

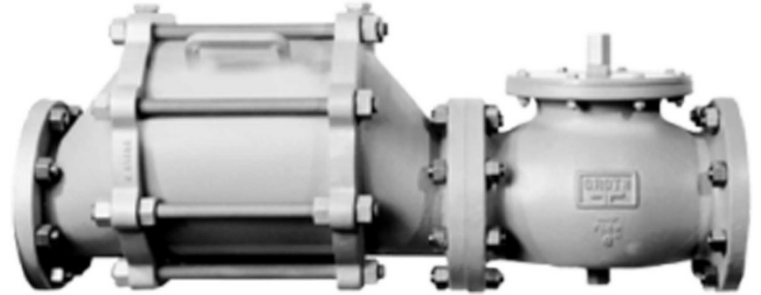
# Flame Trap Assembly

## MODEL #8500

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### OVERVIEW

The GROTH BIOGAS Model 8500 contains a horizontal flame arrester (7628) and a thermally operated shut-off valve (8530). This unit is generally installed in combustible vapor lines. They are also installed in line with gas utilization equipment, as close as possible to the source of combustion.



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### TECHNICAL DETAILS

- Size: 2" (DN 50) through 12" (DN 300)
- Material: Aluminum (type 356-T6)
- MAWP 10 psig/0.689 barg

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### FEATURES

- Designed for quick and easy maintenance
- Simple, replaceable fusible element for ease of maintenance
- Blocks gas flow in the presence of a flame at the flame arrester, preventing damage to upstream equipment

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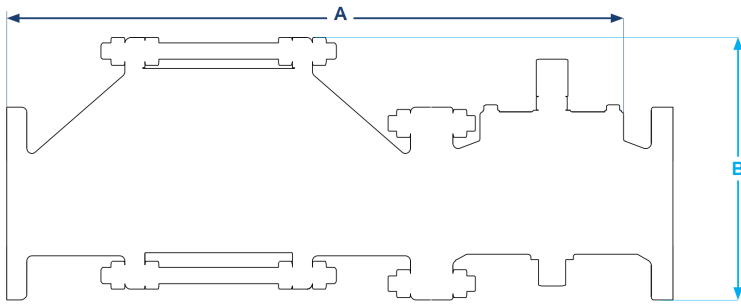
### OPTIONS

- Thermocouple/thermowell connection
- Insulation jacket
- Instrument ports

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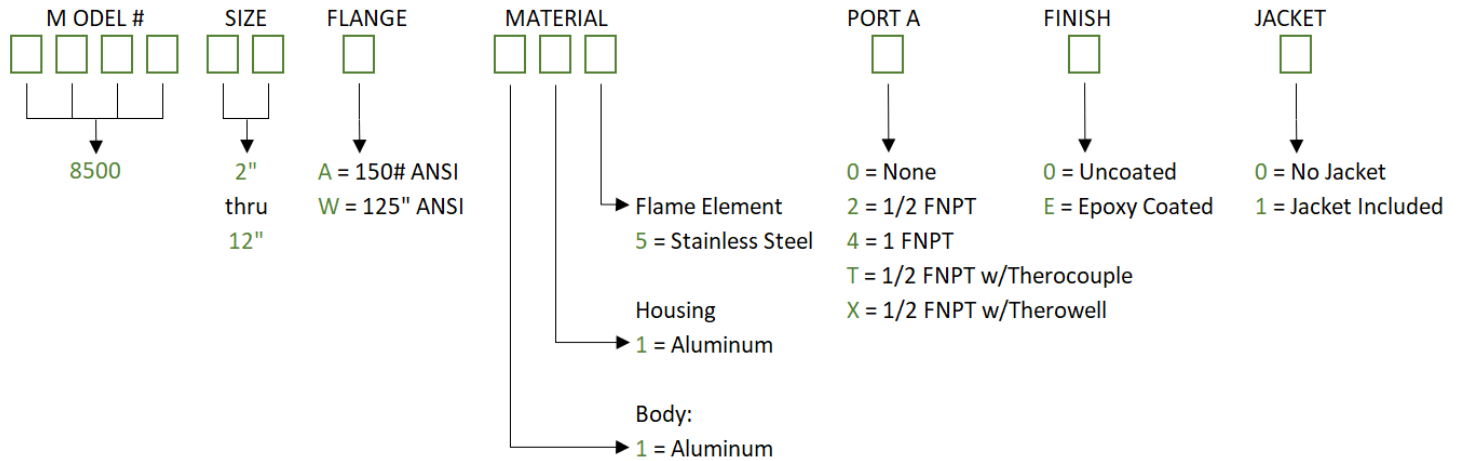
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### SPECIFICATIONS



Size Inches (mm)	A Length Inches (mm)	B Height Inches (mm)	Assembly Weight LBS (KG)
2 (50)	22.81 (579)	9.5 (241)	50 (23)
3 (80)	26.06 (662)	11 (279)	75 (34)
4 (100)	29.26 (743)	12.5 (318)	100 (45)
6 (150)	36.06 (916)	16.5 (419)	150 (68)
8 (200)	47.94 (1218)	20.5 (521)	200 (91)
10 (250)	55.75 (1416)	24.5 (622)	565 (256)
12 (300)	67.38 (1711)	28.5 (724)	715 (324)

### HOW TO ORDER



#### Notes:

- Include model number when ordering