



## GENERAL LEGEND

AW	=	drain water	KW	=	cold water	AFFL	=	above finished floor level
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



## GENERAL INFORMATION



**Connections:** The connection of the dishwasher 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.

**Attention:** If the dishwasher has a frequency inverter included and is connected after a RCD (FI PROTECTIVE SWITCH), this must be AC/DC sensitive type B.

**Exhaust:** A frost-protection flap is recommended if the exhaust air from the machine is ducted directly outside. If an exhaust hood is installed on top of the dishwasher, an airgap of min. 150mm needs to be maintained. Operational fluctuations can lead to a temporary higher exhaust temperature and humidity (VDI 2052)

**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 isolating valves for rinse water, tank filling or demi-rinse are to be supplied by others.

**Wash result:** A streak free result is achievable with low mineral concentration of the rinse water only (see caption "water/conductivity"). If necessary a de-mineralization system should be installed.

**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.

Machine-Type:						Dishwasher		Heating: Electrical									
Model:						PROFI TLW-10A				Operation: R/L/R							
Rack size: 500 x 500				Loading height: 440 / 235 (175)				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 25 A		13,6 kW		400mm AFFL					
Water		Consumption		Temp.		Hardness		Conductance		Dimension		Connection		Location			
2.0	AW			Drain (Siphon provided by customer) / (max. drain height 750mm)						DN50		Drain pipe		400mm AFFL			
1.0	KWw	* 2.0 l / Rack		min. 10 °C max. 60°C		max. 3,75°e (0,5mmol/l) / 80µS/cm required water flow min. 5l/min				DN20		G ¾ male		400mm AFFL			
		** 2.5 l / Rack															
		30.0 l (Filling)															
* Upper Level				** Lower Level													
Water-Flow-Pressure provided by customer min. 0,5 bar / 7,3 psi - max. 10 bar / 145 psi (Installation in accordance to DIN 1988!)																	
machine-side connentions and data																	
CH Supply hose for detergent						2000 mm		CH Supply hose for rinse aid, (blue marking)						2000 mm			
EZ Power cord				2500 mm		AW Drain hose ID20 / OD25				2000 mm		KWw Supply hose R¾				2000 mm	
Heat-Radiation of the machine (thermal output to the room)																	
washware:				2,6 kW		latent:				0,3 kW		sensible:				1,1 kW	

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

Das Urheberrecht an dieser Zeichnung verbleibt bei der HOBART GmbH.  
Jede nicht von uns schriftlich genehmigte Benutzung, Vervielfältigung, Überlassung an Dritte ist strafbar und macht schadensersatzpflichtig.

This document contains proprietary and confidential data of HOBART GmbH. No disclosure, reproduction or use of any part there of may be made without written permission of HOBART GmbH.



HOBART GmbH  
Robert-Bosch-Straße17  
77656 Offenburg, Germany

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

Datum / Date: 13.08.2019	Project:			
Gezeichnet / Drawn by: J.Boschert				
Geprüft / Checked by:				
Projectmanager:	Maßstab / Scale: 1:25 @ A3	Order-No.:	Zeichnungsnummer / Drawing-No.:	