

Rain and moisture sensor shields

*"We are prepared to solve your most difficult and unusual applications."
FCI is dedicated to the design and manufacture of unique customer requirements.*



Description

Rain shield assemblies are installed on FCI mass flowmeters to prevent "wet" gas liquid droplets, such as rain or condensation, from contacting the sensor surface.

This option is ideally suited for protecting the sensor in stack gas and other extremely wet applications.

The process gas passes through the rain shield assembly and over the sensor without any droplets contacting the sensor surface.

Industry Applications

- › Near dew point gases
- › Stack gas
- › Extremely wet environments
- › Incinerator stacks
- › Wet digester gas



FCI Model Availability

- › GF90 Gas mass flowmeters
- › MT Series multipoint mass flowmeters

How To Order

Please contact your local FCI Sales Representative to configure the part number using the following OIS information:

- › For GF90, select an asterisk (*) in Box 10 and enter; "2 inch male NPT process connection with rain shield". Flanged process connections are also available
- › For MT Series, select an asterisk (*) in Box 5 and enter; "316 stainless steel with rain shield". The minimum bore for installation is 4 inches [102 mm]

Other FCI proven custom product solutions include, but are not limited to:

- › Self-cleaning sensors
- › Quick disconnect sensors
- › Sensor coatings for corrosive processes
- › Custom extended sensor lengths
- › Custom process connections
- › Portable flowmeters
- › Self-calibrating flowmeters
- › Sun and wind enclosure shades
- › Instrument programming/communications setup
- › Flow conditioning and extreme process evaluations

Your local FCI Sales Representative is:

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FCI is ISO 9001 certified/conformance to AS9000