

Fast Take

- Horizontal airflow for excellent temperature uniformity and stability.
- 240-v, 15-amp electrical service for fast heat-up and recovery.
- Temperature uniformity of ± 3 °C.
- Temperature range of +10 °C above ambient to 250 °C.
- Three sizes to choose from.
- 7-day/24-hour timer on LC-18 models.



The 18 cu. ft. model OF128060

real time

[Heavy Duty Ovens]

Three models specifically designed for today's Superpave lab.

monitoring

Monitor temperature without opening the oven door

The 18 cu. ft. model OF128060 Oven has three stainless steel thermocouple probes inside the oven chamber. You can monitor each probe and the temperature of your mix inside the gyratory mold just by checking the control panel's digital readout—there's no need to open the Oven door. Your lab techs save valuable time. You save energy because the Oven doesn't have to continually recover lost heat. And your lab stays cooler because the Oven door stays closed.

If you want a smaller-capacity oven without thermocouples, choose the 8 cu. ft. model OV116040 or the 12.5 cu. ft. model OV116850.

Control temperature with precision

On all three models, as the temperature nears setpoint, the digital PID controller maintains maximum heat-up rate without overshoot. You get the stability and uniformity that today's procedures demand. But there's more.



Hydraulically controlled over-temperature protection ensures that oven temperature will not exceed preset limits. Upon initial startup, you simply adjust the hi-limit control. The Oven does the rest.

PINE Instrument Company



Test the big loads

These large-capacity ovens have heavy-duty shelves that hold 200 pounds—perfect for gyratory compactor molds. And don't worry about spills; the heating elements and fans are built into the top of the Oven.

Specifications

Volts – 220-240

Amps – OF116040: 12.5; OF116850: 20.5; OF128060

Watts – OF116040: 3000; OF116850: 4900

Stability – OF116040: $\pm 0.2@150\text{ }^{\circ}\text{C}$; OF116850: $\pm 0.2@150\text{ }^{\circ}\text{C}$; OF128060: $\pm 0.5\text{ }^{\circ}\text{C}$

Uniformity – OF116040: $\pm 3\text{ }^{\circ}\text{C}@150\text{ }^{\circ}\text{C}$; OF116850: $\pm 3\text{ }^{\circ}\text{C}@150\text{ }^{\circ}\text{C}$; OF128060: $\pm 3\text{ }^{\circ}\text{C}$

Chamber volume – OF116040: 8 cu. ft.; OF116850: 12.5 cu. ft; OF128060: 18 cu. ft.

Chamber dimensions – OF116040: 21" (53.3 cm) H x 26" (66 cm) W x 26" (66 cm) D; OF116850: 32.5" (82.5 cm) H x 26" (66 cm) W x 26" (66 cm) D; OF128060: 46" (116.8 cm) H x 26" (66 cm) W x 26" (66 cm) D

Overall dimensions – OF116040: 35" (88.9 cm) H x 34.5" (87.6 cm) W x 31" (78.7 cm) D; OF116850: 53.75" (136.5 cm) H x 35" (88.9 cm) W x 34" (86 cm) D; OF128060: 75" (190.5 cm) H x 35" (88.9 cm) W x 34" (86.4 cm) D



Get Pine on the line: discuss the Heavy Duty Oven with a Pine Instrument Company expert; call 724-458-6391.

*Road tested performance.
Time tested service.*