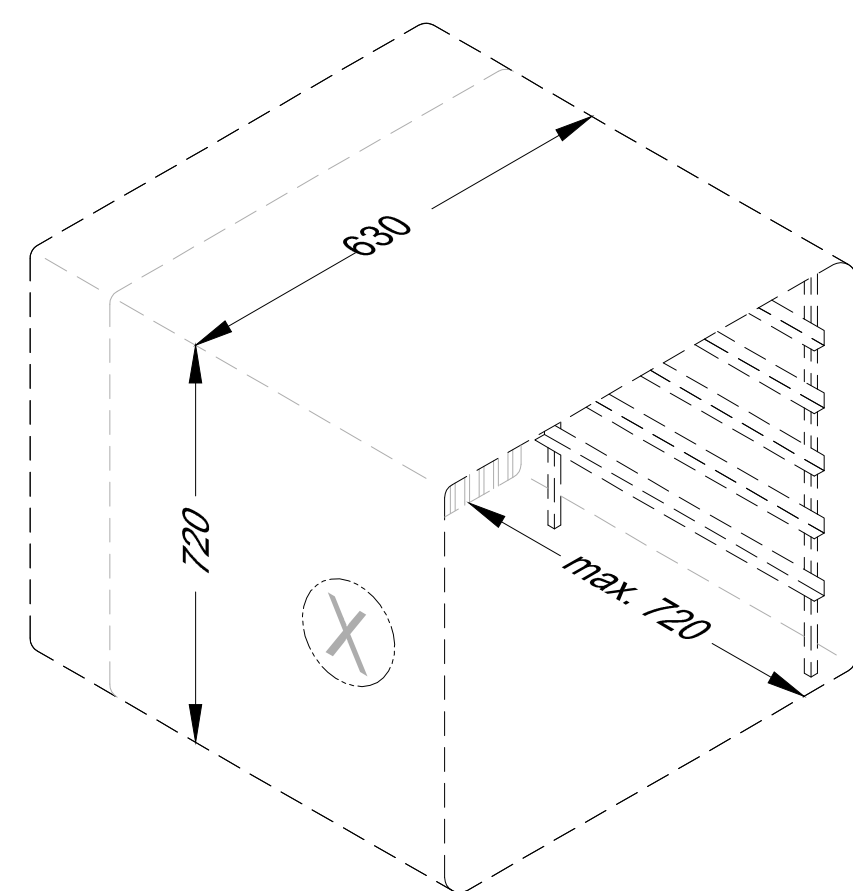
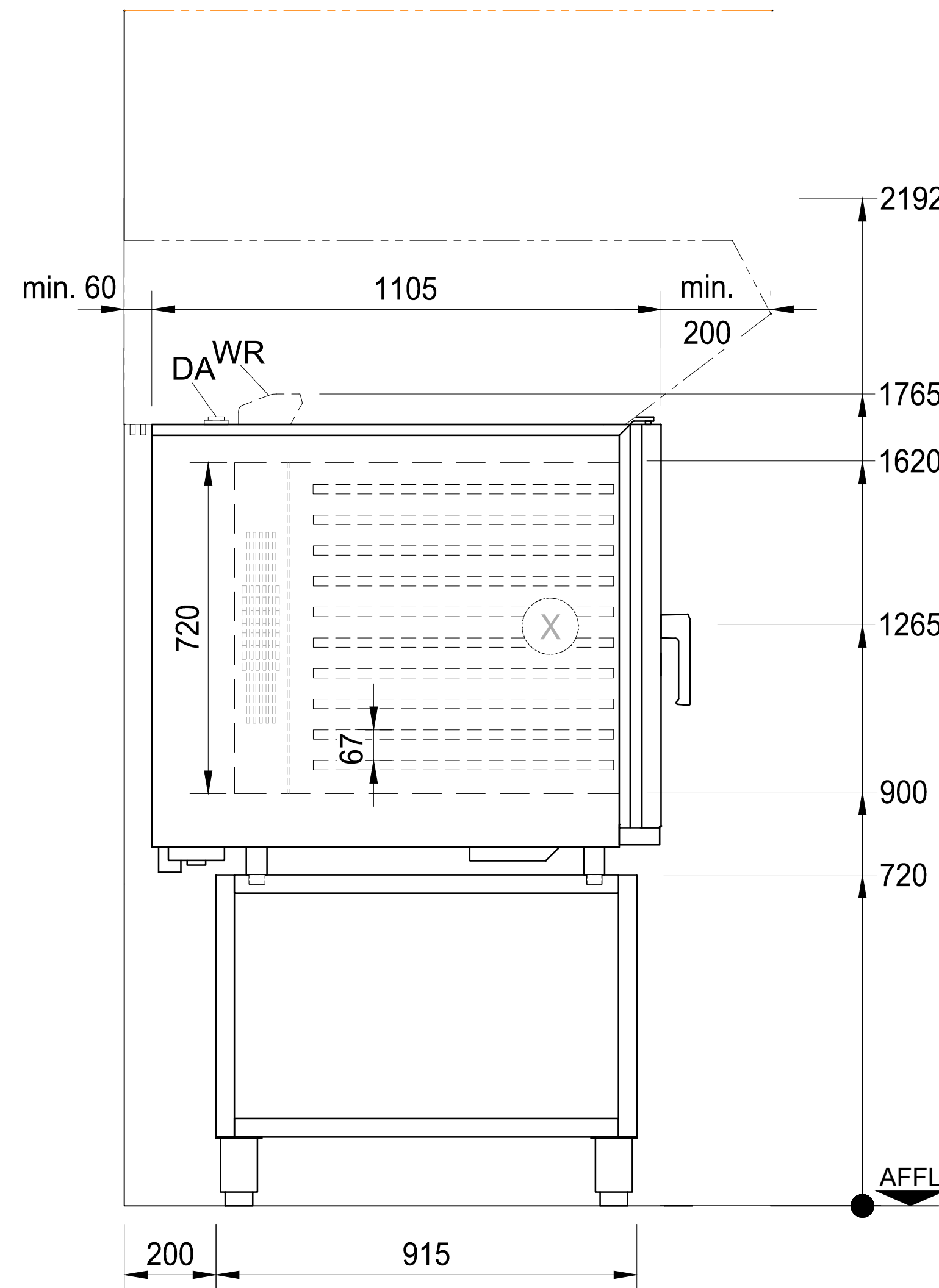
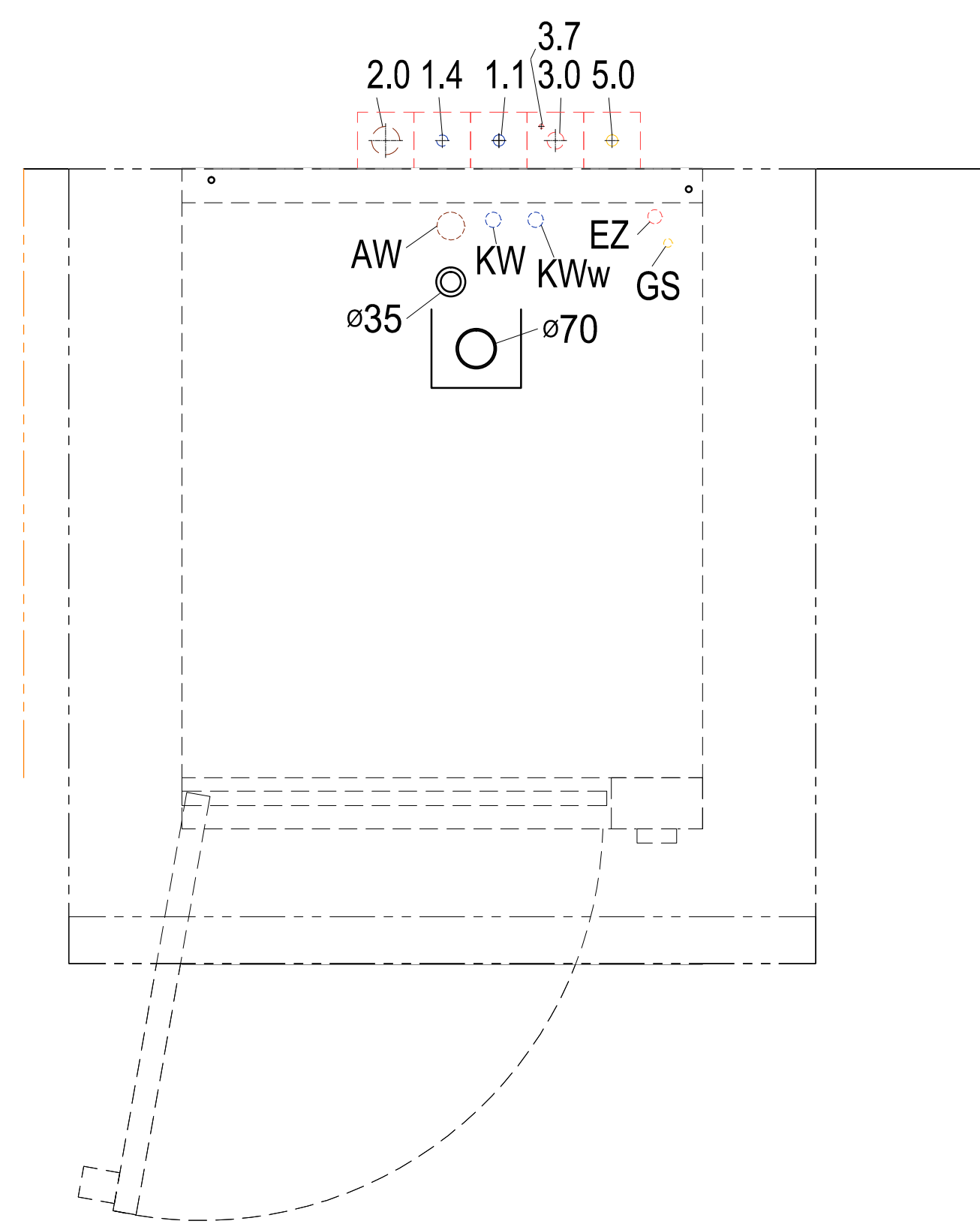
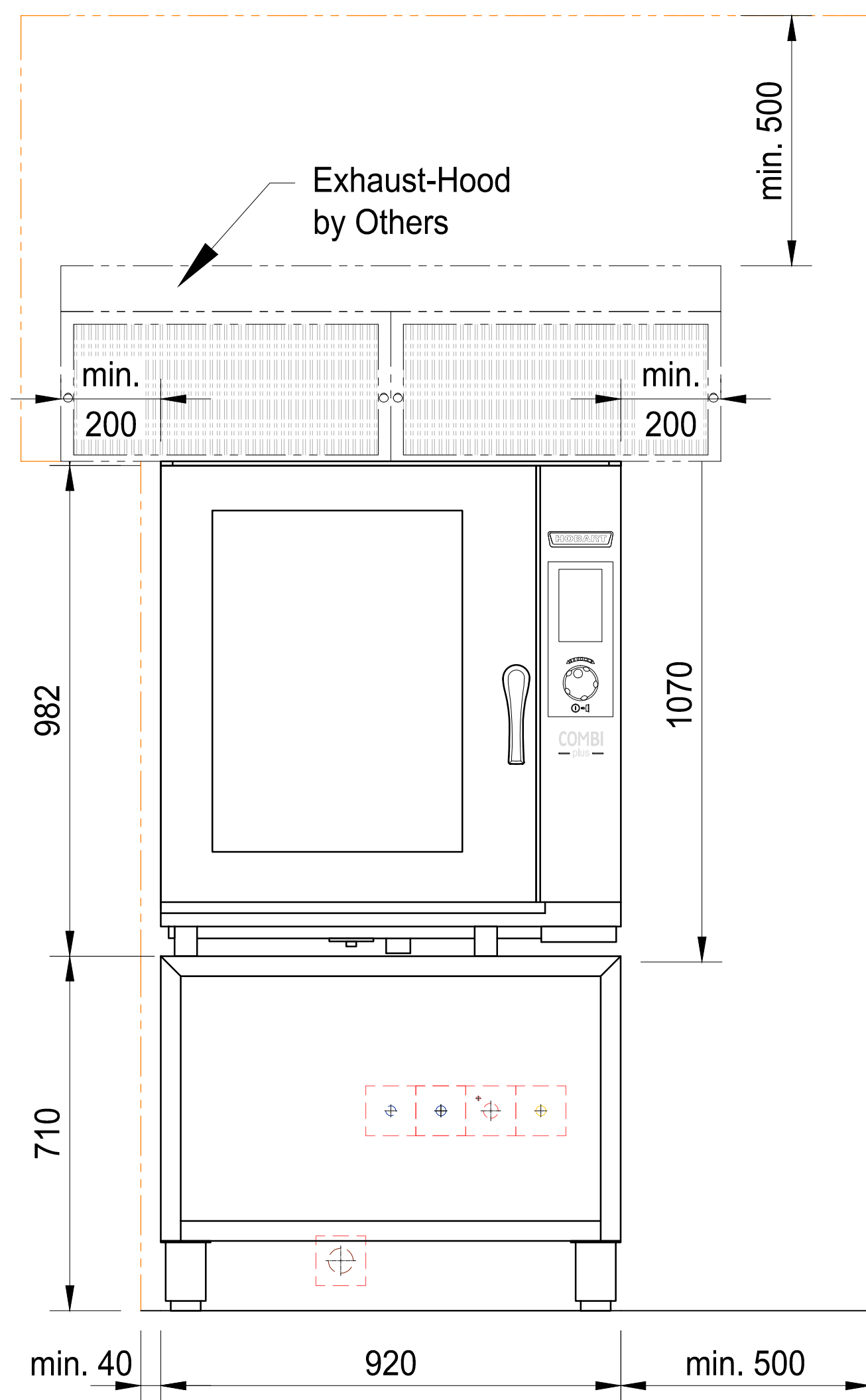




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GENERAL LEGEND

AW	= drain water	KW	= cold water	üOKFF	= above finished floor
Dat	= dataline	KWw	= cold water soft	SFB	= separate filling-boiler
EZ	= power line (supply)	LR	= conduit Ø	VEW	= demineralized water
FD	= floor opening	CNS	= stainless steel (inox)	WD	= wall opening
HW-VL	= hot water flow	MK	= supply channell	WS	= wall slot
HW-RL	= hot water return	PA	= equipotential conductor	WW	= warm water
KB	= cored hole Ø	STL	= control line	WWw	= warm water soft

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GENERAL INFORMATION



Connections: The connection of the convection steamer to all services (e.g. electrical, water, drain, exhaust) must comply with all national and local codes of practice and must be carried out by qualified people.

Dimensions: Dimensions in the drawing are finished dimensions in Millimeters.

Transport: Minimum measurements of entry doors = outer largest dimension of machine height + 300mm; machine width + 400mm!

Shut-off valves: The Shut-off valves for the convection steamer must be provided by the customer.

Floor drain: Splash floor drains should be installed for machine cleaning and for general cleaning purpose.

Ventilation: The ventilation and exhaust for the room must be according to VDI 2052. Radiated heat emissions must be considered.

Installation: Installation in accordance to DIN EN 61770.

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Attention! Warning!



*Gas operation only permitted with exhaust hood and fresh air supply.
Must Comply with the installation and operating instructions!*

Machine-Type:				Convection Steamer COMBI-plus				Heating: Gas									
Model:		HPJ 102 G						Operation: Right									
Capacity:		10 GN2/1		Inner Space:		230 dm³		Main-Switch: by others									
required supply (by others) (all installations according to local regulations) (technical feasibility must be checked on site)																	
Gas	Total Load		Pressure		Consumption		Dimension		Connection		Location						
5.0	G31 Propane	23,0 kW		37± 4 / 50± 5 mbar		1,79 kg/h						400mm AFFL					
5.0	G30 Butane	23,0 kW		50± 5 / 28± 3 mbar		1,81 kg/h						400mm AFFL					
5.0	G25 Natural Gas	23,0 kW		20± 2 mbar		2,76 m³/h						400mm AFFL					
5.0	G20 Natural Gas	23,0 kW		20± 2 / 25± 3 mbar		2,43 m³/h						400mm AFFL					
Electrical		Voltage		Frequency		Structure		Fuse		Total Load		Location					
3.7	PA	Equipotential										400mm AFFL					
3.0	EZ	230 V		50 Hz		1-N-PE		3 x 10 A		0,3 kW		400mm AFFL					
Water		Consumption		Temp.		Chloride / Chlorine		Hardness		Conductance		Dimension		Connection		Location	
2.0	AW			Drain Approx. 80°C		(Siphon provided by customer)						DN50		Drain pipe		100mm AFFL	
1.4	KW	min.5l/min		max.23°C		CL⁻ max.100mg/l Cl₂ max.0.2mg/l		0-3,76°e (0.5mmol/l)		min.20µS/cm		DN20		G ¾ male		400mm AFFL	
1.1	KWw																
Water treatment: Generally we recommend the use of the demineralisation HYDROLINE STEAM CD at> 3°d																	
Flow-Pressure provided min. 1,5 bar / 21,7 psi - max. 6,0 bar / 87,0 psi (above 6,0 bar must be lowered with a pressure reducer, below 1,5 bar need collutting with service)																	
machine-side connentions and data																	
WR = vapors exit / Location: upper edge machine								DA = Steam exit / Location: upper edge machine									
EZ = Power input / Location: lower edge machine						AW = Drain / Location: lower edge machine						KWw/KW / Location: lower edge machine					
Heat-Radiation (thermal output to the room)																	
latent: 2,8 kW								sensibel: 1,8 kW									

-	-	-	-
Index	Änderungen / Changes	Datum / Date	Name

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HOBART

HOBART GmbH
Robert-Bosch-Straße 17
77656 Offenburg, Germany

Tel.: +49(0)781.600-0
Fax.: +49(0)781.600-2319
www.hobart.de

Datum / Date: 10.10.2019	Project:		
Gezeichnet / Drawn by: J.Boschert			
Geprüft / Checked by: -			
Projectmanager:	Maßstab / Scale: 1:20 @ A3	Order-No.:	Zeichnungsnummer / Drawing-No.:

