

Heating and drying ovens / UNIVERSAL OVENS U / models UN, UNplus, UF, UFplus

Options	Order No.	30	55	75	110	160	260	450	750	1060
Voltage 115 V, 50/60 Hz	X2				●					-
Extended overtemperature protection by additionally integrated Pt100 sensor for independent temperature monitoring for models with SingleDISPLAY	A6					●				
Temperature restriction; Temperatures: +60, +70, +80, +95, +100, +120, +160, +180, +200 or +250 °C (Please indicate upon ordering)	A8					●				
Full-sight glass door (4-layer insulating glass) Temperature-range up to max. +250 °C (requires option A8 against surcharge)	B0	●	●	●	●	●	●	●		●
Full-sight glass door (4-layer insulating glass borsilicat) Temperature-range up to max. +300 °C	B1	●	●	●	●	●	●	●		●
Chamber modification for the application of reinforced perforated stainless steel shelves or stainless steel grids (bearing rails mounted in the working chamber - standard with 1060) - includes replacement of standard grids by reinforced grids	K1				-			●	●	-
Interior lighting for observing the load	R0				●					●
Interior socket (can only be ordered with limited temperature range - max. +60 °C), ampacity 230V/ 2,2A/500W, can be switched off with the On/Off switch, cannot be switched individually, moisture tight IP68 (requires option A8 against surcharge) (max. one per appliance)	R3					●				
Interior nearly gastight - technical clarification required for combination with other options	K2		●			●	●	●	●	●
Interior nearly gastight with possibility for gas inlet/outlet through 2 tubes with ball valves - technical clarification required for combination with other options	K3		●			●	●	●	●	●
Entry port with 23 mm clear diameter, can be closed, standard position	left centre/centre									
	left centre/top					●				
	right centre/centre					●				
	right centre/top					●				
Entry port with 23 mm clear diameter, can be closed, individual position (please state position)	left					●				
	right					●				
	rear					●				
Entry port, 14 mm clear diameter, can be closed by flap, in special positions in the back wall (please state location)	D6					●				
Entry port, 38 mm clear diameter, can be closed by flap, in special positions in the back wall (please state location)	F7					●				
Entry port with 57 mm clear diameter, can be closed by flap, individual positions in the back wall (please state position, not possible for devices with forced air circulation of sizes 30-75)	F8					●				
Entry port with 100 mm clear diameter, can be closed by flap, individual positions in the back wall (please state position, not possible for devices with forced air circulation of size 75)	F9						●			
4 - 20 mA current loop interface (0 to +310 °C = 4 - 20 mA)	Temperature controller, actual value							●		
	Temperature of a Pt100 sensor positioned flexibly in chamber for external temperature monitoring (max. 1 SingleDISPLAY, max. 3 TwinDISPLAY) - price per sensor	V6							●	
Fan speed monitoring with switching off the heating and with alarm in case of failure (for UFplus)	V4							●		
Door with lock and key (safety lock)	B6							●		
Door hinged on the left	B8				●					-
Potential-free contact for combination error message (e.g. supply failure, sensor fault, fuse)	H6							●		
Potential-free contact (24 V/2 A) with socket, for signal generation, controlled by programme segment, for free-selectable functions to be activated (e.g. activation of audible and visual signals, exhaust motors, fans, stirrers, etc.). Only for units with TwinDISPLAY	H72							●		
Process-dependent programmable door lock (only for units with TwinDISPLAY)	D4							●		
Door-open-recognition (only for units with TwinDISPLAY)	V5							●		

Standard equipment included in the standard scope of delivery. Prices for options are only valid when ordering new appliances. Not all options/accessories are combinable with each other. Please contact us for individual combination requests.

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Flexible Pt100 temperature sensor, positioned flexibly in chamber or load, for local temperature measurement (up to 1 additional sensor is possible). The measured temperature will be indicated on the display, recorded in the integral data store, and can be documented via the AtmoCONTROL software	H8					●				
MobileALERT, notification by SMS in case of any error or alarm of the device (requires option H6)	C3					●				
Castor frame (2-part), height 140 mm	R9	●	●			●	●			
Fresh-air filter (filtration efficiency 80 %) mounted at the device bottom (for devices with forced air circulation, sizes 30 - 260 require castor frame R9 or subframe)	R8				●				●	

Accessories	30	55	75	110	160	260	450	750	1060
Stainless steel grid, electropolished	E28884	E20164		E20165		E28891	E20182		B41251
Reinforced stainless steel grid, electropolished, max. loading 60 kg; from size 450 with guide bars and fixing screws (requires option K1). Please consider max. loading of chamber				E29767		E29766	B32190		B32550
Perforated stainless steel shelf	B29727	B03916		B00325		B29725	B00328		-
Reinforced stainless steel shelf, max. loading 60 kg; with guide bars and fixing screws (requires option K1). Please consider max. loading of chamber							B32191		B32549
Stainless steel slide-in drip tray, 15 mm rim, with guide bars and fixing screws (may affect the temperature distribution, requires option K1)							B32763		-
Stainless steel slide-in drip tray, 15 mm rim (may affect the temperature distribution, not in connection with option K1 for sizes 450/750)	E02070	E02072		E02073		E29726	E02075		B32599
Stainless steel bottom drip tray, 15 mm rim (may affect the temperature distribution, requires option K1)							B34055		-
Stainless steel bottom drip tray, 15 mm rim (may affect the temperature distribution, not in connection with option K1 for sizes 450/750)	B04356	B04358		B04359		B29722	B04362		B29769
Plug-in tube extension (outer diam. 60.3 mm, inner 57 mm), straight, for exhaust air ducting (if necessary for connection by hose)						B29718			
Plug-in tube extension (outer diam. 60.3 mm, inner 57 mm), angled, for exhaust air ducting (if necessary for connection by hose)						B29719			
Wall bracket for wall mounting	B29755	B29756	B29757	B29758	B29759				
Flush-fit unit (stainless steel frame covering gap between oven and wall opening), with air slots	B29728	B29730	B29732	B29734	B29736	B29738	B29740		B29742
Flush-fit unit (stainless steel frame covering gap between oven and wall opening), without air slots	B29729	B29731	B29733	B29735	B29737	B29739	B29741		B29743
Stacking set (4 pcs) for stacking of appliances of same size		B29744							
Set of height adjustable feet (4 pcs)		B29768							
Subframe, adjustable in height (size 30 to 75: height 600 mm, from size 110: height 500 mm)	B29745	B29747		B29749		B29751	B29753		
Subframe, on castors (size 30 to 75: height 660 mm, size 110 to 160: height 560 mm)	B29746	B29748		B29750					
Subframe, adjustable in height, height 130 mm	B33657	B33659		B33661		B33664			

Accessories Software and Connectivity	30	55	75	110	160	260	450	750	1060
Software conforming to FDA AtmoCONTROL. Meets the requirements for the use of electronically stored data sets and electronic signatures as laid down in Regulation 21 CFR Part 11 of the US Food and Drug Administration (FDA). Base licence for the control of one unit (only for units with TwinDISPLAY). Respective IQ/OQ documents available in German and English language (without surcharge)						FDAQ1			
Integration of one additional unit (up to max. 31 units) into an already existent FDA-software licence (only for units with TwinDISPLAY)						FDAQ2			
USB User-ID stick (with User-ID licence): Oven-linked authorisation licence (User-ID-programme) on Memory-stick, prevents undesired manipulation by unauthorised third parties. When reordering please specify serial number (only for units with TwinDISPLAY)						B33170			

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Accessories Software and Connectivity	30	55	75	110	160	260	450	750	1060
USB stick with documentation software AtmoCONTROL and operation manual for products with SingleDISPLAY (the standard equipment of appliances with TwinDISPLAY includes one USB stick with AtmoCONTROL). When reordering please specify serial number					B33172				
Ethernet connection cable 5 m for computer interface					E06189				
USB-Ethernet adapter					E06192				