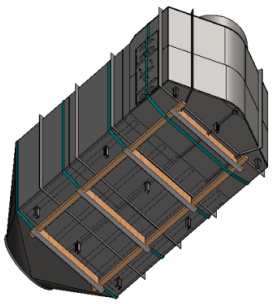
ASS

www.t2e.com.br | t2e@t2e.com.br

ACOUSTIC – Acoustic Silencer Solution (ASS)

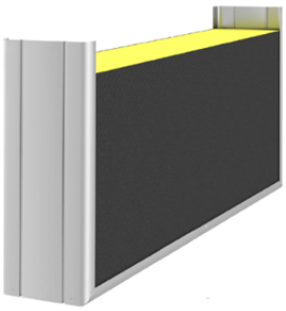
The ASS (Acoustic Silencer Solution) Sound Attenuator is a noise attenuation solution for installations where removal of the acoustic elements is required. Engineered to meet site noise limits—whether due to environmental legislation or operational requirements—its design allows any operation or maintenance technician to easily remove the baffle inserts for replacement, inspection, cleaning, or CIP.

Our experience allows us to guarantee noise reduction to target levels for both exhaust air (stacks) and air intake systems.



Technical Features:

- Metallic casing, fully in stainless steel, with tight-sealing access door and gaskets.
- Suitable for outdoor installation (rooftop).
- Absorption-based acoustic attenuation.
- Biosoluble absorption media, hygienically safe.
- Absorption media lined with erosion-resistant protection;
- Non-combustible absorption media;
- Operating temperature up to 100 °C;
- Broadband attenuation including high-frequency ranges;
- **Suitable for potentially explosive atmospheres (ATEX);**
- **Low pressure drop;**
- **Can be supplied as an integrated unit with our TRE or TRR systems;**



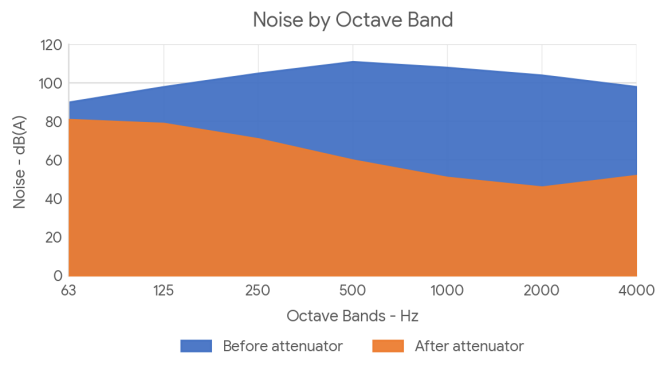
Notice: This is a heavy-duty, engineered solution. Simpler noise attenuation alternatives exist on the market, which we do not supply as they lack engineering reliability. Our system is specifically designed for clients who require removable baffle inserts and CIP-cleanable installations.

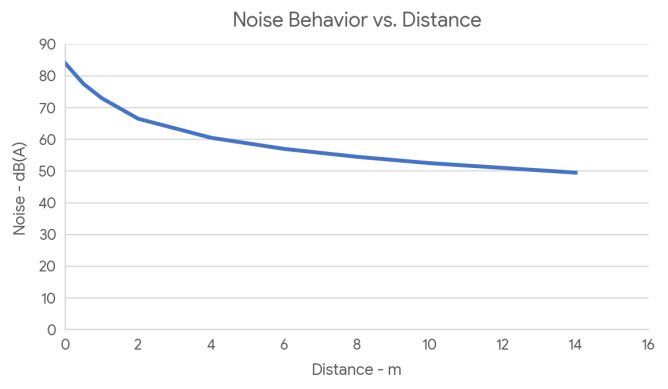
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ACOUSTIC – Acoustic Silencer Solution (ASS)

Practical Example:

Installation location:	Process gas exhaust stack;
Air flow rate:	120,000 m³/h
Temperature:	85 °C
Air humidity:	40 g/kg dry air
Casing height:	2,900 mm
Casing width:	2,900 mm
Casing length:	5,800 mm
Inlet noise:	114 dB(A)
Guaranteed outlet noise:	< 75 dB(A) measured at 1 m
Pressure drop:	40 mmWC





Photos:





Prolonged exposure to loud noise without hearing protection may cause permanent hearing loss. For permissible exposure time limits, consult OSHA Safety Standards.

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