

# MANUAL GAS FLARE FAI



- OUTSTANDING VALUE PROPOSAL
- SIMPLE INSTALLATION
- MANUAL CONTROL AND IGNITION (12 V, 24V OR 230V)
- ENTIRELY MADE FROM STAINLESS STEEL
- MANUAL VALVE WITH DVGW CERTIFICATE
- FLASHBACK ARRESTOR WITH ATEX CERTIFICATE
- MADE IN AUSTRIA

## ENVIRONTec'S MANUAL FAI BIOGAS FLARE

The operation of biogas or sewage treatment plants may necessitate the safe combustion of excess gas (e.g. start-up phase, repairs or severe consumer damages). The EnvironTec gas flare FAI series provides operators with an easy to use and safe gas flare system. The robust and functional design of the FAI primarily ensures a long service life, low maintenance and constant availability.

The flare is manually operated, i.e., opening the gas valve turns on the gas supply and a subsequent press of a button electrically ignites the gas. The combustion process must be continually monitored by an operator. The operation of the flare is stopped by closing the valve.

It may be necessary to ascertain whether local and legal requirements permit the use of a manually operated biogas flare before placing an order.

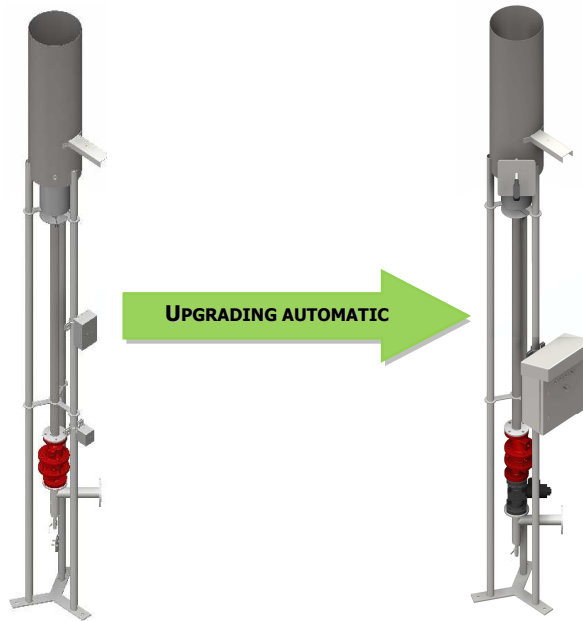
EnvironTec FAI biogas flares are entirely made from 1.4571 stainless steel and fitted with high-quality components and fixtures. Robustness, extended durability and low maintenance were particular focal points in the selection of the individual components used.

**EnvironTec**

*Biogas solutions*

# APPLICATIONS AND SPECIFICATIONS

- MANUALLY OPERATED GAS FLARE FOR THE COMBUSTION OF BIOGAS
- OPERATING PRESSURE 2.5 – 20 mbar
- EASY UPGRADABLE FROM MANUAL TO AUTOMATIC
- ALSO COMBINABLE WITH BLOWER
- NO ROPES NEEDED



Model size	Ø Flame tube	Gas inlet	Max Flow rate at 2,5 mbar	Max Flow rate at 20 mbar
	mm	DN	Nm <sup>3</sup> /h	Nm <sup>3</sup> /h
<b>FAI 50</b>	DM 350	40	50	80
<b>FAI 100</b>	DM 350	50	70	140
<b>FAI 150</b>	DM 450	65	150	230
<b>FAI 300</b>	DM 450	80	160	300
<b>FAI 500</b>	DM 636	100	250	530
<b>FAI 600</b>	DM 636	125	500	600
<b>FAI 50 Auto</b>	DM 350	40	40	80
<b>FAI 100 Auto</b>	DM 350	50	60	130
<b>FAI 150 Auto</b>	DM 450	65	130	210
<b>FAI 300 Auto</b>	DM 450	80	140	300
<b>FAI 500 Auto</b>	DM 636	100	230	510
<b>FAI 600 Auto</b>	DM 636	125	410	600

