

UW565D ULTRASONIC CLEANER - TECHNICAL SPECIFICATIONS

REQUIRED INPUTS

Symbol	Description	Value	Utility Notes	Connection Method	Final Utility Conn. By:	
					Others	Belimed
HW-X	Utility:	Hot Water	Hot water must have a total hardness less than 85 ppm. Temperature range of 100° to 140°F. Maximum consumption per load based on 5 minute rinse cycle at maximum flow rate.			
	Mixing Valve Connection Size/Type:	1 Inch / SWEAT		1" Copper Pipe	X	
	Unit Connection Size/Type:	3/4 Inch / GHT				
	Pressure:	Min: 40 Max: 60 psig		Flex		X
	Peak Consumption:	17.4 gal/min				
	*Consumption per Load:	Min: 0 gal / Max: 66 gal				
CW-X	Utility:	Cold Water	Cold water must have a total hardness less than 170 ppm.			
	Mixing Valve Connection Size/Type:	1 Inch / SWEAT		1" Copper Pipe	X	
	Unit Connection Size/Type:	3/4 Inch / GHT				
	Pressure:	Min: 40 Max: 60 psig		Flex		X
	Peak Consumption:	3.2 gal/min				
	*Consumption per Load:	Min: 1.0 Max: 1.0 gal				
DI-X	Utility:	Deionized Water	DI Rinse Connection - Maximum consumption per load based on 2 minute rinse cycle at maximum flow rate.			
	Connection Size/Type:	1/2 Inch / FNPT		Flex		X
	Pressure:	Min: 20 Max: 60 psig				
	Operating Consumption:	Min: 0.0 Max: 7.4 gal/min				
EL-X	*Consumption per Load:	Min: 0.0 Max: 14.8 gal	Junction Box with Receptacle NEMA L14-20R to NEC local codes.	Receptacle		
	Utility:	Electric				X
	Connection Type:	Receptacle				
	Voltage (Phase):	1 Phase				
	Voltage (Nominal):	208 VAC (4 Wire)				
	Circuit Protection:	20 Amps				
	Peak Consumption:	14 Amps				
	Power Consumption per Load:	Min. 0.6 Max 0.7 kW-h				

ESTIMATED EMISSIONS

DR-X	Utility:	Open Drain	Provide floor/sink and trap, to accommodate maximum discharge rate. Optional Drain pump assembly with 1/2" GHT connection for areas with wall drain location or floor drain located greater than 12 feet from unit.	1-1/2" Copper Pipe	X	
	Connection Size/Type:	1 1/2 Inch / Indirect Drain				
	Discharge Flow Rate:	21.0 gal/min				
	Medium:	Noise Radiation				
	Maximum Radiation (Net):	80 dBA				

PHYSICAL SPECIFICATIONS

	Parameter:	Carry-In Dimensions	Machine alone (i.e. removed from packaging)
	Height:	53.5 Inch	
	Width:	42 Inch	
	Length:	27 Inch	
	Parameter:	Weights	Transport Weight = Machine + Crating
	Transport Weight:	550 lbs	
	Operating Weight:	680 lbs	
	OSHPD Number:	OPM-0219-13	Operational Wt = Machine + Tray + Water + Instruments

* Values are for an "Instruments - General Cycle". Values will vary with load size, utility inputs, and cycle setup.

Additional Information:

GHT = Garden Hose Thread

FNPT = Female Pipe Thread

Output connection on mixing valve is 3/4" GHT, by others.

All utility supplies and connections are to be provided by others, per local code.

TS-UW565D_RevH

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HW-X	Utility:	Hot Water	Hot water must have a total hardness less than 85 ppm. Temperature range of 100° to 140°F. Maximum consumption per load based on 5 minute rinse cycle at maximum flow rate.			
	Mixing Valve Connection Size/Type:	1 Inch / SWEAT		1" Copper Pipe	X	
	Unit Connection Size/Type:	3/4 Inch / GHT				
	Pressure:	Min: 40 Max: 60 psig		Flex		X
	Peak Consumption:	17.4 gal/min				
	*Consumption per Load:	Min: 0 gal / Max: 66 gal				
CW-X	Utility:	Cold Water	Cold water must have a total hardness less than 170 ppm.			
	Mixing Valve Connection Size/Type:	1 Inch / SWEAT		1" Copper Pipe	X	
	Unit Connection Size/Type:	3/4 Inch / GHT				
	Pressure:	Min: 40 Max: 60 psig		Flex		X
	Peak Consumption:	3.2 gal/min				
	*Consumption per Load:	Min: 1.0 Max: 1.0 gal				
DI-X	Utility:	Deionized Water	DI Rinse Connection - Maximum consumption per load based on 2 minute rinse cycle at maximum flow rate.			
	Connection Size/Type:	1/2 Inch / FNPT				
	Pressure:	Min: 20 Max: 60 psig		Flex		X
	Operating Consumption:	Min: 0.0 Max: 7.4 gal/min				
	*Consumption per Load:	Min: 0.0 Max: 14.8 gal				
EL-X	Utility:	Electric	Junction Box with Receptacle NEMA L14-20R to NEC local codes.			
	Connection Type:	Receptacle				
	Voltage (Phase):	1 Phase				
	Voltage (Nominal):	208 VAC (4 Wire)		Receptacle		X
	Circuit Protection:	20 Amps				
	Peak Consumption:	14 Amps				
	Power Consumption per Load:	Min. 0.6 Max 0.7 kW-h				

ESTIMATED EMISSIONS

DR-X	Utility:	Open Drain	Provide flush mounted floor sink and trap per local code.	1-1/2" Copper Pipe	X	
	Connection Size/Type:	1 1/2 Inch / Indirect Drain				
	Discharge Flow Rate:	21.0 gal/min				
	Medium:	Noise Radiation				
	Maximum Radiation (Net):	80 dBA				

PHYSICAL SPECIFICATIONS

	Parameter:	Carry-In Dimensions	Machine alone (i.e. removed from packaging)
	Height:	53.5 Inch	
	Width:	42 Inch	
	Length:	27 Inch	
	Parameter:	Weights	Transport Weight = Machine + Crating
	Transport Weight:	550 lbs	
	Operating Weight:	680 lbs	
	OSHPD Number:	OPM-0219-13	Operational Wt = Machine + Tray + Water + Instruments

* Values are for an "Instruments - General Cycle". Values will vary with load size, utility inputs, and cycle setup.

Additional Information:

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HW-X	Utility:	Hot Water	Hot water must have a total hardness less than 85 ppm. Temperature range of 100° to 140°F. Maximum consumption per load based on 5 minute rinse cycle at maximum flow rate.	1" Copper Pipe	X	
	Mixing Valve Connection Size/Type:	1 Inch / SWEAT				
	Unit Connection Size/Type:	3/4 Inch / GHT		Flex		X
	Pressure:	Min: 40 Max: 60 psig				
	Peak Consumption:	17.4 gal/min				
	*Consumption per Load:	Min: 0 gal / Max: 66 gal				
CW-X	Utility:	Cold Water	Cold water must have a total hardness less than 170 ppm.	1" Copper Pipe	X	
	Mixing Valve Connection Size/Type:	1 Inch / SWEAT				
	Unit Connection Size/Type:	3/4 Inch / GHT		Flex		X
	Pressure:	Min: 40 Max: 60 psig				
	Peak Consumption:	3.2 gal/min				
	*Consumption per Load:	Min: 1.0 Max: 1.0 gal				
DI-X	Utility:	Deionized Water	DI Rinse Connection - Maximum consumption per load based on 2 minute rinse cycle at maximum flow rate.	Flex		X
	Connection Size/Type:	1/2 Inch / FNPT				
	Pressure:	Min: 20 Max: 60 psig				
	Operating Consumption:	Min: 0.0 Max: 7.4 gal/min				
	*Consumption per Load:	Min: 0.0 Max: 14.8 gal				
EL-X	Utility:	Electric	Junction Box with Receptacle NEMA L14-20R to NEC local codes.	Receptacle		X
	Connection Type:	Receptacle				
	Voltage (Phase):	1 Phase				
	Voltage (Nominal):	208 VAC (4 Wire)				
	Circuit Protection:	20 Amps				
	Peak Consumption:	14 Amps				
	Power Consumption per Load:	Min. 0.6 Max 0.7 kW-h				

ESTIMATED EMISSIONS

DR-X	Utility:	Wall Drain	Drain pump assembly for areas with wall drain location or floor drain located greater than 12 feet from unit.	1/2" Copper Pipe	X	
	Connection Size/Type:	1/2 Inch GHT				
	Discharge Flow Rate:	13.3 - 14.0 gal/min (Variable)				
	Medium:	Noise Radiation				
	Maximum Radiation (Net):	80 dBA				

PHYSICAL SPECIFICATIONS

	Parameter:	Carry-In Dimensions	Machine alone (i.e. removed from packaging)
	Height:	53.5 Inch	
	Width:	42 Inch	
	Length:	27 Inch	
	Parameter:	Weights	Transport Weight = Machine + Crating
	Transport Weight:	550 lbs	
	Operating Weight:	680 lbs	
	OSHPD Number:	OPM-0219-13	Operational Wt = Machine + Tray + Water + Instruments

* Values are for an "Instruments - General Cycle". Values will vary with load size, utility inputs, and cycle setup.

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