

◆ PRC2-63 Catheter Oven

Designed specifically for annealing and curing catheters up to 80 inches long



The Despatch PRC2-63 is designed specifically to address the unique requirements of catheter manufacturers. It's a one-size-fits-all solution that features vertical airflow to keep cross wind from blowing tubes around, a tall configuration with a small footprint to save floor space while allowing room to hang catheters up to 80 inches long inside the chamber, and a stainless steel interior for easy cleaning. A truck and dolly system with a rack for hanging catheters is available as an option. Purchasing two trucks allows for preloading one truck while the other is in the oven to improve productivity.

Standard digital controls regulate temperatures within tight tolerances and provides high limit protection. For more advanced control choose the optional Protocol 3™ micro-processor-based temperature and hi-limit controller with large LCD display and real time clock for auto start capability. The LCD display shows temperature readings along with clear, detailed information on oven status. The data-logging functionality enables reporting and analyzing and data files can be exported via the controller's USB port. Modbus RS485 communications are included for easy data access.



FEATURES AT A GLANCE

- ◆ Maximum temperature of 260°C (500°F)
- ◆ Vertical up airflow
- ◆ Small footprint
- ◆ 84 inch tall chamber to hang catheters
- ◆ 304 stainless steel interior
- ◆ 5-year heater warranty
- ◆ Digital control with 3/4" (1.9cm) LED display
- ◆ High limit over-temperature protection
- ◆ PC interface for remote input, monitoring and recording (RS485 connection)
- ◆ UL and C-UL listed open industrial control panel

OPTIONS

- ◆ Truck and dolly with rack for hanging catheters
- ◆ Protocol 3™ control with large LCD display, integrated data logging capabilities and USB port for simple oven set-up and data export
- ◆ End of cycle and high-limit indicators
- ◆ Door interlock switch turns off heater and fan when door is opened
- ◆ Audible and visual high-limit alarm
- ◆ 2" and 4" access port for test wires
- ◆ Chart recorders
- ◆ CE compliance



CATHETER ANNEALING/CURING OVEN

PRC2-63

PHYSICAL SPECIFICATIONS

Chamber size (width x depth x height)	36 x 36 x 84.5 in. (91.4 x 91.4 x 214.6 cm)
Capacity in cubic feet (liters)	63 (1,784)
Overall size (width x depth x height)	56 x 62.5 x 123 in. (142.2 x 158.8 x 312.4 cm)
Electrical (standard)	480 Volts, 3-phase, 60 Hertz, 23.7 amps
Electrical (alternative options)	208 Volts, 3-phase, 60 Hertz, 59 amps 240 Volts, 3-phase, 60 Hertz, 47.5 amps
Number of doors	2

FUNCTIONAL SPECIFICATIONS

Temperature uniformity at set point	+/- 1.5% after stabilization
Operating range with 20°C ambient	40°C to 260°C (105°F to 500°F)
Control stability	+/- 0.5°C
Repeatability	+/- 0.5°C
Exhaust (includes manually adjustable damper)	Gravity exhaust with 5 in. (12.7 cm) diameter exhaust port
Recirculating fan	2 HP; airflow capacity: 1,500 CFM (708 LPS)
Heater capacity	12 kW

Notes:

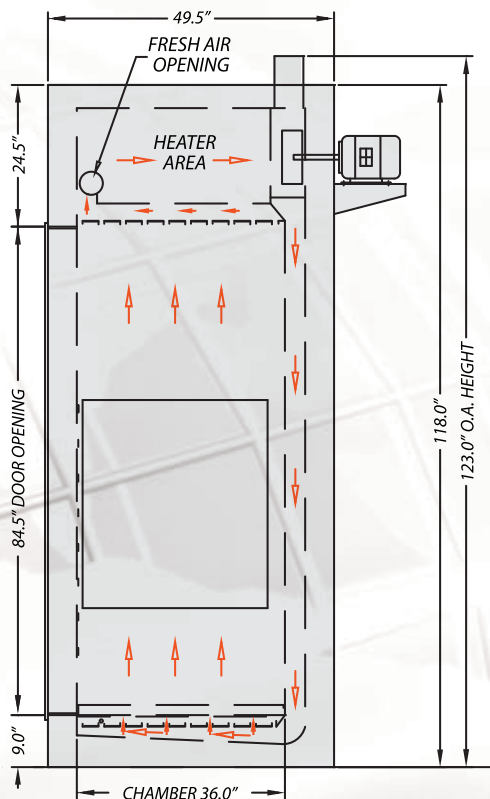
Notes: Design uniformity figures are based on a nine-point test conducted in an empty oven after stabilization period. Uniformity can vary slightly depending on unit and operating conditions.

Minimum operating temperature and cooling times are based on 20°C ambient temperature measured at the fresh air inlet. Specifications are subject to change without notice.

If the existing specifications differ from yours, ask about our customizing capabilities.

Warning: Despatch PRC2-63 Ovens are not to be used with flammable solvents, combustible materials or enclosed flammable solvents, consult the factory about modifications.

Right side view



CATHETER TRUCK AND DOLLY SYSTEM OPTION

A truck and dolly with a rack for hanging catheters is available as an option. Purchasing two trucks allows for preloading one truck while the other is in the oven to improve productivity.



SERVICE AND TECHNICAL SUPPORT

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