

Boilers and HRSG Noise Control

Heat Recovery Steam Generators (HRSG) and large industrial boilers are among the highest sources of noise pollution in the power generation, oil, gas and industrial sectors. IAC Acoustics designs and manufactures complete noise control solutions for installations, based on more than 60 years experience with equipment in operation all over the world.

Product Range

- **Vent silencers**
- **Flue gas silencers**
- **Fresh air and recirculation fan silencers**
- **Complete acoustic packages**

Vent Silencers

All vent silencers from IAC Acoustics are custom-designed to suit individual projects, depending on the equipment, fluid and operating conditions. Designed and manufactured according to ASME B31.3, ASME VIII div. 1 and PED 97/23 EC, up to 65dBA noise reduction can be achieved without the need for additional acoustic treatment. Specialist packages and materials can be used for extreme operating conditions such as desert, tropical or icy environments. All vent silencers have OEM integration with the following:

- Safety valves
- Relief / start-up valves
- Blow down tanks



Our splitter silencers can be used both horizontally and vertically and create a very low pressure drop. In addition to this, an additional benefit of our silencers is OEM integration of the entire exhaust system including:

- Primary
- By-pass
- Diverter
- Flue gas silencers



Fresh Air & Recirculating Fan Silencers

These types of silencers are designed to control the low frequency noise created by boiler burners. IAC Acoustics has the capability to produce a large selection of standard air intake silencers for both circular and rectangular systems and suction and discharge applications.

Flue Gas Silencers

IAC Acoustics provides a custom-made solution for boiler and HRSG flue gas treatments including:

- Acoustic splitter panels in stacks
- Acoustic splitter panels in outlet casings

