

Programme overview

Hygiene

PW 6163
PW 6243
PW 6323

Programme chart

Programme	Programme sequence	Fabric type	Load ratio/ Load capacity
Thermal disinfection 🔒	Pre-wash 40°C + U Disinfection 90°C Holding time 10 minutes 2 Rinses Final spin	Cotton and linen textiles e.g. bed linen, towelling	1:10 PW 6163 16 kg PW 6243 24 kg PW 6323 32 kg
Thermal disinfection RKI 🔒	Disinfection 90°C Holding time 10 minutes 2 Rinses Final spin		
Chemo-thermal disin. 🔒*	Pre-wash 40°C + U Main wash 60°C Holding time 20 minutes 2 Rinses Final spin		
Chemo-thermal disin. RKI 🔒*	Main wash 60°C Holding time 20 minutes 2 Rinses Final spin		
Incontinence + 🔒	1st Pre-rinse + U 2nd Pre-rinse Pre-wash 40°C Disinfection 90°C Holding time 10 minutes 3 Rinses Rinses and treat Special final spin	Washable incontinence pads, pants and nappies	1:13 PW 6163 12 kg PW 6243 18 kg PW 6323 24 kg
Incontinence 🔒	2 x Pre-rinses Pre-wash 40°C Disinfection 90°C Holding time 10 minutes 3 Rinses Final spin	Heavily soiled cotton personal clothing	



= Programme locked

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
RKI = Robert-Koch-Institute

Holding time = Temperature holding time (equates to Wash time 2 in the programme)








* The Chemo-thermal disinfection and the Chemo-thermal disinfection RKI programmes have to be locked after setting the detergent dependent parameters for "Temperature" and "Wash time 2" (temperature holding time). "Block activation" has to be changed from No to Permanent.

Programme chart

Programme	Programme sequence	Fabric type	Load ratio/ Load capacity
Cottons hygiene 90°C 🔒	Pre-wash 40°C +  Main wash 90°C 2 Rinses Final rinse with hot water Final spin	Cotton and linen textiles	1:10 PW 6163 16 kg PW 6243 24 kg PW 6323 32 kg
Cottons universal 60°C 🔒	Pre-wash 30°C +  Main wash 60°C 2 Rinses Final rinse with hot water Final spin		
Cottons Intensive 60°C 🔒	Pre-wash 30°C +  Longer main wash 60°C 2 Rinses Final rinse with hot water Final spin		
Cottons universal 30°C 🔒	Pre-wash 30°C +  Main wash 30°C 2 Rinses Final rinse with hot water Final spin		
Cottons Intensive 30°C 🔒	Pre-wash 30°C +  Longer main wash 30°C 2 Rinses Final rinse with hot water Final spin		
Minimum iron 60°C 🔒	Pre-wash 30°C +  Main wash 60°C 2 Rinses Special final spin	Synthetic, mixed fibre and easy care cotton textiles	1:20 PW 6163 8 kg PW 6243 12 kg PW 6323 16 kg
Minimum iron Intensive 60°C 🔒	Pre-wash 30°C +  Longer main wash 60°C 2 Rinses Special final spin		
Minimum iron 30°C 🔒	Pre-wash 30°C +  Main wash 30°C 2 Rinses Special final spin		
Minimum iron Intensive 30°C 🔒	Pre-wash 30°C +  Longer main wash 30°C 2 Rinses Special final spin		
Delicates 30°C 🔒	Main wash 30°C Gentle wash rhythm 2 rinses Special final spin	Synthetic and artificial fibre textiles	1:50 PW 6163 3.2 kg PW 6243 4.8 kg PW 6323 6.4 kg
Woollens 30°C 🔒	Main wash limited to 30°C Handwash rhythm 2 Rinses Special final spin	Machine washable woollens and wool mixtures with a washable woollens care label	1:25 PW 6163 6.4 kg PW 6243 9.6 kg PW 6323 12.8 kg
Handwashable woollens 🔒	Main wash 30°C Handwash rhythm 2 Rinses Special final spin	Suitable for handwashable woollens	
WetCare sensitive 🔒	Pre-clean 25°C +  Main wash 25°C Finishing bath 25°C Special final spin	For non washable garments	1:15 - 1:20 PW 6163 8-11 kg PW 6243 12-16kg PW 6323 16-21kg

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Programme	Programme sequence	Fabric type	Load ratio/ Load capacity
WetCare silks 🔒	Main wash 30°C Finishing bath 25°C Special final spin	For non washable garments which crease easily	1:20 - 1:25 PW 6163 6.6-8 kg PW 6243 9.6-12 kg PW 6323 13-16 kg
WetCare intensive 🔒	Pre-wash 30°C +  Main wash 40°C Rinses Finishing bath 25°C Special final spin	Washable garments	1:15 - 1:20 PW 6163 8-11 kg PW 6243 12-16kg PW 6323 16-21kg
Soak programme	Water intake Soak 10 min.	For very heavily soiled items.	1:10 PW 6163 16 kg PW 6243 24 kg PW 6323 32 kg
Separate drain	Water drainage		
Separate Starch 🔒		For articles which have been washed and only need to be starched	1:10
Separate rinse/spin	Rinses Final spin	Articles which have been washed by hand and only need to be rinsed and spun in the machine.	PW 6163 16 kg PW 6243 24 kg PW 6323 32 kg
Separate spin	Final spin	Articles which have been washed by hand and only need to be spun in the machine.	
Drum locating 🔒	The drum opening locates to the clean side. The door on the clean side can then be opened.		
White workwear 🔒	Pre-wash 40°C +  Longer main wash 60°C with Cool Down 2 Rinses Final spin	Cotton and linen textiles e.g. workwear, overalls	1:15 PW 6163 11 kg PW 6243 16 kg PW 6323 21 kg
Coloured workwear 🔒	Pre-wash 40°C +  Main wash 60°C with Cool Down 2 Rinses Final spin		
White underwear 60°C 🔒	Pre-wash 30°C +  Longer main wash 60°C with Cool Down 2 Rinses Final spin	Cotton, linen or mixed fibre textiles	1:10 PW 6163 16 kg PW 6243 24 kg PW 6323 32 kg
Coloured underwear 40°C 🔒	Pre-wash 30°C +  Main wash 40°C 2 Rinses Final spin		
Kitchen linen 🔒	Pre-rinse Pre-wash 40°C Main wash 90°C with Cool Down Holding time 10 minutes 3 Rinses Final spin	Cotton and linen textiles e.g. heavily soiled kitchen linen	1:13 PW 6163 12 kg PW 6243 18 kg PW 6323 24 kg
Table linen 90°C 🔒	Pre-wash 40°C Main wash 90°C 2 Rinses Special final spin	Cotton and linen textiles e.g. table cloths, napkins	1:10 PW 6163 16 kg PW 6243 24 kg PW 6323 32 kg
Table linen 60°C 🔒	Pre-wash 40°C Main wash 60°C 2 Rinses Special final spin		

Programme chart

Programme	Programme sequence	Fabric type	Load ratio/ Load capacity
Bed linen/towelling 90°C 	Pre-wash 40°C + Main wash 90°C 2 Rinses Special final spin	White cotton, linen and mixed fibre bed linen and towelling	1:10 PW 6163 16 kg PW 6243 24 kg PW 6323 32 kg
Bed linen/towelling 60°C 	Pre-wash 40°C + Main wash 60°C 2 Rinses Special final spin	Colourfast cotton, linen and mixed fibre bed linen and towelling	
Down duvets 60°C 	Deflating Pre-wash 30°C + Main wash 60°C 2 Rinses Special final spin	Down duvets	1:10 PW 6163 16 kg PW 6243 24 kg PW 6323 32 kg
Down duvets 40°C 	Deflating Pre-wash 30°C + Main wash 40°C 2 Rinses Special final spin		
Synthetic duvets 60°C 	Pre-wash 30°C + Main wash 60°C 2 Rinses Special final spin	Synthetic duvets	4 pillows or 2 pillows + 1 duvet or 2 duvets
Synthetic duvets 40°C 	Pre-wash 30°C + Main wash 40°C 2 Rinses Special final spin		
Disinf. synth. duvets 	Pre-wash 40°C + Main wash/Disinfection 60°C 2 Rinses Final spin		
Natural fibre duvets 	Main wash 25°C Handwash rhythm 1 Rinses 1 Finishing bath Special final spin	Natural fibre blankets	1:10 PW 6163 16 kg PW 6243 24 kg PW 6323 32 kg
Curtains 	Pre-wash 30°C + Main wash 40°C Gentle wash rhythm 3 Rinses Special final spin	Curtains, specified as machine-washable by the manufacturer.	1:20 - 1:25 PW 6163 6.6-8 kg PW 6243 9.6-12 kg PW 6323 13-16 kg
Mops thermal disinfection 	Pre-rinse Pre-rinse + Disinfection* 90°C Holding time 10 minutes 3 Rinses Special final spin	Mop heads made of cotton or mixed fibre (cotton/polyester)	1:10 PW 6163 16 kg PW 6243 24 kg PW 6323 32 kg
Mops Ch. Th. Dis. 	Pre-rinse Pre-rinse + Disinfection 60°C Holding time 20 minutes 3 Rinses Special final spin		








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Holding time = Temperature holding time (equates to Wash time 2 in the programme)



* The Chemo-thermal disinfection and the Chemo-thermal disinfection RKI programmes have to be locked after setting the detergent dependent parameters for "Temperature" and "Wash time 2" (temperature holding time). "Block activation" has to be changed from No to Permanent.

Programme	Programme sequence	Fabric type	Load ratio/ Load capacity
Washable floor mats 🔒	Pre-rinse Pre-wash 40°C +  Main wash 60°C 3 Rinses Special final spin	Washable floor mats	1:10 PW 6163 16 kg PW 6243 24 kg PW 6323 32 kg
Pads 🔒	Pre-rinse Pre-rinse +  Main wash 40°C 3 Rinses Special final spin	Polishing pads	
Theatre gowns 🔒	Pre-wash 40°C +  Main wash 90°C Holding time 10 minutes 2 Rinses Final spin	Cotton and linen textiles e.g. gowns, cloths This is not suitable for surgical textiles.	1:10 PW 6163 16 kg PW 6243 24 kg PW 6323 32 kg
Theatre base layers 🔒	Pre-wash 40°C +  Main wash 60°C with Cool Down 2 Rinses Final spin	Cotton, mixed fibre and synthetic textiles This is not suitable for surgical textiles.	
Rubber Ch-Th. Dis. 🔒	Disinfection 60°C, Holding time 20 minutes 3 Rinses No spin	Rubber materials, Chemical protective suits	1:15 - 1:20 No. of suits PW 6163 min. 1-2 PW 6243 min. 3 PW 6323 min. 4
Rubber material low temp. 🔒	Disinfection 40°C, Holding time 20 minutes 3 Rinses No spin		
Rinse/proofing 🔒	Rinses Proofing 40°C Special final spin	For all washable garments requiring proofing (e.g. outdoor clothing)	1:15 - 1:20 PW 6163 8-11 kg PW 6243 12-16kg PW 6323 16-21kg
Wash/proofing 🔒	Pre-clean 30°C +  Main wash 40°C 2 Rinses Proofing 40°C Special final spin		
<p>🔒 = Programme locked Once a locked programme has been started, the End button can only be used to stop and cancel it during the first 1 minute. The programme finishes on the "clean side". Holding time = Temperature holding time (equates to Wash time 2 in the programme)</p>			

 Disinfection only takes place in those programmes that include a disinfection stage. Other programmes do not include disinfection. If disinfected laundry is processed in these programmes and unloaded from the Clean side there is a risk of bacterial infection and contamination occurring. Unloading laundry that has not been disinfected on the Clean side is the responsibility of the operator.

General notes

What does the term disinfection mean

Disinfection is the destruction or extensive reduction in the number of pathogens which cause transferable diseases, to prevent the risk of infection.

Thermal disinfection

Thermal disinfection is achieved by maintaining a defined temperature for a specific length of time. This is achieved, e.g. according to § 18 IFSG, at 90 °C held for 10 min. or at 85 °C held for 15 min. with a suds ratio of between 1 - 4 and 1 - 5 in areas of effectiveness AB.

The machine is supplied pre-programmed to the German RKI standard. It is, however, programmable and can be programmed to suit UK guidelines for sluice and thermal disinfection - HSG 95/18. Because thermal disinfection does not depend on the cleaning agent used, the cleaning agent does not have to comply with any official listing.

Chemo thermal disinfection

Chemo thermal disinfection differs from thermal disinfection in that it uses a lower suds temperature during the disinfection phase. The low temperature is compensated for by using specific approved cleaning and disinfecting agents.

It is important that the products are used in accordance with manufacturer's instructions. The correct suds temperature and ratio as well as the dispensing time must be maintained during the programme.

For disinfecting wash programmes there are two lists (in Germany) in which the required procedural parameters pertaining to cleaning and disinfecting agents are specified:

RKI-List (Robert-Koch-Institute, German Federal Institute for infectious diseases and non-communicable illnesses).

This list describes the procedures required for decontamination in accordance with §18 of the German Federal law on infectious diseases (Infektionsschutzgesetz). These disinfection procedures must be followed in accordance with national health and safety regulations on notifiable diseases to prevent the risk of spreading infectious diseases and non-communicable diseases. The RKI-List describes the procedures required for thermal disinfection as well as for chemo thermal disinfection procedures.

Disinfection procedures are defined in three effective areas A, B and C.

Effective area A: Suitable for the destruction of vegetative bacteria, including myco-bacteria, fungus and fungal spores.

Effective area B: Suitable for the inactivation of viruses.

Effective area C: Suitable for the destruction of spores from the anthrax pathogen.

Where disinfection is being carried out in accordance with health and safety regulations it is essential that the first suds are not drained into the sewerage system until disinfection has been successfully carried out.

VAH-List: VAH = The Association for Applied Hygiene
(previously: (DGHM = German Institute for Hygiene and Microbiology)

The VAH list describes the procedures required for routine prophylactic disinfection, and in particular for the prevention of infection in hospitals, doctor's surgeries, public areas and other areas where there may be the risk of infection spreading.

Where disinfection procedures are required by the authorities it is recommended that disinfection is carried out in accordance with national health and safety regulations.

Textiles used in operating theatres must be processed as medical devices using special validated processes and machines. These are not covered in this programme overview.

Precautions for avoiding contamination and recontamination

- ensure personnel disinfect their hands properly
- ensure transport containers are sufficiently cleaned and disinfected
- ensure sluice and drainage facilities are adequate
- ensure sufficient cleaning and disinfecting agents are dispensed
- ensure that protective clothing is worn correctly
- ensure a sterile supply of fresh water from the water treatment plant
- ensure that detergent dispensers, compartments and siphons are clean

Cleaning the detergent dispenser drawers and siphons

The detergent dispenser is constantly subject to moisture and, if not cleaned regularly, is at risk from contamination by water borne bacteria.

The detergent dispensers, the compartments and the siphons must be cleaned after each use with hot water to remove any residues of cleaning agents and other encrustations.

It is the operator's responsibility to ensure that the standard of disinfection in thermal as well as chemo thermal procedures is maintained (in accordance with national health and safety regulations) by carrying out suitable validation tests. These procedures should be checked on a regular basis, either thermo-electrically using loggers, or bacteriologically with bio indicators. The operator must pay particular attention to maintaining the correct parameters in the procedure, including temperature and with chemo thermal programmes, the chemical concentration used. Disinfection programmes must not be interrupted, as this can have a limiting effect on the disinfection result.

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