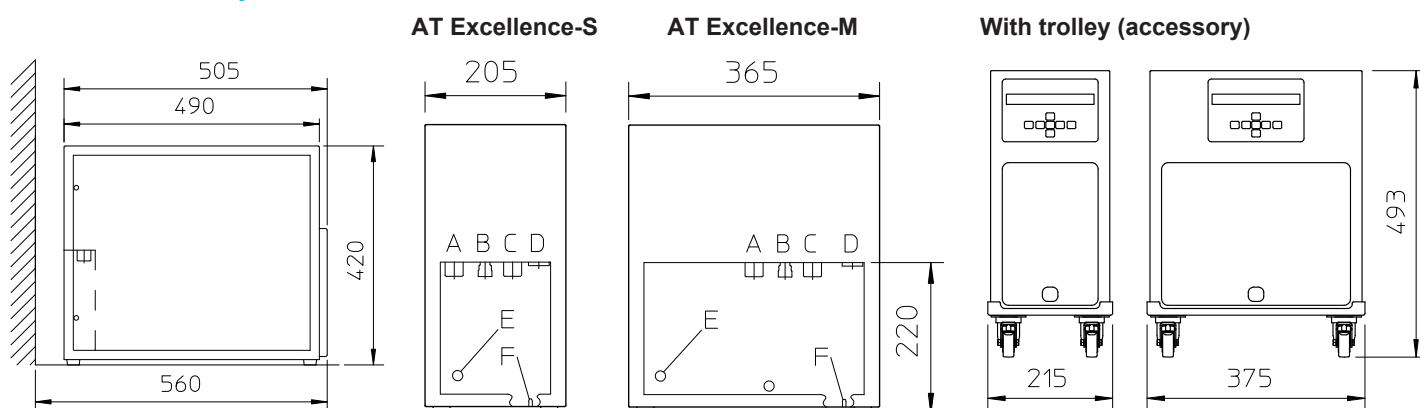


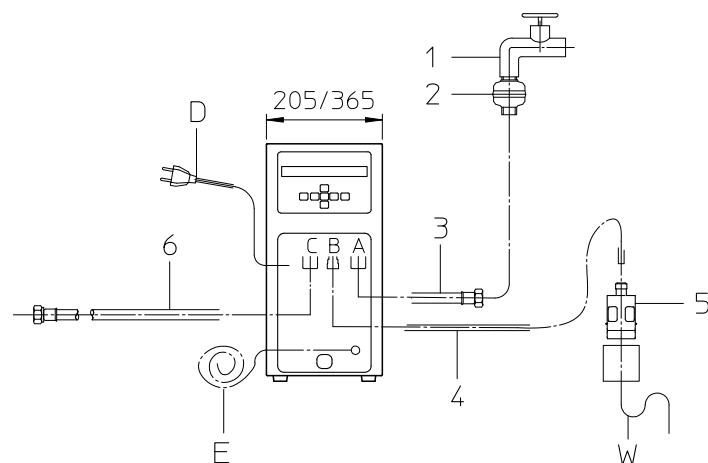
## Connection diagram AT Excellence

### Dimensions and position of the connections



Item	Name
A	Connection for supply hose, G 3/4" external thread
B	Connection for waste water hose, DN 10, max. delivery height from point B: 4.5 m
C	Connection for permeate hose (osmosis water to warewasher), G 3/4" external thread, max. delivery height from point C: 10 m
D	Mains connection
E	Warewasher interface (optional)
F	Connection for on-site equipotential bonding system

### Installation diagram



- Observe national installation and operation regulations.
- Allow for on site connections adjacent to the device.
- The system can also be assembled inversely.

**Note:** With Winterhalter warewashers, a dirt trap with an integrated EB-type backflow preventer for category 2 liquids is included in the scope of delivery.

Item	Name	Item	Name
1	On-site water stop cock	6	Hose from the warewasher, 2 x G 3/4" union nut (not included in scope of delivery)
2	Dirt trap and backflow preventer for category 2 liquids (not included in scope of delivery)	D	Mains cable H05RN-F, approx. 5 m
3	Supply hose in accordance with EN 13618 (included in scope of delivery), 2 x G 3/4" union nut	E	Data line, 2 x 0.34 mm <sup>2</sup> x 6500 mm
4	Waste water hose, DN10 x 1.5 x 1500 mm	W	On-site water drain, DN 50
5	Breather, DN50		

### Requirements for raw water

- The quality of the raw water must conform to the requirements stipulated by your water authority.
- The following limit values must be complied with:

Name	Unit	AT Excellence-S	AT Excellence-M
Inlet water temperature	°C	max. 35	
Flow rate	l/h	min. 360	min. 720
Minimum flow pressure	kPa (bar)	120 (1.2)	150 (1.5)
Inlet pressure	kPa (bar)	max. 1000 (10.0)	
Total hardness (GH)	°dH	max. 35	
Electrical conductivity (at 25° C)	µS/cm	<1200	
Chlorine	mg/l	<0.2	
Silicate (as SiO <sub>2</sub> )	mg/l	<30	

### Total connected loads

Name	Unit	AT Excellence-S	AT Excellence-M
Voltage	V	200-240	
Current consumption at 50 Hz	A	1.4-2.0	2.9-4.0
Current consumption at 60 Hz	A	1.4-1.5	2.7-3.0
Power at 50 Hz	W	230-310	450-670
Power at 60 Hz	W	250-320	500-650
Fuse, electronic operating panel	A	6.3	