

Technical Data GSS67H														T16310	Revision	16
Ref ¹	Connection	Consumption/cycle ²												Peak/h	Supply Condition ¹⁶	Size
		67H10			67H13			67H17			67H20					
		E	1/2	1/1	E	1/2	1/1	E	1/2	1/1	E	1/2	1/1			
1/4 ¹	Steam (kg)	6	9,5	12	6,5	11,5	15,5	7	13,5	17,5	8	15	21	80	2,5-4,5 bar ^{12, 13}	1" DN25
3	Potable Water (cold water) (l)	112	160	185	131	188	228	133	205	262	216	313	386	2000	3-6 bar,<35°C	3/4" DN20
13	Compressed Air (nm³)	0,2	0,2	0,2	0,2	0,2	0,2	0,25	0,25	0,25	0,2	0,2	0,2	4	5-8 bar	Ø6mm hose
8	Drain (l)	118	170	197	138	200	244	140	219	280	224	328	407	3000	<70°C	2 1/2" DN65
Option Condensate Return [XZMM000015]																
12	Condensate Return (l)	0,5	0,6	0,7	0,7	0,85	0,95	0,75	0,95	1,05	0,9	1,15	1,4	110	max lift 5m	1/2" DN15
Option Chilled Water Recirculation [XZMM000020]																
3	Potable Water (l)	10	10	10	10	10	10	10	10	10	10	10	10	2000	3-6 bar,<35°C	3/4" DN20
10	Chilled Water ⁵ (l)	-	-	-	-	-	-	-	-	-	-	-	-	5000	Δp>0,5bar	1" DN25
	Cooling Energy to Chilled Water System (kWh)	6	9	10	6,5	10	12	7	11	14	8	12	15	200	Δp>0,5bar	1" DN25
Option Air Cooler [XZMM000021]																
	Potable Water ¹⁴ (l)	28	40	46	33	47	57	33	51	66	54	78	97	2000	3-6 bar,<35°C	3/4" DN20
Option Integral Electrical Steam Generator																
2	Feed Water (l)	6	9,5	12	6,5	11,5	15,5	7	13,5	17,5	8	15	21	600	3-6 bar,<60°C ¹⁵	3/4" DN20
Option Integral Steam to Steam Generator																
17	Steam (kg)	7	11	14	7	14	17,5	7	14,5	20	9	18	26	100	5,5-6 bar	3/4" DN20
2	Feed Water (l)	6	9,5	12	6,5	11,5	15,5	7	13,5	17,5	8	15	21	600	3-6 bar,<60°C ¹⁵	3/4" DN20
Performance and Dimensions														Comments		
	Process Time, metal load ^{2,4} (h:mm)	0:20	0:25	0:27	0:23	0:29	0:32	0:25	0:31	0:36	0:25	0:32	0:39			
	Process Time, textile load ^{3,4} (h:mm)	-	-	0:33	-	-	0:37	-	-	0:43	-	-	0:47			
	Usable Space (WxHxL) (mm)	660x611x1000			660x611x1300			660x611x1700			660x611x2000			Including use of loading equipment		
	Chamber Capacity (STU)	6			8			10			12					
	Weight (kg)	880			960			1100			1200					
	Sound Power Level LwA ⁶ (dBA)	80			80			80			79			EN 285:2015 and ISO 3746:2010		
	Sound Pressure Level LpA ⁶ (dBA)	<70			<70			<70			<70					
	Heat Generation ⁷ (kW)	2,4			2,7			2,8			3,2					
Option Integral Electrical Steam Generator, Option Integral Steam to Steam Generator																
	Weight ⁸ (kg)	970			1050			1190			1290					
	Heat Generation ⁷ (kW)	3,3			3,6			3,7			4,1					
Option Air Detector [XZMM000022]																
	Air Detector Leak (mbar/ 10 min)	35-40			35-40			35-40			25-30					
	Test Probe insertion (mm)	120			120			120			120					
Electrical Data, required supply fuse ⁹		67H10			67H13			67H17			67H20			Connection		
Central Steam Supply as standard or Integrated Steam-to-Steam converter																
	3x200V 50/60 Hz	20A			20A			20A			25A					
	3x208V 50 Hz	20A			20A			20A			25A					
	3x208V 60 Hz	20A			20A			20A			25A					
	3x220V 50 Hz	20A			20A			20A			25A					
	3x220V 60 Hz	20A			20A			20A			25A					
	3x230V 50 Hz	16A			16A			16A			25A					
	3x230V 60 Hz	20A			20A			20A			25A					
	3x240V 50 Hz	16A			16A			16A			25A					
	3x240V 60 Hz	20A			20A			20A			25A					
	3x380V 50 Hz	16A			16A			16A			16A			TN-S system; 3 phases + protective earth (PE)		
	3x380V 60 Hz	16A			16A			16A			16A					
	3x400V 50 Hz	16A			16A			16A			16A					
	3x400V 60 Hz	16A			16A			16A			16A					
	3x415V 50 Hz	16A			16A			16A			16A					
	3x415V 60 Hz	16A			16A			16A			16A					
	Power(kWh) ¹⁰	0,5	0,53	0,55	0,6	0,7	0,75	0,65	0,8	0,8	0,85	1	1,2			
	Peak(kW)	3,5			3,5			3,5			5					
Integrated Electrical Steam Generator or Combined Central Steam/Integrated Electrical Steam Generator																
	3x200V 50/60 Hz	160A			160A			200A			200A					
	3x208V 50 Hz	200A			200A			200A			200A					
	3x208V 60 Hz	200A			200A			200A			200A					
	3x220V 50 Hz	160A			160A			200A			200A					
	3x220V 60 Hz	160A			160A			200A			200A					
	3x230V 50 Hz	160A			160A			200A			200A					
	3x230V 60 Hz	160A			160A			200A			200A					
	3x240V 50 Hz	160A			160A			200A			200A					
	3x240V 60 Hz	160A			160A			200A			200A					
	3x380V 50 Hz	100A			100A			100A			100A			TN-S system; 3 phases + protective earth (PE)		
	3x380V 60 Hz	100A			100A			100A			100A					
	3x400V 50 Hz	100A			100A			100A			100A					
	3x400V 60 Hz	100A			100A			100A			125A					
	3x415V 50 Hz	100A			100A			125A			125A					
	3x415V 60 Hz	100A			100A			125A			125A					
	Power(kWh) ¹⁰	3,6	6,6	8,3	4,7	8,8	10,9	4,7	9,1	12,3	6,1	11,5	16,0			
	Peak(kW)	57			57			68			70					
Notes																
1	Reference to typical installation drawing: 60202594, 60202622, 60203601															
2	Metal load according to EN285-23.5, vacuum level 85 mbar; E-Empty chamber, no load; 1/2-Half load; 1/1-Full load. 15 kg/STU. P1 program. The process time includes 5 minutes vacuum drying. Additional air pulses or steam pulses are not included.															
3	Textile load according to EN285-23.4, vacuum level 85 mbar; E-Empty chamber, no load; 1/2-Half load; 1/1-Full load. 7,5 kg/STU. P1 program. Process time include drying according to EN285-8.3.2															
4	Reference measurement point is located 95 mm below bottom of the chamber, position of controlling temperature sensor															
5	Chilled water @ΔT=40°C															
6	Maximum impulsive noise index for 67H10-67H17 : 5,0 for 67H20 : 7,5															
7	Total heat thermal power released from sterilizer with empty chamber and 2 doors both closed at an ambient temp of 23°C ± 2°C. Thermal power released through the front is 0,65 kW/side with closed door and 1,74 kW/side with open door.															
8	Total weight of sterilizer including steam generator															
9	Tolerances acc to EN61010-1-1.4.1															
10	@400V 50Hz															
11	Maximum pressure change rate is less than 10bar/min as required by EN285.															
12	Steam supply with pressure in range 3,5-4,5 bar(g) requires jacket safety valve which is optional for EU and CN															
13	Steam supply above 3,5 bar(g) is not allowed for Japan															
14	Performance measured at 23°C air temperature and 15°C water temperature. Max dimensioning air temperature 40°C.															
15	With option degassing filter, is the maximal feed water temperature 40°C.															
16	Read the pre-installation manual and Installation for detailed requirements on media															