

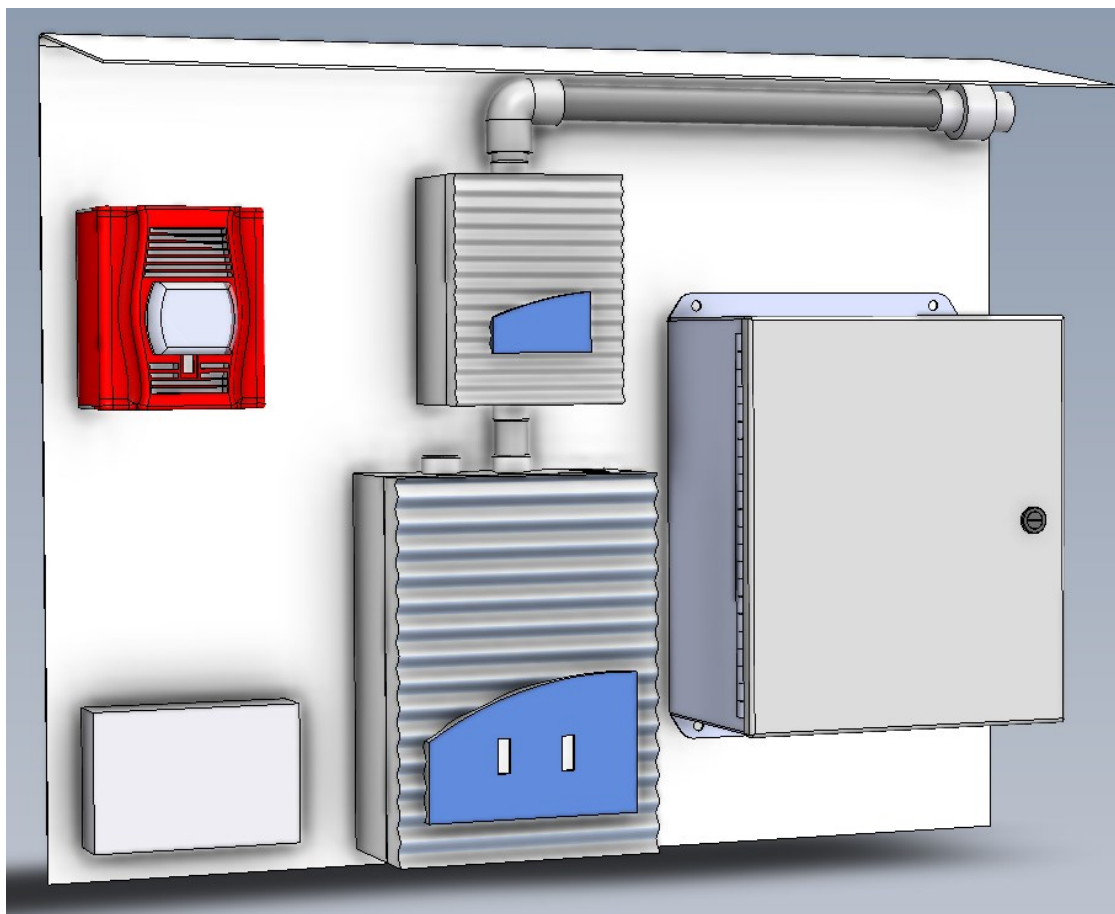
# Fire Detection Kit for Radomes

## What is the Fire Detection Kit?

The Fire Detection Kit from Skywire Design presents the most critical safety features of the Radome Accessories Control Center (RACC) in a small form factor, making them economically available for virtually any size ground station radome. These safety features are smoke and fire detection, personnel notification, and emergency shutdown of ventilation.

## How does this benefit me?

Reliable fire and smoke detection protects all equipment and personnel present in a radome. The aspirating detector continuously samples the air inside the radome and monitors for incipient fire. Because the detector is located at ground level, maintenance, when needed, is easy. Getting these benefits economically integrated into your preferred fire alarm system keeps the finance people happy too.



## Additional Features & Benefits

Multiple Form C dry contacts, triggered by alarm conditions, allow the automatic shut down of blowers, air conditioners, or other equipment selected by the site mission control. This can prevent exacerbation of a bad situation by the introduction of fresh air to feed and spread a fire.

The kit, which includes a pre-mounted horn/strobe alarm signaling device, has two modes of operation. In Standalone mode, the detector can sound the alarm. In Connected mode, the detector signals the site fire alarm control panel (FACP) which then sounds the alarm.

## What's in the box?

Every Fire Detection Kit comes with the panel, detector tubing sized for the radome to take continuous air samples, and hangers to support the tubing from the radome.

## Technical Specifications

Mechanical	
Dimensions, W x H x D, (in [mm])	30 [760] x 24 [610] x 8 [203]
Weight (lb [kg])	TBD
Electrical	
Power Requirement	115 VAC, 2 A, 1-phase
Batteries	2x 12 VDC @ 7 Ah min.
Relay Contact Rating	Consult factory
Environmental	
Standard Low Temperature	-20°C / -4°F
Extreme Low Temperature	-40°C / -40°F
Weather Protection—Detector	IP52
Weather Protection—Power Supply, Relay Module, Alarm	NEMA 4X
Other Options	
Unistrut stand for mounting panel (includes fasteners)	p/n 00000XX-01
Special requirements	Consult factory

## Pre-Order Questions

- What size is the radome: Diameter in \_\_\_\_\_ ft / m? Truncation \_\_\_\_\_ %
- Will the FDK be connected to a fire alarm control panel? If yes, what is the brand & model of the FACP?
- How many devices need to be shut down in the event of an alarm condition?