

HuppCo Series

Standard Features

- Standard operating temperature from 300°F (149°C) through 2000°F (1093°C). High temperature model available.
- Microprocessor based digital temperature controls with full P.I.D. output functions.
- Air operated vertical lift door, requires 50psi air.
- Thermal efficient, high temperature ceramic fiber insulation.
- Durable long life coil wire heating elements mounted in ceramic holder plates and independent of the furnace insulation.
- Fast heat up rate
- Heavy duty ceramic hearth trays protect the furnace floor and provide a flat level work surface.
- Housing is finished with heat resistant industrial brown enamel.
- Factory assembled, wired and power tested, ready to connect to local power supply.



Controller Options

- MP - Programmable ramp and soak controller, single loop with 8 segments. Microprocessor based digital temperature controller with full P.I.D. output.
- OT—Over Temperature control system, the independent safety control system prevents unwarranted heat up of furnace.

The HuppCo Series furnace has been designed and built specifically for the medium volume user. This durable, reliable and compact heat treating furnace is loaded with standard features and offers a variety of optional equipment available to customize the furnace to your specific needs. Utilizing the latest in ceramic fiber insulation, and microprocessor based controls, this furnace heats quickly, provides uniform temperature across the working area, and recovers quickly after loading.

See the complete list of optional equipment available to customize your HuppCo to meet your needs.



Huppert Industries, Inc.

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HuppCo Series Optional Features

- High temperature operation: Increases the maximum operating temperature to 2250°F (1223°C).
- Alloy retort: Inconel retort used for inert atmosphere processing to reduce or eliminate scale.
- Digital process timer: Digital solid state timer, range from 0.01 seconds to 999 hours. This timer will disconnect power to the control circuit and subsequently shut down the furnace after the preset process time period.
- 24 hour timer: 7 day, 24 hour timer will power the unit up and/or down at preset times automatically.
- Chart recorder: A variety of round and strip chart recorders are available to meet your needs. Contact our office for details.
- Quench basket: Inconel wire mesh basket reinforced by alloy rods to produce a sturdy basket that can be used to contain small parts while heat treating and quenching.
- Cabinet style stand: Cabinet type floor stand useful for accessory and tool storage. Stand measures a full 31" high with width and depth matching the appropriate furnace model.

Model No.	Power	Voltage	Phase	Chamber Dimensions			Overall Dimensions		
				W"	H*	D	W	H	D
2304	6 kw	208 or 240	1 or 3	12"	12"	16"	26"	29"	30"
3300	9 kw	208, 240 or 480	1 or 3	12"	12"	23"	26"	29"	37"
3072	6 kw	208 or 240	1 or 3	16"	12"	16"	30"	29"	30"
4416	9 kw	208, 240 or 480	1 or 3	16"	12"	23"	30"	29"	37"
5760	12 kw	208, 240 or 480	1 or 3	16"	12"	30"	30"	29"	44"

• Throat opening is 2" less in the width and 1" less in the height than chamber dimension.



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