



## THERMAL AFTERBURNING FOR PURIFYING EXHAUST GASES

### System description

Thermal afterburning is a very flexible and effective method for purifying exhaust gases. All organic and many inorganic pollutants that can occur in the exhaust gas can be burned in a TNV. For combustion additional combustion air (or oxygen) and an additional fuel is needed. In most cases natural gas is used as fuel. At temperatures of 700 – 1200 °C, the pollutants are oxidized and thus made harmless to the environment. The temperature depends on factors including the composition and concentration of the exhaust gases.

### Advantages at a glance

- high flexibility and efficiency

### Technical details

min. volume flow rate	380 Nm <sup>3</sup> /h
max. volume flow rate	950 Nm <sup>3</sup> /h
Combustion temperature	950 °C
Gas performance	350 kW

