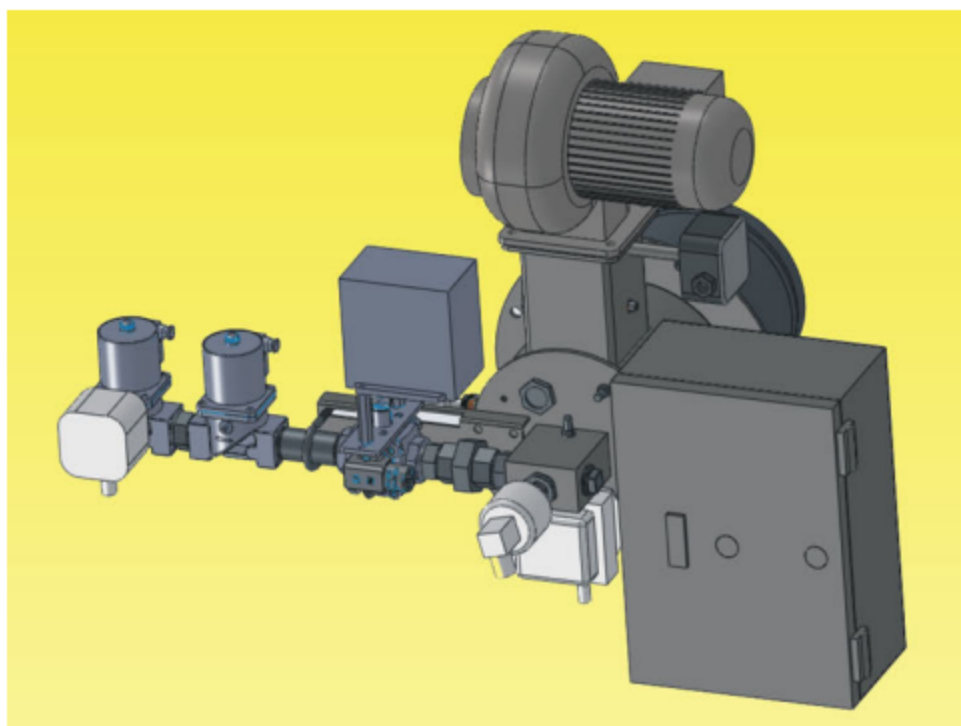




**ADZ350**

**Burner**



Foshan NUOE Combustion Control Technology Co., Ltd.

Tel: 4000-8397-18

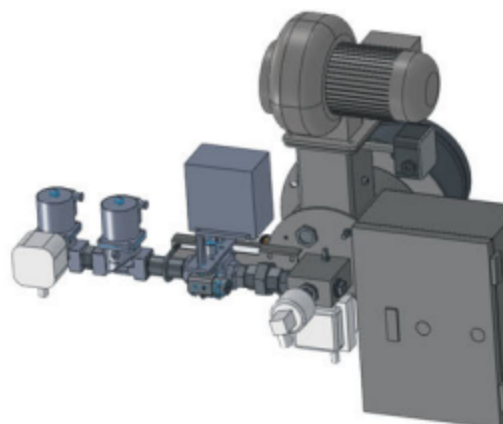
Web: <http://www.astechnic.net>

E-mail: [Astechnic @ 163.com](mailto:Astechnic@163.com)

### ADZ350 Burner

#### Features

- Air shell: Q235
- Material material for air inlet pipe: Q235
- Regulation mode: Constant air volume and gas regulation.
- Load regulation mode: Valve position control of three-wire motor
- Blower motor power: Single-phase 220V 50Hz 400W
- Flame Length: 780MM
- Fire pipe material: SUS 304
- Combustion head: SUS 310S
- Fixed flange: Q235
- Preheat the air: Normal temperature.
- Power: 10- 350KW
- Gas inlet pressure: 50mba
- Fuel: NG/L PG
- Adjustment ratio: 1:35



#### Applications

- Ceramics production line dryer
- Sanitary ware dryer

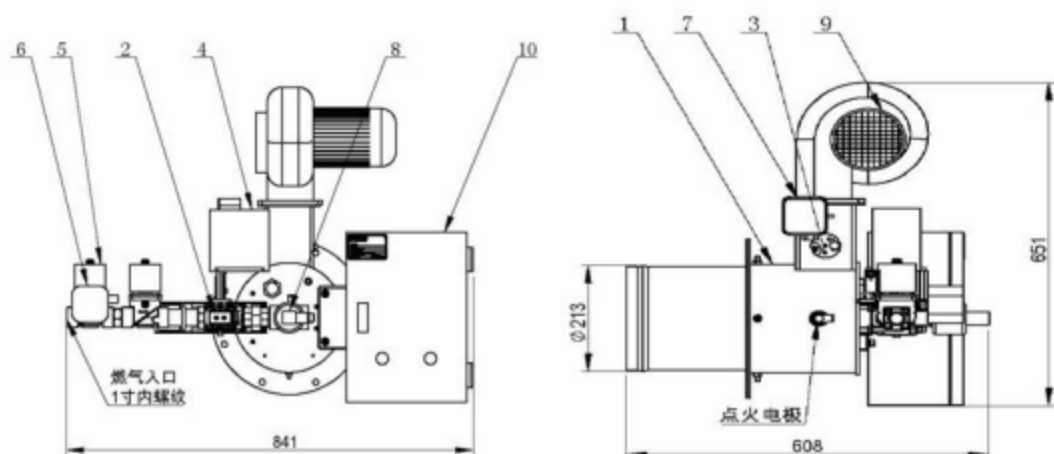
#### Product Description

ADZ series low temperature burners are mainly developed for drying equipment with low temperature and large flue gas, which can work stably under the conditions of large negative pressure and zero pressure furnace, with large smoke and high temperature. The product adopts double solenoid valve safety protection, wind pressure monitoring, burner controller with purging function and ion rod with flame detection stable and reliable.

#### Ignition and Flame Monitoring

- The ignition of the burner can be realized by the ignition electrode.
- Flame detection mode UV probe detection.

# Installation



| No. | Name                | Model  | Brand     |
|-----|---------------------|--|-----------|
| 1   | Burner              | ADZ350 MAX: 350kw  | Astechnic |
| 2   | Gas Linear Valve    | AFC25 1 inch flow adjustable                                 | Astechnic |
| 3   | Air butterfly valve | Manual butterfly valve built-in                              | Astechnic |
| 4   | Actuator            | AT31-60T3R Three-wire valve position control 3NM 60S         | Astechnic |
| 5   | Gas Solenoid Valve  | AMR25+AMR25 double fast drive 1 inch                         | Astechnic |
| 6   | Gas Pressure Switch | GW50A6 measuring range 5-50mbar                              | GUNGS     |
| 7   | Air Pressure Switch | GW3A6 measuring range 1-3mbar                                | GUNGS     |
| 8   | UV Probe Head       | AVS2-01  | Astechnic |
| 9   | Combustion fan      | Three-phase 380V200W maximum air volume 480m <sup>3</sup> /h | Astechnic |
| 10  | Burner control box  | With purge and safety protection                             | Astechnic |

Schematic diagram of AVP350 burner mounting plate



ADZ350 furnace opening ø223

## Type selection

| No. | Model  | Description               | Order code   |
|-----|--------|---------------------------|--------------|
| 1   | ADZ350 | Gas inlet pressure 50mbar | 122040000009 |