

Belimed
Infection Control

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

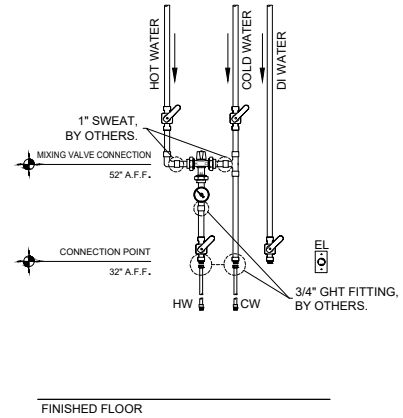
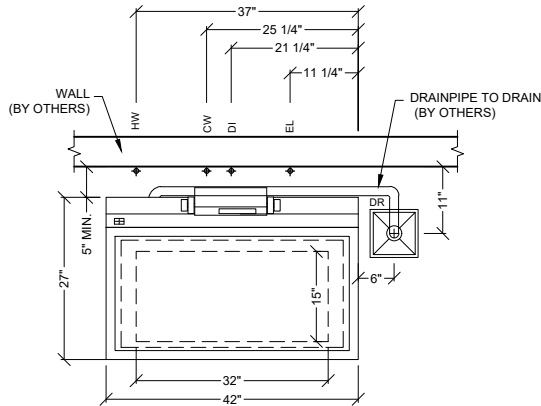
UW565D ULTRASONIC CLEANER

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.

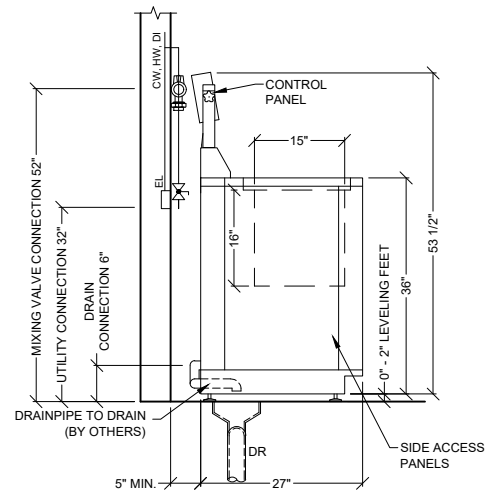
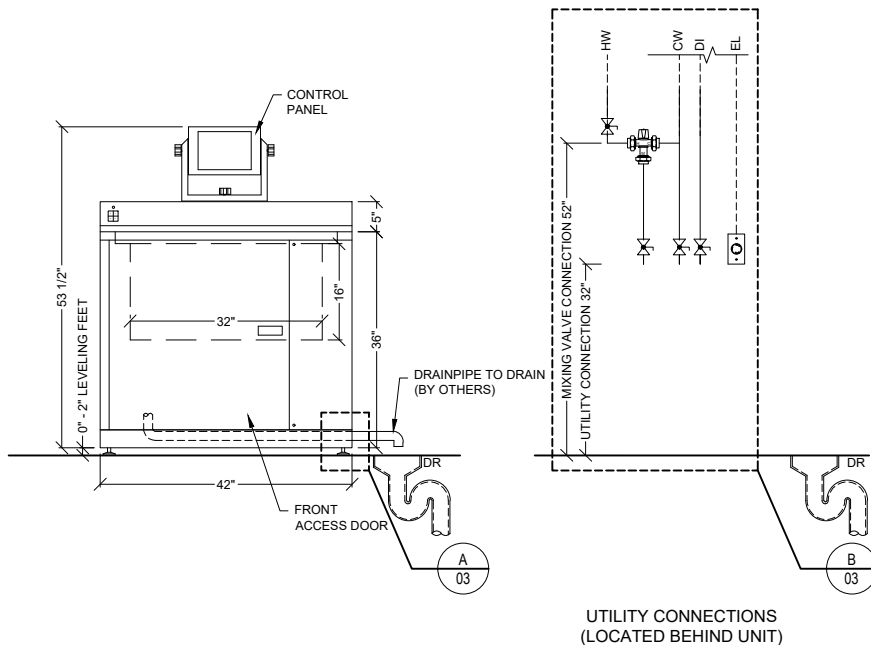
1. REFER TO EQUIPMENT PLUMBING, MECHANICAL AND ELECTRICAL PLANS FOR UTILITY LOCATIONS.

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	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	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	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	Utility:	Electric	Junction Box with Receptacle NEMA L14-20R to NEC local codes.	Receptacle		X
	Connection Type:	Receptacle				
	Voltage (Phase):	1 Phase				
	Voltage (Nominal):	120/208 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	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				

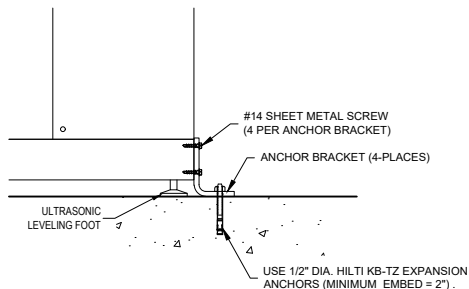
PHYSICAL SPECIFICATIONS

	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_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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	Scale :	NONE	Page :	3 of 3