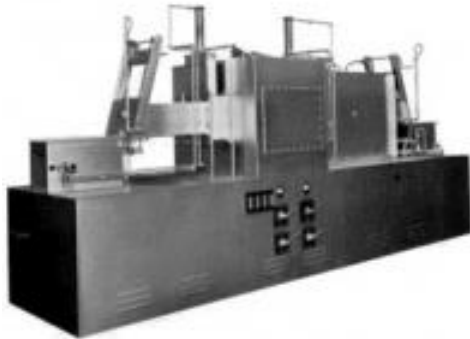


LUCIFER FURNACES

Manufacturer of Industrial Heat Treating Furnaces and Ovens



Series P3AC - High Temperature Pusher Type Controlled Atmosphere Furnaces



Heat treating for stainless steels, high speed tool steels, copper and silver brazing, and laboratory research.

High temperature atmosphere pusher models to 2350°F. Work areas from 5"x8"x18" to 10"x12"x36". Equipped with charge vestibule, high temperature furnace section, water-jacketed cooling chamber, and loading tables. Inner and outer manually operated outer doors. Completely assembled, wired to N.E.C., test fired, and equipped with Digital Temperature Controller ready for connection to main power and atmosphere supply.

Standard Features

- Heavy gauge sheet metal construction with structural reinforcement.
- Multi-layered 7 1/2" of lightweight firebrick insulation.
- Silicon carbide heating elements mounted horizontally above & below hearth.
- SCR Power Supply for automatic voltage regulation to elements
- Honeywell digital temperature controller and ammeters.
- Platinum thermocouple assembly.
- Silicon carbide hearth with side rails.
- Manually operated inner and outer door assemblies.
- Water temperature control on cooling section.

Model Specifications

MODEL	WORK AREA		VESTIBULE LENGTH"	HOT ZONE LENGTH"	COOLING ZONE LENGTH"	KW	VOLTAGE	OVERALL		
	H"	W"						H	W	L
P3AC-050818	5	8	12	18	54	16	230/3/60	6'6"	3'1"	11'6"
P3AC-050824	5	8	18	24	72	22	230/3/60	6'6"	3'1"	15'2"
P3AC-081024	8	10	18	24	72	26	230/3/60	6'10"	3'4"	15'2"
P3AC-081036	8	10	24	36	108	40	230/3/60	6'10"	3'4"	20'8"
P3AC-101224	10	12	18	24	72	32	230/3/60	7'4"	3'6"	15'2"
P3AC-101236	10	12	24	36	108	48	230/3/60	7'4"	3'6"	20'8"

Options: Flame curtains, burn-off's, atmosphere safety system, overtemperature control systems.

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