

HOBART

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 channel	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

HOBART

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.

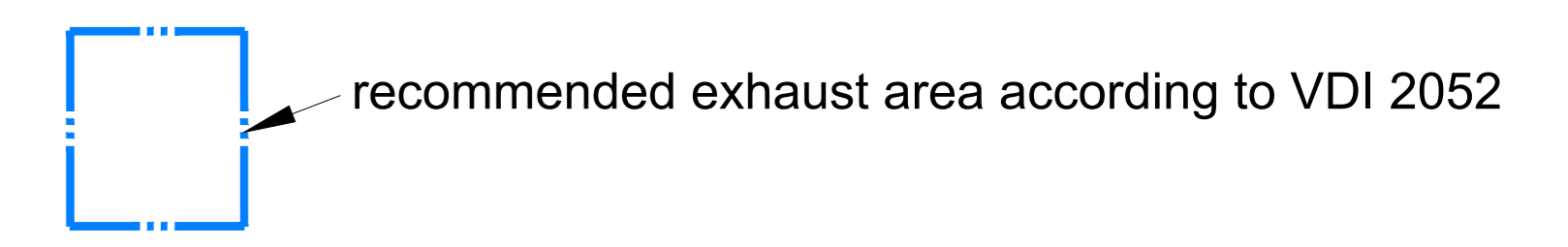
Control- and data lines: We recommend a conduit DN50 for control-lines in the area of the electrical connection (see caption).

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.

Heat pump: The correct functionality of heat pumps can only be guaranteed at a minimum room temperature of 18°C.

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:		Rack-Type-Dishwasher				Heating: Electrical	
Model:	PROFI CS	E-A, C12		Operation: Right / Left		Main-Switch: Built in Machine	
Usable-Width:	510	Usable-Height: 440					
required supply (by others) (all installations according to local regulations) (technical feasibility must be checked on site)							
Exhaust CLIMATE		Volume	Temp.	Rel. Humidity	Pressure	(under continuous operation)	
On Site *		800 m³/h	--	--	--		
Machine **		600 m³/h	32-34 °C	95 % rF	ca. 0 Pa		
* Room ventilation must be according to VDI 2052. Radiated heat emission should be considered.							
** In line with VDI 2052 fluctuations in cold water and/or environmental temperatures can influence the exhaust temperature							
Electrical		Control and Data-Line				Free Cable End after EZ - 3m	
3.7	PA	Equipotential					
Electrical		Voltage	Frequency	Structure	Fuse	Total Load	Free Cable End after EZ - 3m
3.0	EZ	400 V	50 Hz	3-N-PE	3 x 63 A	30,0 kW	
Water		Consumption	Temp.	Hardness	Conductance	Dimension	Connection
2.1	AW	Drain Drip Water/Sink (Siphon provided by customer)		DN50		Drain pipe 400mm AFFL	
2.0	AW	Drain Drip Sink (Siphon provided by customer)		DN50		Drain pipe 400mm AFFL	
1.1	WWW	125 l (Filling)	60 °C	max. 3.75 clark (0.5mmol/l)	150-400µS/cm	DN20	G½ male 400mm AFFL
1.0	KWw	240 l/h	max. 25 °C	max. 3.75 clark (0.5mmol/l)	80-120µS/cm	DN20	G¾ male 400mm AFFL
Water-Flow-Pressure provided by customer min. 1,5 bar / 22 psi - max. 6,0 bar / 87 psi							
Heat-Radiation (thermal output to the room)							
washware:		5,4	kW	latent:		1,4	kW
				sensible:		3,2	kW
Index		Änderungen / Changes				Datum / Date Name	

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:	08.01.2018	Project:	
Gezeichnet / Drawn by:	R.Leonhardt	Order-No.:	
Geprüft / Checked by:		Zeichnungsnummer / Drawing-No.:	
Projectmanager:		Maßstab / Scale:	1:20