ALPHAfon - IC

GENERATOR SOUND INSULATION COVER

APPLICATIONS

Generator Sound Insulation cover **ALPHA*fon* - IC** is used for noise control of the small and big sized generators to minimize the emission of noise in generation sets.

DESCRIPTION

The sound insulation cover for power generators consists of the following parts:

- FRAME
- SOUND INSULATION PANELS
- ACOUSTICS DOORS
- SOUND TRAPS FOR INLET AND OUTLET PATHS OF COOLING AIR
- MUFFLER FOR GASES EXHAUST

TECHNICAL CHARACTERISTICS

The frame is made of standardized aluminum or metal profile. The lower horizontal part of the fame is supported on the ground or in the base of the machine

The sound insulation elements are made of specially designed metal panels **ALPHA*fon* MB** or galvanized steel foil filled with sound absorbing materials which are incombustible and do not produce harmful fumes in the presence of flame.

Acoustic doors can be installed on every side of the cover. Their exact position is determined according to each project's specifications, in order to ensure the unobstructed maintenance of the generator (oil filters, batteries, etc.). The doors are equipped with a revolving handle and two special hinges.
Specially designed sound traps are installed in the air suction and extraction paths. These sound traps provide a low reduction of air pressure and do not have an adverse influence in the cooling of the generator. Protective grills can be installed at the external side of the soundtraps.
If it is required, a special muffler **ALPHA*fon* SE** can be installed in the fume extraction path.

The total sound insulation provided is 30 dB.

There are different sound insulation capabilities from 20 to 35 dB.

Design and Production according to Quality Management System ISO 9001&Environmental Management System ISO 14001

ALPHA ACOUSTIKI

ALPHA ACOUSTIKI S.A.
T:+30 210 6779875
EUID: ELGEMI.004207401000
info@alphacoustic.com