

ProLocator™

Portable Aspirating Fire Detector

- Identify Early Warning Alarms
- Works with Any Air Sampling System
- Self Contained

PRO Series™

Cut Sheet

Part Number: 6198695C

Any “Laser Style” aspirating detector can tell you which room, now the ProLocator can help you find where in the room.

■ Features

- **Locate fire threats from early warning alarms**
- Use in conjunction with any air sampling system
- Simple design for easy operation
- Not effected by dirt, dust, temperature or humidity
- Probe inside equipment, open areas, and above drop ceilings
- Prevent downtime and business interruption
- Does not require any programming or calibration
- Includes sampling probe and battery charger
- Includes hard shell carrying case

■ Description

The ProLocator is the industry's first self contained portable aspirating detector that can be used to locate the source of an early warning fire alarm. The PVC sampling probe may be used to sample above drop ceilings, around electrical equipment and in other hard to reach places. LED and audible signals alert you of your proximity to the fire threat. Increase and Decrease Sensitivity buttons allow you to localize the fire threat. The LCD displays the current sensitivity setting.

The ProLocator uses CCD (Cloud Chamber Detection) technology to isolate the fire threat. CCD technology only detects combustion which prevents the ProLocator from being affected by dirt or dust.

■ Operation:

Operating the ProLocator is simple. When the unit is turned on, it is automatically set to its most sensitive setting. Simply walk slowly through an area and identify where the LED and audible signal are the strongest. When all the LEDs are illuminated, and the audible signal constant, stop, press the sensitivity button, and continue. Repeat these steps and the ProLocator can guide you to the source of the developing fire threat.



■ Accessories

The ProLocator is shipped with a charging unit, sample probe, and shoulder strap in a foam lined heavy duty case. The hard shell case is ideal for protecting and storing the ProLocator and its accessories when not in use.

■ Applications

The ProLocator can be used in conjunction with *any* early warning aspirating system to help identify the source of the alarm. It may also be used when there is a suspected threat from an “electrical odor” or “something burning” in an environment. The ProLocator can also assist fire department personnel in verifying false alarms when called to a site, or locate hot spots after a fire event has occurred.

■ CCD Technology

CCD detection technology is the combination of microprocessor controlled electronics, dynamic high power optics and complex algorithms implemented into an already proven and reliable method of early warning fire detection. CCD technology is also immune to false alarms from things that plague other types of detectors.

■ Specifications - ProLocator Part #:6198695C

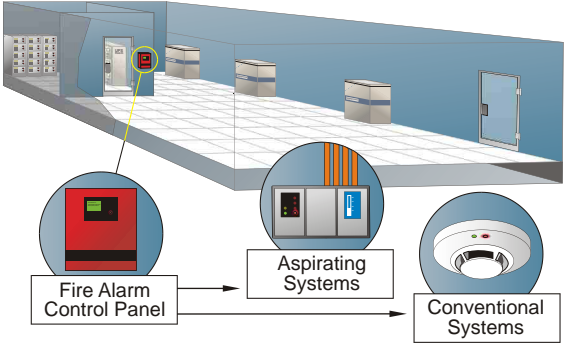
Unit Dim. (WxHxD):	13.75" x 10.25" x 4.75"
Case Dim. (WxHxD):	22.5" x 19" x 8"
Unit Weight:	13 lbs.
Case Weight:	11 lbs.
Power:	24VDC
Charger:	100 - 240VAC 50/60Hz
Battery Run Time:	2 hours
Fuse:	T2A 32mm x 6mm
Operating Temperature:	32° - 130°F (0 - 54°C)
Humidity:	0 - 95% RH, non-condensing
Proximity Indiction:	LED and Audible
Other Indicators:	Power, Fault, LCD Monitoring

Any “Laser Style” aspirating detector can tell you which room, now the ProLocator can help you find where in the room.

EASY TO USE

Using the ProLocator is simple, slowly walk through the area in alarm and narrow down where the signal is the strongest.

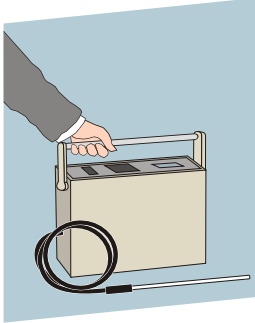
1. An alarm sounds.



The diagram shows a 3D perspective of a room with a tiled floor and blue walls. A red fire alarm control panel is on the left. A yellow line connects it to a red aspirating detector mounted on the ceiling. Below the room, three circular icons represent different fire detection systems: a red fire alarm control panel, a white aspirating detector, and a white conventional detector. Arrows point from the control panel to the aspirating system, and from the aspirating system to the conventional system.

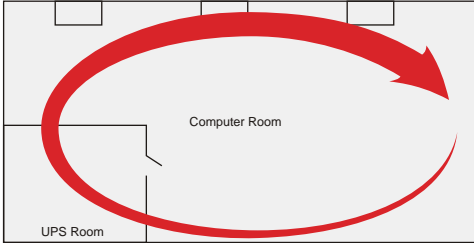
Fire Alarm Control Panel → Aspirating Systems → Conventional Systems

2. Take the ProLocator to the area in alarm.



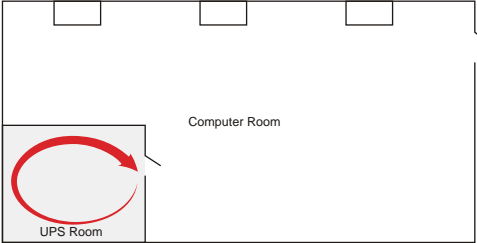
A hand is shown holding a beige rectangular device with a black handle and a circular lens, which is the ProLocator. A black cable is attached to the side of the device.

3. Slowly walk through the entire area while watching the signal strength indicator.



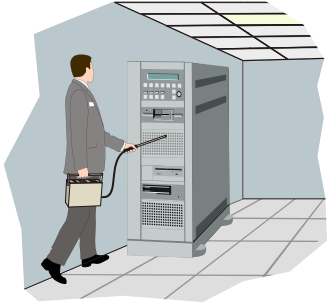
The diagram shows a floor plan with a large 'Computer Room' and a smaller 'UPS Room' attached to its side. A large red arrow starts in the UPS Room, loops around the perimeter of the Computer Room, and returns to the UPS Room, indicating a circular path for walking.

4. Isolate the area with the highest signal strength.




The floor plan is the same as in step 3, but the red arrow is now a smaller circle located entirely within the UPS Room, indicating that the signal strength is highest in that specific area.

5. Use a process of elimination technique to isolate down to the smallest area possible.



A person in a suit is walking through a server room, holding the ProLocator device. The room contains several server racks.

6. Take corrective action by notifying the appropriate personnel and by following proper emergency procedures.



A person in a suit is sitting at a desk, talking on a telephone. There are papers and a keyboard on the desk.

Certain variables may increase the time needed to locate the cause of the fire alarm.



SAFE Fire Detection, Inc.
5915 Stockbridge Drive
Monroe, NC 28110
Phone: 704-821-7920
Fax: 704-821-4327
www.safefiredetection.com

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Publication Number: 6198695C v1.3

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