

**Belimed**  
**Infection Control**

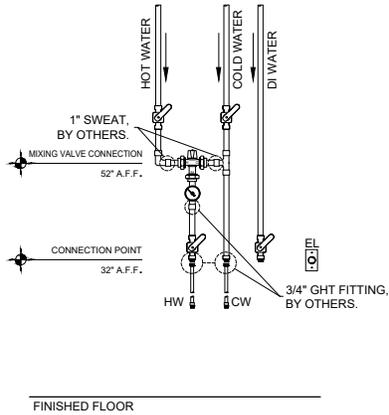
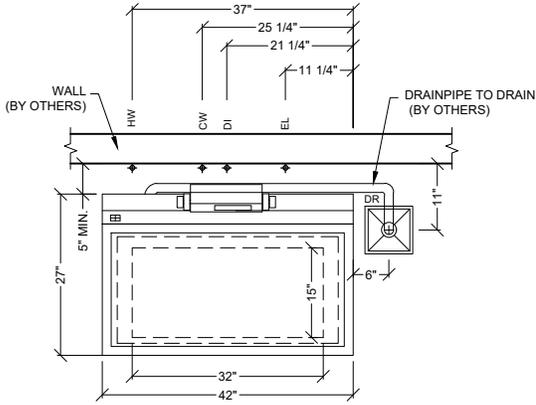
1535 Hobby Street, Charleston, SC 29405  
 Tel: (800) 457-4117 Web: www.belimed.com

**UW565D**  
 ULTRASONIC CLEANER

3D VIEW Typical installation of a UW565D ultrasonic cleaner.	Dwg. No. :	CUT-UW565D	Rev. :	G
	Drawn By :	A. JONES	Date :	1/22/18
	Scale :	N.T.S.	Page :	1 of 3

**LEGEND**

 — SERVICE SHUT-OFF VALVE, BY OTHERS



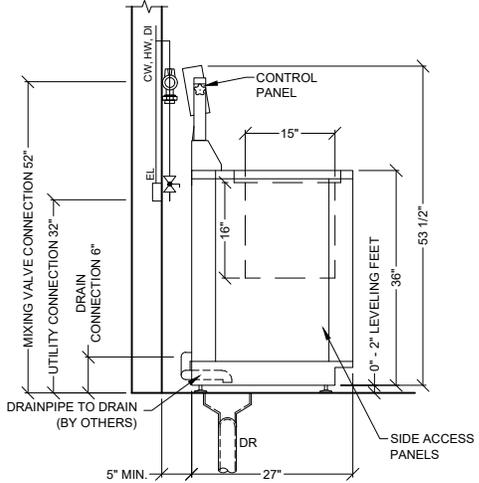
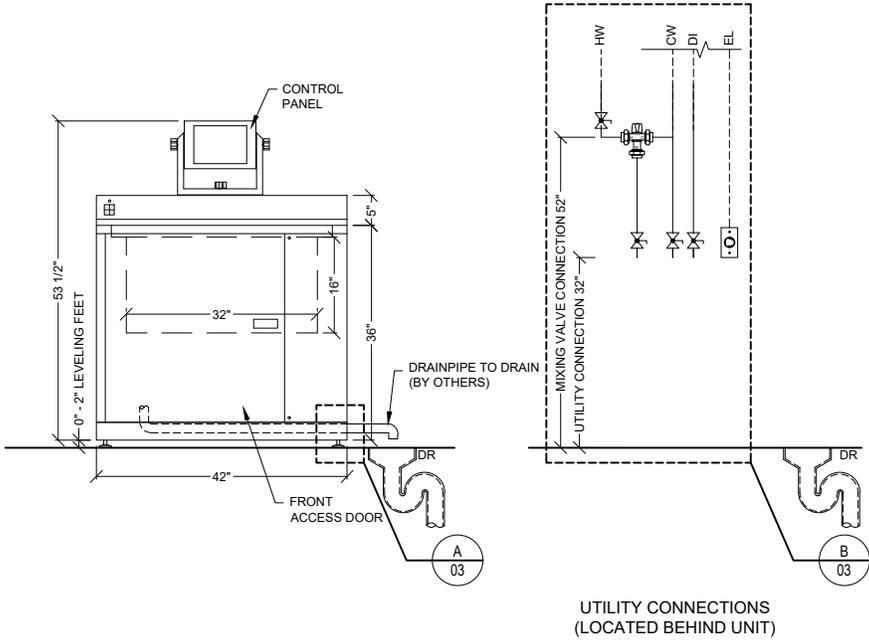
-  MANUAL SERVICE VALVE, BY OTHERS.
-  RECOMMENDED MIXING VALVE, PROVIDED BY BELIMED (IF PURCHASED), INSTALLED BY OTHERS.

1. REFER TO EQUIPMENT PLUMBING, MECHANICAL AND ELECTRICAL PLANS FOR UTILITY LOCATIONS.
2. SEE TECHNICAL SPECIFICATIONS FOR UTILITY SIZING, INPUT REQUIREMENTS, AND FINAL CONNECTIONS.

\*MIXING VALVE IS INSTALLED TO ACHIEVE CONTROLLED INCOMING HOT WATER TEMPERATURE, AS REQUIRED FOR DETERGENTS USED FOR PROCESSING ROBOTICS OR OTHER APPLICATIONS AS SPECIFIED BY INSTRUMENT MANUFACTURER IFU.

**TYPICAL PLAN VIEW**

**TYPICAL MIXING VALVE ASSEMBLY (N.T.S.)**



**TYPICAL FRONT ELEVATION**

**TYPICAL SIDE ELEVATION**

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TECHNICAL DRAWINGS Typical installation of a UW565D ultrasonic cleaner.	Dwg. No. :	CUT-UW565D	Rev. : G
	Drawn By :	A. JONES	Date : 1/22/18
	Scale :	3/8" = 1'	Page : 2 of 3

**UW565D ULTRASONIC CLEANER - TECHNICAL SPECIFICATIONS**

**REQUIRED INPUTS**

Symbol	Description	Value	Utility Notes	Connection Method	Final Utility Conn. By:	
					Others	Belimed
HW	<b>Utility:</b>	<b>Hot Water</b>	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	
	<b>Mixing Valve Connection Size/Type:</b>	1 Inch / SWEAT				
	<b>Unit Connection Size/Type:</b>	3/4 Inch / GHT				
	<b>Pressure:</b>	Min: 40 Max: 60 psig				
	<b>Peak Consumption:</b>	17.4 gal/min				
	<b>*Consumption per Load:</b>	Min: 0 gal / Max: 66 gal		Flex		X
CW	<b>Utility:</b>	<b>Cold Water</b>	Cold water must have a total hardness less than 170 ppm.	1" Copper Pipe	X	
	<b>Mixing Valve Connection Size/Type:</b>	1 Inch / SWEAT				
	<b>Unit Connection Size/Type:</b>	3/4 Inch / GHT				
	<b>Pressure:</b>	Min: 40 Max: 60 psig				
	<b>Peak Consumption:</b>	3.2 gal/min				
	<b>*Consumption per Load:</b>	Min: 1.0 Max: 1.0 gal		Flex		X
DI	<b>Utility:</b>	<b>Deionized Water</b>	DI Rinse Connection - Maximum consumption per load based on 2 minute rinse cycle at maximum flow rate.	Flex		X
	<b>Connection Size/Type:</b>	1/2 Inch / FNPT				
	<b>Pressure:</b>	Min: 20 Max: 60 psig				
	<b>Operating Consumption:</b>	Min: 0.0 Max: 7.4 gal/min				
	<b>*Consumption per Load:</b>	Min: 0.0 Max: 14.8 gal				
EL	<b>Utility:</b>	<b>Electric</b>	Junction Box with Receptacle NEMA L14-20R to NEC local codes.	Receptacle		X
	<b>Connection Type:</b>	Receptacle				
	<b>Voltage (Phase):</b>	1 Phase				
	<b>Voltage (Nominal):</b>	120/208 VAC (4 Wire)				
	<b>Circuit Protection:</b>	20 Amps				
	<b>Peak Consumption:</b>	14 Amps				
	<b>Power Consumption per Load:</b>	Min. 0.6 Max 0.7 kW-h				

**ESTIMATED EMISSIONS**

DR	<b>Utility:</b>	<b>Open Drain</b>	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	
	<b>Connection Size/Type:</b>	1 1/2 Inch / Indirect Drain				
	<b>Discharge Flow Rate:</b>	21.0 gal/min				
	<b>Medium:</b>	<b>Noise Radiation</b>				
	<b>Maximum Radiation (Net):</b>	80 dBA				

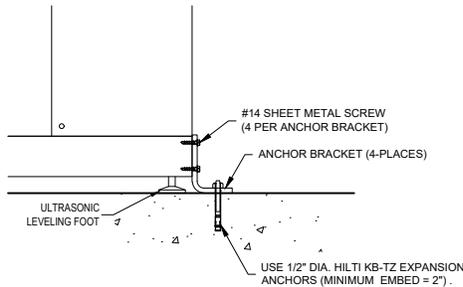
**PHYSICAL SPECIFICATIONS**

	<b>Parameter:</b>	<b>Carry-In Dimensions</b>	Machine alone (i.e. removed from packaging)
	<b>Height:</b>	53.5 Inch	
	<b>Width:</b>	42 Inch	
	<b>Length:</b>	27 Inch	
	<b>Parameter:</b>	<b>Weights</b>	Transport Weight = Machine + Crating
	<b>Transport Weight:</b>	550 lbs	
	<b>Operating Weight:</b>	680 lbs	
	<b>OSHPD Number:</b>	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\_RevG



TYPICAL SEISMIC ANCHORING (N.T.S.)

**NOTE:** OPTIONAL DRAIN PUMP ASSEMBLY AVAILABLE FOR AREAS WITH WALL DRAIN LOCATION OR FLOOR DRAIN LOCATED GREATER THAN 12' FROM UNIT. DISCHARGE RATE OF 13.3-14.0 GAL/MIN. CONNECTION SIZE 1/2" GHT.

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