# Gas Fired Igniters
# Tube Ø38 mm

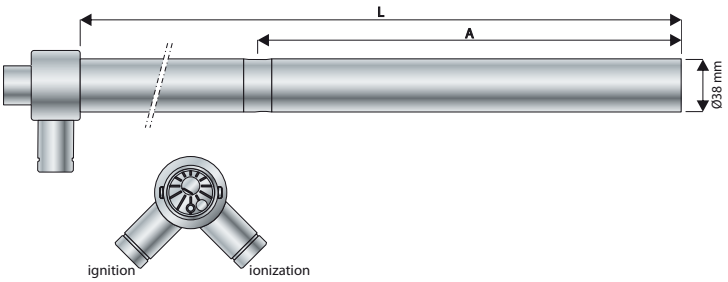
## Ignition of main burners in furnaces, boilers, power plants and incinerators

### Features and Benefits

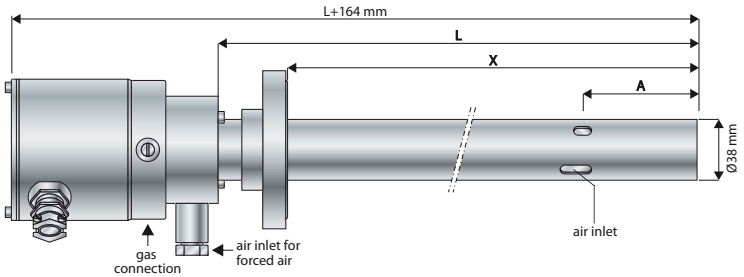
- High energy ignition
- Insensitive to moisture
- Stainless steel construction
- Self-aspirating, forced air supply or combination
- No air supply line required for self-aspirating version
- Insensitive to pressure fluctuations
- Rugged design
- For all kind of gases and pressures
- Integrated spark plugs(s) and ionisation electrode
- Explosion proof version (ATEX) available

### Applications

- Main burners of furnaces, boilers, incinerators and power plants




| Self-aspirating Ignition Burner | |
|---|---|
| **type for natural gas** | **38AVS-L-A-VE** |
| **heat release** | 17–29 kW |
| **type for propane** | **38PVS-L-A-VE** |
| **heat release** | 24–39 kW |
| **min. max pressure** | 0.5–1.5 Barg |
| **length L** | 400, 500 600: multiples of 100 mm<br>from 1000 to 2000: 200 mm intervals<br>2000, 2500, 3000 mm |
| **air inlet A** | ≥300 mm in steps of 10 mm |
| **connection to main burner** | flange 1½" ANSI 150 LBS RF |
| **gas connection** | ½" NPTF |
| **air conn, for forced draft** | option |
| **ignition** | by 1 integrated spark plug |
| **flame detection** | ionisation |
| **tube material** | 310 and 321 SST |
| **connection material** | 316 SST |
| **electrical connection** | M25 connector for ignition, M25 connector for ionisation |
| **protection** | IP65 |




| Explosion Proof Self-aspirating Ignition Burner | |
|---|---|
| **type for natural gas** | **38AVEXE-L-A-VE** |
| **heat release** | 17–29 kW |
| **type for propane** | **38PVEXE-L-A-VE** |
| **heat release** | 24–39 kW |
| **min. max pressure** | 0.5–1.5 Barg |
| **length L** | 400, 500 600: multiples of 100 mm<br>from 1000 to 2000: 200 mm intervals<br>2000, 2500, 3000 mm |
| **air inlet A** | ≥ 300 mm in steps of 10 mm |
| **connection to main burner** | flange 1½" ANSI 150 LBS RF |
| **gas connection** | ½" NPTF |
| **air conn, for forced draft** | ½" BSPF |
| **ignition** | integrated spark plug |
| **flame detection** | ionisation |
| **tube material** | 310 and 321 SST |
| **connection material** | 316 SST |
| **electrical connection** | explosion proof connection housing |
| **protection** | IP66 |
| **explosion proof** | ATEX II 2G Ex e IIC T5/6 DEKRA11ATEX0032 (-40 to 80 °C) |