

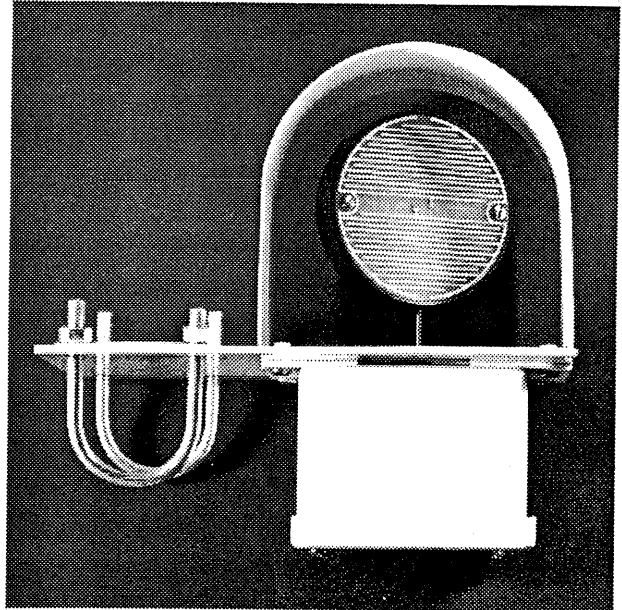


Precipitation Detector Model 6420-A

PRODUCT DESCRIPTION

The Model 6420-A Precipitation Detector utilizes a gold-plated grid to sense the occurrence of precipitation. The water completes a circuit within the detector, and the resulting signal energizes a relay. The relay closure can be used to sound alarms, close doors, or input into data acquisition system. When precipitation ends, two cartridge heaters dry the grid, and the circuit to the relay is broken.

All electronics are solid-state, and are sealed in a weatherproof enclosure. The sensor is oriented on an angle to allow water to drain off. A wind screen conserves sensor heat and thus reduces power consumption. AC power is required. Two U-bolts are included for easy mounting of the 6420-A.



SPECIFICATIONS

Sensor: gold-plated grid
3.5" diameter (89 mm)
Output: relay closure
Relay rating: 0.5 amps
Heaters: 2, cartridge
Input voltage: 115/230 Vac, 50/60 Hz
Power: 10 W
Size: 9.4" W x 9" D x 5.5" H
(239 x 229 x 140 mm)
Weight/shipping: 5.2 lbs/8 lbs
(2.4 kg/3.6 kg)