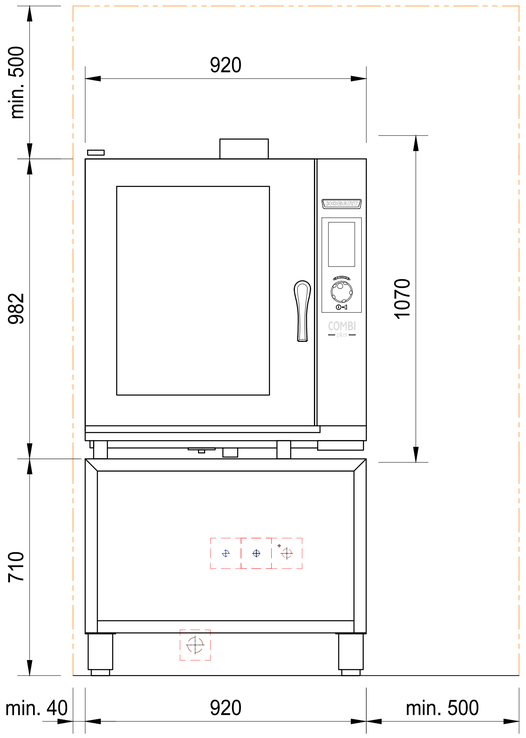

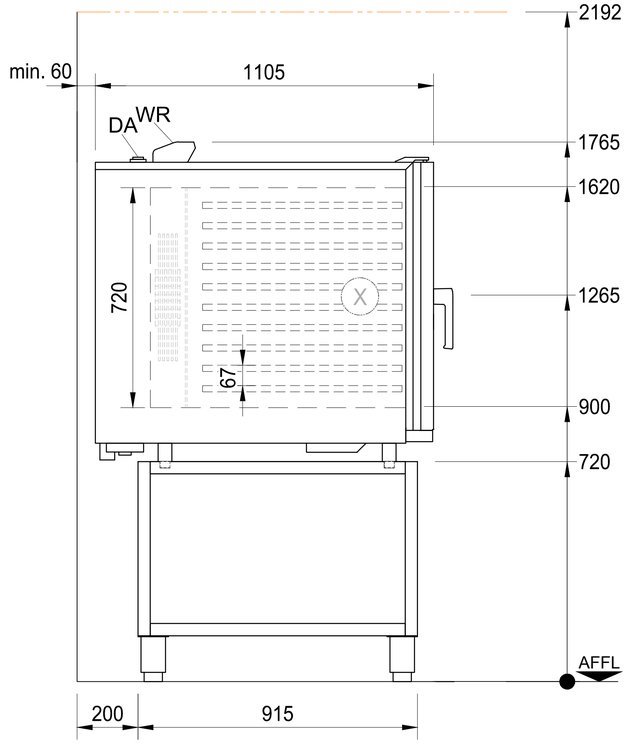

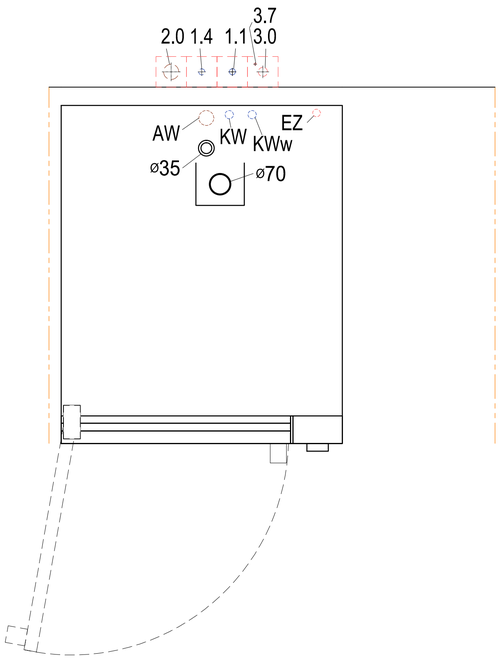

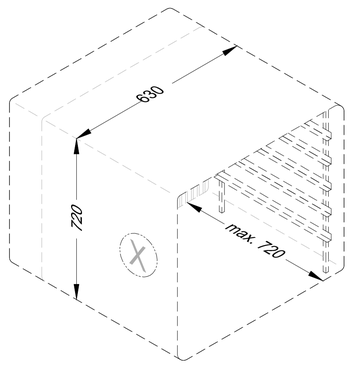

GENERAL LEGEND

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 chanell	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

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.

Machine-Type:	**Convection Steamer COMBI-plus**				**Heating: Electrical**
Model:	**HPJ 102 E**				**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)

Electrical		Voltage	Frequency	Structure	Fuse	Total Load		Location
3.7	PA	Equipotential						400mm AFFL
3.0	EZ	400 V	50 Hz	3-N-PE	3 x 50 A	24,3 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 Cl_2 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 collulting 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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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.: