

HALO-X supply air diffuser



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HALO-X is an ultra stylish supply air diffuser for coffered ceilings with a front plate where a 600×600 ceiling plate can be embedded. When a ceiling plate is selected to be used as the front plate, the diffuser will form a unified, finished entity with the rest of the ceiling. HALO-X functions silently and without draught and suits also exhaust air.

Air flow range

5-170 dm³/s, 18-612 m³/h

Duct sizes

Ø125-315

Material

Galvanized steel

Ventilation type

Diffusion ventilation

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Description

HALO-X forms a horizontal spreading pattern that can be directed in to 1, 2, 3, or 4 directions. The device suits a wide range of air flow rates which makes it a good option for a variety of projects.

The diffuser forms a distinctively stylish entity while attached in to the ceiling. HALO-X leaves the appearance finished. With its unique attachment mechanism, no attachment structures are visible from behind the front plate.

Thanks to it's innovative construct HALO-X can either be faded into the ceiling surface or brought out with a contrasting colored plate or an acoustics plate. This offers an interior designer or an architect a lot of possibilities to design the space up to its finest details.

For high-class air distribution

Due to the diffuser's functional structure, a wide-spread throw pattern that does not cause feeling of draught can be achieved. The throw-pattern can be directed in to 1, 2, 3, or 4 directions.

While using HALO-X and **FLO** plenum box, the advantages of FLO's highly accurate and sturdy adjustment mechanism can be used.

Multiple options for installation

HALO-X suits coffered ceilings with a 600×600 attachment plate. A smaller collar joint attachment plate can be used when diffuser is placed on an even ceiling.

HALO diffusers also suit exhaust air. In this case we recommend using FLO plenum box.

Qualities:

- customizable front plate for finished look
- horizontal throw-pattern
- directable throw-pattern
- for 600×600 coffered ceilings

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SEE ALSO DESIGN DIFFUSER HALO

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Product code

HALO – **X** – **125** – **600**
1 2 3 4

1 = HALO for supply air, HALOi for exhaust air

2 = HALO-X

3 = Duct size 125-315 mm

4 = with a 600×600 mm attachment plate

HALO-125 = HALO for supply air, for an even ceiling

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Quick guide

Supply air

Exhaust air

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Dimensions

HALO-X supply air diffuser

Dimensioning

Not intended for adjustment.

HALO-X

Without a plenum box, into four directions

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Dimensioning HALO-X + FLO Supply air

Not intended for adjustment.

HALO-X-125 + FLO-100-125 Supply air

HALO-X-125 + FLO-125-125 Supply air

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HALO-X-160 + FLO-100-160 Supply air

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HALO-X-160 + FLO-125-160 Supply air

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HALO-X-160 + FLO-160-160 Supply air

HALO-X supply air diffuser

HALO-X-200 + FLO-125-200 Supply air

HALO-X supply air diffuser

HALO-X-200 + FLO-160-200 Supply air

HALO-X supply air diffuser

HALO-X-200 + FLO-200-200 Supply air

HALO-X supply air diffuser

HALO-X-250 + FLO-160-250 Supply air

HALO-X supply air diffuser

HALO-X-250 + FLO-200-250 Supply air

HALO-X supply air diffuser

HALO-X-250 + FLO-250-250 Supply air

HALO-X supply air diffuser

HALO-X-315 + FLO-200-315 Supply air

HALO-X supply air diffuser

HALO-X-315 + FLO-250-315 Supply air

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HALO-X-315 + FLO-315-315 Supply air

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Dimensioning HALOi-X + FLO Exhaust air

Not intended for adjustment.

HALOi-X-125 + FLO-100-125 Exhaust air

HALOi-X-125 + FLO-125-125 Exhaust air

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HALOi-X-160 + FLO-100-160 Exhaust air

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HALOi-X-160 + FLO-125-160 Exhaust air

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HALOi-X-160 + FLO-160-160 Exhaust air

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HALOi-X-200 + FLO-125-200 Exhaust air

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HALOi-X-200 + FLO-160-200 Exhaust air

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HALOi-X-200 + FLO-200-200 Exhaust air

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HALOi-X-250 + FLO-160-250 Exhaust air

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HALOi-X-250 + FLO-200-250 Exhaust air

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HALOi-X-250 + FLO-250-250 Exhaust air

HALO-X supply air diffuser

HALOi-X-315 + FLO-200-315 Exhaust air

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HALOi-X-315 + FLO-250-315 Exhaust air

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HALOi-X-315 + FLO-315-315 Exhaust air

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Throw pattern and length

Throw pattern

Throw length

4 directions

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Throw length data values are measured with isothermal supply air.

Air flow is directed at 4 directions, installed against the ceiling, without a plenum box.

No. of directions	Throw length $L_{0,2}$	Sound level dB(A)
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Data applies to both HALO and HALO-X.

We recommend using FLO plenum box.

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