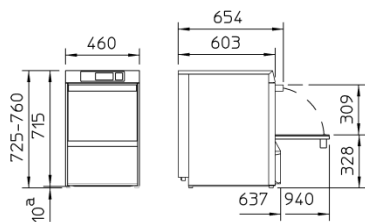


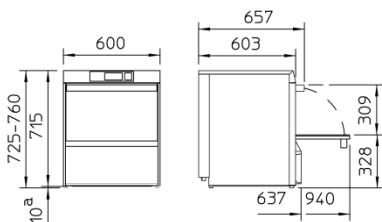
Connection diagram UC Series

Dimensions

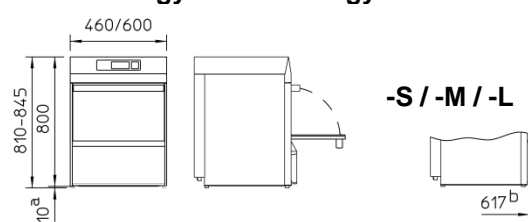
UC-S



UC-M

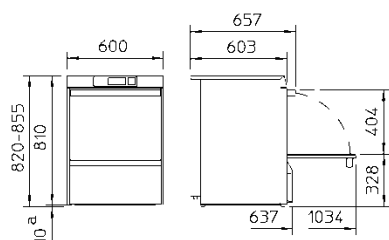


UC-S Energy / UC-M Energy

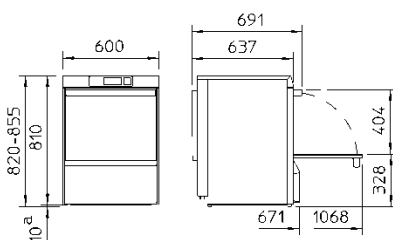


-S / -M / -L

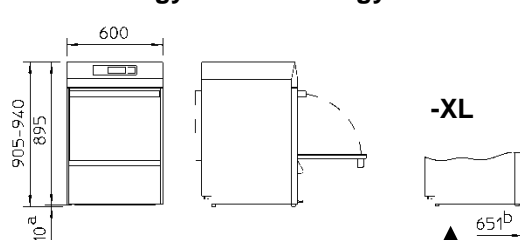
UC-L



UC-XL



UC-L Energy / UC-XL Energy

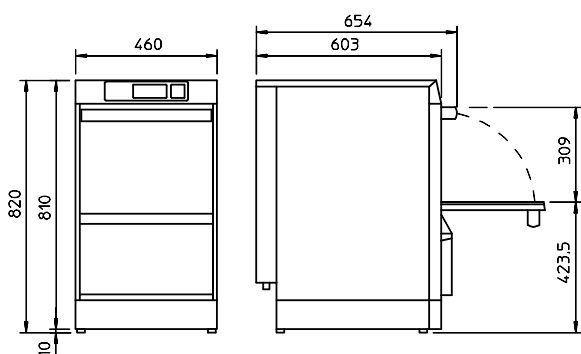


-XL

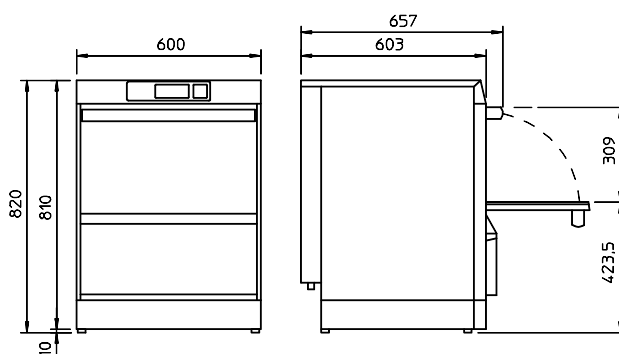
^a By removing the feet, the machine height is reduced by 10 mm.
Niche dimension for the installation of the machine into a counter see page 6.

^b Without included containers for detergent and rinse aid, the depth in all machines is reduced by 20 mm.

UC Excellence-i / UC Excellence-iPlus



UC-S Excellence-i
UC-S Excellence-iPlus



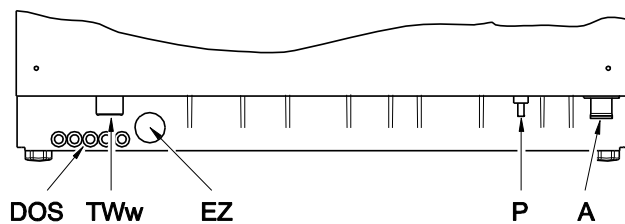
UC-M Excellence-i
UC-M Excellence-iPlus

Position of the connections (rear view)

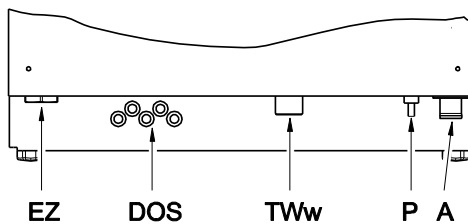
UC-M, UC-M Energy

UC-L, UC-L Energy

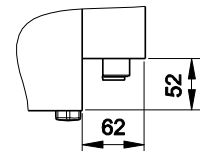
UC-XL, UC-XL Energy



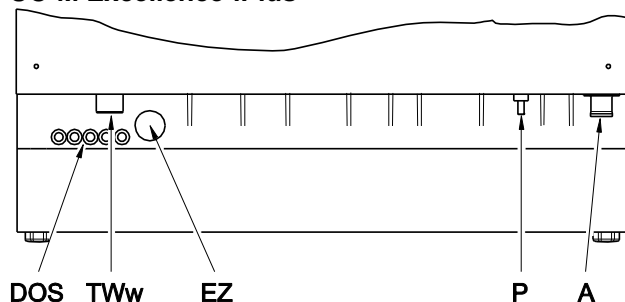
UC-S, UC-S Energy



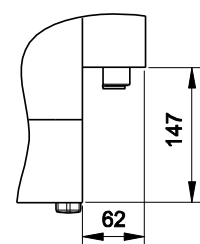
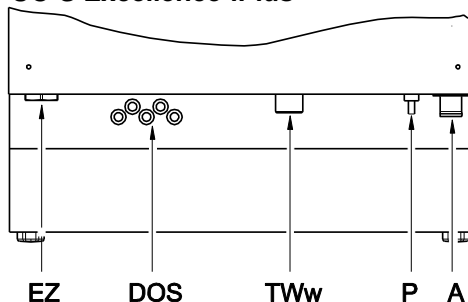
Side view



UC-M Excellence-i
UC-M Excellence-iPlus



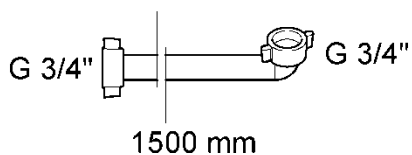
UC-S Excellence-i
UC-S Excellence-iPlus



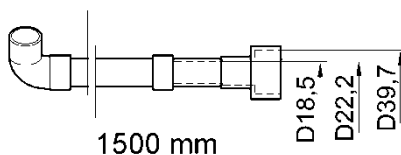
DOS	Port for hoses (detergent / rinse aid) and cables
TWw	Fresh water connection (G 3/4", external thread)
EZ	Port for electrical connection cable
P	Connection for local equipotential bonding system (⚡)
A	Waste water connection; drain pump installed

Accessories

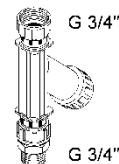
Flexible supply hose;
connect to point TWw



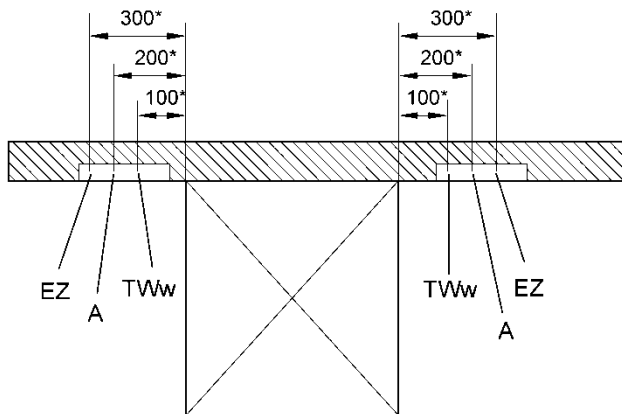
Flexible drain pipe;
connect to point A



Dirt trap;
install between water stop cock and
supply hose



Installation diagram



* Considering the local conditions, the exact dimensions must be determined.
The dimensions of the machine can be found on page 1.

Important!

Provide the local connections on the left or the right beside the machine.
Observe both the local and country-specific regulations when conducting electrical and hydraulic connection work.
Only when the local mains disconnecter is switched off, the machine is without power.
Involve the machine in equipotential bonding.

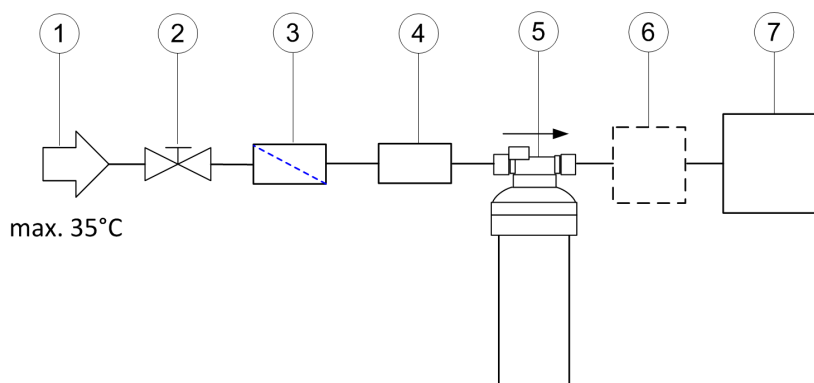
Supply hose

Old existing hoses may not be re-used.
The supply hose may not be shortened or damaged.

Electrical supply pipe (Type H07 RN-F)

A modification or a replacement may only be carried out by the producer, its service agent or another person that is similarly qualified.

Installation diagram



1	Water inlet (max. 35 °C)
2	On-site water stop cock (provided by the customer)
3	Dirt trap (included in scope of delivery of the warewasher)
4	Backflow preventer type EA (included in scope of delivery of the warewasher) For installations in Great Britain, a WRAS-approved backflow preventer of type ED must be installed
5	Active charcoal filter (included in scope of delivery of the warewasher)
6	Optional softener (increases the performance of the reverse osmosis module for machines without an integral softener)
7	UC Excellence-i / UC Excellence-iPlus

Fresh water connection (G 3/4", external thread)

Position	approx. 400 mm above finished floor next to the machine	
Water quality	the fresh water must be drinking quality from a microbiological point of view	
Water inlet temperature	Standard	max. 60 °C
	Energy	max. 20 °C
	Cool	max. 20 °C
	effect (glass washers)	max. 50 °C
	effect (dishwashers)	max. 60 °C
	UC Excellence-i / -iPlus	max. 35 °C
Water hardness	We recommend a maximum hardness of 3 °dH (3.8 °e / 5.34 °TH / 0.54 mmol/l), to prevent scaling in the machine.	
		Machines without integrated softener
		Machines with integrated softener
	Standard	≤ 3 °dH (3.8 °e / 5.34 °TH / 0.54 mmol/l)
	UC Excellence-i	≤ 35 °dH (43.9 °e; 62.3 °TH; 6.3 mmol/l)
Minimum flow pressure	UC Excellence-iPlus	—
		≤ 31 °dH (37.6 °e / 53.4 °TH / 5.35 mmol/l)
		—
Maximum input pressure	Standard	100 kPa (1.0 bar)
	Energy	150 kPa (1.5 bar)
	UC Excellence-i / -iPlus	140 kPa (1.4 bar)
Flow rate	600 kPa (6.0 bar)	
Flow rate	Standard	min. 4 l/min
	Energy	min. 3 l/min
	UC Excellence-i / -iPlus	min. 4 l/min

**UC Excellence-i / UC Excellence-iPlus
Threshold values for the mains water**

Electrical conductivity (at 25° C)	< 1200 µS/cm
Chlorine	< 0.2 mg/l
Silicates (as SiO ₂)	< 30 mg/l

Waste water connection

Position	max. 600 mm above finished floor next to the machine
Construction	with siphon

Electrical connection

Position	max. 300 mm above finished floor next to the machine
Construction	wall outlet for machines without plug power outlet for machines with plug mains disconnect with all-pole mains disconnection and at least 3 mm contact opening width Additional recommendation: class B all-current sensitive residual-current circuit breaker with a triggering current of 30 mA (DIN VDE 0664)
Fuse	depends on the total connection load of the machine
Electric supply pipe	3000 mm long (optional accessories) cross-section: 2.5 mm ² connection according to operating instructions if not connected

Total connected loads

Standard

Supply	Fuse	Total connected loads max.	Total connected loads Version Cool (max.)
380 V – 415 V / 3N~	10 A	6.0 kW	---
380 V – 415 V / 3N~	16 A	7.9 kW	6.1 kW
380 V – 415 V / 3N~ *)	15 A	7.7 kW	---
380 V – 415 V / 3N~ *)	20 A	9.7 kW	---
220 V – 230 V / 1N~	10 A	1.8 kW	---
220 V – 240 V / 1N~	13 A	2.6 kW	---
220 V – 240 V / 1N~	16 A	3.2 kW	3.4 kW
220 V – 240 V / 1N~	20 A	4.2 kW	4.2 kW
220 V – 240 V / 1N~ *)	15 A	2.9 kW	---
220 V – 240 V / 1N~ *)	20 A	4.1 kW	---
200 V / 3~	25 A	6.9 kW	---
200 V / 2~	20 A	3.3 kW	---
230 V / 3~	25 A	7.3 kW	---
230 V / 2~	16 A	3.0 kW	---
400 V / 3(N)~ (Trafo)	20 A	8.2 kW	---
440 V / 3(N)~ (Trafo)	20 A	9.8 kW	---

*) Australia

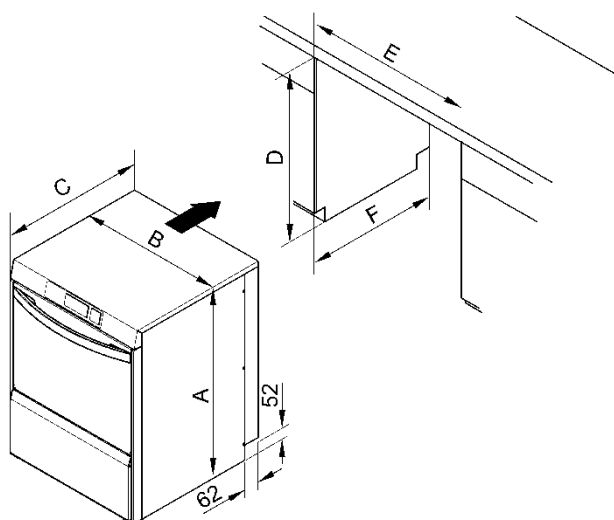
UC Excellence-i / UC Excellence-iPlus

Supply	Fuse	Total connected loads max.
380 V – 415 V / 3N~	10 A	6.2 kW
380 V – 415 V / 3N~	16 A	8.1 kW
220 V – 230 V / 1N~	10 A	2.0 kW
220 V – 240 V / 1N~	16 A	3.4 kW
200 V / 3~	25 A	7.1 kW
200 V / 2~	20 A	3.5 kW

Niche dimensions

If the machine is to be installed into a counter, the following niche dimensions must be adhered to. Fastening the machine inside the counter is not necessary.

In the vicinity of the machine, use furniture that is appropriate for commercial areas in order to prevent a damage to the machine due to steam.



We recommend the assembly on 3 adjustable feet so that the installed machine can be easily adjusted in the height.



Remove the two rear adjustable feet (1 / 2) before moving the machine into the niche.



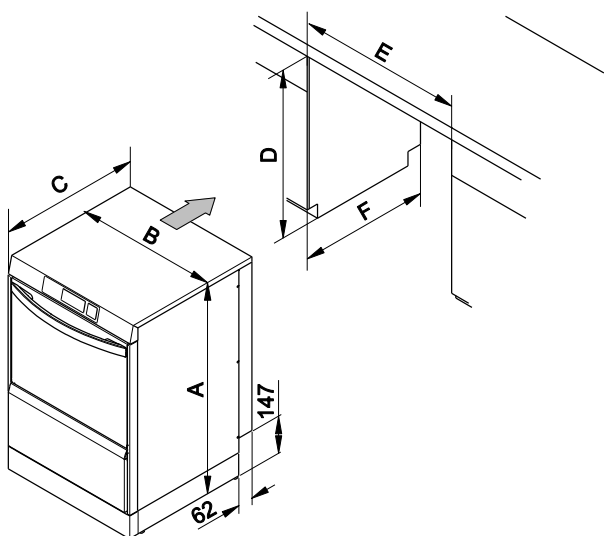
Install the adjustable foot (3) with the shorter thread (lies in the machine).

	UC-S	UC-M	UC-L	UC-XL	UC-S Energy	UC-M Energy	UC-L Energy	UC-XL Energy
A	725 ⁺³⁵	725 ⁺³⁵	820 ⁺³⁵	820 ⁺³⁵	810 ⁺³⁵	810 ⁺³⁵	905 ⁺³⁵	905 ⁺³⁵
B	460	600	600	600	460	600	600	600
C	603	603	603	637	603	603	603	637
D	730-750	730-750	825-845	825-845	815-835	815-835	910-930	910-930
E	470-480	610-620	610-620	610-620	470-480	610-620	610-620	610-620
F	605	605	605	640	605	605	605	640

Dimensions in mm

Further machine dimensions can be found on page 1

UC Excellence-i / UC Excellence-iPlus



	UC-S Excellence-i UC-S Excellence-iPlus		UC-M Excellence-i UC-M Excellence-iPlus
A	820 ⁺³⁵	A	820 ⁺³⁵
B	460	B	600
C	603	C	603
D	825-855	D	825-855
E	470-480	E	610-620
F	605	F	605

The machine can also be installed without feet. However, it can then no longer be adjusted. Height of the machine without feet: 810⁺⁵ mm

Dimensions in mm