

# POLLUTION CONTROL PRODUCTS CO.

## Paint Stripping Furnace

**Extends the Life of Tooling and Helps Increase Production and Profits by Removing Paints, Epoxies, Powder Coatings and other Combustible Materials from Conveyorized Paint Hangers, Racks and Hooks – Safe and Pollution-Free!**

### **TWO MODELS AVAILABLE:**

#### **Controlled Pyrolysis (PTR)**

Basic, yet highly effective, this patented system anticipates/prevents overheating. Includes primary and backup water spray as standard equipment. Multiple built-in safety features. Perfect choice for low level of combustibles materials.

#### **Rate Controlled (PRC)**

Excellent choice for varying load sizes or high combustible amounts. Faster overheat response time than PTR. Built to FM standards with high fire afterburner (required in some states). Operator need only to press the start button, the furnace evaluates the load and self-adjusts the cleaning cycle.



#### **Fully Automatic and Self Adjusting**

Simply load your paint hanger, set the cycle time and the furnace does the work with shorter cycle times.

#### **Most Efficient Heat Distribution**

Safe and uniform control through our patented design.

#### **Industry Leading Experience**

Over 7,000 installations in 45 countries worldwide.

#### **Save Time, Money and Materials**

Reduces paint usage and improves the quality of the finished product. Will lower your reject rate.

#### **Great Value**

Superior quality at reasonable prices.

#### **Fastest turnaround in the Industry!**

*Call for a Quotation. Se Habla Español*

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

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

## **Pollution Control Products Co.**

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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 washers. 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:** Meets latest O.S.H.A. Federal Standards. Can be equipped to meet N.F.P.A. 86

**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)

PTR/PRC MODEL NO.	OUTSIDE DIMENSIONS INCL. BURNERS & 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	36	2,630
71	68	84	61	42	60	50	33	57	42	2,750
88	71	85	74	48	52	60	39	48	46	3,720
111	77	87	80	54	54	66	45	50	52	4,200
150	83	97	86	60	64	72	51	60	58	5,100
177	83	97	98	60	64	84	51	60	70	5,200
188	83	85	113	60	52	99	51	48	85	5,500
222	83	121	86	60	88	72	51	84	58	5,700
243	95	97	104	72	64	90	63	60	74	5,900
260	91	121	98	66	88	84	57	84	68	6,240
300	85	157	87	60	124	72	51	120	58	7,300
308	91	121	110	66	88	96	57	84	80	6,460
340	109	121	98	84	88	84	75	84	68	6,730
390	109	121	111	84	88	96	75	84	80	7,440
448	121	133	99	96	100	84	87	96	68	8,440
482	97	169	99	72	136	84	63	132	68	8,000
512	121	133	111	96	100	96	87	96	80	8,470
577	121	145	111	96	112	96	87	108	80	9,040
608	121	133	129	96	100	114	87	96	99	8,820
680	121	157	117	96	124	102	87	120	87	10,130
748	121	169	117	96	136	102	87	132	87	10,260
885	133	157	132	108	124	117	99	120	102	10,820

\* Many other standard sizes available.