

Odorization device OSGC 03

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TECHNICAL DESCRIPTION:

Odorizing equipment operated by injection. Impulses from the gas meter or calculator initiate the operation of the pump through the electronic system of the equipment. The membrane dose pump is controlled by a microprocessor and driven by the magnet. The pump transports the adjusted volume of odorant through the injection equipment into the flow of gas.

The pump sucks the odorant from the primare tank through the exchangeable tank. The filler decreases from the tank of the odorizing equipment after emptying the replaceable bottle with the odorant. The deaeration of the system is performed through the filter with active coal.

OSGC equipment **are suitable into ZONE 2** and hold autorization FTZÚ 09 ATEX 0078.

TECHNICAL DESCRIPTION	
Voltage	230 V with the tolerance 10%, 50/60 Hz
Output	35 W
Coverage	IP 65
Explosion-proof Certificate	FTZÚ 09 ATEX 0078
Variant	Ex II 3G EE × nC IIA T3
Maximum number of strokes	10800 / h
Minimum number of strokes	1 (min./with manual setting)
Operating temperature	-20 + 50° C
Dosing medium	odorants
Stroke volume of the pump OSGC 03A	6,8 - 68 mg/stroke (max. 120 mg at max. back-press. 3 Mpa)
Stroke volume of the pump OSGC 03B	6,8 - 68 mg/stroke (max. 180 mg at max. back-press. 3 Mpa)
Stroke volume of the pump OSGC 03C	20 - 200 mg/stroke (max. 180 mg at max. back-press. 3 Mpa)
Weight of equipment	28 kg
Dimensions (height x width x depth)	860 × 750 × 240 mm

OSGC type	OUTPUT TYPE	Max. RS line output at 20 mg/Nm ³	Max. line output at 40 mg/Nm ³	Max. output (l/h)	Max. at 100 % strokes (mg/stroke)	Max. gas back-pressure (bar)
OSGC 03	A	25.000	12.500	0,5	46	30
OSGC 03	B	40.000	20.000	0,8	74	30
OSGC 03	C	100.000	50.000	2	185	30
OSGC - VVTL	D	320.000	160.000	6,4	550	100
OSGC - VVTL	E	550.000	275.000	11	1.430	100