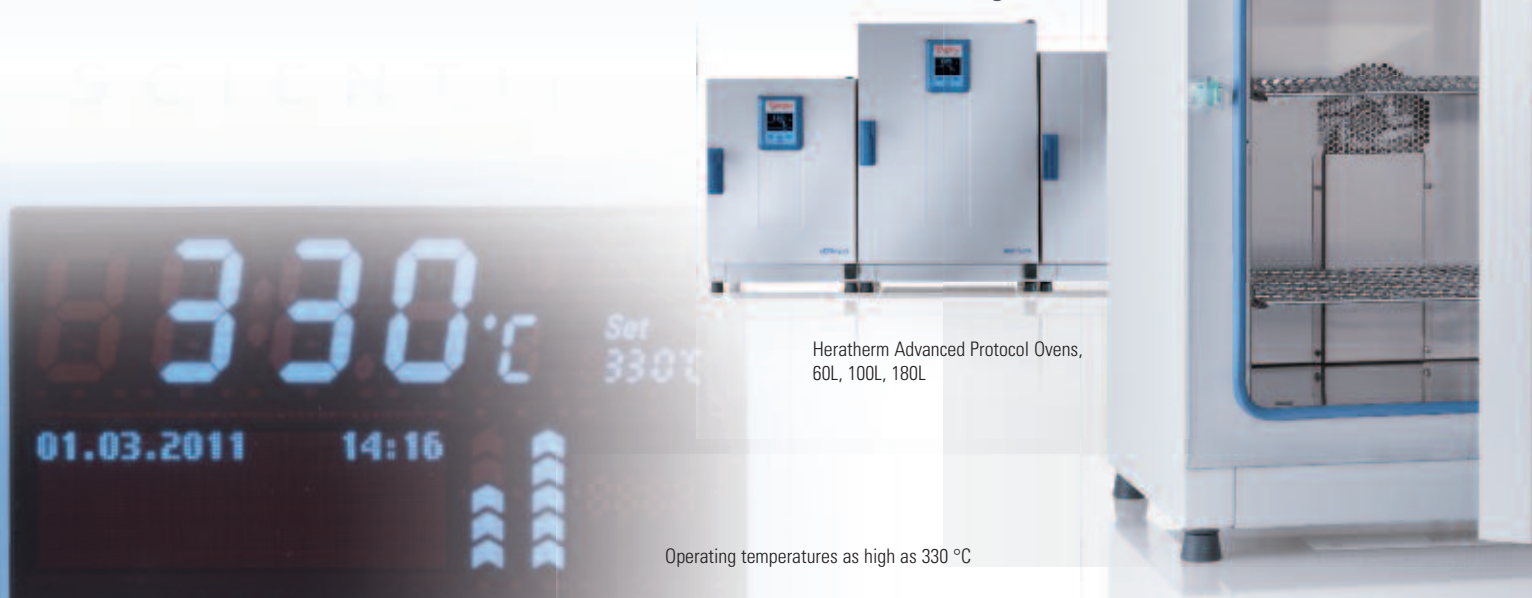


Thermo Scientific Heratherm

Advanced Protocol Ovens

As well as incorporating all the benefits of our General Protocol ovens, the Heratherm Advanced Protocol range boasts additional features providing even more flexibility, accuracy and dependability.



Heratherm Advanced Protocol Ovens,
60L, 100L, 180L

Operating temperatures as high as 330 °C

efficiency

- Sophisticated timer extends the automation options available to the user
 - > Automate the oven to turn on or off after a pre-set time
 - > Choose between a recurring weekly timer or run oven based on the 24 hour clock

prime performance

- Capable of operating at temperatures up to 330 °C
- Highest level of temperature uniformity
- Exceptionally low energy consumption – 60 liter models just need 170 W (gravity convection) and 275 W (mechanical convection) per hour to maintain 150 °C

SPECIFICATIONS TABLE/ORDER NUMBERS ADVANCED PROTOCOL OVENS

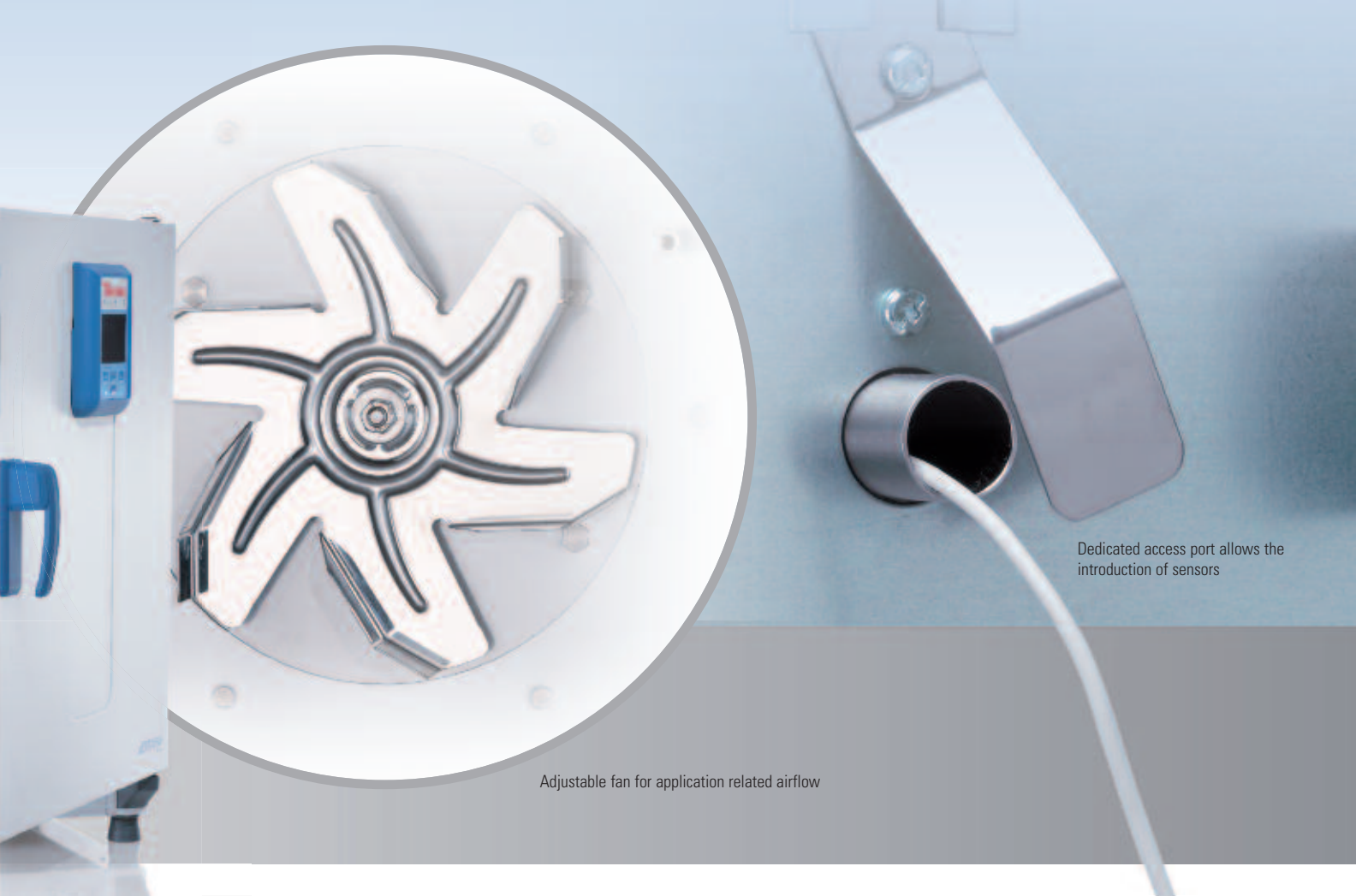
Order number		51028115	51028116
Model		OGH60	OGH100
Convection technology		Gravity convection	Gravity convection
Temperature range	°C	50 - 330	50 - 330
Spatial temperature deviation	at 150 °C	± 2.5 °C	± 2.5 °C
Temperature deviation over time	at 150 °C	± 0.3 °C	± 0.3 °C
Footprint	sqm / sqft	0.3 / 3.2	0.36 / 3.9
Chamber volume	L / cuft	61 / 2.15	99 / 3.6
	chamber, mm / in (W x H x D)	328 x 480 x 389 / 12.9 x 18.9 x 15.3	438 x 580 x 389 / 17.2 x 22.8 x 15.3
	exterior ¹ , mm / in (W x H x D)	530 x 720 x 565 / 20.9 x 28.3 x 22.2	640 x 820 x 565 / 25.2 x 32.3 x 22.2
Number of shelves	supplied / max	2 / 13	2 / 16
Max. shelf load	kg / lb	25 / 55	25 / 55
Rated voltage / frequency	V / Hz	120 / 60	208-240 / 60
Rated power / max. current	W / A	1730 / 14.4	3360 / 14
Weight	kg / lb	44 / 97	55 / 121
Additional shelf kit ² order number		50127761	50127762
Stacking kit order number		50126665	50126666
Support stand with casters ³ order number		50127741	50127742



¹ Depth of handle / display not included in depth (2.6 in); adjustable feet not included in height (1.4 in) – required distance to rear wall: 3.1 in

² Includes two shelf supports

³ Height of stand including casters: 187 mm / 7.4 in



Adjustable fan for application related airflow

Dedicated access port allows the introduction of sensors

unmatched sophistication

- Adjustable fan speed for application related airflow:
 - > High speed for fastest drying and heating, quick recovery as well as best temperature stability and uniformity
 - > Reduced speed for applications that require minimal airflow, like drying of powders
- Programmable controller for temperature ramps and dwells
 - > Store up to 10 programs with 10 discrete steps
 - > Features electronically controlled fan speed and damper position
- Access port allows the introduction of sensors for independent data monitoring
- A simple calibration routine ensures temperature accuracy over time
- Boost function enables rapid heating up – no need to run the oven 24/7

51028117	51028124	51028125	51028126
OGH180	OMH60	OMH100	OMH180
Gravity convection	Mechanical convection	Mechanical convection	Mechanical convection
50 - 330	50 - 330	50 - 330	50 - 330
± 2.9 °C	± 1.5 °C	± 1.3 °C	± 1.5 °C
± 0.3 °C	± 0.2 °C	± 0.2 °C	± 0.2 °C
0.47 / 5.1	0.3 / 3.2	0.36 / 3.9	0.47 / 5.1
168 / 6.05	62 / 2.2	97 / 3.5	170 / 6.1
438 x 680 x 564 / 17.2 x 26.8 x 22.2	354 x 508 x 343 / 13.9 x 20 x 13.5	464 x 608 x 343 / 18.3 x 23.9 x 13.5	464 x 708 x 518 / 18.3 x 27.9 x 20.4
640 x 920 x 738 / 25.2 x 36.2 x 29.1	530 x 720 x 565 / 20.9 x 28.3 x 22.2	640 x 820 x 565 / 25.2 x 32.3 x 22.2	640 x 920 x 738 / 25.2 x 36.2 x 29.1
2 / 19	2 / 13	2 / 16	2 / 19
25 / 55	25 / 55	25 / 55	25 / 55
208-240 / 60	120 / 60	208-240 / 60	208-240 / 60
3360 / 14	1440 / 12	3360 / 14	3360 / 14
69 / 152	44 / 97	55 / 121	69 / 152
50127763	50127764	50127765	50127766
50126667	50126665	50126666	50126667
50127743	50127741	50127742	50127743