



# FTT; THP L/R - electric

<b>Machine-Type:</b>	Tray Washer		<b>Heating:</b>	Electric
<b>Model:</b>	FTT	FTT; THP	<b>Operation:</b>	Left / Right
<b>Usable-Width:</b>	500	<b>Usable-Height:</b>	40	<b>Main-Switch:</b> Built in Machine
<b>Chemical</b>	conduit for chemical supply			Dimension: DN50, Position in mm: 100mm AFFL
<b>Exhaust</b>	Volume: 350 m³/h	Temp: 18-22°C	Rel. Humidity: 90-98%	Pressure: ca. 0 Pa
<b>Exhaust</b>	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
<b>Exhaust</b>	Voltage: 400 V	Frequency: 50 HZ	Supply: 3-N-PE	Fuse: 3x50 A, Cross-Section: 5x10 mm², Power: 27,0 kW, Extended-Length: 3m reserve
<b>Water</b>	Consumption: 200 l/h	Temp: 12 °C	Hardness: 0-3°d (0,5mmol/l)	Conductance: 150-400µS/cm, Dimension: DN20, Connection: G3/4" male, Position in mm: 100mm AFFL
2.0	Drain (Siphon provided by customer)			DN50, Drain pipe, 50mm AFFL
1.1	WWw	105 l (Filling)	50-60 °C	max.7°d (1,2mmol/l), 150-400µS/cm, DN20, G3/4" male, 100mm AFFL
1.0	KWw	200 l/h	12 °C	0-3°d (0,5mmol/l), 80-120µS/cm, DN20, G3/4" male, 100mm AFFL

Water-Flow-Pressure provided by customer: **min. 1,5 bar / 22 psi**

Heat-Radiation (thermal output to the room): washware 5,8 kW, latent 1,3 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**

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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Index Änderungen / Changes Datum / Date Name

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**HOBART** Angebot  Quotation  
Auftrag  Order

Datum / Date: 2012 / AUGUST  
Gezeichnet / Drawn by: WH  
Geprüft / Checked by: W: Neumaier  
Projectmanager:

Project: TRAY WASHER FTT  
HEATPUMP THP  
ELECTRIC HEATED

Maßstab / Scale: 1:20  
Order-No.:  
Zeichnungsnummer / Drawing-No.: 21 FTT THP - elec. LR