



EXHAUST SILENCERS

For Powerfull series generating sets

M, C, S and SS versions

Forward:

The Powerfull series generating sets are all equipped with industrial exhaust silencers, the main characteristics are:

- An elevated level of acoustic insulation and sound impediment
- Limited exhaust back pressure⁽¹⁾
- Good thermal isolation of the exterior
- Restricted over-all dimensions⁽¹⁾

Technology / Construction

The cylindrical frame of the silencer is constructed from steel sheets. The exhaust gas tubing is made from micro-drilled metal sheets and the gap between the two tubing cases is filled with a heat resistant fibre material. Terminals are foreseen for the entry and exit of the fumes where the flange coupling can be welded.

Two types of standard silencers are available: **MS** type (*with nominal noise reduction at 15dBA*) and the **MSRa** type (*with nominal noise reduction at 28-30dBA*). One or the other is supplied depending on the version of the generating set ordered or the noise reduction requested, while the dimensions are tied to the generating set's power range.

Exhaust line and standard equipment

Genset version	Silencer model	Notes
M (open) C (cover)	MS	In the M genset version, the exhaust silencer and flex are supplied. The assembly of these accessories and the construction of the exhaust canal are not included; this is the installer's responsibility. For C version genset, see note for S-SS versions.
S (silent) SS (super silent)	MSRa	In the S and SS genset versions, the exhaust silencer, flex and rain cap (already mounted) are supplied. The construction of the exhaust canal remains the installer's responsibility.

Note:

Accessories for the proper construction of the exhaust canal can be supplied on request, for ex. flanges, supports, rain cap or other items.

⁽¹⁾ The allowed and residual exhaust back pressure values needed to correctly determine the exhaust line and over-all dimensions are available upon request.

