

WASHER/DISINFECTOR MODEL WD750L - TECHNICAL SPECIFICATIONS					ITEM: X1	
REQUIRED INPUTS						
Symbol	Description	Value	Utility Notes	Connection Method	Final Utility Conn. By:	
					Others	Belimed
SS	Utility:	Steam Supply	Steam must be dry, saturated, free from all impurities such as gases, oil, dirt, or other contaminants. Provide steam strainer with #100 mesh size. All steam drops must be piped from top of steam supply line.	Hard Pipe	X	
	Connection Size/Type:	1.0 Inch / MNPT				
	Pressure:	Min: 40.0 psig Max: 50.0 psig				
	Peak Consumption:	17.0 lbs/min				
	*Consumption per Load:	110.0 - 154.0 lbs				
HW	Utility:	Hot Water	Water must be softened to 0-60 ppm. Minimum water temperature is 120°F. (Colder HW temperature will result in longer cycles and higher steam consumption).	Flex		X
	Connection Size/Type:	1.0 inch / MNPT				
	Pressure:	Min: 30.0 psig Max: 50.0 psig				
	Cart Cycle					
	Peak Consumption:	13.2 gal/min				
	*Consumption per Load:	55.0 gal				
	Instrument Cycle					
	Peak Consumption:	13.2 gal/min	*HW for both Cart and Instrument Cycles*			
	*Consumption per Load:	84.0 gal				
CW	Utility:	Cold Water	Water must be softened to 0-60 ppm. *CW for Instrument Cycle only*	Flex		X
	Connection Size/Type:	1.0 inch / MNPT				
	Pressure:	Min: 30.0 psig Max: 50.0 psig				
	Peak Consumption:	13.2 gal/min				
	*Consumption per Load:	42.0 gal				
DI	Utility:	Deionized Water	Deionized (DI) or Reverse Osmosis (RO) used with a conductivity of less than or equal to 15µS/cm. Slower flow rates will result in longer cycle times. *DI for Instrument Cycle only*	Flex		X
	Connection Size/Type:	1.0 inch / MNPT				
	Pressure:	Min: 30.0 psig Max: 50.0 psig				
	Peak Consumption:	13.2 gal/min				
	*Consumption per Load:	42.0 gal				
EL	Utility:	Electric	208V, 3 phase, 60 Hz, 25A circuit protection with straight blade receptacle: NEMA 15-30R; Grainger part No. 5Z889	Receptacle		X
	Connection Type:	Junction box w/receptacle				
	Voltage (Phase):	3 Phase				
	Voltage (Nominal):	208 VAC				
	Voltage (Frequency):	60 Hz				
	Circuit Protection:	25 Amps				
	Peak Consumption:	20 Amps				
	*Consumption per Load:	1-2 kW-h				
CA	Utility:	Compressed Air	Air must be dry and oil free. CA is used for pneumatic controls.			X
	Connection Size/Type:	1/4 Inch / MNPT				
	Pressure:	Min: 90.0 psig Max: 110.0 psig				
	Peak Consumption:	7.1 CFM				
	*Consumption per Load:	8.8 CF				
DP	Utility:	Data Port	Location: Preferred Ethernet port location is in the enclosed service area of the washer/disinfector or within 5 ft of machine			X
	Connection Type:	RJ45 Receptacle				
	Connection Quantity:	One (1) RJ45 Ethernet port per mach.				
	Facility Wiring:	Cat-5 or better				
	Final Connection:	Patch cables for final conn. provided				
	Port IP Setup:	Each RJ45 requires static IP address				
ESTIMATED EMISSIONS						
CD	Utility:	Condensate	Condensate removal by customer per local code. Arising condensate has to be returned without pressure.	Hard Pipe	X	
	Connection Size/Type:	1.0 Inch / MNPT				
DR	Utility:	Open Drain	Provide floor sink or trench drain and trap.	4" Copper	X	
	Drain Outlet:	4.0 Inch				
	Discharge Flow Rate:	50.0 gal/min				
	Connection Type:	Indirect Drain				
EX	Medium:	Air Exhaust	Duct should be pitched back to unit. Duct materials: Galvanized steel, polyethyle, and stainless steel. Belimed to provide exhaust adapter. Manual damper to be provided by others.	Rigid Duct Fitting	X	
	Connection Size:	12.0 Inch				
	Peak Flow Rate:	1059.0 CFM				
	Minimum Duct Diameter:	10.0 Inch				
	Medium:	Heat Radiation	Equipment room heat radiation will vary due to steam pipe insulation by others.			
	Load side radiation:	700 W				
	Unload side radiation:	700 W				
	Equip. room radiation:	2500 W				
	Total radiation:	6400 W				
	Medium:	Noise Radiation				
	Maximum Radiation(Net):	< 70 dBA				
PHYSICAL SPECIFICATIONS						
	Parameter:	Carry-In Dimensions ¹	Usable Chamber Dim.	¹ Largest item to be carried in is sump pan.		
	Height:	6.5 in	79.0 in			
	Width:	47.3 in	32.3 in			
	Length:	126.0 in	116.0 in			
	Parameter:	Weights				
	Operating Weight:	6684.0 lbs	Operating Weight = Machine + Water + Two Carts			
	OSHPD NUMBER:	OPM-0498-13				
<p>*Values are for a Normal Cycle".</p> <p><u>Additional Information:</u></p> <p>MNPT = Male Pipe Thread</p> <p>For alternate utility connections, please contact Belimed.</p> <p>Others must provide back flow prevention for water supply.</p> <p>Others must provide service valves for steam and water supply, and recommended steam pressure gauge.</p> <p>All utility supplies and connections are to be provided by others, per local code.</p> <p>Belimed recommends for others to apply a liquid waterproof membrane to pit or area underneath washer/disinfector.</p> <p>Pit dimensions are the required finished measurements including the application of any liquid waterproofing membrane.</p>						
TS-WD750L_RevD						