

Ovens

UN/UF Series 300°C

memmert

- ◆ Wide range of capacities up to 256 litres*
- ◆ Temperature range +20°C to +300°C
- ◆ Choice of natural (UN-series) or forced air, fan (UF-series) convection models
- ◆ With choice of SingleDISPLAY or TwinDISPLAY (plus-series) colour TFT, multi-touchscreen controlCOCKPIT controller
- ◆ Stainless steel interior and exterior sides (external rear panel-zinc coated steel)
- ◆ Heaters located in ribs on all four sides provide uniform heating
- ◆ Digital process timer, adjustable between 1 minute and 99 days, 23 hours
- ◆ 10 year datalogger
- ◆ SetpointWAIT function ensures that the process time is not initiated until the set temperature is reached at all measuring points
- ◆ Temperature accuracy: up to 99°C: ±0.1°C
from 100°C: ±0.5°C
- ◆ Supplied with 1 or 2 stainless steel wire grid shelves

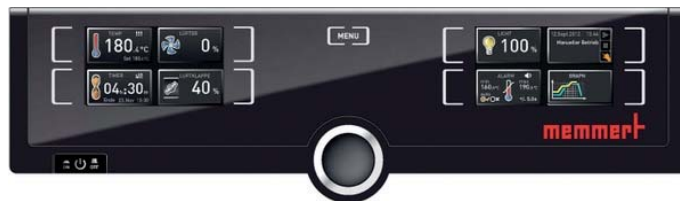
*Larger capacity models are available - details on request.

— SingleDISPLAY controlCOCKPIT

Display of temperature (°C or °F), fan speed (UF-models only) and programme time. Includes one Pt100 DIN Class A temperature sensor in a 4 wire circuit and ethernet interface. Dual overtemperature protection with freely adjustable monitoring of temperature and mechanical temperature limiter (TB Class 1) to DIN 12 880. With AtmoCONTROL logging software for online monitoring of up to 32 connected appliances, optical alarms when set alarm limits are exceeded and automatic alarm email notifications.

— TwinDISPLAY controlCOCKPIT

Display of temperature (°C or °F), fan speed (UF-models only) and programme time. Includes two Pt100 DIN Class A temperature sensors in a 4 wire circuit, ethernet and USB interfaces and heatBALANCE function for adjustment of heating power distribution of the upper and lower heating groups in an adjustment range between -50% and +50%. Multiple overtemperature protection monitoring TWW/TWB (protection Class 3.1/3.2, respectively) and mechanical temperature limiter (TB Class 1) to DIN 12 880, with settings for individual maximum/minimum values for over/undertemperature alarms. Also includes AUTOSAFETY function which allows automatic adjustment to the set value within a freely adjustable tolerance range. With AtmoCONTROL logging software as SingleDISPLAY controller, but additionally includes display of the programme sequence created by the user, repeat functions which can be inserted anywhere within the control sequence and creation of repeating weekly programmes which can be transferred via ethernet or USB interfaces provided.



UN/UF Series Ovens, 300°C, Memmert

Model	Natural convection	UN30	UN55	UN75	UN110	UN160	UN260
	Forced convection	UF30	UF55	UF75	UF110	UF160	UF260
	Natural convection	UN30plus	UN55plus	UN75plus	UN110plus	UN160plus	UN260plus
	Forced convection	UF30plus	UF55plus	UF75plus	UF110plus	UF160plus	UF260plus
Volume	litres	32	53	74	108	161	256
Internal (external)	H	mm	320 (707)	400 (787)	560 (947)	480 (867)	720 (1107)
	W	mm	400 (585)	400 (585)	400 (585)	560 (745)	560 (745)
	D	mm	250 (434)	330 (514)	330 (514)	400 (584)	400 (584)
Shelves supplied		1	1	2	2	2	2
Max. no. of shelves held		3	4	6	5	8	9
Max. loading per shelf grid	kg	30 — all models					
Max. loading of chamber	kg	60	80	120	175	210	300
Power loading	kW	1.6	2.0	2.5	2.8	3.2	3.4
Power supply		230V 50/60Hz single phase — all models					
Net Weight	kg	44	55	64	72	80	96

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Ovens

UN/UF Series 300°C continued

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As described. With choice of SingleDISPLAY or TwinDISPLAY controller, integral process timer adjustable from 1 minute to 99 days, 23 hours, dual or multiple overload protection (plus-models only), temperature and time TFT display, chamber ventilation slide adjustment and stainless steel grid shelves. For 230V 50/60Hz single phase supplies.

UN Natural convection, SingleDISPLAY Controller Models

OV204-60 UN30, 32 litres
OV204-65 UN55, 53 litres
OV204-70 UN75, 74 litres

OV204-75 UN110, 108 litres
OV204-80 UN160, 161 litres
OV204-85 UN260, 256 litres

UF Forced Air convection, SingleDISPLAY Controller Models

OV234-60 UF30, 32 litres
OV234-65 UF55, 53 litres
OV234-70 UF75, 74 litres

OV234-75 UF110, 108 litres
OV234-80 UF160, 161 litres
OV234-85 UF260, 256 litres

UNplus Natural convection, TwinDISPLAY Controller Models

OV265-60 UN30plus, 32 litres
OV265-65 UN55plus, 53 litres
OV265-70 UN75plus, 74 litres

OV265-75 UN110plus, 108 litres
OV265-80 UN160plus, 161 litres
OV265-85 UN260plus, 256 litres

UFplus Forced Air convection, TwinDISPLAY Controller Models

OV270-60 UF30plus, 32 litres
OV270-65 UF55plus, 53 litres
OV270-70 UF75plus, 74 litres

OV270-75 UF110plus, 108 litres
OV270-80 UF160plus, 161 litres
OV270-85 UF260plus, 256 litres

Accessory Shelves

Stainless steel wire grid.

IN473-04 For 32 litre oven
IN473-06 For 53 and 74 litre ovens
IN473-08 For 108 and 161 litre ovens
IN473-10 For 256 litre oven

Note:

Factory-fitted options such as glass-panelled doors and interior lighting are available to special order - *please contact us for details.*



OV270-75