



# THERMOSTATS & HOPPER HEATERS

## CONSTRUCTION

The Thermostats come in die cast Aluminium housing and cover, conforming to IP : 65 Protection factor to guard against harmful deposits of dust as well as from splashing water in any direction. The “ Sensor Sstem” consists of a bulb, capillary and an imported bellow. The bulb and capillary material is stainless steel. The bulb and capillary are encapsulated with a protection tube. The switch is directly mounted through the protection tube.

## SPECIFICATION

Limit Thermostat with internal setting for ESP

ASPL Part No	: SW - 224
Setting Range	: 20° C - 230° C
Maximum Sensing Temp	: 250° C
Pocket Immersion Length	: 285 mm

## OTHER PRODUCTS

We also supply the following Electrical items required for Electrostatic Precipitator:

1. Hopper Heating Elements : To Maintain the temperature inside the hopper to avoid chocking and accumulation of fly ash.
- 2 . Disconnecting Switch : For safe isolation of precipitator from the Transformer / Rectifier and to ensure grounding of internal high voltage systems.
3. Heater for Support Insulator : To maintain temperature of passing Air through insulator housing



## “ASPL” HEATERS SPECIFICATION

Heater for ESP Hopper	Part No. : SW - 204 / 01
Heater for Support Insulator	Part No. : SW - 204 / 02
Rating	: 500w, 415v
Diameter	: 8 mm

Moisture content and low temperature of fly ash while passing through ESP will affect performance of the system, due to the chocking and accumulation of built-up ash inside the Hopper. Heaters are provided on all sides to maintain temperature inside hopper for effective ash disposal system. Designed to withstand shock & vibration. When installed on the sides of Hopper and insulated, they provide a blanket Heat Coverage effect.

## MATERIAL OF CONSTRUCTION

Sheath Material	- Heat Resisting Chromium
Alloy Steel Ferrous Parts	- Galvanised
Brass parts	- Nickel Plated
Terminal Box	- Cast Aluminium

## DISCONNECTING SWITCH

P/No : SW - 193

“Air Systems” offers High voltage versatile Isolation switch, which enables the Precipitator to be grounded for safe entry and for isolation of a troublesome electrical section so that the remainder of the unit can remain in service. Our Isolation/ Ground Switch is contained in its own enclosure for simple Retrofit into the high voltage bus duct system. Each Disconnecting Switch is complete with Insulators and Isolating Mechanism and all switches contact are of heavy-duty copper. Porcelain Insulators are used through out and switch enclosures are manufactured from Mild Steel.

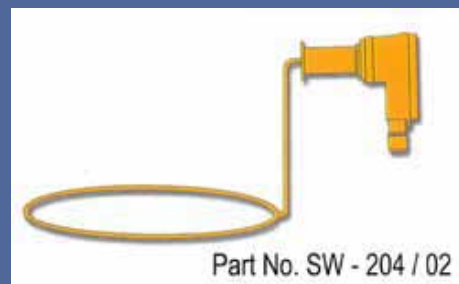
We are one of the leading supplier of Hopper Heater for ESPs of all reputed makes.

Our prices are very competitive with firm delivery. Committed to customer satisfaction and guaranteed for good performance.

## HOPPER HEATER



## SUPPORT INSULATOR HEATER



## DISCONNECTING SWITCH



## ELECTROSTATIC PRECIPITATOR

