



manuel gas flare ECO

The low-price solution
for the price-conscious farmer!

Robust and compact manual gas flare for burning off biogas at agricultural biogas plants. Perfect for smaller new plants and for retrofitting to existing biogas plants.

The operation of the eco gas flare with a fermenter pressure of 3 mbar is possible although a minimum operating pressure of 10 mbar is always recommended. The eco gas flare ignites at the press of a button plus simultaneous actuation of the manual flap. To end the firing cycle, the manual flap is closed again. Eco 100 – 400 is supplied as a complete kit and can be quickly assembled on site according to the assembly instructions and installed. With appropriate preparation (foundations), the flare is ready for use after 1 – 2h of construction. Expansion to automatic operation is possible – appropriate retrofitting kits are available at short notice.

Highlights

- Outstanding price/performance ratio
- Robust construction and simple assembly on site
- Parts in contact with the gas are made of stainless steel 1.4571
- All other components are made of stainless steel 1.4301
- Incl. ignition transformer and electrode ignition – battery ignition on request
- Incl. flame arrester. anchoring



manuel gas flare ECO technical data

Model from 4 – 80 mbar	Flowrate in Nm ³ /h	Thermal power in kW	Gas pipe in DN	Flame pipe Ø in mm	Flare height in mm	Weight in kg
ECO 100	15 – 100	100 – 650	65	273	4,000	120
ECO 200	40 – 200	260 – 1,300	80	323	4,000	140
ECO 250	50 – 250	325 – 1,630	80	400	4,000	150
ECO 300	60 – 300	390 – 1,950	100	480	4,000	180
ECO 400	80 – 400	520 – 2,600	125	640	4,000	200