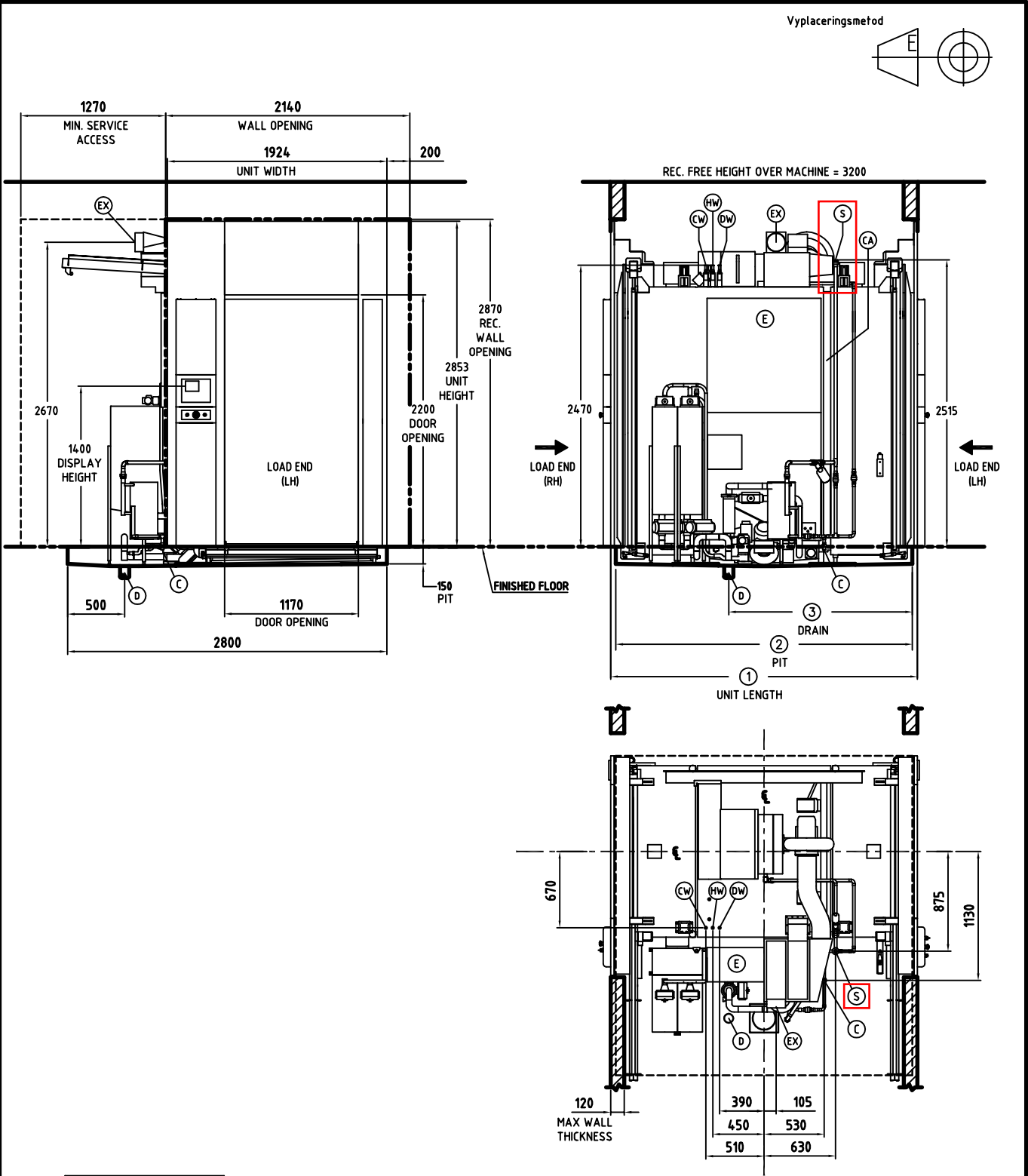


THIS DRAWING CONTAINS CONFIDENTIAL INFORMATION AND REMAINS THE PROPERTY OF GETINGE DISINFECTION AB WITHOUT WHOSE PERMISSION IT MAY NOT BE COPIED, SHOWN OR HANDED TO A THIRD PART OR USED AT THE BASIS OF ALTERNATE DESIGNS.



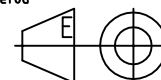
GETINGE 9122 LS-SERIES WASHER DISINFECTOR

DOUBLE DOORS LEFT AND RIGHT HAND PIT MOUNTED UNIT SHOWN

UTILITY REQUIREMENTS ARE SHOWN ON SHEET 15
PIT REQUIREMENTS ARE SHOWN ON SHEET 11

SHEET 8 OF 15

Pos. No	Qty.	Description	Material	Dimension	Note or Art. No
Drawn by NB	Checked by CJ	Approved by - Date CJ 2008-08-28	If no other tolerance given -	Scale -	Format -
Rough-In Drawing					File No. 2004-12-02
9100					Dwg No 5018507
GETINGE Ljungadalsgatan 11 PO Box 1505 SE 351 15 Växjö Sweden					Rev. A



UTILITY REQUIREMENTS

UTILITY	ON UNIT CONNECTION	PRESSURE REC. SUPPLY	9100 DEMAND	9100 CONSUMPTION PER CYCLE SEE NOTE 13	COMMENTS
(CW) = COLD WATER	TRI-CLAMP Ø25 PIPE Ø18X1	2-8 BAR	MIN. 100 L/MIN SEE NOTE 16	NA	ALT. CONNECTION THREAD 3/4"
(HW) = HOT WATER 45-60°C	TRI-CLAMP Ø25 PIPE Ø18X1	2-8 BAR	MIN. 100 L/MIN SEE NOTE 16	APPR. 170 L	ALT. CONNECTION THREAD 3/4"
(DW) = DEST. WATER (OPTION)	TRI-CLAMP Ø25 PIPE Ø18X1	2-8 BAR	MIN. 100 L/MIN	NA	ALT. CONNECTION THREAD 3/4"
(CA) = COMPRESSED AIR	1/4" THREAD	5-8 BAR	10 L/MIN	NA	AIR FREE FROM OIL AND WATER
(G) = GULLY	NA	NA	MIN. 200 L/MIN TEMP. MAX 90°C	APPR. 170 L	
(D) = PROCESS DRAIN (TIGHT)	Ø50	NA	MIN. 200 L/MIN TEMP. MAX 90°C	NA	Ø80 FLOOR DRAIN TEMP MAX. 60° WITH DRAIN COOLING
(S) = STEAM	1" THREAD	2-4 BAR	300-400 KG/H	32 KG	SEE NOTE 15
(C) = CONDENSATE	3/4" THREAD	NOT TO EXCEED 0,3 BAR	NA	NA	CONNECTION POINT AT FLOOR LEVEL
(EX) = EXHAUST SEE NOTE 5	Ø160	NA	800M ³ /H TEMP. <40°C	NA	CONNECTION TO BUILDING EXHAUST WITH AIR GAP
(E) = ELECTRICAL	RECOMMENDED SERVICE DISCONNECT SEE NOTE 7	PRIMARY TRANSFORMER FULL LOAD AMPS	SECONDARY TRANSFORMER FULL LOAD AMPS (MACHINE)		
STEAM HEATED					
200 V 50/60 Hz 3 +PE	20A curve C	15,5A	7,3A		
208 V 50/60 Hz 3 +PE	20A curve C	15,2A	7,3A		
220 V 50/60 Hz 3 +PE	20A curve C	14,7A	7,3A		
230 V 50/60 Hz 3 +PE	20A curve C	14,3A	7,3A		
240 V 50/60 Hz 3 +PE	20A curve C	14,0A	7,3A		
380 V 50/60 Hz 3 +PE	16A curve C	8,5A	7,3A		
400 V 50/60 Hz 3N +PE	16A curve C	7,3A	7,3A		
415 V 50/60 Hz 3N +PE	16A curve C	7,1A	7,3A		
480 V 50/60 Hz 3 +PE	10A curve C	6,9A	7,3A		
600 V 50/60 Hz 3 +PE	10A curve C	5,0A	7,3A		
ELECTRICAL HEATED					
400 V 50/60 Hz 3N +PE	100A curve B	NA	90A		

NOTES:

- 1) IT SHALL BE THE CUSTOMERS RESPONSIBILITY TO INSURE BY USE OF PRESSURE REGULATORS OR OTHER MEANS THAT MAXIMUM SPECIFIED PRESSURES ARE NOT EXCEEDED.
- 2) IT SHALL BE THE CUSTOMERS RESPONSIBILITY TO ELIMINATE WATER OR STEAM HAMMER CONDITIONS SHOULD THEY OCCUR IN THE SERVICE PIPING.
- 3) IT SHALL BE THE CUSTOMERS RESPONSIBILITY TO PROVIDE A PROPERLY SIZED AND LOCATED DRAINAGE SYSTEM IN ACCORDANCE WITH THE NATIONAL PLUMBING CODE. CONSIDER WHAT OTHER EQUIPMENT IS TIED TO DRAIN TO ELIMINATE SLOW DRAINAGE OR BACKUP. IF SITE CONDITIONS DICTATE THAT THE WASHER WILL DUMP WATER DIRECTLY TO PIT, THE PIT SHOULD BE WATER-PROOFED.
- 4) IT SHALL BE THE CUSTOMERS RESPONSIBILITY TO ENSURE THAT WATER SUPPLIES ARE PROPERLY PROTECTED FOR INTERNAL CROSS CONNECTION CONTROL IN ACCORDANCE WITH LOCAL BUILDING AND PLUMBING REQUIREMENTS.
- 5) IT SHALL BE THE CUSTOMERS RESPONSIBILITY TO PROVIDE A VENTING SYSTEM CAPABLE OF EXHAUSTING 800 M³/H MEASURED AT THE POINT OF CONNECTION TO THE WASHER. THE BUILDING VENTING SYSTEM SHOULD HAVE A CAPACITY OF MIN 1200 M³/H AND MAX 2000 M³/H. THE VENTING SYSTEM SHALL HAVE AN AIR GAP OF AT LEAST 50 MM DIRECT AFTER THE EXHAUST. THIS MEANS THAT THE EXHAUST AIR WILL BE MIXED WITH ROOM TEMPERATURE AIR AND NOT ABOVE 50°C DURING THE DRYING PHASE. DURING THE END OF THE DISINFECTION PHASE THE TEMPERATURE WILL INCREASE INSIDE THE VENT. PIPE TO ROUGHLY 80°C BUT THIS IS ALMOST STILL STANDING SATURATED STEAM. THE SYSTEM SHOULD BE A DEDICATED, CORROSION PROOF & WATER TIGHT VENT. SLOPE VENT BACK TO WASHER.
- 6) IT SHALL BE THE CUSTOMERS RESPONSIBILITY TO COMPLETE ALL ELECTRICAL CONNECTIONS USING PROPERLY SIZED WIRING IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE.
- 7) IT SHALL BE THE CUSTOMERS RESPONSIBILITY TO PROVIDE A FUSED DISCONNECT SWITCH IN ALL ELECTRICAL SUPPLY LINES AT THE WASHER LOCATION.
- 8) IT SHALL BE THE CUSTOMERS RESPONSIBILITY TO PROVIDE NON-SLIP FLOORING ON BOTH APPROACH RAMP AREAS.
- 9) ALL DIMENSIONS GIVEN ARE FROM FINISHED SURFACES.
- 10) ALL DIMENSIONS ARE MILLIMETERS.
- 11) DRAWING NOT TO SCALE.
- 12) THE UNIT SHOWN IS THE 9125 HC - 2500 MM (98")
- 13) CONSUMPTION SHOWING P01 - SHORT WASH, INCLUDES WASH, RINSE AND DRYING PHASE NOT USING SAVING TANKS.
- 14) SOUND LEVEL VALUE IS VALID WHEN WASHER AND SERVICE AREA ARE BUILD IN. MEASURED 1 METER IN FRONT OF THE WASHER AND 1,5 METER ABOVE FLOOR LEVEL.
- 15) DYNAMIC STEAM PRESSURE. STEAM DEMAND IS DEPENDING ON WASHER CONFIGURATION AND WASH CYCLES.
- 16) PEAK VALUES. WATER SHOULD HAVE A HARDNESS < 5 °dH.

OPERATING CONDITIONS	
MAX OUTSIDE TEMPERATURE	50°C (122°F)
HUMIDITY	HUMIDITY DROPPING TO LESS THAN 40% AFTER APPROX. 5 MIN OPERATION
SOUND LEVEL, SEE NOTE 14	APPROX. 65 dB (A)
RADIANT HEAT LOSS	CLEAN SIDE 2,25 KW/HR (7700 BTU/HR)
	SOILED SIDE 0,90 KW/HR (3100 BTU/HR)
	SERVICE AREA 1,35 KW/HR (4600 BTU/HR)
POWER CONSUMPTION	STEAM HEATED MAX 6 KW
	ELECTRICAL HEATED MAX 66 KW

OPERATING ENVIRONMENTAL CONDITIONS	
TEMPERATURE	5°C (41°F) TO 30°C (86°F)
RELATIVE HUMIDITY	MAX 80% AT 31°C
VOLTAGE FLUCTUATIONS (MAIN SUPPLY)	NOT TO EXCEED ±10% OF THE NOMINAL VOLTAGE

DIMENSION AND WEIGHT (EXCL. PACKAGING)					
		9120	9125	9128	9122 (L.S)
CORE MODULE	DIMENSION (MM)	1350x2440x1200	1350x2440x1200	1350x2440x1200	1560x2640x1200
	(INCH)	53x96x47	53x96x47	53x96x47	61x104x47
	WEIGHT (KG)	250	250	250	280
	(LB)	551	551	551	617
CHAMBER EXTENSION MODULE (2x)	DIMENSION (MM)	1315x2445x415	1315x2445x665	1315x2445x840	1525x2645x515
	(INCH)	52x96x16	52x96x26	52x96x33	60x104x20
	WEIGHT (KG)	105	150	177	138
	(LB)	232	331	390	304
GLASS DOOR (2x)	DIMENSION (MM)	1095x2100x35	1095x2100x35	1095x2100x35	1305x2300x35
	(INCH)	43x83x1,5	43x83x1,5	43x83x1,5	51x91x1,5
	WEIGHT (KG)	100	100	100	130
	(LB)	220	220	220	287
TOTAL WEIGHT	WEIGHT (KG)	1400	1500	1600	1650
	(LB)	3090	3300	3500	3600

GETINGE 9100-SERIES WASHER DISINFECTOR

UNIT DIMENSIONS ARE SHOWN ON SHEETS 1 - 14

SHEET 15 OF 15

Pos. No	Qty.	Description	Material	Dimension	Note or Art. No
Drawn by NB	Checked by CJ	Approved by - Date NB 2006-04-27	If no other tolerance given -	Scale -	Format -
				File No.	Date
Ljungadalsgatan 11 PO Box 1505 SE 351 15 Växjö Sweden				Dwg No 5018514	Rev. A
Rough-In Drawing 9100				2004-12-03	