



DESCRIPTION

Our company, to complete the range of products for the pyrolysis process, introduces two models: **RE PF** and **RE PFL**.

In both cases, the operation of these furnaces in the cleansing of filters and die plate packs is based on the process of "PYROLYSIS" according to which the hydrocarbon molecules, less stable if subject to heat, when subjected to certain thermal cycles, break (cracking) giving rise to simpler gaseous molecules.

In our case the pyrolysis obtained from the polymer which coats the parts, while a complete incineration process is realized, generates combustible gases which are subsequently brought to complete oxidation in the post-combustion chamber generating products perfectly suitable for release into the atmosphere.

Specifically **RE PF** is a chamber furnace in stainless steel sheet.

Direct or indirect heating is obtained by means of sets of electrical resistances.

If requested, post-combustors are available, that will be connected directly to the flue gas stack of the treatment.

Electronic adjustments of temperature through static power relays with the possibility of programming and data logging. Door opening: with hinge or counterbalanced guillotine with manual or servo-assisted handling system.

We support customers from consulting to the realization proposing standard or customized solutions.

For more information and images see our website www.ctmsrl.it

TECHNICAL FEATURE

Model RE PF	Useful dimensions of the chamber			Rated power	Capacity
	Width	Height	Depth	Kw	Lt
RE PF/0COMBI	350	250	450	6 +3	39
RE PF/0	300	300	400	6	36
RE PF/1	400	400	500	8	80
RE PF/2	500	500	500	10	125
RE PF/ST	700	500	600	15	210
RE PF/ST PD	600	760	600	18	273
RE PF/3	650	650	750	15	317
RE PF/4	750	600	750	16	337
RE PF/5	1000	750	1000	24	750
RE PF/6	1000	1000	1200	35	1200
RE PF/7	1200	1200	1500	50	1440

