



FAN CONVECTION LABORATORY OVEN

PF

www.carbolite.com/products/ovens/laboratory-ovens/pf/

PF

FAN CONVECTION LABORATORY OVEN

The PF oven range comprise four sizes of bench mounted units with maximum operating temperatures of 300°C.

Fan convection provides greater temperature uniformity and faster recovery rates than natural convection.



PF

STANDARD FEATURES

- | 300°C maximum operating temperatures
- | 28 to 230 litre chamber volumes
- | Equipped with the R38 digital PID temperature controller
- | Fan convection for rapid heating & recovery & excellent uniformity
- | Chemically resistant stainless steel liner
- | Two nickel-chrome plated wire shelves
- | Lever latch door & airtight silicone seal
- | Compliant with safety standard BS EN 61010-2-010:2003

PF

OPTIONS

Specify these at time of order.

- | A range of sophisticated digital controllers, multisegment programmers and data loggers with digital communication options is available
- | Over-temperature protection (recommended to protect valuable contents & for unattended operation)
- | Access port for independent thermocouple
- | Accessory shelves & runners
- | Heavy duty reinforced base and shelves
- | Cable entry ports
- | Variable speed fan control
- | Stoving & curing options for extraction of small volumes of volatile solvents (not compatible with viewing window option)
- | Viewing window (not compatible with stoving & curing option)
- | Interior light (not compatible with stoving & curing option)
- | Air exhaust fan
- | Moisture extraction option (comprising sealed seams and air exhaust fan)
- | Stacking frame to enable units to be stacked one upon another
- | Lockable door
- | Door switch to isolate elements and fan
- | Fixed or castor mounted floor stands
- | Low voltage options for use below 220 V
- | Routine spares kit

PF

EXAMPLES



PF 60 with 301 controller and optional exhaust fan and over-temperature control



PF 200

PF

TECHNICAL DATA

Model / parameter	PF60	PF120	PF200
Max temp (°C)	300	300	300
Min temp (°C)	Ambient +30	Ambient +30	Ambient +30
Temp stability (°C)	±0.2	±0.2	±0.2
Temp uniformity (°C)	±5.0 @ 300°C	±5.0 @ 300°C	±5.0 @ 300°C
Heat-up time (mins)	36	35	42
Recovery time (mins)	4	4	5
Dimensions: Internal H x W x D (mm)	400 x 390 x 420	500 x 490 x 520	750 x 590 x 520
Dimensions: External H x W x D (mm)	570 x 765 x 570	670 x 865 x 670	920 x 965 x 670
Shelves fitted / accepted	2 / 6	2 / 10	2 / 16
Shelf loading each / total (kg)	10 / 30	10 / 40	10 / 50
Optional heavy duty reinforced base max. weight (kg)	60	80	100
Optional heavy duty shelves max. quantity	3	3	4
Optional heavy duty shelves max. weight / shelf (kg)	20	25	25
Configuration	Bench-top	Bench-top	Bench-top
Volume (litres)	66	127	230
Air changes / hr	21 / 153*	11 / 79*	6 / 44*
Max power (W)	1500	2000	2700
Holding power (W)	775	900	1180
Weight (kg)	55	74	96

PF

CONTACT US

www.carbolite.com/contact-services/contact-form/?prefilltext=contact_form.request&product=C-1-ULO-C

REQUEST A QUOTE

www.carbolite.com/contact-services/contact-form/?prefilltext=contact_form.quote_request&product=C-1-ULO-C



CARBOLITE[®]
a **VERDER** company

www.carbolite.com/products/ovens/laboratory-ovens/pf/

© Carbolite Gero – www.carbolite.com / Content may be subject to modifications or corrections