

1. Where does the INSIGHT® Plus fit into the Bacharach family of products?

The INSIGHT® Plus replaces the INSIGHT® as our premier residential and light commercial combustion analyzer. It is appropriate for HVAC professionals performing residential or light commercial work including installs, tune-ups, inspections, audits and weatherization appraisals. It provides a first class instrument for electronic combustion efficiency testing, ambient or flue CO measurements, differential temperature measurements and draft or pressure measurements.

2. How does the B•Smart® Sensor Exchange Program work with the new INSIGHT® Plus?

The program works exactly like the existing INSIGHT® program. The contractor will purchase a B-Smart® CO sensor calibration program directly from Bacharach through the website. The contractor chooses a calibration interval of every 6, or 12 months; factory-calibrated CO sensors are sent to them at the selected time interval, along with a CO calibration certificate.

3. Do I have to buy the optional long-life oxygen sensor with the initial INSIGHT® Plus purchase?

No, while there are kits which offer the option of our standard 2 year oxygen sensor and for our new long-life 3 year oxygen sensor, the sensor can be upgraded (or downgraded) in the field by the user. There is a simple upgrade kit available for this changeover (P/N 0024-8257).

4. What is the warranty on the INSIGHT® Plus?

The instrument and CO sensor are warranted for 2 years and the standard oxygen sensor for 1 year. The long-life sensor is warranted for 2 years, providing a 2-year warranty on all key components when it is used. This does not include consumables such as batteries, filters, etc.

5. What is the fuel listed as B5?

B5 is a mix of fuel oil and biodiesel consisting of 95% oil #2 and 5% biodiesel. Other mixes are used but the 5% mix is in common use currently. A mix of 80% heating oil and 20% biodiesel would be B20.

6. What are 3 key differences between the new INSIGHT® Plus and the INSIGHT®?

The INSIGHT® Plus has a full-color graphic display with dynamic info-graphing capability versus a monochrome graphic display in the INSIGHT®. In addition the INSIGHT® Plus CO sensor reads up to 4,000 ppm while the INSIGHT® tops out at 2,000 ppm. The INSIGHT® Plus CO sensor also has an integral NOx filter to eliminate cross sensitivity while the INSIGHT® requires an optional in-line filter in the probe hose to remove possible NOx interference.

7. How long will the INSIGHT® continue to be available for sale?

The current plan is to phase out the current INSIGHT® by May 2013. The O₂ and CO sensors are used in the new Fyrite® InTech™, reinforcing their availability. We will support sensors and other replacement parts for 5 years, or as long as they are available.

8. Are the sensors from my current INSIGHT® usable in the new INSIGHT® Plus?

Only the standard O₂ sensor (p/n 24-0788) is the same in both units but otherwise the electronics are completely different; it is also used in the new Fyrite® InTech™. The new long-life O₂ sensor can only be used in the INSIGHT® Plus and will not fit on the current INSIGHT® or the new Fyrite® InTech™. The



FAQs (con't.)

August 6, 2012

INSIGHT[®] Plus CO sensor is not able to be used in the INSIGHT[®], nor is the INSIGHT[®] CO sensor usable in the INSIGHT[®] Plus. The CO sensor sockets and operating circuits are different in the two units. A few parts like battery doors and AA alkaline batteries are used on both units. Most accessories such as probe assemblies, wireless IrDA printers, rubber boots and carrying cases are common to both units.

9. What are the key feature differences between the new Fyrite[®] InTech[™] and the new INSIGHT[®] Plus combustion analyzers?

The INSIGHT[®] Plus has a full-color color graphic display, while the Fyrite[®] InTech[™] has a monochrome graphic display. The INSIGHT[®] Plus also offers the ability to measure pressure and draft, has a larger test memory (100 test records) which is able to be downloaded to a PC via Fyrite[®] User Software, has metal gas and pressure fittings, provides dynamic info-graphing and many other value added features not available in the Fyrite[®] InTech[™] unit. A detailed comparison chart is available from Bacharach.

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[Bacharach 0024-8515 Fyrite Insight Plus Combustion Analyzer](#)

[Bacharach 0024-8516 Fyrite Insight Plus Combustion Analyzer with Reporting Kit](#)

[Bacharach 0024-8517 Fyrite Insight Plus Combustion Analyzer with Long Life O2 Sensor](#)

[Bacharach 0024-8518 Fyrite Insight Plus Combustion Analyzer with Reporting Kit & O2 Sensor](#)

