

RJ-X Aspirating Chamber

GENERAL

RJ-X Aspirating Chamber is designed and used for electrical cabinets that cannot cut off power switches and random switch cabinet doors.

According to the principle of Thermal Convection, the pyrolysis particles produced by the volatilization of organic insulating materials in the electrical cabinet diffuse upward and accumulate in the top area of the cabinet. Based on the principle of Fluid Dynamics, when the aspirating chamber works normally, a negative pressure area is formed inside the aspirating chamber, resulting in a pressure difference, which promotes the flow of pyrolysis particles from the electrical cabinet to the aspirating chamber through the sampling tube, and realizes the monitoring and early warning function of pyrolysis particles.

The aspirating chamber is equipped with a 2-meter sampling tube, which is connected to the top screw hole of the electrical cabinet through the gaspipe fittings.

There is no Pyrolysis Sensing Electrical Fire Monitoring Detector in the aspirating chamber. An additional detector needs to be purchased and installed on the top of the aspirating chamber for matching use.

FEATURES

- Active inspiratory acquisition mode
- Uniform distribution of pyrolysis particles in the aspirating chamber
- Can be one-on-one with the detector to complete the monitoring and alarm work



RJ-X

TECHNICAL SPECIFICATIONS

- **Dimensions (L×W×H)**

5.4×5.4×6.1 inch
(136.0×136.0×155.0 mm)

- **Operating Temperature Range**

-10°C to +55°C

- **Operating Humidity Range**

relative humidity from 0% to 95%,
non-condensing

- **Service Life**

more than 5 years

- **Installation Method**

support magnetic suction type, installed on the top outside the electrical cabinet

ELECTRICAL SPECIFICATIONS

- **Mains Power Supply** DC24V
- **Operating Current** 0.8A

ORDERING INFORMATION

Model No.	Description
RJ-X	Aspirating Chamber

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This document is not intended to be used for installation purposes. We try to keep our product information up-to-date and accurate. We cannot cover all specific applications or anticipate all requirements. All specifications are subject to change without notice.

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