



The 5-Kilo Revelation A

Patent Pending

010324

American Made, Hand Built Quality

Frame. Heavy gauge all stainless steel body with a hand crafted cooler, cyclone, and a heavy-duty stainless steel drum. The cooler is designed to efficiently cool the coffee beans without the need for spraying water. Easily remove the cooler without any tools for simple cleaning. The cool running, external cyclone allows chaff to be collected before recirculating the roaster air through a catalyst and back into the heater. This intelligent design saves energy while cleaning the air for low NO_x roasting. High quality 208-240 Volt motor are used with no chains or belts to insure a long life and quiet operation. The Revelation A does not need an afterburner, allowing the exhaust to be removed at less than 600 degrees!



Clean Air and Fuel Saving. The Revelation uses **recirculation** through a catalyst, which prevents the heavier non-aromatic compounds, that produce off-flavors, from reaching the drum. This design improves the flavor of your coffee while saving you energy and protecting the environment. Air from the cooler is cleaned too!



- ★ Quiet Operation!
- ★ Recirculation!
- ★ Includes double insulation!
- ★ Choose between copper or stainless trim!

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Touch Screen Profiling. This roaster uses a PLC Based control system to automate each roast. Profile your roast manually or in teach mode. Teach mode allows the user to change several variables during a roast while recording every action into a profile. Saving every change in real-time allows the user to have more control over their roast while insuring repeatability. Profiles can also be manually created and changed by simply adding or modifying information on a chart. Save **over 1000 special recipes!** Users are able to change burner output, fan speed, temperature set point, time, and much more. Our control system allows you to **track and export data for every roast** for quality assurance.



Easy to Use. Once a roast profile is set, roasting is as easy as selecting the desired profile from easy to use touch screen menus and pressing start. Automatic drum discharge and cooling is included!

Safety. To insure safety, the user set can over-temperatures for the drum and cyclone. Once the over-temperature conditions are met a **water quench system** allows for the rapid cooling either the drum or cyclone. It is important to note that the water quench system can be used at the end of the roast to cool the beans, but is not necessary due to the fast cooling ability of the cooler. The control system also provides overheating and other warning indicators with electronic flame safety controls. The UL listed control panel is equipped with re-settable circuit breakers, motor overloads, and safety lockouts.



The 5-Kilo Revelation A Practically Smokeless Roasting

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- ★ 100% Quality Manufactured in the USA!
- ★ Easy to Setup and Install!
- ★ Track and Export Data for Every Roast!

- Weight: 1100 lbs
- Cyclone Exhaust: 8"
- Cooler Exhaust in one pipe
- Cooler Diameter : 20.5"
- Total height: 6'8"
- Total Width : 47"
- Total Depth: 5'6"

Gas/Electric Hybrid*

- ⇒ 35 amps 230 Volt Single Phase
- ⇒ Operates on a little more than 1¢ per pound

Total Electric

- ⇒ 60 amps 208 Volt Three Phase OR 100 amps 208/240 Volt Single Phase
- ⇒ Operates on a little less than 1.5¢ per pound

Pricing Starts at:

\$57,860.00

\$57,950.00

BTU's approximately 5,000-25,000

*The Gas/Electric Hybrid Option uses a single vent Gas ¾" gas line with 40,000 BTU supply and averages 20,000 BTUs/hr under full load.



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Features and considerations.

The Revelation A Provides what you and your customers want. Your customers want and buy Organic, Free trade and other Earth Friendly products; most are also concerned about pollution and the environment. Be the first in your market to do something to show them you care too! You need to be prepared to stay in business with higher energy costs that will continue to rise. Equipment that requires less time to operate and maintain will save costs also.

- Dual Heating Paths, Convection heating by air and direct heating through heat transfer through the drum, adjustable to operator's needs
- Modular system is easy to set up and install.
- External temperatures run 25 –30 percent less than other roasters!
- UL Listed 508-a control system and US manufacture insures you for the finest quality and long life of your investment.
- System can operate other optional equipment Like Loaders and destoners and provides semi-automatic operation.
- Burner system is simple, reliable and adjustable with dual path heating for low oxygen environment for more flavorful beans for your cup as desired.

Free One-on-one training session is provided in Oklahoma City!

Contact us for information

1530 West Main St.
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All local codes to be followed on install.

We reserve the right to make changes due to ongoing improvements.