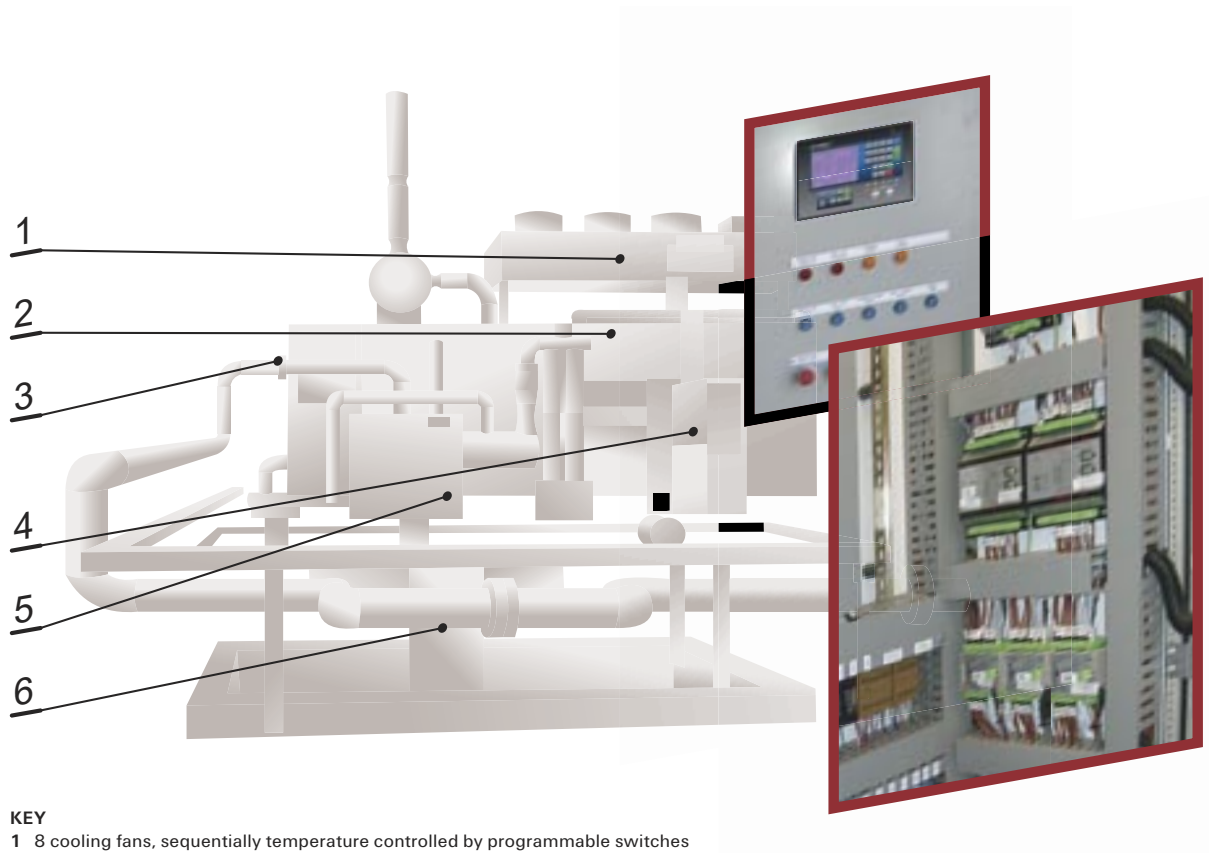


# Landfill gas generator



## KEY

- 1 8 cooling fans, sequentially temperature controlled by programmable switches
- 2 Jacket water and oil circulation pumps
- 3 Bypass valve
- 4 Gas chiller
- 5 Gas blower fan controlled by PID loop through variable speed drive
- 6 Knockout pot and pump controlled by programmable switch

## Description

- Gas engine driven generator is running on landfill gas.
- A lot of auxiliary equipment is needed to accomplish stable run of gas engine in conditions of varying gas quality, temperature and pressure.
- All analog and binary signals both from engine and from auxiliary systems are measured by IS-NT and its accessory modules.
- Complete control of auxiliary technologies is done by built-in PLC module.
- Usage of PLC module in IntelliSys resulted in big savings both in costs of hardware and in engineering time.
- All data measured from auxiliary equipment are stored in history file, a feature significantly simplifying troubleshooting.
- Remote control and monitoring via wireless modem.

## Scope of supply

- 1× IS-NT
- 1× IG-AVRi + IG-AVRi-TRANS/LV
- 1× IS-AIN8
- 2× IS-BIN16/8
- 3× IGS-PTM
- 1× Wireless modem (not delivered by ComAp)

**LANDFILL GAS  
GENERATOR**