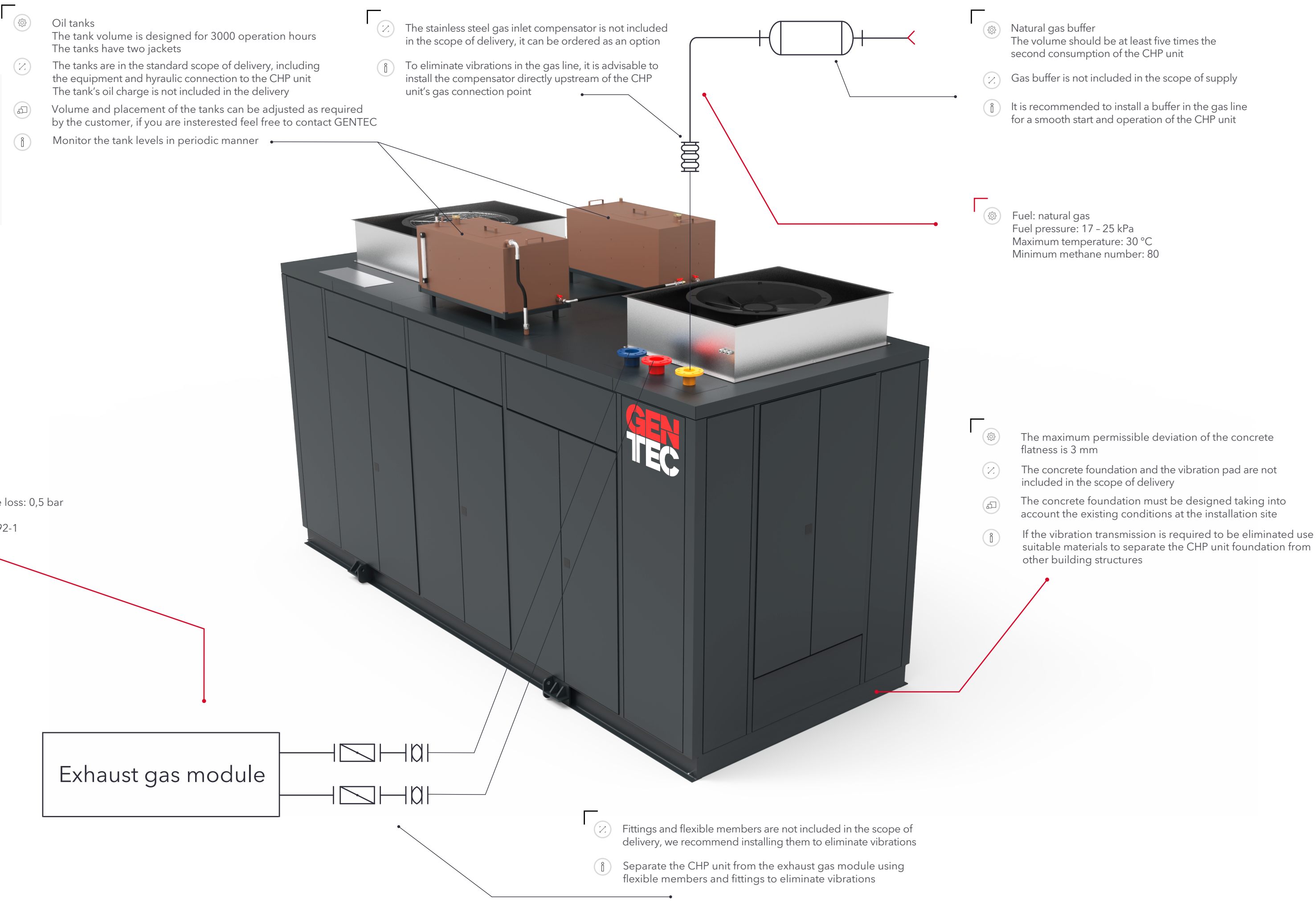


Instructions KE - MNG 1200-ASE

Valid for the version in sound enclosure and partly on the frame



Instructions

KE - MTUNG 1200-ASE

Valid for the version in sound enclosure and partly on the frame

- Stainless steel exhaust gas outlet compensator is not included in the scope of delivery
- The stainless steel flange compensator or the fabric compensator can be applied as an option
- To eliminate vibrations in the pipe, it is advisable to install the compensator directly on the outlet exhaust gas flange from the CHP unit. The compensator compensates for the pipe expansion

- Air engineering noise silencers
Sound pressure level of the silencer: 80 dB(A) at 1 m
- The standard scope of supply includes two pieces of a separately loaded air engineering noise silencer
- Contact GENTEC for more information on other attenuation option

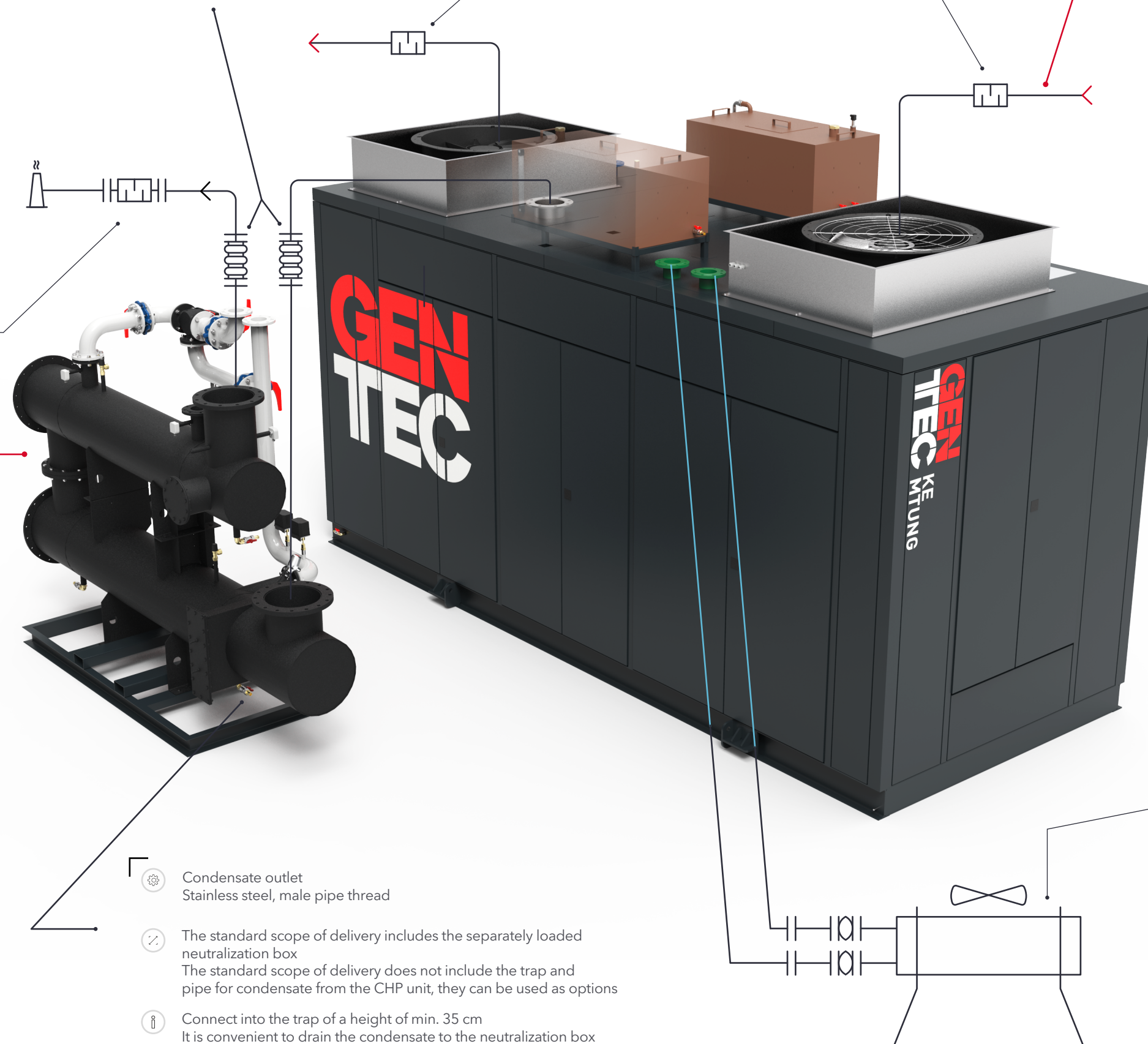
- Medium: air
Medium temperature: max. 35 °C
Maximum pressure loss: 50 Pa
Nominal flow rate: 21600 m³/h
- Two fans are included in the standard delivery
- Combustion air can be sucked from the CHP unit's engine room or from the outside environment
- Place the air engineering outlet outdoors
Equip the air engineering system with a heat recirculation by-pass

- Exhaust gas line noise silencer
Sound pressure level of the silencer: 80 dB(A) at 1 m from the output flange of the silencer
- The standard scope of supply includes one separately loaded stainless steel silencer
- Horizontal or vertical, stainless or carbon steel, sound pressure up to 45 dB(A) at 1 m
- Ensuring a firm and rigid fit of the silencer
Suitable to drain the condensate to a neutralization box via a trap at a min. height 35 cm
Choose the design solution for a trouble-free cleaning of the trap

- Medium: natural gas exhaust gases
Medium temperature: 80 °C
Maximum medium pressure: 6 kPa
Nominal flow rate: 6700 kg/h
- The standard scope of supply is an additional exhaust heat exchanger for increased heat efficiency and an oxidation catalytic converter. The exhaust gas modules is thermally insulated
- Optional choice of a modified catalytic converter for further emission reduction, it can be used as an option
- Comply with the maximum permissible fume duct back pressure according to the data sheet, avoid high exhaust gas velocities in the fume duct

Key

- technical parameters
- scope of delivery
- version options
- recommendations



- Condensate outlet
Stainless steel, male pipe thread
- The standard scope of delivery includes the separately loaded neutralization box. The standard scope of delivery does not include the trap and pipe for condensate from the CHP unit, they can be used as options
- Connect into the trap of a height of min. 35 cm
It is convenient to drain the condensate to the neutralization box
Choose the design solution for a trouble-free cleaning of the trap

- The standard version where the electric output is delivered through the sound enclosure top, the option delivering the electric output through the sound enclosure side is available
- The control and power switchboard is delivered as a separately loaded component as standard, for more information contact GENTEC. The standard voltage level is 0,4 kV, it can also be delivered in the 6,3 kV and 10,5 kV versions

- Dry cooler
Acoustic pressure level: 65 dB(A) v 10 m
Ambient air temperature max.: 35 °C
Horizontal version
Ventilators with asynchronous electric motors
- Separately loaded dry cooler and counter flanges for the dry cooler connection points are included in the scope of delivery. Flexible members are not included in the scope of deliver, they can be used as an option
- Vertical or horizontal, the sound pressure up to 40 dB(A) at 10 m, it can be dimensioned for the ambient air temperatures above 35 °C
- Perform installation according to the installation instructions
Separate the dry cooler from piping using the flexible members