

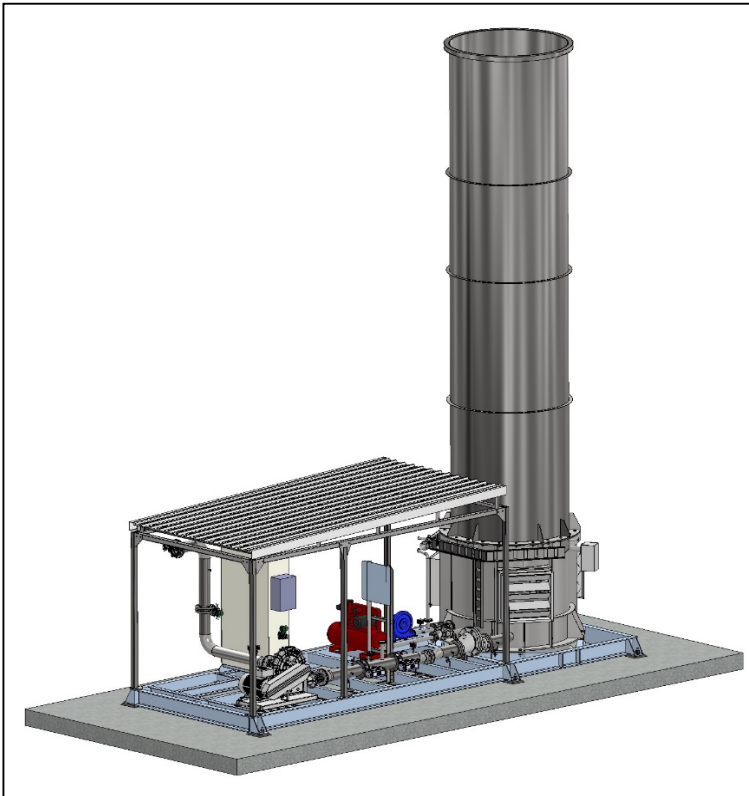
BIOGAS & LANDFILL GAS ENCLOSED FLARE SYSTEM

OEF SERIES - For Landfill Gas

Energy360 has been manufacturing flares as ABM Combustion in Australia for over 16 years. Our flares are installed in over 60 sites across Australia and all are operating with nil or minimal maintenance, outside their annual service regime.

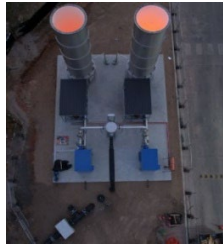
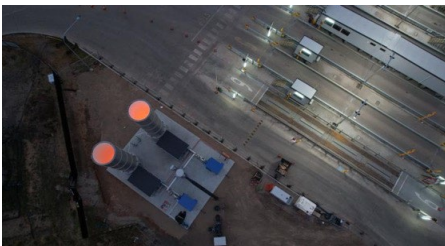
ABM flares are engineered with a design life of at least 25 years. This is achieved by utilising equipment that has been tested and proven to operate efficiently in harsh environments created by biogas or landfill gas applications.

As an Australian owned and operated manufacturer, we are available to provide after sales service and can provide a range of spare parts, which can be replaced within a few days; ensuring there is minimal flare downtime.



FEATURES

- High turndown system
- 1400 °C stacked on edge fibre lining
- 900 °C chamber temperature
- > 0.6 residence time
- Destruction level 98%
- Standard sizes from 500 m³/h to 3000 m³/h
- Temperature control via air dampers
- Stainless steel pilot burner
- Flat bottom flame arrestor eliminates liquid collecting in housing
- Fully compliant with all Australian standards and regulations



Energy 360 Pty Ltd
 21b Buontempo Road
 Carrum Downs, VIC, 3201
 Tel 03 9770 8545
enquiries@energy360.com.au
www.energy360.com.au



OPTIONS

- Knockout pot
- Air compressor
- Premium landfill gas fan upgrade
- PLC
- Biogas fan
- Flow meter

ADDITIONAL FEATURES

- Methane analyser with low methane interlock
- Landfill gas Flow Meter
- Stainless steel pilot burner
- Fully automated PLC control, eliminating the requirement for manual throttling
- Remote monitoring using a 3G modem and wireless monitoring
- Intelligent screen display
- Automatic modulating control valve to maintain a stable air to landfill gas ratio
- Data logging to satisfy CFI requirements is recorded by the OCS every 15 minutes

	BIOGAS VOLUME (60% CH ₄)	CH4 range	Turndown	Field Pressure
	m ³ /h	%		kPa
OEF100	500-1000	50-65	5 : 1	-10 to -12
OEF200	1000-2000	50-65	5 : 1	-10 to -12
OEF300	2000-3000	50-65	5 : 1	-10 to -12



Energy 360 Pty Ltd
 21b Buontempo Road
 Carrum Downs, VIC, 3201
 Tel 03 9770 8545
enquiries@energy360.com.au
www.energy360.com.au

