

Universal Oven, Memmert



memmert

The ovens with the unique **ControlCOCKPIT** for quick and intuitive operation. For a wide portfolio of applications, ideally in temperature ranges above +50°C.

Medical device certification:

Memmert universal ovens Um are class I. Until the entry into force of Regulation (EU) 2017/745 (MDR), Memmert Class I medical devices will be placed on the market in accordance with EU Directive 93/42 / EEC. After the regulation comes into force, Memmert will market Class I medical devices in accordance with MDR. In accordance with their intended use, Memmert universal ovens Um may be used for heating and keeping warm fango, silicate and APS packs for physical therapy. All product information below also applies to the medical devices Um.

UN and UF ovens

N = Natural convection F = Forced air circulation

2 model variants: SingleDISPLAY and TwinDISPLAY (a detailed description of the two variants can be found on page XXX)

Technical data:

Work temperature range: at least 5°C (UN), at least 10°C (UF) above room temperature up to +300°C
 Set temperature range: +20°C up to +300°C
 Setting accuracy: up to 99.9°C: 0.1°C / from 100°C: 0.5°C
 Electrical supply: 230 V up to model size 260, from model size 450 three-phase current 400 V 3 ph N (CEE plug, 16-A version) (other voltages to special order)

Available models and sizes with fully insulated stainless steel door:

Series UN / UNm^{1) 2)}

With natural convection and microprocessor PID control.

Type	Outer W x H x D mm	Inner W x H x D mm	Vol. approx. l	Wght approx. kg	P rating approx. W	Order No.
UN30	585x704x434	400x320x250	32	45	1600	10 26 03030
UN30m	585x704x434	400x320x250	32	45	1600	10 26 03031
UN55	585x784x514	400x400x330	53	57	2000	10 26 03055
UN55m	585x784x514	400x400x330	53	57	2000	10 26 03056
UN75	585x944x514	400x560x330	74	66	2500	10 26 03075
UN75m	585x944x514	400x560x330	74	66	2500	10 26 03076
UN110	745x864x584	560x480x400	108	74	2800	10 26 03110
UN110m	745x864x584	560x480x400	108	74	2800	10 26 03111
UN160	745x1104x584	560x720x400	161	96	3200	10 26 03160
UN160m	745x1104x584	560x720x400	161	96	3200	10 26 03161
UN260	824x1183x684	640x800x500	256	110	3400	10 26 03260
UN260m	824x1183x684	640x800x500	256	110	3400	10 26 03261
① UN450	1224x1247x784	1040x720x600	449	161	5800 ³⁾	10 26 03450
UN450m	1224x1247x784	1040x720x600	449	161	5800 ³⁾	10 26 03461
UN750	1224x1720x784	1040x1200x600	749	217	7000 ³⁾	10 26 03750
UN750m	1224x1720x784	1040x1200x600	749	217	7000 ³⁾	10 26 03751

Series UF / Ufm^{1) 2)}

With enforced air circulation and microprocessor PID control.

Type	Outer W x H x D mm	Inner W x H x D mm	Vol. approx. l	Wght approx. kg	P rating approx. W	Order No.
UF30	585x704x434	400x320x250	32	45	1600	10 26 05030
UF30m	585x704x434	400x320x250	32	45	1600	10 26 05031
UF55	585x784x514	400x400x330	53	57	2000	10 26 05055
UF55m	585x784x514	400x400x330	53	57	2000	10 26 05056
UF75	585x944x514	400x560x330	74	66	2500	10 26 05075
UF75m	585x944x514	400x560x330	74	66	2500	10 26 05076
UF110	745x864x584	560x480x400	108	74	2800	10 26 05110
UF110m	745x864x584	560x480x400	108	74	2800	10 26 05111
UF160	745x1104x584	560x720x400	161	96	3200	10 26 05160
UF160m	745x1104x584	560x720x400	161	96	3200	10 26 05161
UF260	824x1183x684	640x800x500	256	110	3400	10 26 05260
UF260m	824x1183x684	640x800x500	256	110	3400	10 26 05261
UF450	1224x1247x784	1040x720x600	449	161	5800 ³⁾	10 26 05450
UF450m	1224x1247x784	1040x720x600	449	161	5800 ³⁾	10 26 05451
② UF750	1224x1720x784	1040x1200x600	749	217	7000 ³⁾	10 26 05750
UF750m	1224x1720x784	1040x1200x600	749	217	7000 ³⁾	10 26 05751
UF1060	1224x1720x1035	1040x1200x850	1060	252	7000 ³⁾	10 26 06161



Series UNplus / UNmplus^{1) 2)}

With natural convection and microprocessor PID control.

Type	Outer W x H x D mm	Inner W x H x D mm	Vol. approx. l	Wght approx. kg	P rating approx. W	Order No.
UN30plus	585x704x434	400x320x250	32	45	1600	10 26 08030
UN30mplus	585x704x434	400x320x250	32	45	1600	10 26 08031
UN55plus	585x784x514	400x400x330	53	57	2000	10 26 08055
UN55mplus	585x784x514	400x400x330	53	57	2000	10 26 08056
UN75plus	585x944x514	400x560x330	74	66	2500	10 26 08075
UN75mplus	585x944x514	400x560x330	74	66	2500	10 26 08076
UN110plus	745x864x584	560x480x400	108	74	2800	10 26 08110
UN110mplus	745x864x584	560x480x400	108	74	2800	10 26 08111
③ UN160plus	745x1104x584	560x720x400	161	96	3200	10 26 08160
UN160mplus	745x1104x584	560x720x400	161	96	3200	10 26 08161
UN260plus	824x1183x684	640x800x500	256	110	3400	10 26 08260
UN260mplus	824x1183x684	640x800x500	256	110	3400	10 26 08261
UN450plus	1224x1247x784	1040x720x600	449	161	5800 ³⁾	10 26 08450
UN450mplus	1224x1247x784	1040x720x600	449	161	5800 ³⁾	10 26 08451
UN750plus	1224x1720x784	1040x1200x600	749	217	7000 ³⁾	10 26 08750
UN750mplus	1224x1720x784	1040x1200x600	749	217	7000 ³⁾	10 26 08751

**Series UFplus / UFmplus^{1) 2)}**

With enforced air circulation and microprocessor PID control.

Type	Outer W x H x D mm	Inner W x H x D mm	Vol. approx. l	Wght approx. kg	P rating approx. W	Order No.
UF30plus	585x704x434	400x320x250	32	45	1600	10 26 06030
UF30mplus	585x704x434	400x320x250	32	45	1600	10 26 06031
UF55plus	585x784x514	400x400x330	53	57	2000	10 26 06055
UF55mplus	585x784x514	400x400x330	53	57	2000	10 26 06056
UF75plus	585x944x514	400x560x330	74	66	2500	10 26 06075
UF75mplus	585x944x514	400x560x330	74	66	2500	10 26 06076
④ UF110plus	745x864x584	560x480x400	108	74	2800	10 26 06110
UF110mplus	745x864x584	560x480x400	108	74	2800	10 26 06111
UF160plus	745x1104x584	560x720x400	161	96	3200	10 26 06160
UF160mplus	745x1104x584	560x720x400	161	96	3200	10 26 06163
UF260plus	824x1183x684	640x800x500	256	110	3400	10 26 06260
UF260mplus	824x1183x684	640x800x500	256	110	3400	10 26 06261
UF450plus	1224x1247x784	1040x720x600	449	161	5800 ³⁾	10 26 06450
UF450mplus	1224x1247x784	1040x720x600	449	161	5800 ³⁾	10 26 06451
UF750plus	1224x1720x784	1040x1200x600	749	217	7000 ³⁾	10 26 06750
UF750mplus	1224x1720x784	1040x1200x600	749	217	7000 ³⁾	10 26 06751
UF1060plus	1224x1720x1035	1040x1200x850	1060	252	7000 ³⁾	10 26 06162

¹⁾ External dimensions: Depth without door handle, depth of door handle 56 mm²⁾ Inner dimensions (depth): On models with enforced air circulation the depth is reduced by 39 mm for the fan.³⁾ With 400 V and 3 x 230 V o.N., 50/60 Hz.

All universal ovens comply with the strict requirements of DIN 12880:2007-05

Accessories for models UN / UNm / UF / UFm / UNplus / UNmplus / UFplus / UFmplus**Stainless steel grid** (standard version: size 30, 55 and 1060: 1 piece, size 75 to 750: 2 pieces)

for type	Qty max.	Order No.	for type	Qty max.	Order No.
30	3	10 26 01551	260	9	10 26 01556
55/75	4/6	10 26 01552	450/750	8/14	10 26 01557
110/160	5/8	10 26 05008	1060	14	10 26 01559

Stainless steel shelves, perforated

for type	Qty max.	Order No.	for type	Qty max.	Order No.
30	3	10 26 01561	260	9	10 26 01566
55/75	4/6	10 26 01562	450/750	8/14	10 26 01567
110/160	5/8	10 26 04031	1060	14	10 26 01569

Stainless steel slide-in drip tray, non-perforated, 15 mm rim

(may impair the spatial distribution of the temperature)

for type	Qty max.	Order No.	for type	Qty max.	Order No.
30	3	10 26 01571	260	9	10 26 01576
55/75	4/6	10 26 01572	450/750	8/14	10 26 01577
110/160	5/8	10 26 01574	1060	14	10 26 01579

An extensive selection of accessories and options is available on request.

We reserve the right to make changes in technical specifications. Dimensions subject to confirmation.

All performance data are typical mean values for serial devices.

