



FTT; C12 R/L - steam

Machine-Type:	Tray Washer		Heating:	Steam
Model:	FTT	FTT C12	Operation:	Right / Left
Usable-Width:	500	Usable-Height:	40	Main-Switch: Built in Machine
Chemical	conduit for chemical supply			Dimension: DN50, Position in mm: 100mm AFFL
Heating	Consumption		Dimension: DN25	Connection: G1" male, Position in mm: 50mm AFFL
5.1	Condensate	42 kg/h	DN25	G1" male
5.0	Steam	87640 kJ/h	DN25	G1 (welding fitting)
Steam-Flow-Pressure provided by customer: 0,5-1,0 bar				
Exhaust	Volume	Temp.	Rel. Humidity	Pressure
4.0	800 m³/h	33°C	90-98%	ca. 0 Pa, Ø301 (internal)
Exhaust	Control and Data-Line			Extended-Length
3.7	Equipotential	min. 1x6mm² provided by customer		3m reserve
3.5	Malfunction-Sensor	5x1,5 mm²	STL	3m reserve
3.4	Exhaust	3x1,5 mm²	STL	3m reserve
3.3	Dosage-System	7x1,5 mm²	STL	3m reserve
Exhaust	Voltage	Frequency	Supply	Fuse
3.0	400 V	50 HZ	3-N-PE	3x25 A
				Cross-Section: 5x4 mm², Power: 10,0 kW, Extended-Length: 3m reserve
Water	Consumption	Temp.	Hardness	Conductance
2.0	105 l (Filling)	50-60 °C	max.7°d (1,2mmol/l)	150-400µS/cm
1.1	WWw	200 l/h	12 °C	0-3°d (0,5mmol/l)
				80-120µS/cm
1.0	KWw			
Water-Flow-Pressure provided by customer: min.1,5 bar / 22 psi				
Heat-Radiation (thermal output to the room)				
	washware	6,5 kW	latent	2 kW
			sensibel	4,6 kW

HOBART GENERAL INFORMATION

Installation: All installations should always comply with all national and local codes of practice.

Exhaust: A frost-protection flap is recommended if the exhaust air from the machine is exterior ducted.

Transport: Minimum measurements of entry doors for machine assembly = outer measurements of largest machine + 300mm in height, + 400mm in width!

Aeration: The ventilation and exhaust for the room must be interpreted according to local by-laws

Heat pump: Proper working order can only be ensured by room temperature above 18°C.

Shut-off valves: The shut-off valves for rinse water, tank filling or demi-rinse are supplied by others.

Control- and data lines: We recommend a conduit for control-lines in the area of the electrical connection.

Washing result: A spotless cleaning results can be achieved only with low mineral content of the rinse water. We recommend a conductance of about 80µS/cm.

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

Steam- connections: The in-house steam-flow piping must be equipped with condensate drainage prior to the HOBART steam-connection. The in-house condensate piping must be pressure less and able to absorb all HOBART condensate.

HOBART GENERAL LEGEND

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|-----------------------------|--------------------------------|------------------------------|
| AW = drain water (CNS) | KW = cold water | üOKFF = above finished floor |
| Dat = dataline | KWw = cold water soft | UK = lower edge |
| EZ = power line 230V / 400V | 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 | PE = equipotential conductor | WW = warm water |
| ND = low pressure steam | STL = control line | WWw = warm water soft |
| Kond. = condensate | KB = cored hole Ø | |

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Datum / Date:	2012 / AUGUST	Project:	TRAY WASHER FTT HEAT RECOVERY SYSTEM C12 STEAM HEATED		
Gezeichnet / Drawn by:	WH	Maßstab / Scale:	1:20	Order-No.:	
Geprüft / Checked by:	W: Neumaier	Zeichnungsnummer / Drawing-No.:	14 FTT C12 - steam RL		
Projectmanager:					