



It's not waste. It's energy.

# High Temperature Gas flares

Longevity ensured by high-quality materials



AAT flares of type FA 50HT - 2000HT is used for the combustion of biogas, sewage gas or landfill gas.

The flares are made completely of stainless steel with a high temperature insulation which makes them robust to weather influences and heat up to 1.400°C.

The partially covered combustion protects the flames against wind and prevents failure.

In order to ensure simple handling and a high degree of safety, the AAT flare systems have been fitted with a fully automatic ignition and a flame monitoring system.

High-quality and certified components as well as a fully developed control ensure high security and little susceptibility to interference.

AAT flare systems are turn-key solutions and include mounting material. It can be mounted and commissioned by local specialists.

#### Advantages:

- ✓ Material: Stainless steel 1.4301 (SS304)
- ✓ High temperature insulation up to 1.400°C
- ✓ Gas pressure > 25 mbar
- ✓ Condensate outlet by ball valve
- ✓ Manual valve
- ✓ Motor valve
- ✓ ATEX flame arrester
- ✓ Ignition equipment with ignition transformer and ignition electrodes
- ✓ Temperature measurement by means of thermal element
- ✓ Combustion temperature: approx. 900 °C
- ✓ Rope guy
- ✓ Automatic, manual and semi-automatic control
- ✓ Sound pressure level: 65 (± 5) db(A) at 10 m

#### Options:

Upon request, the flares can be supplied with a frost and / or weather protection. Flares can be supplied also with a total covered combustion.

Types	Throughput capacity m <sup>3</sup> /h	Thermal output kW	Total height mm	Gas connection DN
FA 50HT	50 – 70	325 – 455	4,000	50
FA 150HT	70 – 180	455 – 1,170	4,000	65
FA 250HT	180 – 250	1,170 – 1,625	4,800	80
FA 400HT	250 – 400	1,625 – 2,600	5,400	100
FA 600HT	400 – 600	2,600 – 3,900	6,000	150
FA 1.000HT	600 – 1.000	3,900 – 6,500	7,900	150
FA 1.200HT	1000 – 1.200	6,500 – 7,800	7,900	200
FA 1.500HT	1.200 – 1.500	7,800 – 9,750	7,900	200
FA 2.000HT	1.500 – 2.000	9,750 – 13,000	8,500	200