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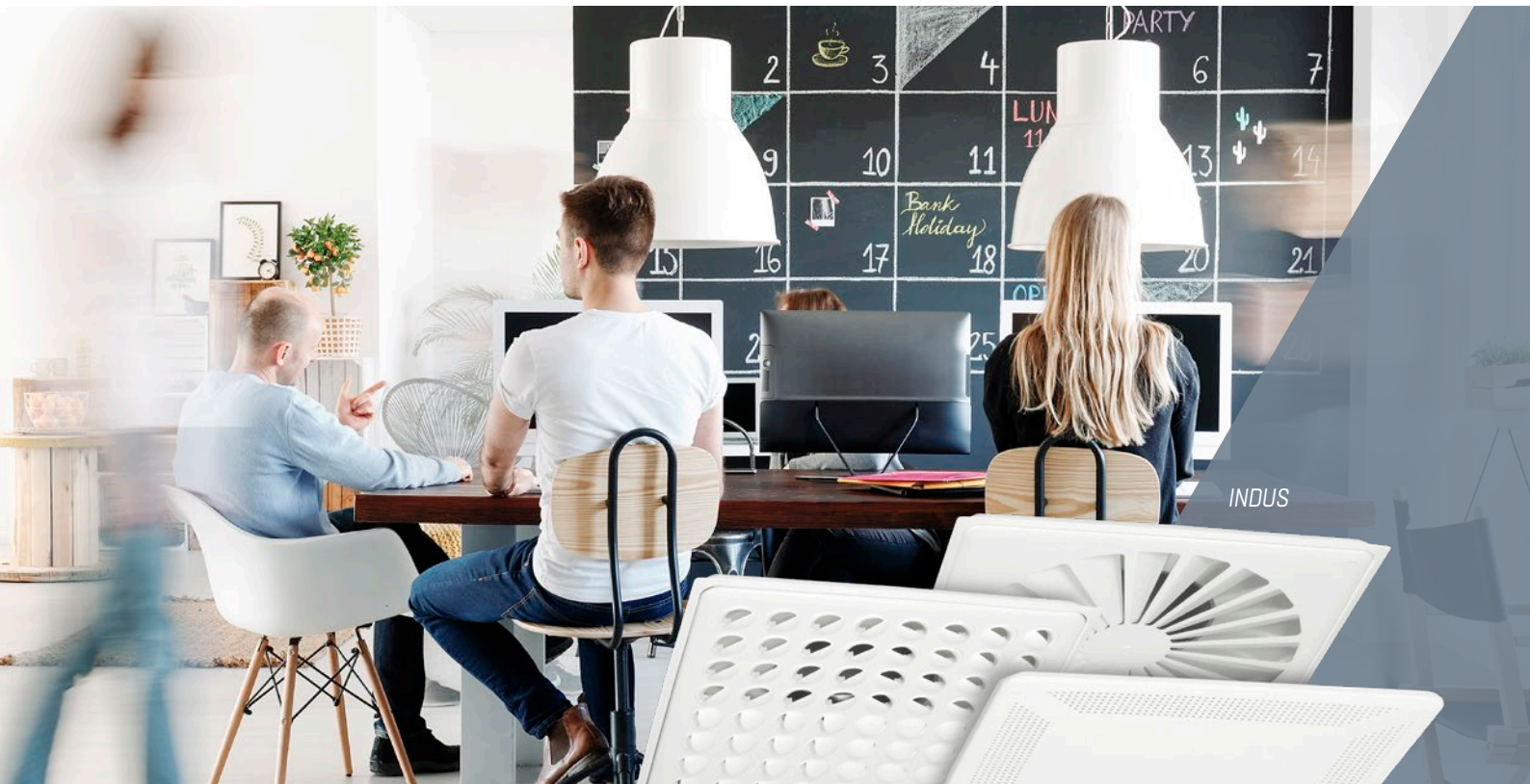
AIR DIFFUSION

DIFFUSERS & PLENUM BOXES

OPTIMISED FEATURES IN A PERFECT MATCH

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





ARIES

INDUS

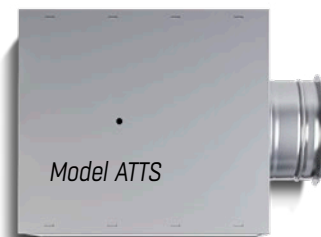
ATLAS

FASTER, SMALLER, QUIETER & BETTER IN MOST WAYS

For our new generation of ceiling diffusers and plenum boxes, we set out to improve on everything. To consider every aspect of design, installation and use to make it better, quicker and easier for everyone involved.

The result: ATLAS, ARIES and INDUS diffusers, just like ATTD & ATTS plenum boxes, are seriously competitive alternatives with benefits for everyone.

The new lineup is easier to select, install, adjust and maintain. Users can enjoy improved noise and comfort performance. An appropriate range of models and sizes come well documented and prepared for in different design and selection software including, of course, our own product selection tool, "SELECT".



Model ATTS



Model ATTD

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.



NEW 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.

New 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)
RHOB (diffuser + ATTD)




ATLAS 2 
RHHH (diffuser)
RHKB (diffuser + ATTD)



ATLAS 3 
ROPH (diffuser)
ROPA (diffuser + ATTD)



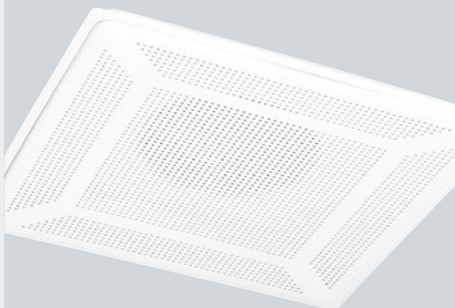
ATLAS 4 
RPPH (diffuser)
RPPA (diffuser + ATTD)




ATLAS 5
ROFB (diffuser with
integrated plenum box)



ATLAS 6
RPFB (diffuser with
integrated plenum box)



ATLAS 7 
HPKH (diffuser)
HPKB (diffuser + ATTD)

ARIES

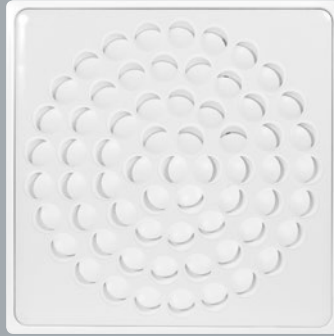
NOZZLE TYPE
DIFFUSER

INDUS

SWIRL TYPE
DIFFUSER



ARIES 1
DYKH (diffuser)
DYKC (diffuser + ATTD)



ARIES 2
DYCH (diffuser)
DYCC (diffuser + ATTD)



INDUS 1
VSKH (diffuser)
VSKB (diffuser + ATTD)



ARIES 3
DYBH (diffuser)
DYBA (diffuser + ATTD)



ARIES 4
DYRH (diffuser)
DYRB (diffuser + ATTD)



INDUS 2
VFKH (diffuser)
VFKB (diffuser + ATTD)



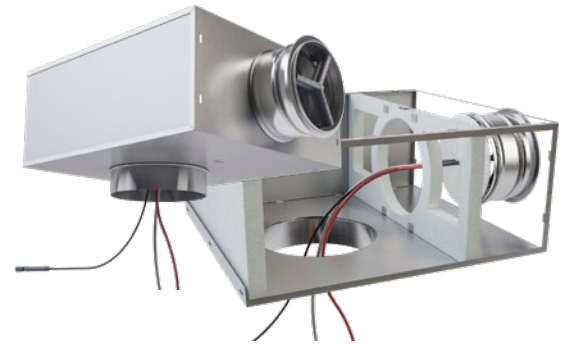
ARIES 5
DYSH (diffuser)
DYSC (diffuser + ATTD)



ARIES 6
DYFB (diffuser with
integrated plenum box)

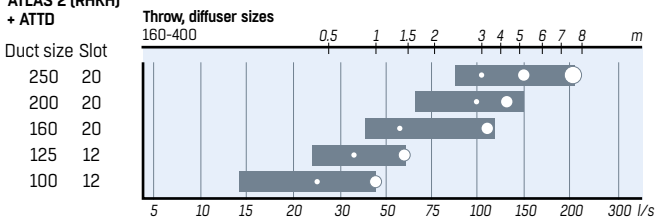
ATTD

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.

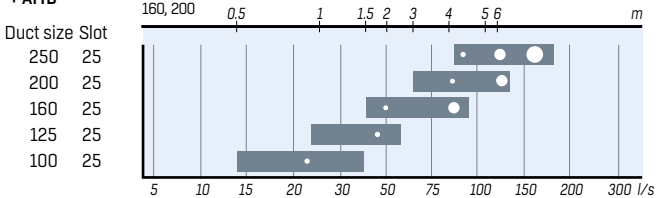


Quick selection at 50 Pa pressure drop (ATTD + diffuser, connection alternative 1:3, diffuser size 595x595 mm, 4-way diffusion)

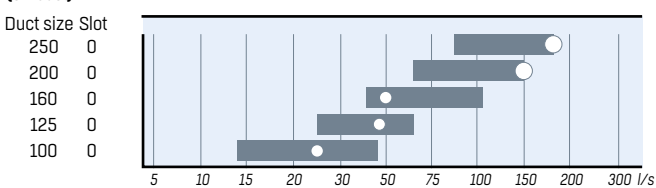
ATLAS 1 (RHOH)/ ATLAS 2 (RHKH) + ATTD



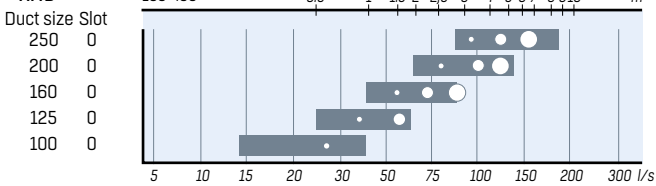
ATLAS 3 (ROPH) / ATLAS 4 (RPPH) + ATTD



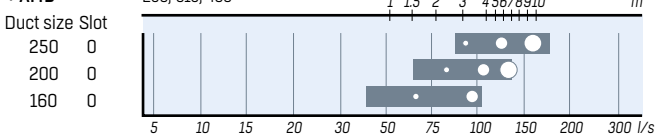
ATLAS 7 (HPKH) (exhaust) + ATTD**



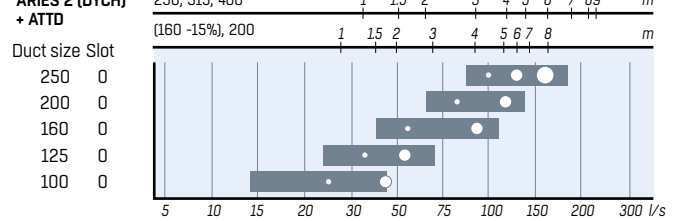
INDUS 1 (VSKH) + ATTD



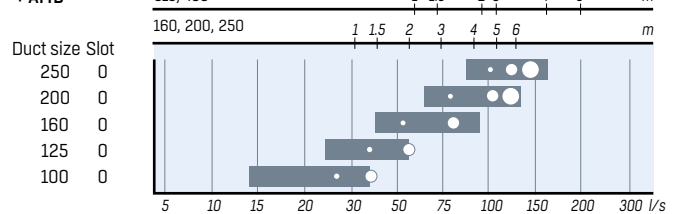
INDUS 2 (VFKH) + ATTD



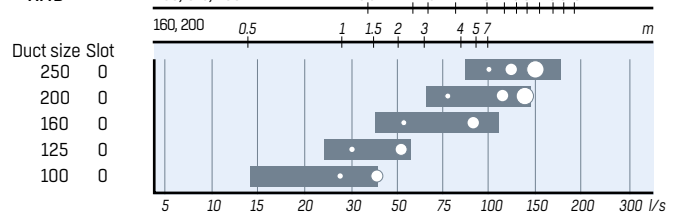
ARIES 1 (DYKH)/ ARIES 2 (DYCH) + ATTD



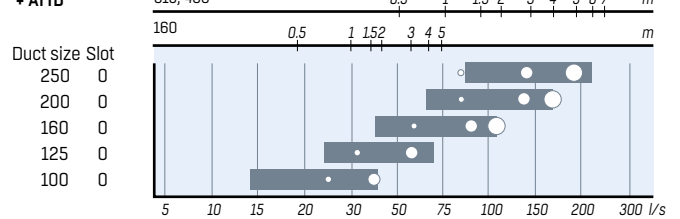
ARIES 3 (DYBH) + ATTD



ARIES 4 (DYRH) + ATTD



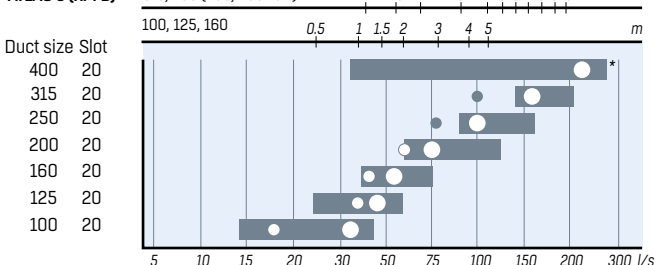
ARIES 5 (DYSH) + ATTD



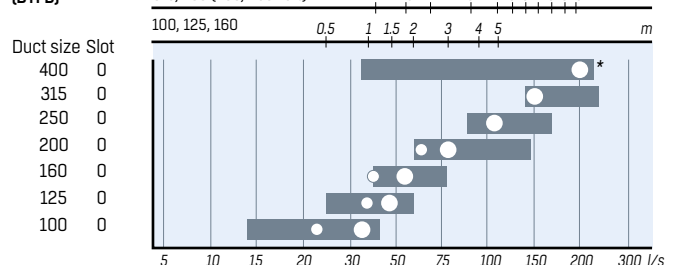
** Exhaust air diffuser. Minimum airflow based on supply air measuring pressure.

Diffuser with integrated plenum box

ATLAS 5 (ROFB)/ ATLAS 6 (RPFB)



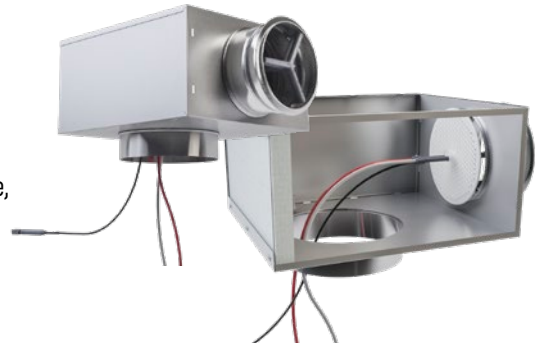
ARIES 6 (DYFB)



* Adjustment with IRIS (included).

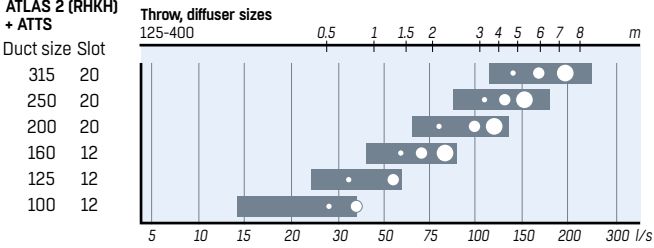
ATTS

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.

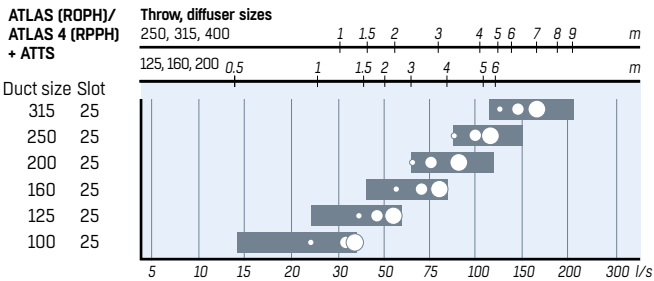


Quick selection at 50 Pa pressure drop (ATTS + diffuser, connection alternative 1:2, diffuser size 595x595 mm, 4-way diffusion)

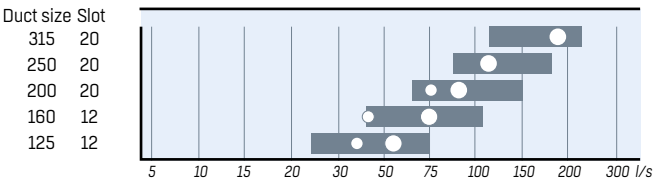
ATLAS 1 (RHOH)/ ATLAS 2 (RHKH) + ATTS



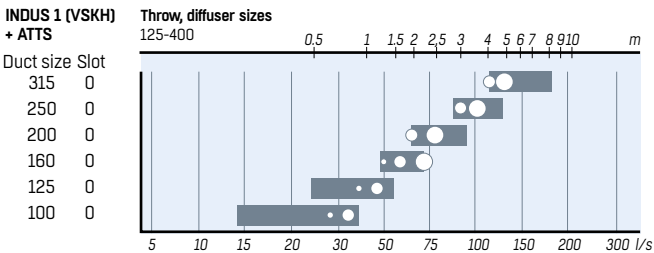
ATLAS (ROPH)/ ATLAS 4 (RPPH) + ATTS



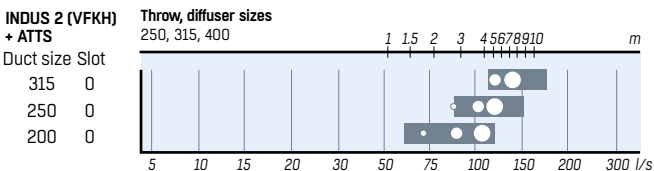
ATLAS 7 (HPKH) (exhaust) + ATTS**



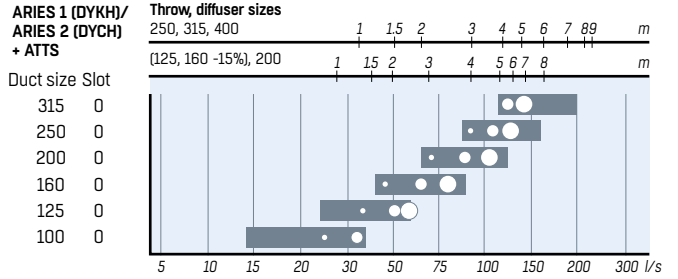
INDUS 1 (VSKH) + ATTS



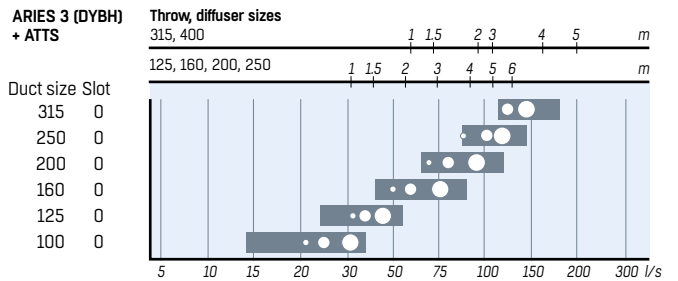
INDUS 2 (VFKH) + ATTS



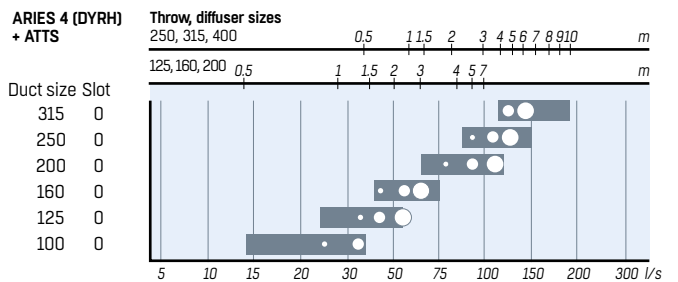
ARIES 1 (DYKH)/ ARIES 2 (DYCH) + ATTS



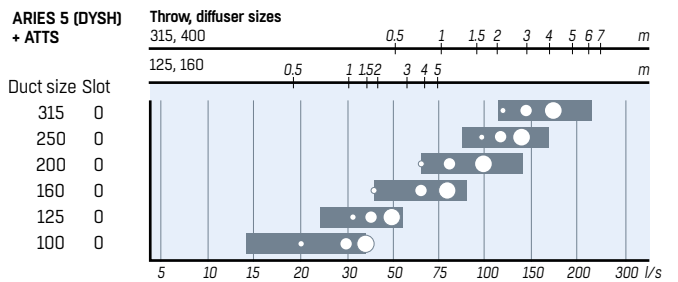
ARIES 3 (DYBH) + ATTS



ARIES 4 (DYRH) + ATTS



ARIES 5 (DYSH) + ATTS



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

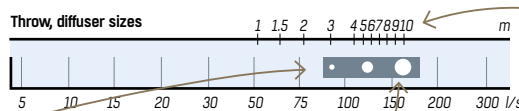
How to read the quick selection guide

Product codes and duct diameters

Air slot in mm

The bar shows the airflow range

Indus 2 (VFKH)
Duct size Slot
250 0



The size of the circle shows at which airflow rate the sound level is • 25 dB ● 30 dB ● 35 dB

The top scale shows the throw. Select an airflow rate, and you can read the corresponding throw (in m) from above the graph.

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.

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