



U.S. ROASTER CORP.

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After-Burners

Afterburners/Smoke Abatement Equipment. Built from stainless steel with ceramic fiber insulation and complete with eyes for hanging to roof supports. Afterburners are designed to operate up to 1,250 degrees if required. Our PLC-controlled “smart” unit will maintain a set temperature and then modulate automatically when coffee is present. It will also document this information and an optional chart recorder can be integrated. The “Output Programmable Models” (non PLC) can be upgraded with programming to turn “on” only when the roaster is loaded and “off” when the roaster is empty. Basic afterburners with set point burners are also available.

<u>Afterburners,</u>	<u>Max CFM</u>	<u>Cubic Feet</u>	<u>Set point</u>	<u>Smart controller</u>	<u>Smart Catalytic</u>
2-7 Kilo (400,000 Max Btu)	200	4.5	\$ 8,995.00	\$13,395.00	\$17,630.00
10-35 Kilo (725,000 Max Btu)	400	8	\$15,988.00	\$19,945.00	\$22,925.00
60 Kilo (1.2 M Btu)	600	14	\$23,360.00	\$26,960.00	\$33,795.00
70-90 Kilo (1.8 M Btu)	900	20	\$27,035.00	\$29,970.00	\$38,745.00
150-180 Kilo (2.2 M Btu)	1600	30	\$41,660.00	\$43,075.00	\$52,960.00
300 Kilo (2.5 M Btu)	2050	45	\$49,565.00	\$57,660.00	
High Flow (4 M Btu)	2700	55	\$57,920.00	\$61,650.00	
HF Extra (VH 2-4 M Btu)	3000-4000	80	\$65,285.00	\$71,995.00	Not Available.

Vertical 6-8-11-14-23-60-80

Horizontal 14-23-30-40-80-120 in stock at times. Horizontal models are quieter running

Includes 3 foot legs or rafter hooks. Stand to install above cyclone add \$985.00 (70 kilo and larger add \$1750.00.

All units can be up graded to Low Nox burners for an additional cost.

Units shown are designed for our roasters. Your requirements may differ based on the manufacturer of your roaster, jobsite conditions, and local codes. These units are sized to burn drum smoke only. Additional modifications would be required to burn cooler smoke.

Available options include all stainless construction, bottom skirt and floor mount pads, special height stands, non-standard controls, and high efficiency catalytic units and low-nox burners.

Note: We can integrate the controls of the roaster’s PLC to the afterburner if you order your “Touch Screen Profiler” roaster, and afterburner, at the same time. This will reduce your initial cost. Units are built for a specific roaster and the warranty is non-transferable. Incinerator units are designed for a maximum adjusted temperature of 1300 degrees Fahrenheit. Catalytic units operate at 600-800 degrees F, so they provide a significant fuel savings, especially when combined with a smart controller and a profiler roaster.

Cooler smoke into Afterburner?

After testing for over 10 years, we discovered that we can retrofit most roasters so that the cooler smoke also runs through the afterburner.

Normally WE USE LESS GAS THAN the OTHERS, often even less than roasters claiming they are smokeless (none are 100%).

Just about all Brands and Models blow out some smoke (or certainly the cooler smoke in the roaster) when you roast dark anyway.

Cut your operating costs in half and pay some taxes—you're still money ahead! 😊

Call us today and buy the best design in the industry from USRC.