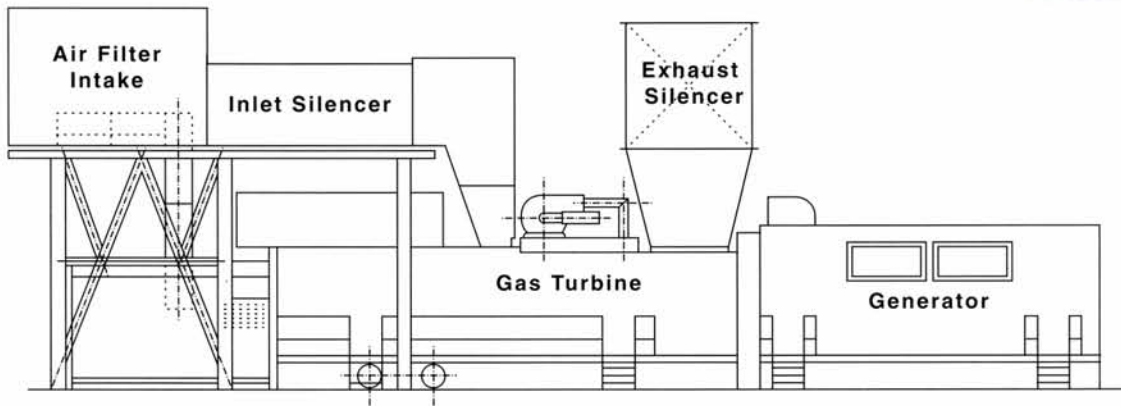


# NAP Gas Turbine Exhaust Silencers

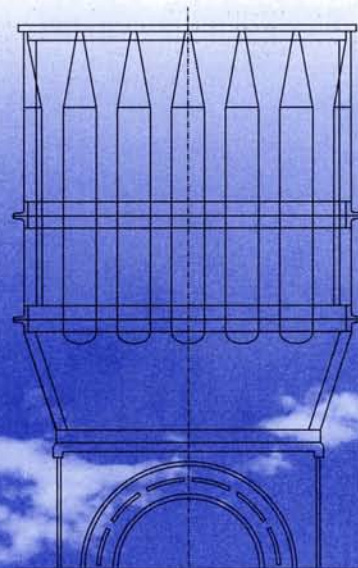
NAP Silentflo's wide experience in the design and manufacture of a comprehensive range of industrial silencers enables the Group to offer a comprehensive selection of gas turbine exhaust silencers.



- Designs available to suit all types of turbines.
- Rectangular or circular cross section.
- Robust fully welded case in high temperature, weather resistant steels, boiler plate or stainless steel.
- Internal absorption with glass cloth and stainless steel mesh protection.
- Stainless steel perforated sheet in 1.6mm to 3.0mm thicknesses, available in a variety of stainless steel.
- Vertical or Horizontal orientation, to suit project requirements.
- Standard finish in multicoat high temperature paint system or hot metal spray plus silicone sealer (total DFT 200 microns).
- Can be designed to achieve a range of noise criteria, including 85 dB(A) at 1 metre, or, for example, community criteria such as NR55 at 100 metres.
- Designed for lifetime operation of prime power units.

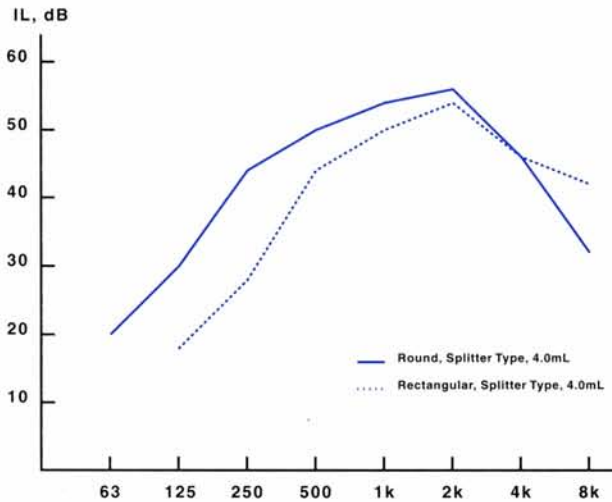
## Applications

- Prime Power Generation
- Gas Drive Compressor Stations
- Pumping Stations
- Peak lopping generators
- Petrochemical installations
- Process and chemical plants
- Offshore Platform installations
- LNG Plants
- Standby generating units



# NAP Gas Turbine Exhaust Silencers

Typical IL Values



## Pressure Drop

Normally less than 0.5kPa. Will vary according to entry conditions, installation and other specific site factors. Transitions, stacks and rain hoods will also affect the total pressure loss.

NAP Silentflo silencers are available in a range of configurations to suit individual requirements. NAP Silentflo Gas Turbine Exhaust Silencers have been supplied to all major manufacturers, including Solar, GEC Alstom, Rustons, Allison, Hitachi, Nuovo Pignone, Rolls Royce and all major manufacturers.

## Performance

Will vary from application to application and according to turbine type and client specification. Each project is purpose designed to suit these specific requirements.

Damped casings are available as an option in order to reduce low frequency noise break out.

## Regenerated Noise

Passage velocities are selected to maximise silencer life and reduce regenerated noise levels. In ultra quiet situations special sizings may be required, particularly when residential communities may be impacted by dominant low frequency exhaust components of the sound.

## NAP Silentflo Gas Turbine Exhaust Silencers

- Proven
- Durable
- Reliable
- Widest Reference List

For further details on specific projects and for details on our extensive range of Gas Turbine Silencers, please contact NAP Silentflo.

[www.nap.com.au](http://www.nap.com.au)

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