

## technical specifications

Our switch cabinet is electrical secured on site according to lokal directions. Washtec recommends also to use RCD Typ A (Fi-securityswitch puls — current sensitiv) on TN-C-S mains.

output (power) with build Zertif. without build Zertif.	max. 3m³/h max. 4m³/h
measurements (Lxwxh), maximal	1900x680x2010mm
required space (Lxwxh) without reclaimed pump	2000x1200x25000mm
Weight	180kg+375kg extra item (incl. filter stuffing)
E-connection / protation class	1x 230V, 16A (bei Kelleraufstellung 400V für Hebepumpe)
E-connection	2,0kW
air-pressure connection	6–8bar, dried and oiled, installation pipe with shut-off valve and 1/2" inside thread ending, to be achieved like an pipe to the storage tank. air pressure 24 h/day available. (air quantity approx. 12l/hour)
control system	SPS
pressure increase pump	max. 3 pumps, achievment control system from the wash bay
storage tank	approx. 380l useful volume
fresh water connection	max. 4bar yield pressure (max. 4bar static pressure) by 1", look up with ball valve, with 1" inside thread ending
gravel filling (each filter)	quarz gravel 1–2mm 50kg (2 x 25kg sack) quarz gravel 0,4–0,8mm 200kg (7,5 x 25kg sack)

Services to be provided by site respectively by customer:

- technic room frost-free
- ground pipes/ embedded pipes frost-free
- pipes from pumps to machine
- pipe HDPE-pipe (PN6) from storage tank to Aquapur²
- ground pipe overflow to sewerage
- ground pipe circulation pipe
- ground pipe to u/c-wash
- option: cable pipe with pulling wire – preparation for sludge monitoring
- cable pipe with pulling wire
- electrical connections: 230V/50Hz/16Aca 2,0kW/24h 3m free cable 3x2,5mm² flex
- fresh water connection 1" max. 4 bar
- air connection 1/2" 6–8 bar

All ground pipes to relocate waterproof!

Attention! In the separator system ( tanks system) of Aquapur² without qualification approval, may not exceed a rain flow area of 30 m².

Attention! In the separator system ( tanks system) of Aquapur² with qualification approval, may (without overflow and Annex. 49) a rain flow area max. of 22,5 m². On account of rain water entry must be executed an overflow in the storage tanks.

Attention! Max. allowed surface for discharge of wastewater of pre-wash area ist 30–40 m². Supply line from other areas (service station, workshp, washing motor) is not allowed!

(attention: Without overflow in the storage tank, it isn't possible to wash only with fresh water!)

blue = scope of delivery of WashTec  
gray = scope of delivery of WashTec (as an option)  
red = to be delivered by site or by the customer  
green = to be delivered by site or by the customer

For seal empty pipes from equipment room to the basin, you can use Doyma-Seal. This can be introduced by customer, as well as a spare part by WashTec service

Please note! All underground lines to be laid down as required by the local authorities.

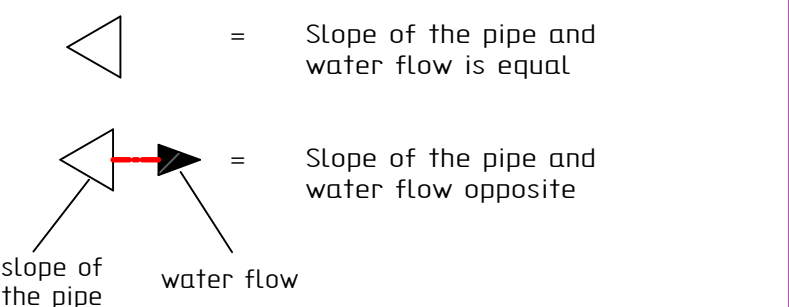
Keep connecting pipes between equipment room and storage tank as short as possible!

NB! Grounded pipes are only shown schematically! Keep connecting pipes between equipment room and storage tank as short as possible! All underground lines to be laid down as required by the local authorities.

All necessary ground pipes for WashTec have to be water proofed and with max. 30° curve

All ground pipes with 1 – 2‰ slope

Additional for standing in the cellar: circulation / waste-water-Lift-system 10m³/h with alarm of overflow, separat fuse. Order with option "standing in the cellar" with potential-free kontakt.



NB! DIN A4–pressure is NOT scaled! Original plan is DIN A1!

Evidence: measurements in cm!



# Aquapur²

HINWEIS ! Diese Zeichnung dient lediglich zur Planungsunterstützung. Ausschlaggebend für die Bauausführung ist die entsprechende Bauzeichnung der ört. Bauleitung!		PROJEKT: Standardzeichnungen Wasseraufbereitung	
WashTec Cleaning Technology GmbH Aggenstraße 17, D-86155 Augsburg Tel.+49-108215584-0 Fax.+49-108215584-1410		BENENNUNG: reclaimed water recycling system Aquapur² (opt. with build Zertif.)	
AUFTRAGS-NR.		ZEICHNUNG NR.: AP-202GB	
MASSSTAB: 1:25		PROJEKT NR.: PWR	
BEZUG: HBray		FREIEN-NACH: WSpiegel	
ERST. AM: 14.10.15		FREIEN-DATUM: 10.11.17	
PROJEKT-ID: 1024164		Blatt Nr.: 1	
Zust.		2156713	
Änderung		Datum	
Name		Blatt Nr.: 1	
Projekt-Id		Blatt Nr.: 1	