

### ◆ Catheter Ovens

Designed specifically for annealing and curing catheters up to 2 meters (80 inches) long

The Despatch catheter ovens are designed specifically to address the unique requirements of catheter manufacturers. Featuring 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 2 meter (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 an optional profiling controller option with microprocessor control, large display, datalogging capabilities and communications.



#### 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 1.9 cm (3/4") LED display
- ◆ High limit over-temperature protection
- ◆ UL and C-UL listed open industrial control panel

#### OPTIONS

- ◆ Truck and dolly with rack for hanging catheters
- ◆ Profiling controller with microprocessor control, large display, datalogging capabilities and communications.
- ◆ End of cycle and high-limit indicators
- ◆ PC interface for remote input, monitoring and recording (RS485 connection)
- ◆ 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
- ◆ For vertical allowances for catheters longer than 2 meters - consult factory



## CATHETER ANNEALING/CURING OVEN

### PHYSICAL SPECIFICATIONS

Chamber size (width x depth x height)	PRC2-63 36 x 36 x 84.5 in. (91.4 x 91.4 x 214.6 cm) PRC2-53 36 x 36 x 70.5 in. (91.4 x 91.4 x 179.1 cm)
Capacity in cubic feet (liters)	PRC2-63 63 (1,784) PRC2-53 53 (1,501)
Overall size (width x depth x height)	PRC2-63 64.5 x 62.5 x 123 in. (163.8 x 158.8 x 312.4 cm) PRC2-53 64.5 x 62.5 x 109 in. (163.8 x 158.8 x 276.9 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)
Max catheter length support	PRC2-63 200cm (80") PRC2-53 165cm (66")

#### Notes:

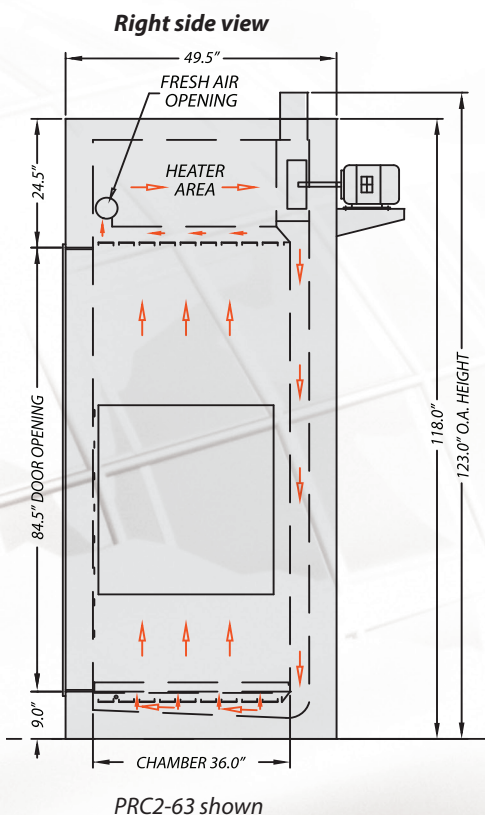
Notes: Design uniformity figures are based on a nine-point test conducted in an empty oven after stabilization period. Uniformity can vary slightly depending on unit and operating conditions.

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.

PRC2-53 is suitable where facility ceiling restrictions do not allow installing a PRC2-63

**Warning: Despatch Catheter ovens are not to be used with flammable solvents, combustible materials or enclosed containers. If your process involves flammable solvents, consult the factory about modifications.**



### 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

service phone: 1-800-737-8110  
service international: 1-573-317-3054

dpsupport@itwae.com  
parts@itwae.com

### GLOBAL HEADQUARTERS

main phone: 1-800-726-0110  
international/main: 1-952-469-5424  
sales: 1-800-726-0550  
international/sales: 1-952-469-8240  
sales@despatch.com

### WWW.DESPATCH.COM

8860 207th Street West  
Minneapolis, MN 55044 USA

**Despatch**  
Thermal Processing Technology **ITW EAE**