

GW3060 GW4090 PROGRAMME TABLE

PROGRAMME N.	PROGRAMME NAME	PHASE 1	PHASE 2	PHASE 3	PHASE 4	PHASE 5	PHASE 6	WASHING TIME MIN.	DRYING	AF TOT [l]	AC TOT [l]	AD TOT [l]	KW/H TOT	WATER USED BY CONDENSER TOT	
Programme 1	PREWASH	prewash								description					
	duration [m]	8								/					
	qty detergent [ml]	0								/					
	power consumption [kW/h]	0,02								/					
	water type AC/AF/AD	AF								/					
	temperature [°C]	T.amb													
	hold time [m]	5													
Programme 2	PLASTIC WASH	wash	neutralisation	rinse	rinse in demin. water	rinse in demin. water 60°C			drying						
	duration [m]	18	5	4	4	15		46	0						
	qty detergent [ml]	50	30	0	0	0									
	power consumption [kW/h]	1,75	0,01	0,01	0,01	1,4							3,18		
	water type AC/AF/AD	AF	AC	AC	AD	AD				10	20	20		0	
	temperature [°C]	60	T.amb	T.amb	T.amb	60			0						
	hold time [m]	4	2	1	1	1									
Programme 3	QUICK WASH	wash	neutralisation	rinse	rinse in demin. water 75°C				drying						
	duration [m]	18	5	6	18			47	30						
	qty detergent [ml]	50	30	0	0										
	power consumption [kW/h]	1,79	0,01	0,01	1,79				0,5				4,10		
	water type AC/AF/AD	AC	AC	AF	AD					10	20	10		4	
	temperature [°C]	75	T.amb	T.amb	75				100						
	hold time [m]	1	2	3	1										
Programme 4	MEDIUM WASH	wash	neutralisation	rinse	rinse in demin. water 75°C				drying						
	duration [m]	22,5	5	6	18			51,5	30						
	qty detergent [ml]	50	30	0	0										
	power consumption [kW/h]	2,30	0,01	0,01	1,79				0,5				4,61		
	water type AC/AF/AD	AC	AC	AF	AD					10	20	10		17	
	temperature [°C]	75	T.amb	T.amb	75				100						
	hold time [m]	5	2	3	1										
Programme 5	STANDARD WASH	wash	neutralisation	rinse	rinse in demin. water	rinse in demin. water 75°C			drying						
	duration [m]	23	5	6	4	18		56	30						
	qty detergent [ml]	50	30	0	0	0									
	power consumption [kW/h]	2,40	0,01	0,01	0,01	1,79			0,5				4,72		
	water type AC/AF/AD	AC	AC	AF	AD	AD				10	20	20		20	
	temperature [°C]	80	T.amb	T.amb	T.amb	75			100						
	hold time [m]	5	2	3	1	1									
Programme 6	INTENSIVE WASH	wash	neutralisation	rinse	rinse	rinse in demin. water	rinse in demin. water 75°C		drying						
	duration [m]	6	26	5	4	5	18		64	30					
	qty detergent [ml]	50	50	40	0	0	0								
	power consumption [kW/h]	0,01	2,7	0,01	0,01	0,01	1,79			0,5			5,03		
	water type AC/AF/AD	AC	AC	AC	AC	AD	AD				40	20		20	
	temperature [°C]	T.amb	90	T.amb	T.amb	T.amb	75			100					
	hold time [m]	3	3	2	1	2	1								
Programme 7	INTENSIVE WASH BLOOD-STAINED GLASSWARE	wash	neutralisation	rinse	rinse	rinse in demin. water	rinse in demin. water 75°C		drying						
	duration [m]	6	21	6	4	5	18		60	30					
	qty detergent [ml]	50	50	30	0	0	0								
	power consumption [kW/h]	0,01	2,1	0,01	0,01	0,01	1,79			0,5			4,43		
	water type AC/AF/AD	AF	AF	AF	AF	AD	AD				40	20		22	
	temperature [°C]	T.amb	93	T.amb	T.amb	T.amb	75			100					
	hold time [m]	3	3	3	1	2	1								
Programme 8	WASH AGAR STAINED GLASSWARE	wash	neutralisation	rinse	rinse	rinse in demin. water	rinse in demin. water 75°C		drying						
	duration [m]	6	21	6	4	5	18		60	30					
	qty detergent [ml]	50	50	30	0	0	0								
	power consumption [kW/h]	0,01	2,1	0,01	0,01	0,01	1,79			0,5			4,43		
	water type AC/AF/AD	AF	AC	AC	AC	AD	AD				10	30	20	22	
	temperature [°C]	T.amb	93	T.amb	T.amb	T.amb	75			100					
	hold time [m]	3	3	3	1	2	1								
Programme 9	INTENSIVE WASH AGAR STAINED GLASSWARE	wash	neutralisation	rinse	rinse	rinse in demin. water	rinse in demin. water 75°C		drying						
	duration [m]	22	26	5	4	5	18		80	30					
	qty detergent [ml]	50 + 100	50 + 100	30	0	0	0								
	power consumption [kW/h]	2,2	2,7	0,01	0,01	0,01	1,79			0,5			7,22		
	water type AC/AF/AD	AF	AC	AC	AC	AD	AD				10	30	20	38	
	temperature [°C]	80	93	T.amb	T.amb	T.amb	75			100					
	hold time [m]	3	5	2	1	2	1								
Programme 10	THERMAL DISINFECTION 93°C 3'	thermal disinfection	neutralisation	rinse in demin. water	rinse in demin. water at 75°C				drying						
	duration [m]	21	5	5	18			49	30						
	qty detergent [ml]	50	30	0	0										
	power consumption [kW/h]	2,1	0,01	0,01	1,79				0,5				4,41		
	water type AC/AF/AD	AC	AC	AD	AD						20	20		22	
	temperature [°C]	93	T.amb	T.amb	75				100						
	hold time [m]	3	2	2	1										
Programme 11	THERMAL DISINFECTION 93°C 10'	thermal disinfection	neutralisation	rinse in demin. water	rinse in demin. water at 75°C				drying						
	duration [m]	31	5	5	18			59	30						
	qty detergent [ml]	50	30	0	0										
	power consumption [kW/h]	3,3	0,01	0,01	1,79				0,5				5,61		
	water type AC/AF/AD	AC	AC	AD	AD						20	20		36	
	temperature [°C]	93	T.amb	T.amb	75				100						
	hold time [m]	10	2	2	1										

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Programme 12	INTENSIVE THERMAL DISINFECTION 93°C 3'	prewash	thermal disinfection	neutralisation	rinse	rinse in demin.water	rinse in demin. water 75°C		drying					
	duration [m]	5	26	5	5	4	18	63	30					
	qty detergent [ml]	30	50	30	0	0	0							
	power consumption [kW/h]	0,01	2,7	0,01	0,01	0,01	1,79		0,5				5,03	
	water type AC/AF/AD	AF	AF	AC	AC	AD	AD			20	20	20		26
	temperature [°C]	T.amb	93	T.amb	T.amb	T.amb	75		100					
	hold time [m]	2	5	2	2	1	1							
Programme 13	INTENSIVE THERMAL DISINFECTION 93°C 10'	prewash	thermal disinfection	neutralisation	rinse	rinse in demin.water	rinse in demin. water 75°C		drying					
	duration [m]	5	31	5	5	4	18	68	30					
	qty detergent [ml]	30	50	30	0	0	0							
	power consumption [kW/h]	0,01	3,3	0,01	0,01	0,01	1,79		0,5				5,63	
	water type AC/AF/AD	AF	AF	AC	AC	AD	AD			20	20	20		36
	temperature [°C]	T.amb	93	T.amb	T.amb	T.amb	75		100					
	hold time [m]	2	10	2	2	1	1							
Programme 14	WASH PETROL-STAINED GLASSWARE	prewash	wash	neutralisation	rinse	rinse in demin.water	rinse in demin. water 75°C		drying					
	duration [m]	5	22	5	5	5	18	60	30					
	qty detergent [ml]	0	50 + 100	30	0	0	0							
	power consumption [kW/h]	0,01	2,3	0,01	0,01	0,01	1,79		0,5				4,63	
	water type AC/AF/AD	AC	AC	AC	AC	AD	AD				40	20		
	temperature [°C]	T.amb	93	T.amb	T.amb	T.amb	75		100					18
	hold time [m]	2	1	2	2	1	1							
Programme 15	INTENSIVE WASH PETROL-STAINED GLASSWARE	prewash	wash	neutralisation	rinse	rinse in demin.water	rinse in demin. water 75°C		drying					
	duration [m]	5	26	5	5	4	18	63	30					
	qty detergent [ml]	30	50 + 100	30	0	0	0							
	power consumption [kW/h]	0,01	2,7	0,01	0,01	0,01	1,79		0,5				5,03	
	water type AC/AF/AD	AC	AC	AC	AC	AD	AD				40	20		26
	temperature [°C]	T.amb	93	T.amb	T.amb	T.amb	75		100					
	hold time [m]	2	5	2	2	1	1							
Programme 16	WASH OIL-STAINED GLASSWARE	prewash	wash	neutralisation	rinse	rinse in demin.water	rinse in demin. water 75°C		drying					
	duration [m]	14	22	5	5	4	18	68	30					
	qty detergent [ml]	50 + 100	50 + 100	30	0	0	0							
	power consumption [kW/h]	1,3	2,3	0,01	0,01	0,01	1,79		0,5				5,92	
	water type AC/AF/AD	AC	AC	AC	AC	AD	AD				40	20		18
	temperature [°C]	50	93	T.amb	T.amb	T.amb	75		100					
	hold time [m]	2	1	2	2	1	1							
Programme 17	INTENSIVE WASH OIL-STAINED GLASSWARE	prewash	wash	neutralisation	rinse	rinse in demin.water	rinse in demin. water 75°C		drying					
	duration [m]	18	31	5	5	4	18	81	30					
	qty detergent [ml]	50 + 100	50 + 100	30	0	0	0							
	power consumption [kW/h]	1,79	3,3	0,01	0,01	0,01	1,79		0,3				7,21	
	water type AC/AF/AD	AC	AC	AC	AC	AD	AD				40	20		36
	temperature [°C]	75	93	T.amb	T.amb	T.amb	75		80					
	hold time [m]	1	10	2	2	1	1							
Programme 18	WASH PETROL-STAINED GLASSWARE	wash	neutralisation	rinse	rinse in demin.water	rinse in demin. water 75°C			drying					
	duration [m]	26	5	4	5	18		58	30					
	qty detergent [ml]	50 + 100	30	0	0	0								
	power consumption [kW/h]	2,7	0,01	0,01	0,01	1,79			0,5				5,02	
	water type AC/AF/AD	AC	AC	AC	AD	AD					30	20		26
	temperature [°C]	93	T.amb	T.amb	T.amb	75			100					
	hold time [m]	5	2	1	2	1								
Programme 19	WASH DIESEL-STAINED GLASSWARE	prewash	wash	neutralisation	rinse	rinse in demin.water	rinse in demin. water 75°C		drying					
	duration [m]	6	22	5	4	5	18	60	30					
	qty detergent [ml]	0	50	30	0	0	0							
	power consumption [kW/h]	0,01	2,3	0,01	0,01	0,01	1,79		0,5				4,63	
	water type AC/AF/AD	AC	AC	AC	AC	AD	AD				40	20		18
	temperature [°C]	T.amb	93	T.amb	T.amb	T.amb	75		100					
	hold time [m]	3	1	2	1	2	1							
Programme 20	INTENSIVE WASH	wash	wash	neutralisation	rinse	rinse in demin.water	rinse in demin. water 75°C		drying					
	duration [m]	31	31	5	5	4	18	94	30					
	qty detergent [ml]	50 + 100	50 + 100	40	0	0	0							
	power consumption [kW/h]	3,3	3,3	0,01	0,01	0,01	1,79		0,5				8,92	
	water type AC/AF/AD	AC	AC	AC	AC	AD	AD				40	20		68
	temperature [°C]	93	93	T.amb	T.amb	T.amb	75		100					
	hold time [m]	10	10	2	2	1	1							

AF = Cold water; AC = Hot water; AD = Demineralised water.

N.B.

The use of hot water in the washing and thermal disinfection phases with temperatures higher than 40°C reduces total cycle times by approximately 50%. Washing and thermal disinfection times are calculated according to an average supply water temperature of 10°C. Power consumption was calculated for three-phase machines. In the versions fitted with powder dispensers (GW3060BX and GW3060BXC), opening of the washing door can be programmed during washing.