

# POLLUTION CONTROL PRODUCTS CO.

## Automotive Parts STRIPPING FURNACE

Designed to safely and economically remove grease, paint, carbon and other combustible materials from engine heads, blocks and other automotive parts – *POLLUTION FREE*.

- Controlled Pyrolysis is a safe and gentle process that cleans and extends the life of industrial parts and tooling, *POLLUTION-FREE*.
- Eliminates hydro-carbon emissions and the use of hazardous chemicals and abrasives.
- Easy-to-operate control system ensures safe and thorough cleaning and reduced labor costs.
- Parts come out of the oven dry and ready for shot blasting.
- **FASTEST DELIVERY TIMES IN THE INDUSTRY**



For more product information, case histories and company news, go to:

[www.pcpconline.com](http://www.pcpconline.com)

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For a Free Test Cleaning call Sales at 214-358-1539

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## SPECIFICATIONS AND DATA

**Cabinet:** Heavy-gauge sheet steel supported by structural steel angles and channels. All-welded construction with sealed seams to prevent leakage gives maximum fuel economy.

**Floor:** Hard castable refractory, 3"-4" thick, reinforced with structural steel channels. Allows easy removal of ashes.

**Doors:** Equipped with cam-type lock assemblies, tadpole sealing gaskets, and stay-open hooks. Doors open 270°.

**Explosion Relief:** Unique gravity-sealed top relief automatically opens to relieve excess pressure, then closes, preventing air from reaching combustible material.

**Insulation:** Walls, ceiling, and doors covered with 3" of a two-layered lightweight ceramic fiber blanket insulation anchored on stainless steel pins, wire mesh and locking washer. Contains no asbestos. Perforated metal liner protects insulation from mechanical damage. Furnace insulation rated at 2300°F (1275°C).

**Vent Stack:** Made in 36"-long lightweight sections for easy erection. Stainless steel metal exterior lined with high-temperature ceramic fiber in hard form. Sections snap together.

**Fuels:** Natural gas, propane gas, or #2 fuel oil. Gas pressure required: 11 inches W.C.

**Electrical Service:** 110-125 volts, 50-60 hertz, single-phase, 5-10 amp. draw.

**Water Supply:** Minimum pressure 40 psi, maximum 100 psi for water injection system. Maximum flow rate 5-7gpm (15 liter/min.).

**Normal Cycle Time:** 3-5 hours plus cooling time. Timer adjustable 0-12 hours with dual frequency dial for 50 and 60 hertz. (Automatic features available.)

**Normal Cycle Temperature:** 750°-800°F (399°-430°C).

**Pollution Standards:** Meets latest E.P.A. Standards.

**Safety and Health Standards:** UL Listed Control Panel. Meets latest O.S.H.A. Federal Standards.

**Insurance Standards:** Meets most state and local codes. Can be equipped to meet Factory Mutual or IRI Standards.

**Anti-Corrosive Vapor Barrier:** Prevents corrosive vapors from condensing on inside furnace walls. Greatly extends useful life of furnace.

**Combustion Chamber Protection Guard:** A heavy-duty steel barrier, built around the upper and lower combustion chambers protects from errant or careless loading.

**Multi-Style Carts Available:** Can uniquely meet your individual loading requirements through several different cart styles (standard with oven).

**Commercial Gas Burners:** Designed specifically for incinerator and other similar applications. Features include superior no-clog nozzle design, easy maintenance, and heavy-duty construction. Burners are equipped with a patented automatic self-cooling system that inhibits burner damage.

## COMMON SIZES

(Dimensions in Inches)

VPI MODEL NO.	OUTSIDE DIMENSIONS INCLUDING BURNERS AND CONTROLS			INSIDE DIMENSIONS (DOOR OPENING)			CART USABLE DIMENSIONS			APPROX. SHIPPING WEIGHT IN CRATE (LBS)
	Width	Depth	Height	Width	Depth	Height	Width	Depth	Height	
27F	62	70	42	36	42	32	27	39	19	2,080
52	68	72	55	42	48	44	33	45	31	2,630
71	68	84	61	42	60	50	33	57	37	2,750
88	71	85	74	48	52	60	37	48	40	3,720
111	77	87	80	54	54	66	43	50	46	4,200
130	48	78	60	71	114	74	37	78	40	4,700
150	83	97	86	60	64	72	49	60	52	5,100
222	83	121	86	60	88	72	49	84	52	5,700
225	72	74	75	96	109	89	61	72	54	5,800
243	95	97	104	72	64	90	61	60	70	5,900
260	91	121	98	66	88	84	55	84	61	6,240
300	85	157	87	60	124	72	49	120	49	7,300
308	91	121	110	66	88	96	55	84	73	6,460
340	109	121	98	84	88	84	73	84	61	6,730
390	109	121	111	84	88	96	73	84	73	7,440
448	121	133	99	96	100	84	85	96	61	8,440
482	97	169	99	72	136	84	61	132	61	8,000
512	121	133	111	96	100	96	85	96	73	8,470
577	121	145	111	96	112	96	85	108	73	9,040
608	121	133	129	96	100	114	85	96	91	8,820
680	121	157	117	96	124	102	85	120	79	10,130
748	121	169	117	96	136	102	85	132	79	10,260
885	133	157	132	108	124	117	97	120	94	10,820

\*Many other standard sizes available.