

SMOKE ZAPPER

- ✓ REDUCE EMISSIONS
- ✓ LOW-COST MAINTENANCE
- ✓ IMPROVE CHIMNEY SAFETY



MODEL OVERVIEW:

The Smoke Zapper is designed to handle soot/odor emissions from wood and coal red ovens. Each Smoke Zapper model manufactures an induced draft matched to the appropriate oven size which in most installations creates an adequate negative pressure system without the use of an additional fan. The naturally created draft is built to match the needs of a solid fuel oven without cooling the oven or allowing smoke to escape through the oven mouth.

Up to 850 CFM Rating Oven

The Smoke Zapper requires a direct chimney connection to the flue of a solid-fuel oven, and can be vented through a pre-existing solid fuel chimney line or its own dedicated line.

POLLUTION CONTROL FOR SOLID-FUEL OVENS:

The Smoke Zapper is the leading pollution control system designed for the specific challenges of wood and coal red ovens. The patented filtration technology that separates the Smoke Zapper from its competition lies in its use of a high-pressure water nozzle array. This array creates an induced draft which pulls smoke into the unit, where it is simultaneously rinsed of particulate matter and cooled to a safe temperature. **The resulting vapor is then released into the atmosphere at an average temperature of 100°F, with up to a 95% reduction of particulate matter and a 50% reduction in odor.**

The Smoke Zapper is the practical solution to fresh air and odor complaints, fire safety issues and regional/federal environmental codes. With its flexible installation method, low maintenance costs and engineered focus, the Smoke Zapper remains the unrivaled choice in pollution control systems for wood and coal red ovens.

USA HEADQUARTERS 601 N Main St.
Brewster, NY 10509

One-year conditional warranty on unit and parts.
Smoki USA reserves the right to change design or specifications without notice.





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PHYSICAL FEATURES:	SZ 200	SZ 250	SZ 300
TOTAL DIMENSIONS (W x D x H)	38.5" x 28.75" x 31.5"	38.5 x 28.75" x 31.5"	44.5" x 33" x 33"
WEIGHT (EMPTY)	200 LBS	200 LBS	330 LBS
OPERATING WEIGHT	354 LBS	354 LBS	590 LBS
WATER TANK CAPACITY	18.5 GALLONS	18.5 GALLONS	31 GALLONS
OPERATING TEMPERATURE	14°F - 120°F	14°F - 120°F	14°F - 120°F
CHIMNEY CONNECTION	8"	10"	12"
ELECTRICAL FEATURES:			
RATED VOLTAGE / MAIN FREQ.	1 PHASE x 115V / 60HZ	1 PHASE x 115V / 60HZ	1 PHASE x 115V / 60HZ
RATED CURRENT / RATED POWER	14.6 A / 1.5 HP	14.6 A / 1.5 HP	14.6 A / 1.5 HP
PLUMBING REQUIREMENTS:			
WATER CONSUMPTION	9 GALLONS / HR	9 GALLONS / HR	9 GALLONS / HR
DRAIN CONNECTION	1.5" TO GREASE TRAP	1.5" TO GREASE TRAP	2" TO GREASE TRAP
WATER CONNECTION	0.5" TAP WATER LINE	0.5" TAP WATER LINE	0.5" TAP WATER LINE
AIR FLOW:			
MAXIMUM AIR FLOW	350 CFM	450 CFM	850 CFM
STATIC PRESSURE	0.2" H ₂ O	0.2" H ₂ O	0.2" H ₂ O
MINIMUM REQUIRED MAINTENANCE SPACE:			
ABOVE UNIT	24"	24"	24"
UNIT FRONT	36"	36"	36"
UNIT BACK	18" *	18" *	18" *
UNIT SIDE	18" *	18" *	18" *

* 18" to combustibles per NFPA 96 - Clause 4.2.3 - 0" to non-combustible

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