



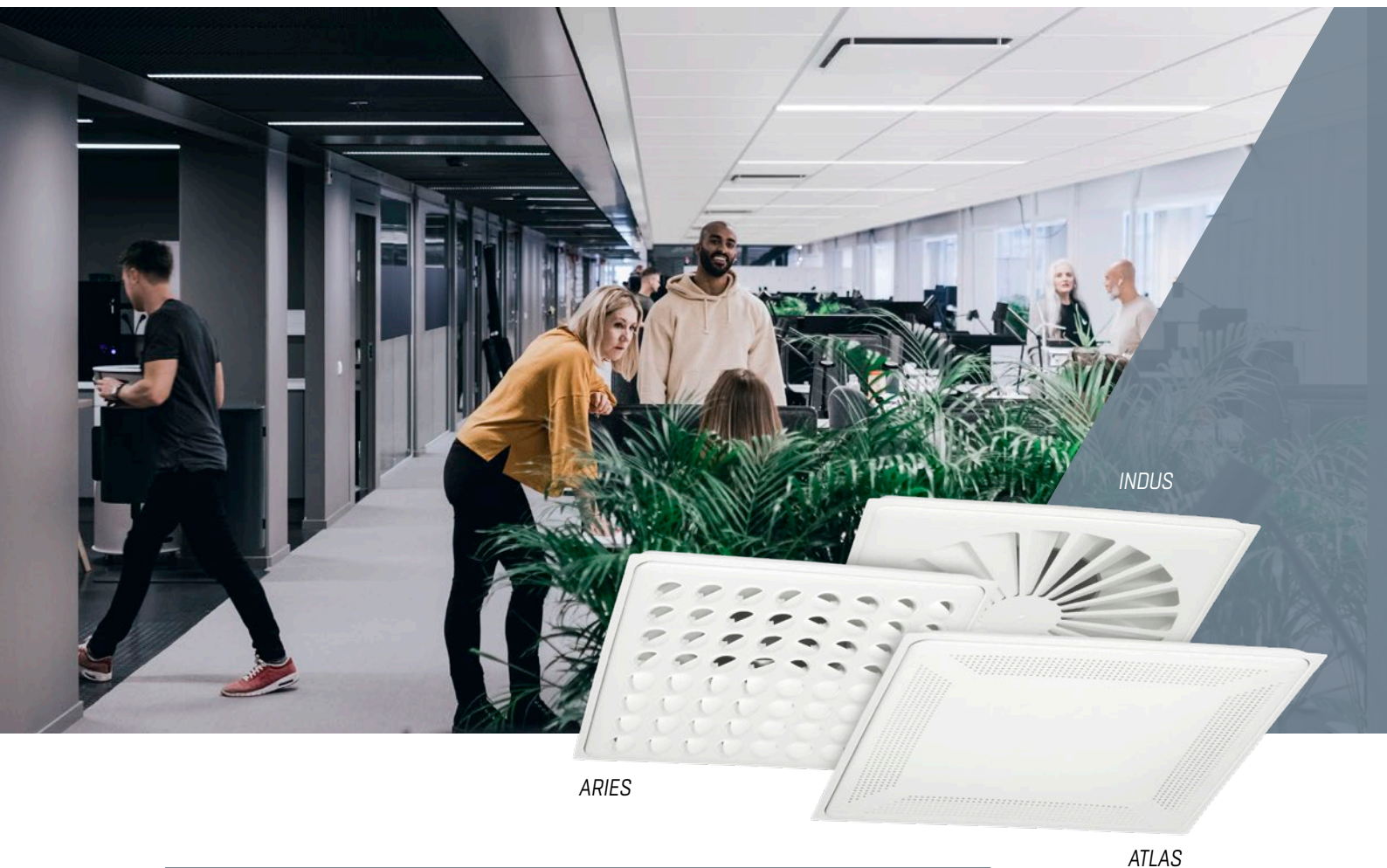
AIR MANAGEMENT & ATDs

DIFFUSERS & PLENUM BOXES

DIFFUSERS AND PLENUM BOXES FOR A PERFECT MATCH

» ATLAS, ARIES & INDUS DIFFUSERS + ATTD & ATTS PLENUM BOXES

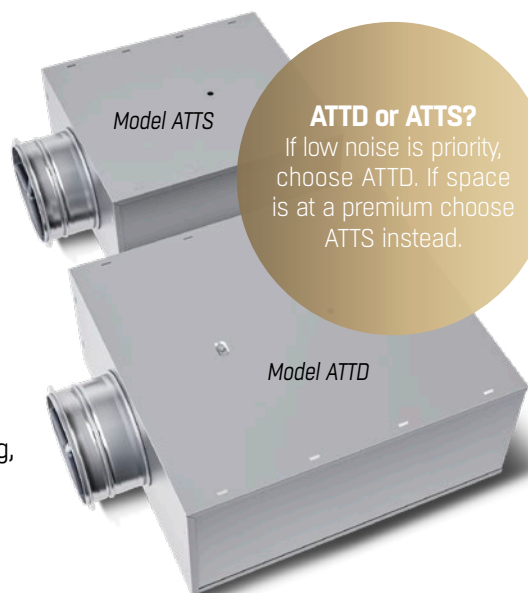




FAST, SMALL AND QUIET – DIFFUSERS AND PLENUM BOXES FROM FLÄKTGROUP

When we design ceiling diffusers and plenum boxes, like all our products, we consider every aspect of design, installation and usage to make them a better, quicker and easier choice for everyone involved. **The resulting ATLAS, ARIES and INDUS diffusers, just like the ATTD & ATTS plenum boxes, can offer a wide range of benefits for everyone.**

The lineup is easy to select, install, adjust and maintain. End-users can enjoy impressive noise performance and high comfort. A wide range of models and sizes comes well documented and ready-to-use in different design and selection software including, of course, our own product selection tool, "SELECT".



ATTD or ATTS?

If low noise is priority, choose ATTD. If space is at a premium choose ATTS instead.



CONVENTIONAL PLENUM BOX

Turbulence in the box can cause uneven air distribution through the diffuser.



ATTD PLENUM BOX

Improved geometry and sound absorbing materials leads to symmetric air flow and reduced noise levels, without requiring a duct buffer distance before the box.

The design and construction without outward joints presents boxes that are nice and easy to handle.

The magnetic holders keeping front plates in place are easily adjustable between a large and a small air slot.



Quick to commission, adjust and maintain

Setting air flow is easy and accurate. A small handle controls the regulation plate (can even be accessed through a diffuser nozzle). Level 0-1 is fine tuned with a screwing action and 1-5 is quick to set, sliding the dial. Lock the setting with a twist. The whole damper can be removed, with settings intact, to provide access for duct cleaning.



Fast, hands-free service mode

Diffuser front plates are held in place by magnets and can be opened one-handed by pulling. The front plate hangs by wires during service. The adjustable magnet holders will guide the front plate securely to snap-back into the correct position.

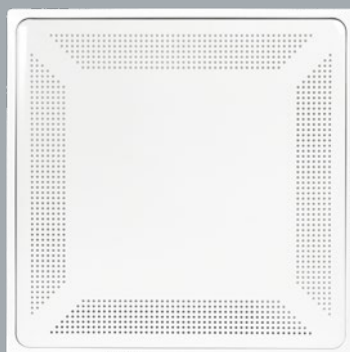


ATLAS

PLATE TYPE DIFFUSER



ATLAS 1 
RHOH (diffuser)



ATLAS 2 
RHHH (diffuser)



ATLAS 3 
ROPH (diffuser)



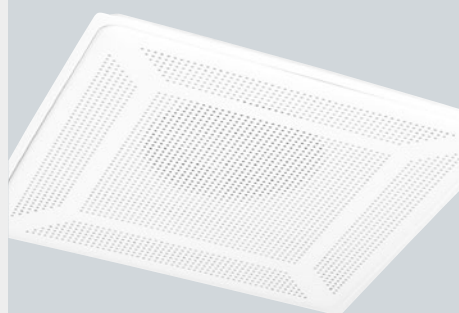
ATLAS 4 
RPPH (diffuser)



ATLAS 5
ROFC (diffuser with
integrated plenum box)



ATLAS 6
RPFC (diffuser with
integrated plenum box)



ATLAS 7 
HPKH (diffuser)



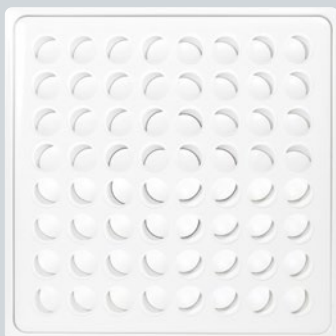
CREATE THE PERFECT FIT

ADAP is a series of adapters frames intended for use with diffusers in modular suspended ceiling systems. The adapter ensures that the diffusers can be easily installed and that a seamless look is achieved, regardless of which ceiling system is used. ADAP can be used with rectangular diffusers in dimension 535x535 and round diffusers ROPH, RPPH and DYRH.

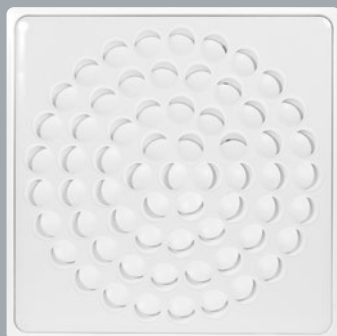
 = Suitable for both supply and exhaust air  = Only for extract air

ARIES

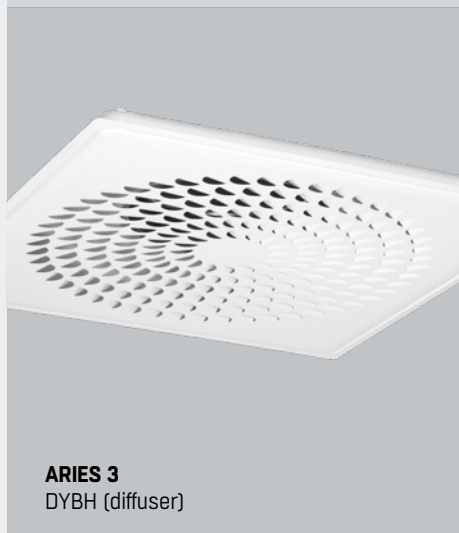
NOZZLE TYPE
DIFFUSER



ARIES 1
DYKH (diffuser)



ARIES 2
DYCH (diffuser)



ARIES 3
DYBH (diffuser)



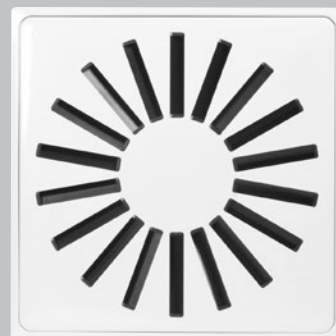
ARIES 4
DYRH (diffuser)



ARIES 6
DYFC (diffuser with
integrated plenum box)

INDUS

SWIRL TYPE
DIFFUSER



INDUS 1
VSKH (diffuser)

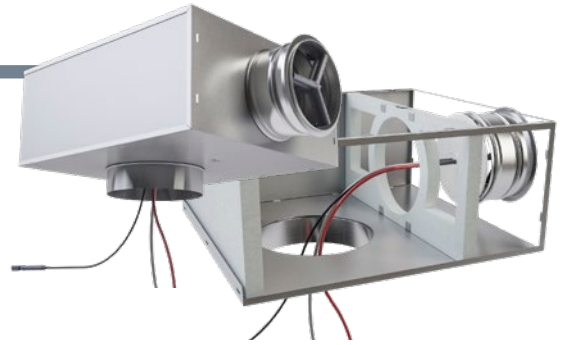


INDUS 2
VFKH (diffuser)



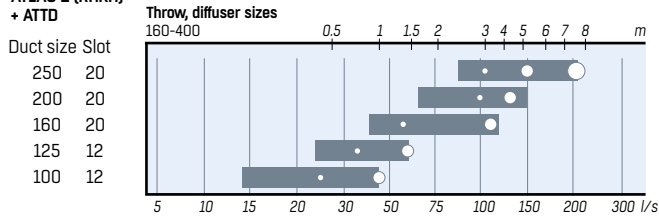
ATTD

The ATTD model is a full-grown, premium model with focus on comfort issues. Dual plates of sound attenuating fiber material provide low noise levels in combination with optimal air flow patterns.

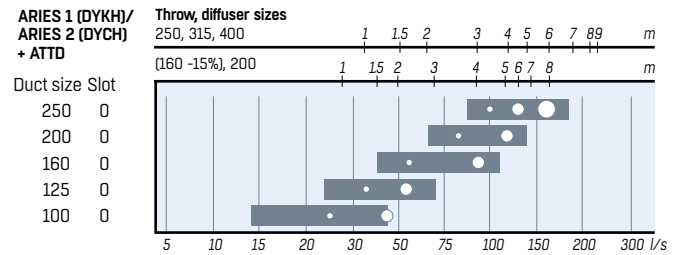


Quick selection at 50 Pa pressure drop (ATTD + diffuser, connection alternative 1:3, diffuser size 595x595 mm, 4-way diffusion)

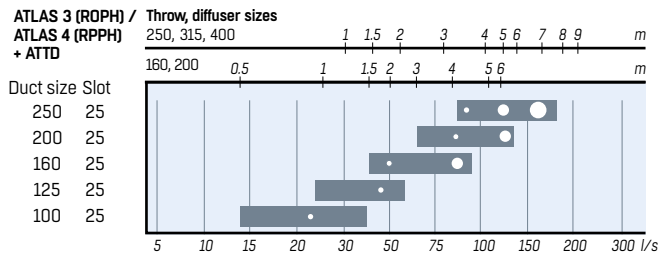
ATLAS 1 (RHOH)/ ATLAS 2 (RHKH) + ATTD



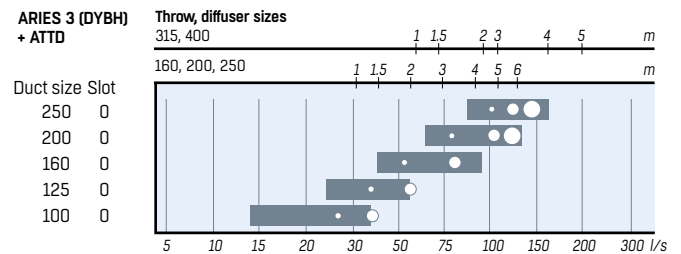
ARIES 1 (DYKH)/ ARIES 2 (DYCH) + ATTD



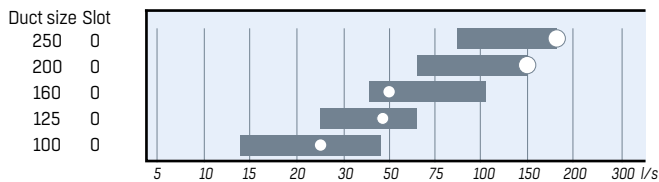
ATLAS 3 (ROPH) / ATLAS 4 (RPPH) + ATTD



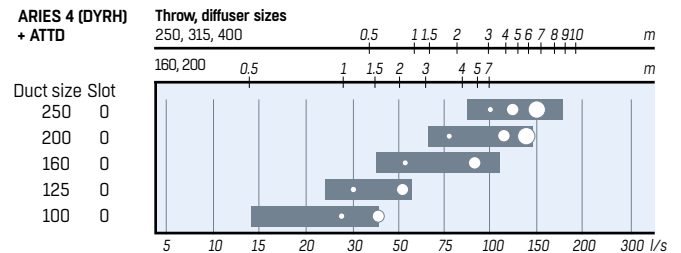
ARIES 3 (DYBH) + ATTD



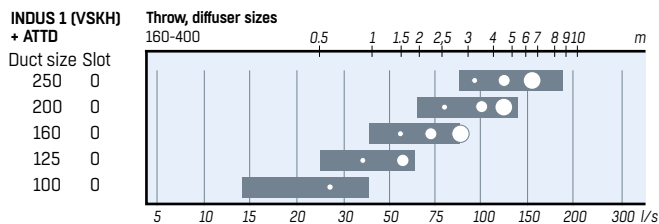
ATLAS 7 (HPKH) (extract) + ATTD **



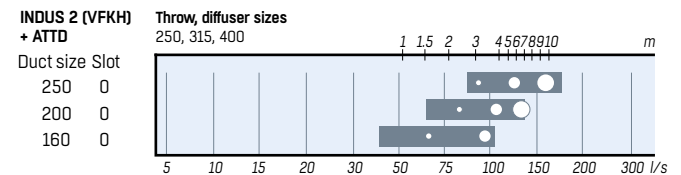
ARIES 4 (DYRH) + ATTD



INDUS 1 (VSKH) + ATTD

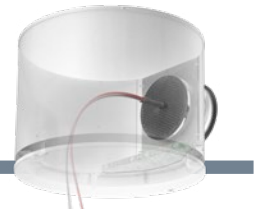


INDUS 2 (VFKH) + ATTD

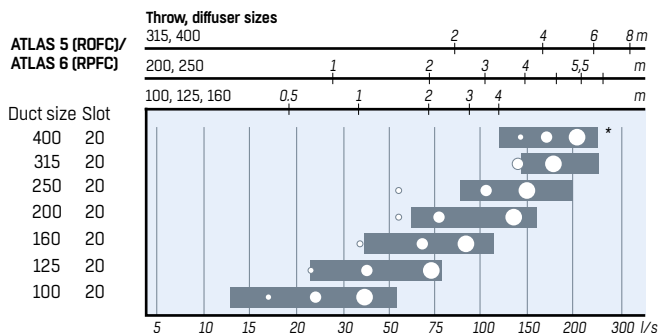


** Extract air diffuser. Minimum airflow based on supply air measuring pressure.

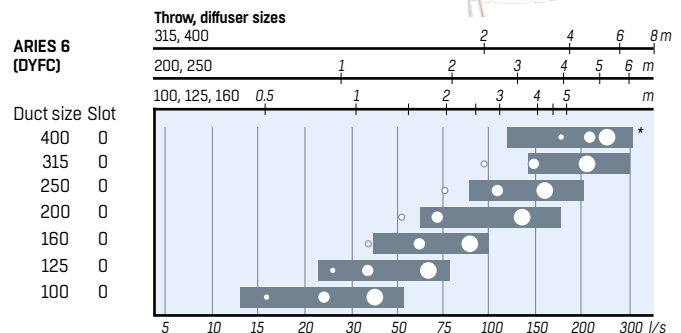
DIFFUSERS WITH INTEGRATED PLENUM BOX



ATLAS 5 (ROFC)/ ATLAS 6 (RPFC)



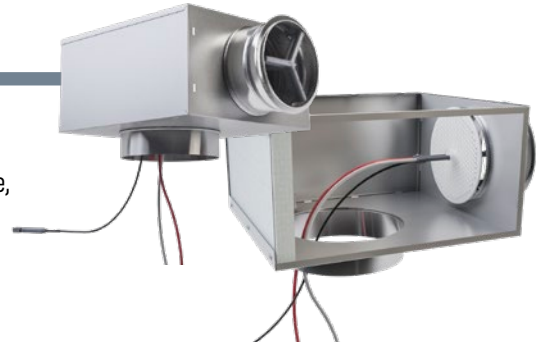
ARIES 6 (DYFC)



* Adjustment with IRIS (included).

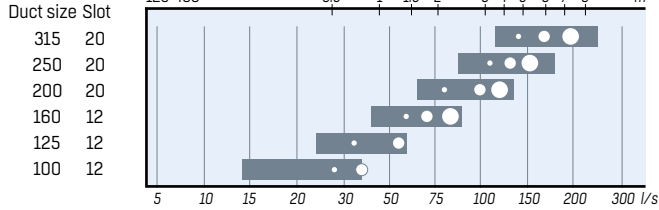
ATTS

When space is limited and you need to keep the installation as small as possible, ATTS is the right choice. This compact plenum box model requires a minimum of installation space while delivering good air flow and limited noise levels.

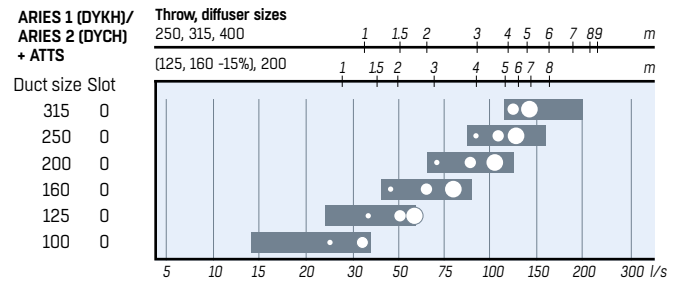


Quick selection at 50 Pa pressure drop (ATTS + diffuser, connection alternative 1:2, diffuser size 595x595 mm, 4-way diffusion)

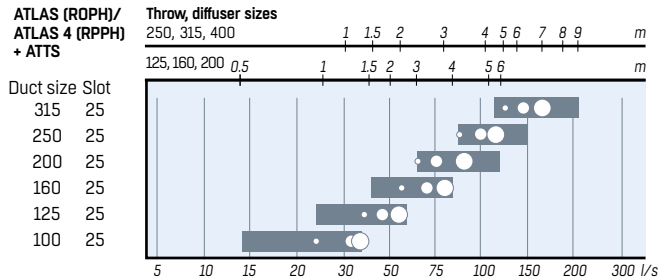
ATLAS 1 (RHOH)/ ATLAS 2 (RHKH) + ATTS



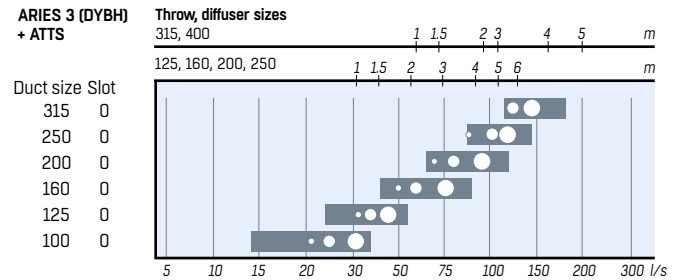
ARIES 1 (DYKH)/ ARIES 2 (DYCH) + ATTS



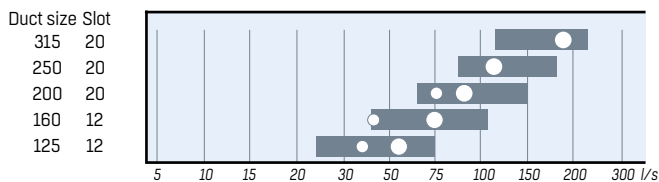
ATLAS (ROPH)/ ATLAS 4 (RPPH) + ATTS



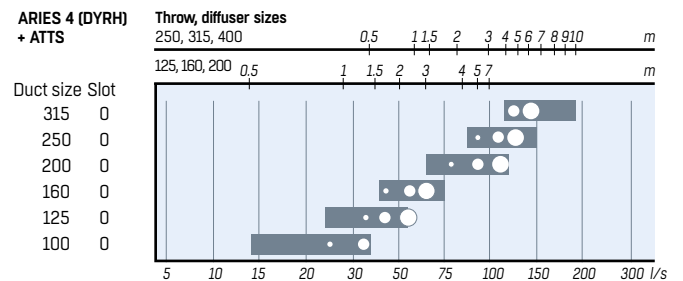
ARIES 3 (DYBH) + ATTS



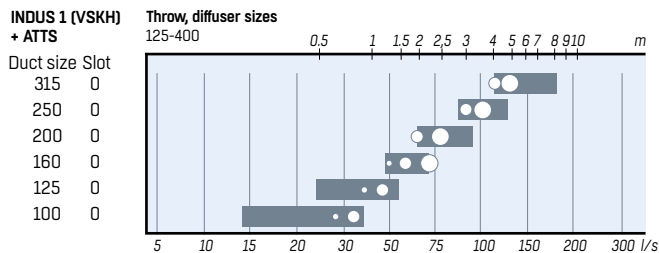
ATLAS 7 (HPKH) (extract) + ATTS**



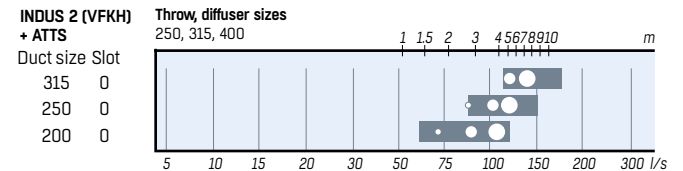
ARIES 4 (DYRH) + ATTS



INDUS 1 (VSKH) + ATTS

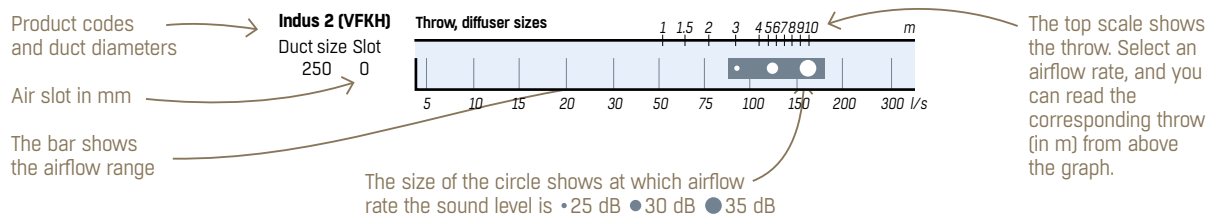


INDUS 2 (VFKH) + ATTS



** Extract air diffuser. Minimum airflow based on supply air measuring pressure.

How to read the quick selection guide



Example 1: ATTD connection alternative 1:3 = take duct size 160, diffuser size 250. Example 2: ATTS connection alternative 1:2 = take duct size 160, diffuser size 200.

EXCELLENCE IN SOLUTIONS

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DIFFUSERS & PLENUM BOXES 10066GB

FläktGroup is the European market leader for smart and energy efficient Indoor Air and Critical Air solutions to support every application area. We offer our customers innovative technologies, high quality and outstanding performance supported by more than a century of accumulated industry experience. The widest product range in the market, and strong market presence in 65 countries worldwide, guarantee that we are always by your side, ready to deliver Excellence in Solutions.

PRODUCT FUNCTIONS BY FLÄKTGROUP

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