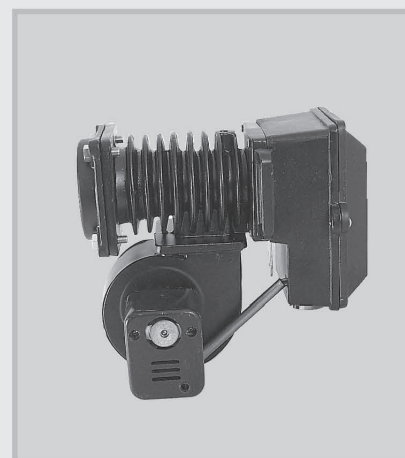
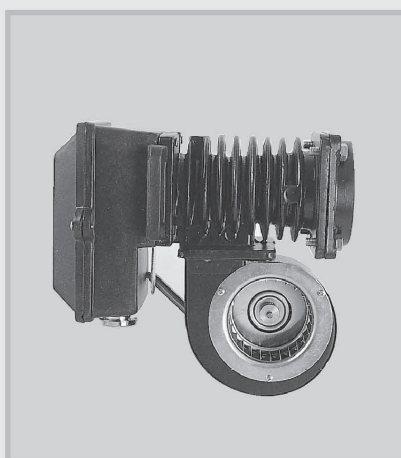


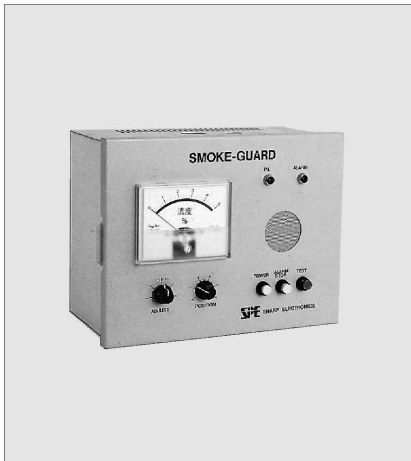
Model SSD

Smoke Guard Detector



Smoke - Guard Detector

Model SSD-5A



SS-5L



SS-5R

Features

SSD-5A, Smoke-Guard is an Alarm Gauge indicating the density of smoke exhausted to detect the statues of exhaustion for waste gas from the boiler with ease. SSD-5A consists of three units including a light-projector and an alarm indicator for exclusive use by hanging on the wall.

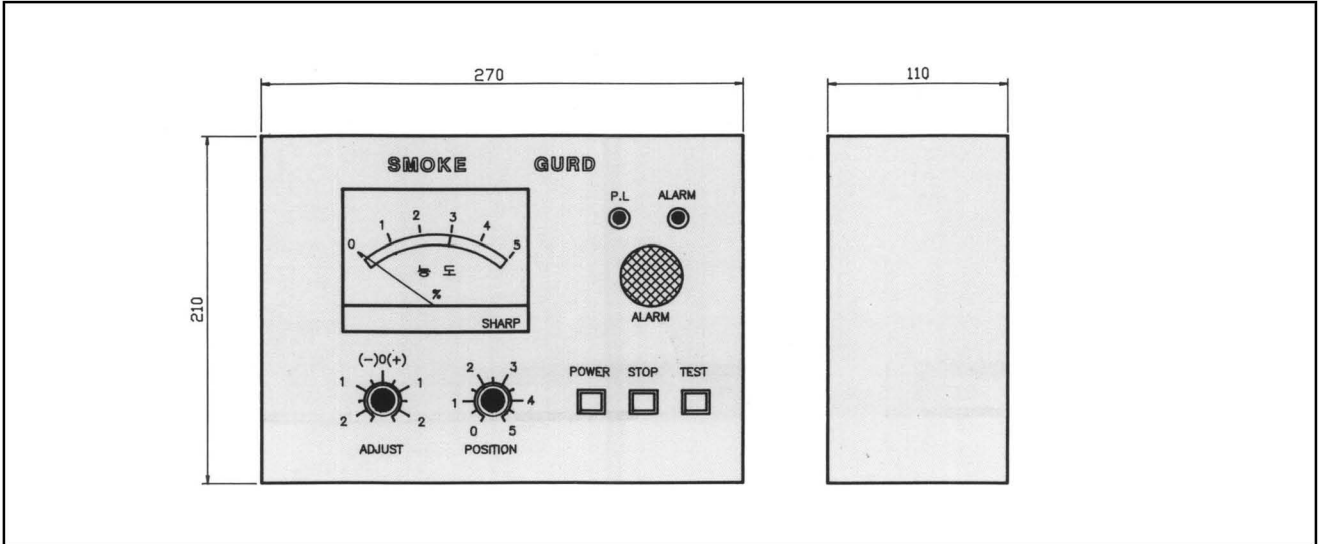
This is the best product manufactured to be applied easily to both large and small type boilers as the related technology is utilized best. Most importantly, SSD-5A is available for multi-purpose setting on the boiler for heavy hot water and for water circulation.

It is simple to handle, easy to change the types or to move to more convenient place and low cost.

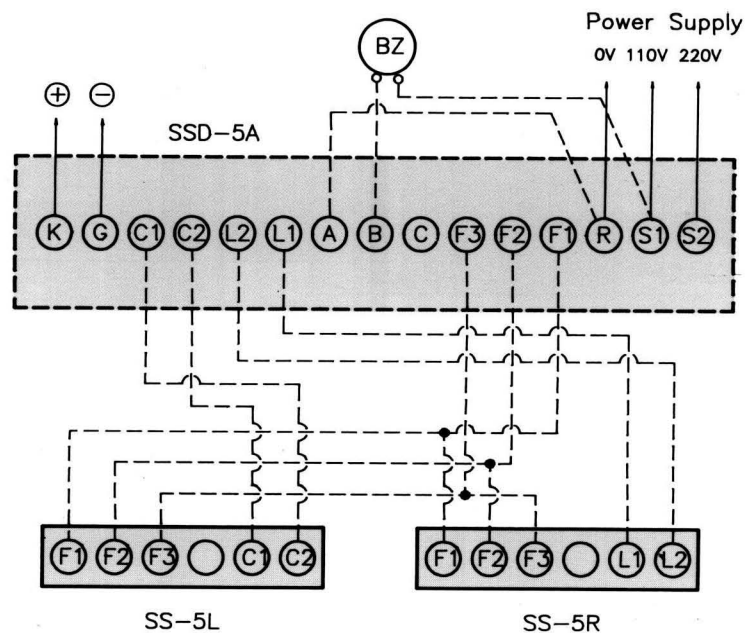
Specification

Type	Light-projector SS-5L (Pressure 12mm H ₂ O)	
	Light-receiver SS-5R (Pressure 12mm H ₂ O) Controller SSD-5A	
Density	0-5 (Equally divided scale)	
Distance Set	0-2m (Between flange sides)	
Alarm	Setting	Density 0-5 (Optional setting available)
	Output	DPDT Relay output, Buzzer Lamp, Adjustable, Remote alarm available
Power	Source	AC 110V/220V/60Hz
	Consumption	160VA (Including fan)
Weight	Light-projector / Light-receiver approx 3kg each : Alarm Indicator approx 5kg	
Surrounding Temperature Requirements	Light-projector / Light-receiver : 10 ~ 60℃	
	Alarm Indicator : 10 ~ 50℃	
Insulation Resistance	Alarm Indicator : Between power source and earth	
	Over 100MΩ (500MV)	

Overall Dimensions



Connection Diagram



1. Separation distance between the light projector, receiver and the alarm indicator should be less than 50mm, the line of $1 \nabla 1.25\text{mm}^2$ is used.
In case more than 50mm but less than 80mm, use $1 \nabla 2\text{mm}^2$ / line
2. Terminal K,G are for the recorder and remote indicator (K=⊕, G=⊖).
In case these terminals are not used, the space between the terminals should be open.
3. If the equipment is operated under incorrect connection, the equipment may be in trouble.
Be sure not to operate before check all the wire connections.

Ordering Informations

■ Smoke Guard Detector (for Chimney)

Model	SPECIFICATION & APPLICATION
SSD-5A	Control unit. 110/220V AC. 60Hz. 1 DPDT Output. Buzzer. Lamp.
SS-5L	Light projector. Pressure 12mmH ₂ O. 10~60℃. Setting distance 2m.
SS-5R	Light receiver. Pressure 12mmH ₂ O. 10~60℃. Detection density 0~5.

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■ Specifications subject to change without notice.