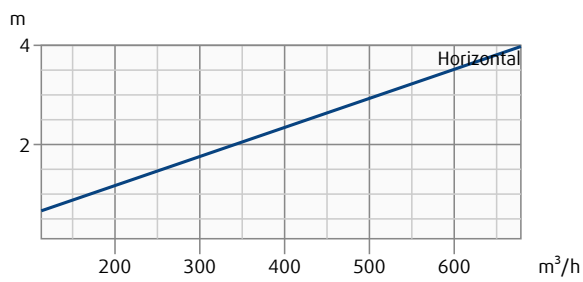
CFC-AGS-557x557x80-SW + VVKR-CFC-A-557x557-SW

Pressure drop & A-weighted sound power level in dB(A)



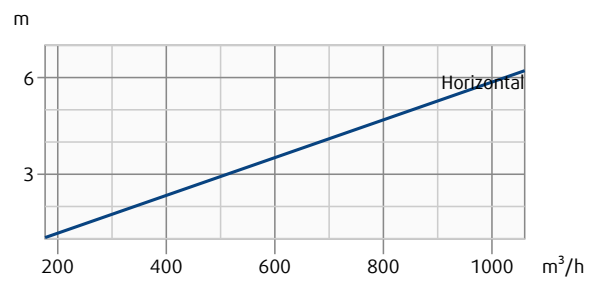
CFC-AGS-535x535x80-SW + VVKR-CFC-A-535x535-SW

Throw length (terminal velocity 0.2 m/s)



CFC-AGS-557x557x80-SW + VVKR-CFC-A-557x557-SW

Throw length (terminal velocity 0.2 m/s)



Pressure drop and radiated sound power level dependent on air flow volume

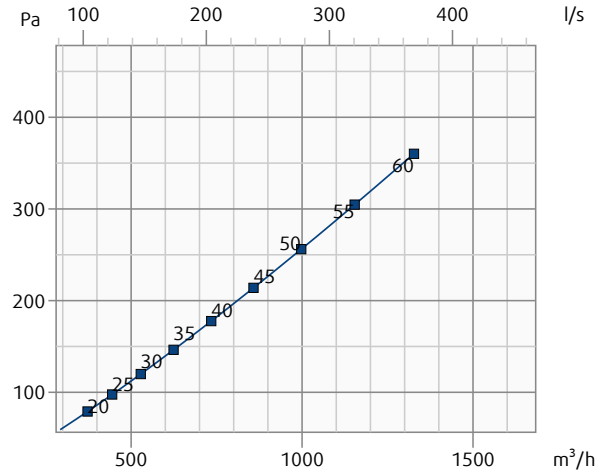
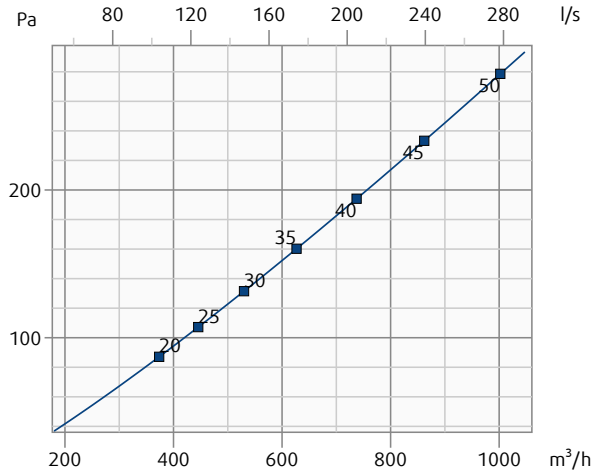
Throw length with terminal velocity 0,2 m/s dependent on air flow volume

CFC-AGS-575x575x80-SW + VVKR-CFC-A-575x575-SW

CFC-AGS-610x610x80-SW + VVKR-CFC-A-610x610-SW

Pressure drop & A-weighted sound power level in dB(A)

Pressure drop & A-weighted sound power level in dB(A)

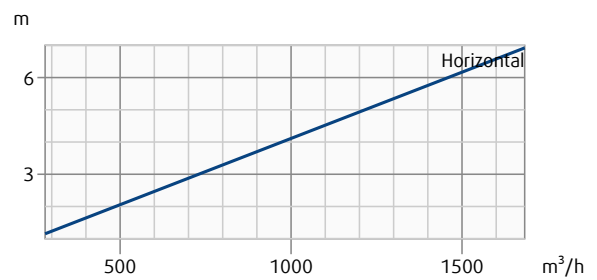
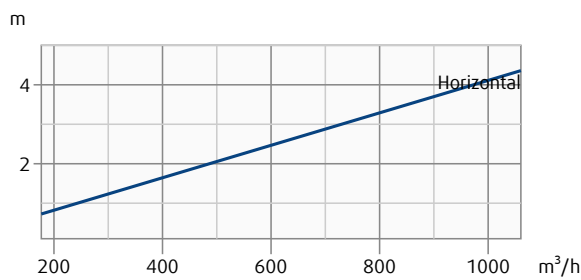


CFC-AGS-575x575x80-SW + VVKR-CFC-A-575x575-SW

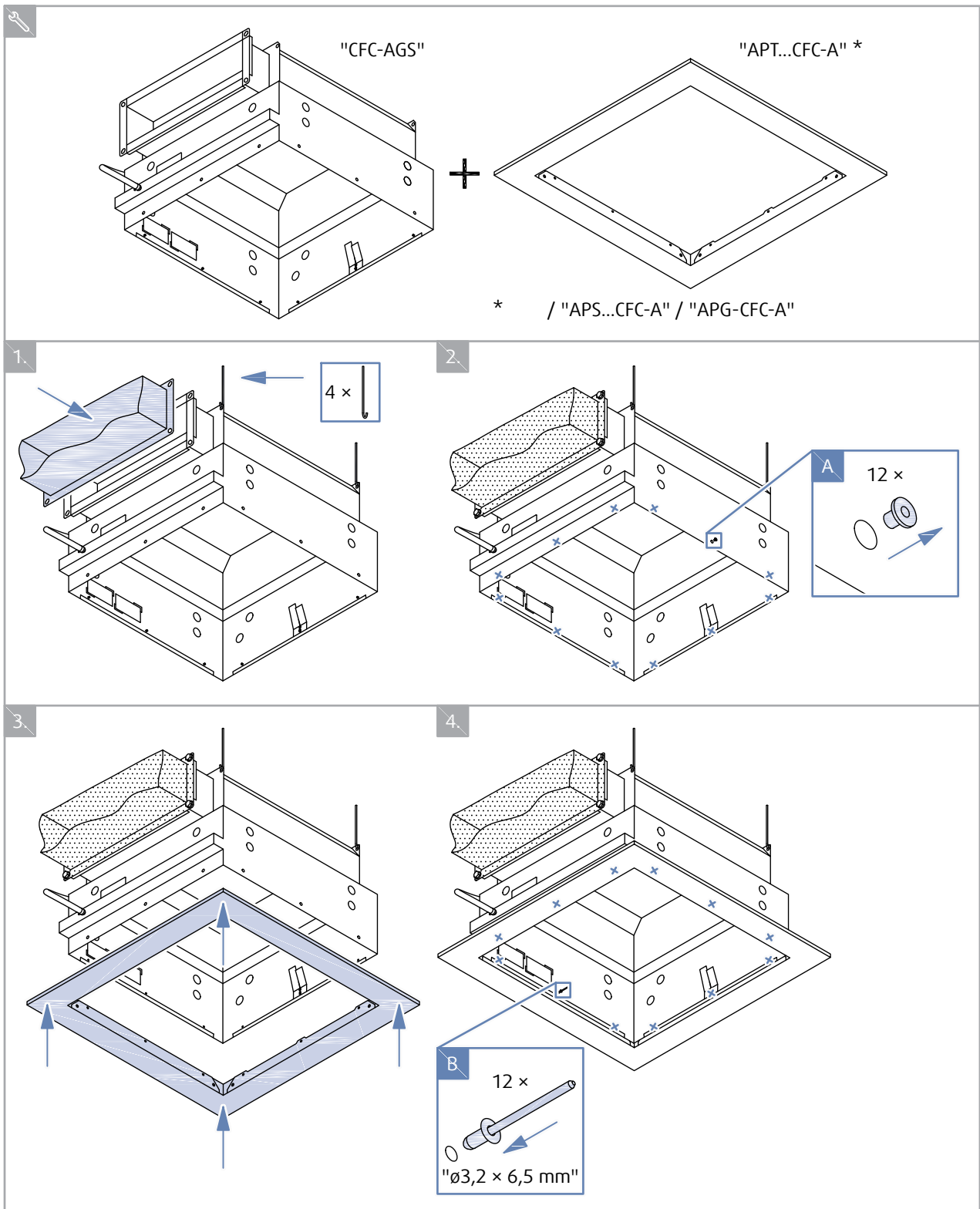
CFC-AGS-610x610x80-SW + VVKR-CFC-A-610x610-SW

Throw length (terminal velocity 0.2 m/s)

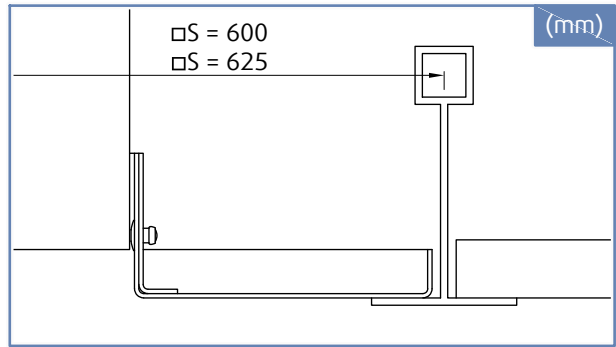
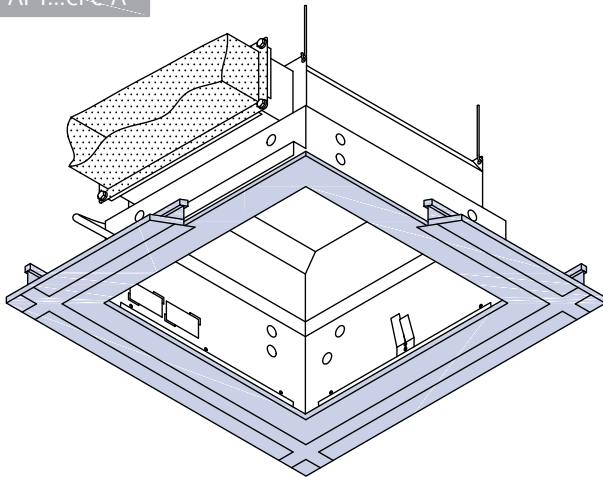
Throw length (terminal velocity 0.2 m/s)



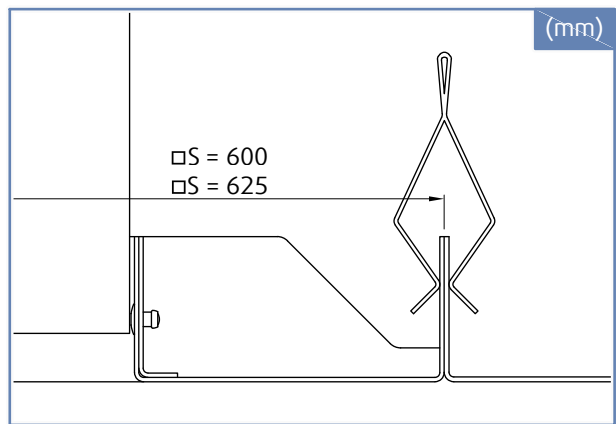
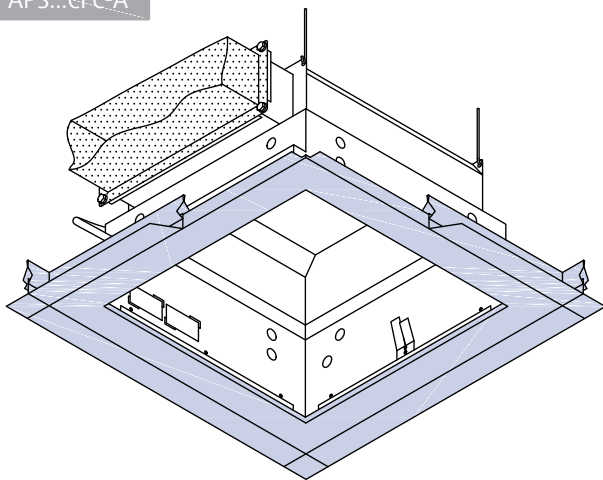
Installation



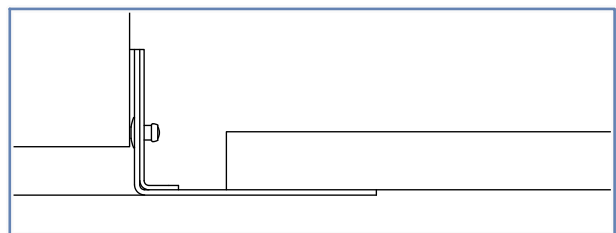
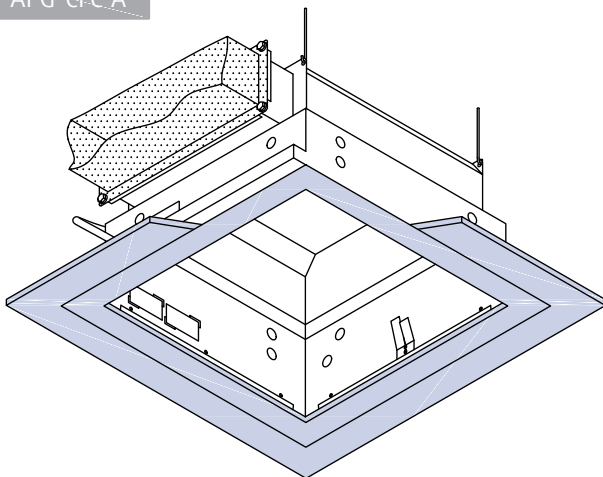
APT...CFC-A

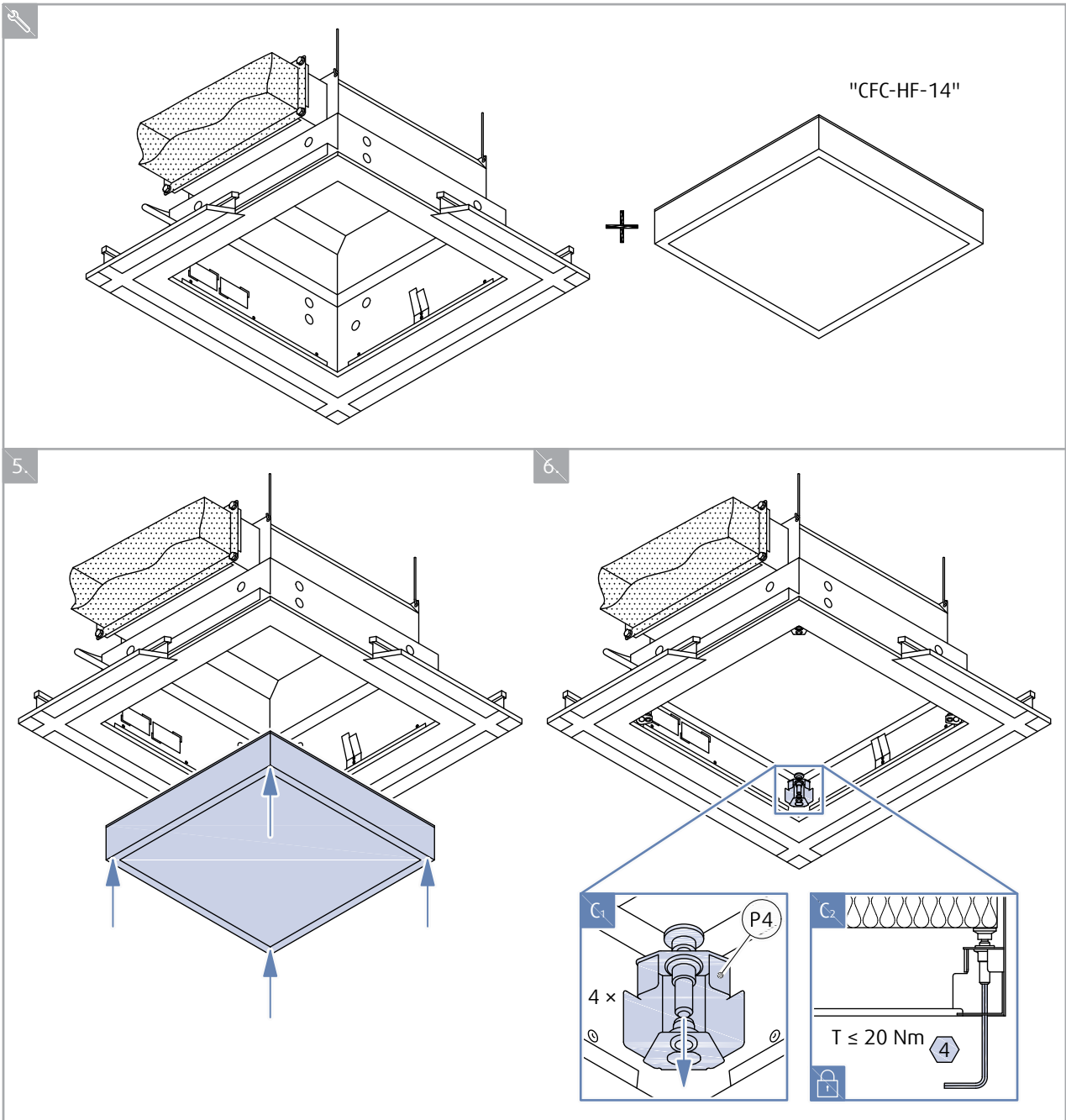


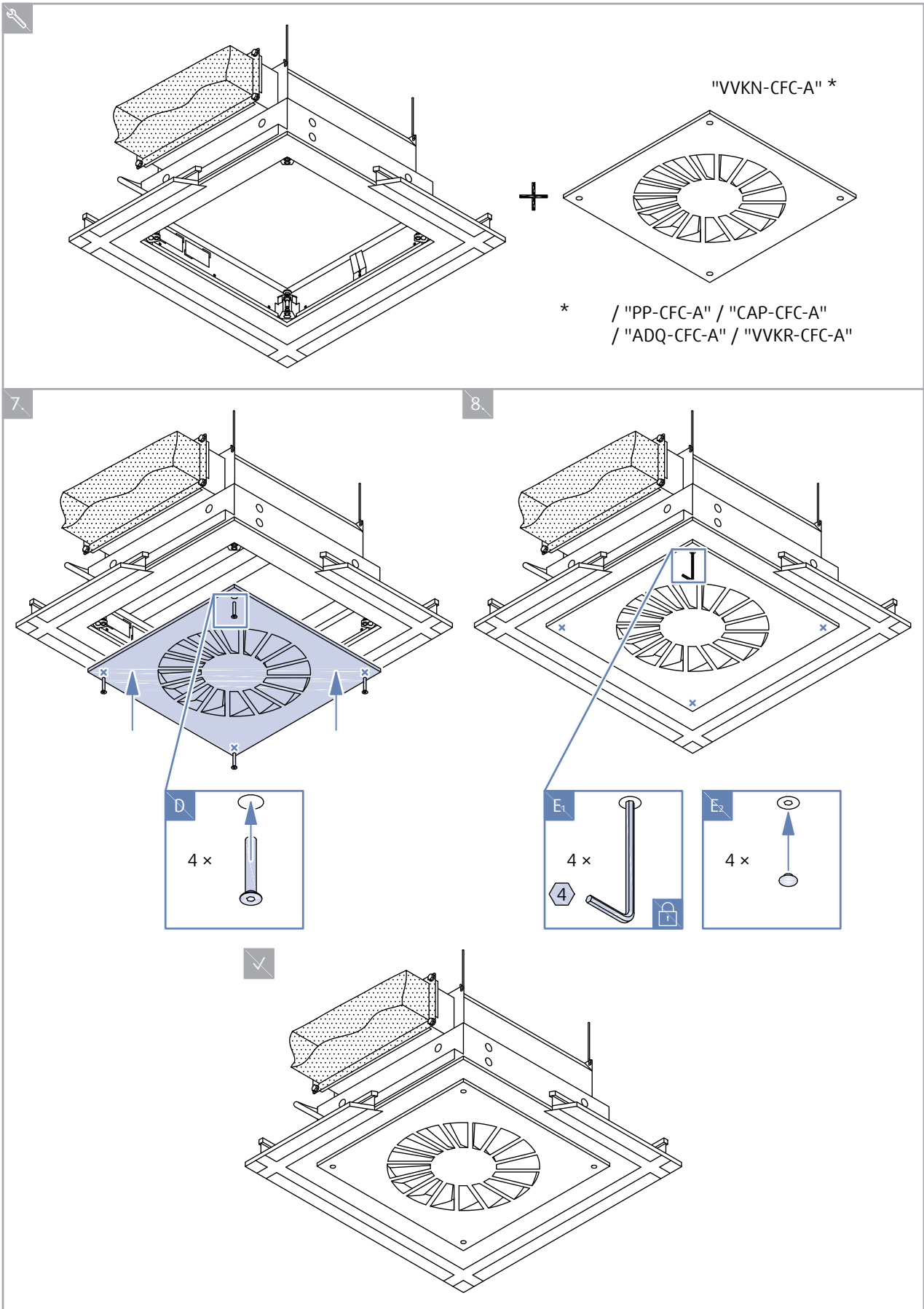
APS...CFC-A

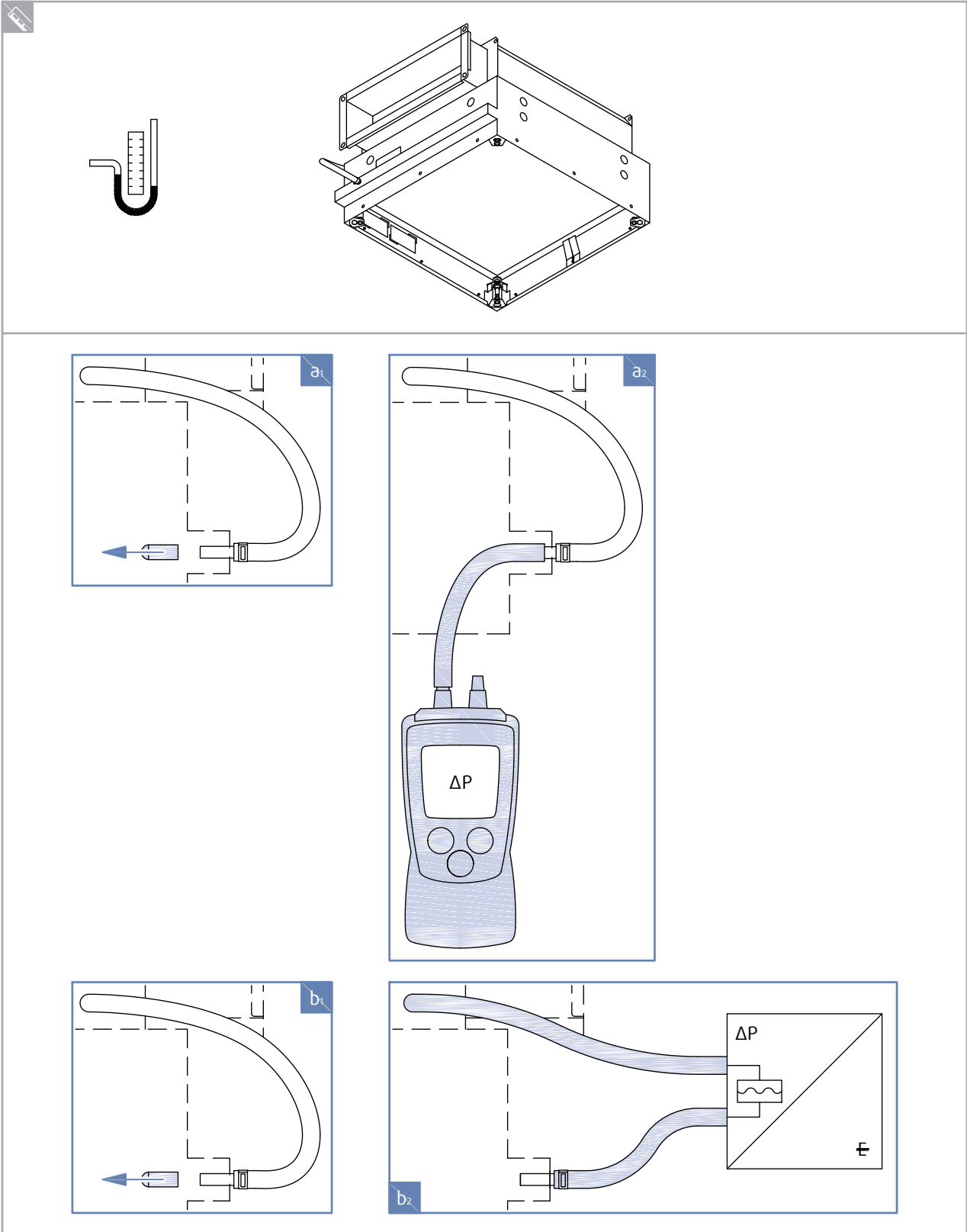


APG-CFC-A









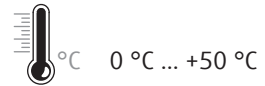
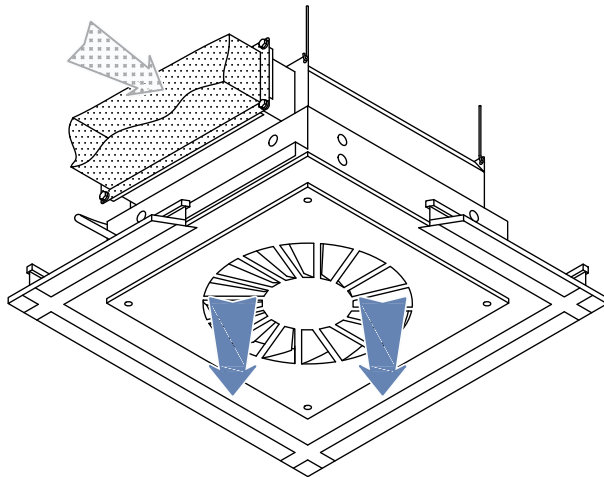
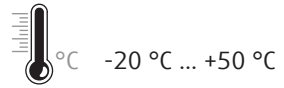
Maintenance



Transport, Storage and Operation



CF



Supplement

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