

■ Application

The mode to handle combustible and other gases used in semiconductor, and LCD, LED, OLED, SOLAR processes using heaters. Handling is conducted by adequately heating gases at natural spontaneous combustion temperature or higher.

■ Applied fields

Semiconductor, LCD, LED, Solar Cell, etc.

■ Gases that can be handled

- ▶ Combustible gases: SiH₄, DCS, H₂, PH₃, AsH₃, B₂H₆, etc.
- ▶ Corrosive gases: NH₃, HCl, Cl₂, BCl₃, BF₃, SiCl₄, etc.

■ General Features

- ▶ High Reliability
- ▶ Anti-Corrosion material Heat chamber
- ▶ High gas abatement efficiency
- ▶ PLC operated
- ▶ User parameter operated
- ▶ Easy maintenance design
- ▶ Easy PM (Quickly Chamber Open)
- ▶ PM frequency is long, and maintenance/repair is convenient, due to strong resistance against powder blockage.
- ▶ Long life time heater
- ▶ Leak sensor
- ▶ Exhaust temp monitoring



■ Utility Requirements

Item	Specification
Dimension	720(W)×860(D)×1700(H) mm
Electric Power	3Phase, AC208V
Inlet Port	NW40Flange_4Port
CDA	1/2"LOK, 5 ~ 6.5kgf/cm ²
N ₂	1/4"LOK, 4 ~ 5kgf/cm ² (Option)
CW	1/2"LOK, 3 ~ 6kgf/cm ²
Exhaust	MF100Flange, -30 ~ -60mmH ₂ O
Cabinet Exhaust	MF100Flange, -30 ~ -60mmH ₂ O
Drain	20A, 40A PVC PIPE

■ Application

The mode to handle combustible and other gases used in semiconductor, and LCD processes using heaters. Handling is conducted by adequately heating gases at natural spontaneous combustion temperature or higher.

■ Applied fields

Semiconductor, LCD, LED, Solar Cell, etc.

■ Gases that can be handled

- ▶ Combustible gases: SiH₄, DCS, H₂, PH₃, AsH₃, B₂H₆, etc.
- ▶ Corrosive gases: NH₃, HCl, Cl₂, BCl₃, BF₃, SiCl₄, etc.

■ General Features

- ▶ High Reliability
- ▶ Anti-Corrosion material Heat chamber
- ▶ High gas abatement efficiency
- ▶ PLC operated
- ▶ User parameter operated
- ▶ Easy maintenance design
- ▶ Easy PM (Quickly Chamber Open)
- ▶ PM frequency is long, and maintenance/repair is convenient, due to strong resistance against powder blockage.
- ▶ Long life time heater
- ▶ Leak sensor
- ▶ Exhaust temp monitoring



■ Utility Requirments

Item	Specification
Dimension	840(W)×1000(D)×1750(H) mm
Electric Power	3Phase, AC208V
Inlet Port	NW40Flange_4Port
CDA	3/4"LOK, 5 ~ 6.5kgf/cm ²
N ₂	3/8"LOK, 4 ~ 5kgf/cm ² (Otion)
CW	1/2"LOK, 3 ~ 6kgf/cm ²
Exhaust	MF125Flange, -30 ~ -60mmH ₂ O
Cabinet Exhaust	MF100Flange, -30 ~ -60mmH ₂ O
Drain	20A, 40A PVC PIPE