

Thermo Scientific Heratherm Advanced Protocol Heating and Drying Ovens

Mechanical or gravity convection technology with excellent temperature values, providing flexibility, accuracy and dependability



- Unsurpassed temperature performance – the flexible tool in the lab to be used for multiple applications
- Choice of gravity convection for gentle drying and heating, or mechanical convection for faster drying and heating, and outstanding temperature uniformity
- Broad temperature range from 50-330°C
- Adjustable fan speed for application-related airflow in mechanical convection models (e.g., drying of powders)
- High speed for expedited drying and heating, quick recovery, and optimal temperature stability and uniformity
- Programmable controller for temperature ramps and dwells
- Up to 10 programs can be saved, each with 10 discrete steps
- Electronically controlled fan speed and damper position
- Programs can be repeated automatically
- Access port allows the introduction of sensors for independent data monitoring
- Microprocessor control with vacuum fluorescent display
- Simple calibration routine ensures temperature accuracy over time
- Boost function enables rapid heating up – no need to operate the oven 24/7

Ordering Alerts: Availability may vary by country

Warranty^Y: 2 years (parts and labor)

Certifications: CSAus (120V, 208-240V/60Hz models) and CE (230V, 50/60 Hz models)

Cat. No.	Model/ Interior	Chamber Volume	Footprint	Temp Uniformity/ Stability (@150°C)	Chamber Dimensions (D x W x H)	Exterior Dimensions* (D x W x H)	Shelves Supplied (Max)/ Max Load	Shipping weight	Electrical/ Plug Type
Gravity Convection									
51028115	OGH60/ coated	61L (2.15 cu. ft.)	0.3 sq. m (3.2 sq. ft.)	±2.5°C / ±0.3°C	389 x 328 x 480mm (15.3 x 12.9 x 18.9in.)	565 x 530 x 720mm (22.2 x 20.9 x 28.3in.)	2 (13)/25kg (55 lb.)	44kg (97 lb.)	120V; 60Hz; 1730w; 14.4A; US Nema 5-15
51028142	OGH60/ coated	61L (2.15 cu. ft.)	0.3 sq. m (3.2 sq. ft.)	±2.5°C / ±0.3°C	389 x 328 x 480mm (15.3 x 12.9 x 18.9in.)	565 x 530 x 720mm (22.2 x 20.9 x 28.3in.)	2 (13)/25kg (55 lb.)	44kg (97 lb.)	230V; 50/60Hz; 1800w; 7.9A; Country specific
51028709	OGH60 SS/ stainless steel	61L (2.15 cu. ft.)	0.3 sq. m (3.2 sq. ft.)	±2.5°C / ±0.3°C	389 x 328 x 480mm (15.3 x 12.9 x 18.9in.)	565 x 530 x 720mm (22.2 x 20.9 x 28.3in.)	2 (13)/25kg (55 lb.)	44kg (97 lb.)	230V; 50/60Hz; 1800w; 7.9A; Country specific
51028116	OGH100/ coated	99L (3.6 cu. ft.)	0.36 sq. m (3.9 sq. ft.)	±2.5°C / ±0.3°C	389 x 438 x 580mm (15.3 x 17.2 x 22.8in.)	565 x 640 x 820mm (22.2 x 25.2 x 32.3in.)	2 (16)/25kg (55 lb.)	55kg (121 lb.)	208-240V; 60Hz; 3360w; 14A; US Nema 6-20
51028143	OGH100/ coated	99L (3.6 cu. ft.)	0.36 sq. m (3.9 sq. ft.)	±3.0°C / ±0.3°C	389 x 438 x 580mm (15.3 x 17.2 x 22.8in.)	565 x 640 x 820mm (22.2 x 25.2 x 32.3in.)	2 (16)/25kg (55 lb.)	55kg (121 lb.)	230V; 50/60Hz; 3100w; 13.5A; Country specific
51028711	OGH100 SS/ stainless steel	99L (3.6 cu. ft.)	0.36 sq. m (3.9 sq. ft.)	±3.0°C / ±0.3°C	389 x 438 x 580mm (15.3 x 17.2 x 22.8in.)	565 x 640 x 820mm (22.2 x 25.2 x 32.3in.)	2 (16)/25kg (55 lb.)	55kg (121 lb.)	230V; 50/60Hz; 3100w; 13.5A; Country specific
51028144	OGH180/ coated	168L (6.05 cu. ft.)	0.47 sq. m (5.1 sq. ft.)	±2.5°C / ±0.3°C	564 x 438 x 680mm (17.2 x 17.2 x 26.8in.)	738 x 640 x 920mm (29.1 x 25.2 x 36.2 in.)	2 (19)/25kg (55 lb.)	69kg (152 lb.)	230V; 50/60Hz; 3100w; 13.5A; Country specific
51028117	OGH180/ coated	168L (6.05 cu. ft.)	0.47 sq. m (5.1 sq. ft.)	±2.9°C / ±0.3°C	564 x 438 x 680mm (17.2 x 17.2 x 26.8in.)	738 x 640 x 920mm (29.1 x 25.2 x 36.2 in.)	2 (19)/25kg (55 lb.)	69kg (152 lb.)	208-240V; 60Hz; 3360w; 14A US Nema 6-20
51028712	OGH180 SS/ stainless steel	168L (6.05 cu. ft.)	0.47 sq. m (5.1 sq. ft.)	±2.5°C / ±0.3°C	564 x 438 x 680mm (17.2 x 17.2 x 26.8in.)	738 x 640 x 920mm (29.1 x 25.2 x 36.2 in.)	2 (19)/25kg (55 lb.)	69kg (152 lb.)	230V; 50/60Hz; 3100w; 13.5A; Country specific
Mechanical Convection									
51028124	OMH60/ coated	62L (2.2 cu. ft.)	0.3 sq. m (3.2 sq. ft.)	±1.5°C / ±0.2°C	343 x 354 x 508mm (13.5 x 13.9 x 20.0in.)	565 x 530 x 720mm (22.2 x 20.9 x 28.3in.)	2 (13)/25kg (55 lb.)	44kg (97 lb.)	120V; 60Hz; 1440w; 12A; US Nema 5-15
51028151	OMH60/ coated	62L (2.2 cu. ft.)	0.3 sq. m (3.2 sq. ft.)	±1.8°C / ±0.2°C	343 x 354 x 508mm (13.5 x 13.9 x 20.0in.)	565 x 530 x 720mm (22.2 x 20.9 x 28.3in.)	2 (13)/25kg (55 lb.)	44kg (97 lb.)	230V; 50/60Hz; 1400w; 6.1A; Country specific
51028713	OMH60 SS/ stainless steel	62L (2.2 cu. ft.)	0.3 sq. m (3.2 sq. ft.)	±1.8°C / ±0.2°C	343 x 354 x 508mm (13.5 x 13.9 x 20.0in.)	565 x 530 x 720mm (22.2 x 20.9 x 28.3in.)	2 (13)/25kg (55 lb.)	44kg (97 lb.)	230V; 50/60Hz; 1400w; 6.1A; Country specific
51028125	OMH100/ coated	97L (3.5 cu. ft.)	0.36 sq. m (3.9 sq. ft.)	±1.3°C / ±0.2°C	343 x 464 x 608mm (13.5 x 18.3 x 23.9 in.)	565 x 640 x 820mm (22.2 x 25.2 x 32.3in.)	2 (16)/25kg (55 lb.)	55kg (121 lb.)	208-240V; 60Hz; 3360w; 14A; US Nema 6-20
51028152	OMH100/ coated	97L (3.5 cu. ft.)	0.36 sq. m (3.9 sq. ft.)	±1.3°C / ±0.2°C	343 x 464 x 608mm (13.5 x 18.3 x 23.9 in.)	565 x 640 x 820mm (22.2 x 25.2 x 32.3in.)	2 (16)/25kg (55 lb.)	55kg (121 lb.)	230V; 50/60Hz; 3060w; 13.3A; Country specific
51028715	OMH100 SS/ stainless steel	97L (3.5 cu. ft.)	0.36 sq. m (3.9 sq. ft.)	±1.3°C / ±0.2°C	343 x 464 x 608mm (13.5 x 18.3 x 23.9 in.)	565 x 640 x 820mm (22.2 x 25.2 x 32.3in.)	2 (16)/25kg (55 lb.)	55kg (121 lb.)	230V; 50/60Hz; 3060w; 13.3A; Country specific
51028126	OMH180/ coated	170L (6.1 cu. ft.)	0.47 sq. m (5.1 sq. ft.)	±1.5°C / ±0.2°C	518 x 464 x 708mm (18.3 x 18.3 x 27.9in.)	738 x 640 x 920mm (29.1 x 25.2 x 36.2 in.)	2 (19)/25kg (55 lb.)	69kg (152 lb.)	208-240V; 60Hz; 3360w; 14A; US Nema 6-20
51028153	OMH180/ coated	170L (6.1 cu. ft.)	0.47 sq. m (5.1 sq. ft.)	±1.8°C / ±0.2°C	518 x 464 x 708mm (18.3 x 18.3 x 27.9in.)	738 x 640 x 920mm (29.1 x 25.2 x 36.2 in.)	2 (19)/25kg (55 lb.)	69kg (152 lb.)	230V; 50/60Hz; 3060w; 13.3Ac; Country specific
51028716	OMH180 SS/ stainless steel	179L (6.30 cu. ft.)	0.47 sq. m (5.1 sq. ft.)	±1.8°C / ±0.2°C	518 x 464 x 708mm (18.3 x 18.3 x 27.9in.)	738 x 640 x 920mm (29.1 x 25.2 x 36.2 in.)	2 (19)/25kg (55 lb.)	69kg (152 lb.)	230V; 50/60Hz; 3060w; 13.3A; Country specific

*Depth of handle / display not included in depth (65 mm / 2.6 in.); adjustable feet not included in height (35 mm / 1.4 in.) – required distance to rear wall: 80 mm / 3.1 in.
NOTE: All figures in tables are typical average values for series devices, based on factory standard following norm Din12880. Please contact us for certification information or IQ/OQ documents.