



Frequently Asked Questions

PipeIQ Software for FFAST Fire Alarm Aspiration Sensing Technology®

What is PipeIQ Software?

PipeIQ is the all-in-one system design, configuration and monitoring software for the System Sensor FFAST aspirating smoke detector. It guides users through the initial pipe layout and system configuration for a FFAST aspiration system. Once the system is installed, PipeIQ enables ongoing configuration and system monitoring from anywhere in the world via the Internet using FFAST's onboard Ethernet connection.*

How can I obtain a copy of PipeIQ?

The latest version of the PipeIQ software can be downloaded free of charge from the FFAST landing page, systemsensor.com/faast. When downloading the software, you can register to receive update notifications via email. This ensures that you are always notified of the most recent version of the program as it becomes available.

What are the system requirements to ensure that PipeIQ will function properly?

System Requirements

To use the PipeIQ software application, the following are required:

- Microsoft® Windows® XP SP3 or Windows® 7
- 1 GB of RAM
- Graphics hardware with 128 MB of memory and support for OpenGL 2.0 or later
- 5 GB of free hard disk space

For an optimal experience, the following are recommended:

- 4 GB of RAM
- Graphics hardware with 256 MB of memory and support for OpenGL 2.0 or later

PipeIQ®
Design, Configure, Monitor



*Additional network infrastructure such as a VPN required. Connecting a FFAST detector directly to the Internet is not recommended.

How do I connect a PC to a FFAST detector? What kind of cable does it require to connect a PC to a FFAST detector?

The FFAST device has an integral Ethernet port and uses a standard RJ45 cable. Simply connect the RJ45 Ethernet cable to both the FFAST device and your computer. For instructions on configuring your network adapter, see page 28 of the Comprehensive Instruction Manual. The Manual is included with the PipelQ software or can be accessed via the internet at systemsensor.com/faast.

Do I need to be connected to a FFAST device in order to lay out a pipe network in PipelQ?

No, a FFAST device need not be connected to a PC when designing a pipe network in PipelQ. A designer can utilize the PipelQ software to complete the layout, verify hole sizes and sensitivities, obtain a Bill of Material and Layout Report, and complete their submittal before a FFAST unit is purchased.

What kind of assistance does PipelQ offer someone that is laying out a pipe network for the first time?

The PipelQ software includes a Pipe Wizard feature that guides users through the pipe network design process. The wizard asks a series of questions about the area under protection and designs a pipe network tailored to the space. While useful for inexperienced designers, the Pipe Wizard is also suitable for rectangular space layouts or to serve as a starting point for more complex spaces.

For assistance with more complicated designs, a dedicated System Sales Engineer is available to answer your questions. Please refer to the General Comment section for contact information.

General Comment

The PipelQ software is a valuable tool for designing aspiration pipe networks and calculating expected performance. However, it is not a substitute for knowledge of local codes governing an installation. Users of the software are required to adhere to all local codes and consult with the Authority Having Jurisdiction (AHJ) if clarification is needed. It is also recommended that all users read the Comprehensive Installation Manual in its entirety prior to starting a design layout with the PipelQ software.

For additional FFAST device and PipelQ software training, System Sensor offers regional certification sessions. Visit systemsensor.com/seminars to find a certification session in your area. System Sensor also has System Sales Engineers available for support. Please contact technical support for guidance at 1-800-Sensor2 (1-800-736-7672).