

**Belimed**  
**Infection Control**

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

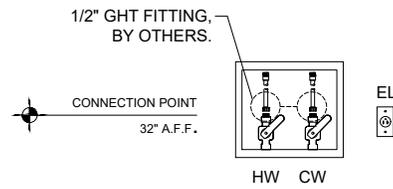
## 246RD

ULTRASONIC CLEANER (RINSE/DRY)

3D VIEW	Dwg. No. : CUT-246RD	Rev. : G
Typical installation of a 246RD ultrasonic cleaner.	Drawn By : A. JONES	Date : 1/22/18
	Scale : N.T.S.	Page : 1 of 3

# LEGEND

 — SERVICE SHUT-OFF VALVE, BY OTHERS

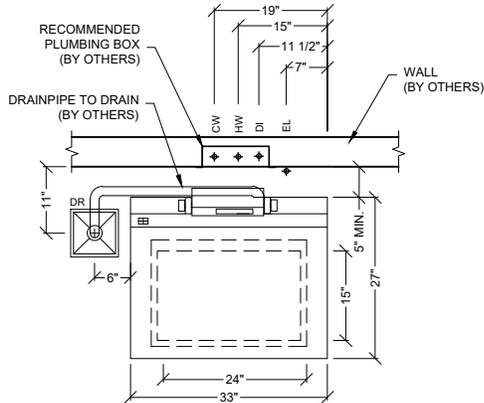


FINISHED FLOOR

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

2. SEE TECHNICAL SPECIFICATIONS FOR UTILITY SIZING, INPUT REQUIREMENTS, AND FINAL CONNECTIONS.

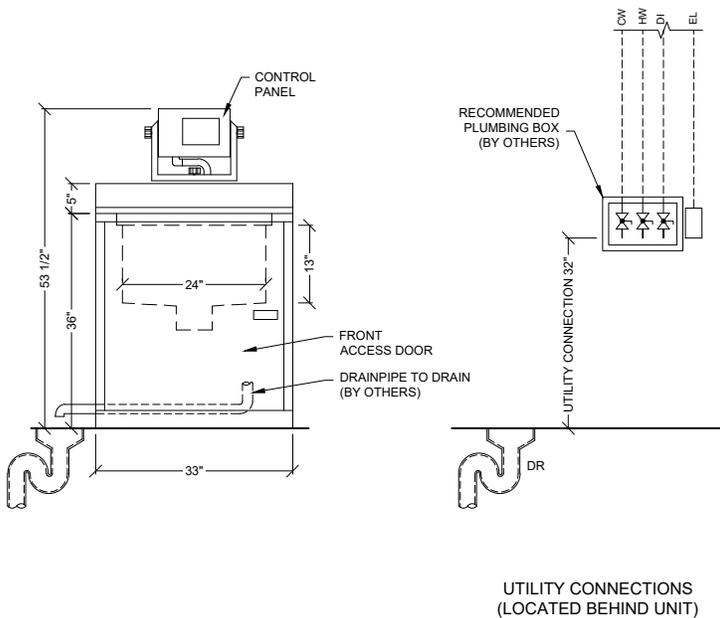
 MANUAL SERVICE VALVE, BY OTHERS.



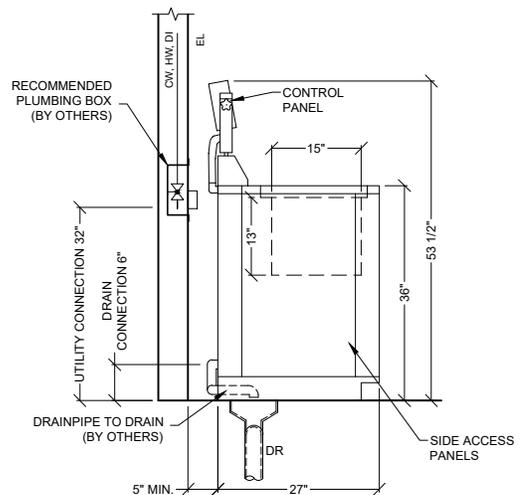
\*SEE UTILITY TECHNICAL SPECIFICATIONS ON PAGE 3.

PLAN VIEW

TYPICAL UTILITY DETAIL LAYOUT (N.T.S.)



FRONT ELEVATION



SIDE ELEVATION

**Belimed**  
Infection Control

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

**246RD**

ULTRASONIC CLEANER (RINSE/DRY)

TECHNICAL DRAWINGS  
Typical installation of a 246RD Ultrasonic Cleaner.

Dwg. No. :	CUT-246RD	Rev. :	G
Drawn By :	A. JONES	Date :	1/22/18
Scale :	3/8" = 1'	Page :	2 of 3

**246RD ULTRASONIC RINSE/DRYER - 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 load based on 5 minute rinse cycle at maximum flow rate	Flex		X
	<b>Connection Size/Type:</b>	1/2 Inch / GHT				
	<b>Pressure:</b>	Min. 40 Max. 60 psig				
	<b>Peak Consumption:</b>	7.4 gal/min				
	<b>*Consumption per Load:</b>	Min. 0 gal / Max. 37 gal				
CW	<b>Utility:</b>	<b>Cold Water</b>	Cold water must have a total hardness less than 170 ppm. Maximum consumption load based on 15 minute drying cycle at maximum flow rate	Flex		X
	<b>Connection Size/Type:</b>	1/2 Inch / GHT				
	<b>Pressure:</b>	Min. 40 Max. 60 psig				
	<b>Peak Consumption:</b>	1.8 gal/min				
	<b>*Consumption per Load:</b>	Min. 0.4 Max 27.4 gal				
DI (OPTIONAL)	<b>Utility:</b>	<b>Deionized Water</b>	Optional DI Rinse Connection - Maximum consumption per load based on 5 minute rinse cycle at maximum flow rate.	Flex		X
	<b>Connection Size/Type:</b>	1/2 Inch / MNPT				
	<b>Pressure (Minimum):</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. 37 gal				
EL	<b>Utility:</b>	<b>Electric</b>	Service disconnect provided by others per local code.	Hard Wired		X
	<b>Connection:</b>	Hard Wire within junction box				
	<b>Voltage (Phase):</b>	1 Phase				
	<b>Voltage (Nominal):</b>	120/208 VAC				
	<b>Circuit Protection:</b>	40 Amps				
	<b>Peak Consumption:</b>	26 Amps				
	<b>Power Consumption per Load:</b>	Min. 0.2 Max 5.5 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 <b>with 1/2" GHT</b> 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>	20.8 gal/min				
	<b>Medium:</b>	Noise Radiation				
	<b>Maximum Radiation (Net):</b>	80 dBA				

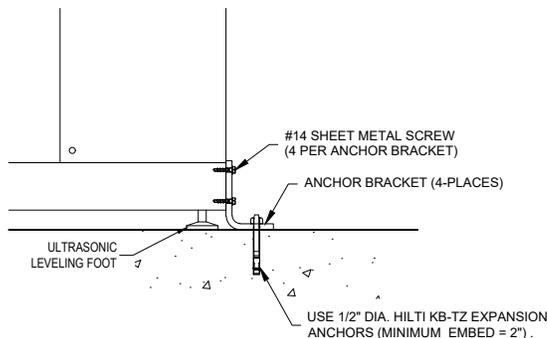
**PHYSICAL SPECIFICATIONS**

	<b>Parameter:</b>	<b>Carry-In Dimensions</b>	Machine alone (i.e. removed from packaging)
	<b>Height:</b>	53.5 Inch	
	<b>Width:</b>	33 Inch	
	<b>Length:</b>	28.5 Inch	
	<b>Parameter:</b>	<b>Weights</b>	Transport Weight = Machine + Crating
	<b>Transport Weight:</b>	400 lbs	
	<b>Operating Weight:</b>	360 lbs	
	<b>OSHPD Number:</b>	OPM-0219-13	Operational Wt = Machine + Tray + Water + Instruments

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

Additional Information:  
 GHT = Garden Hose Thread  
 MNPT = Male Pipe Thread  
 All utility supplies and connections are to be provided by others, per local code.

TS-246RD\_RevK



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.

**Belimed**  
**Infection Control**

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

**246RD**  
 ULTRASONIC CLEANER (RINSE/DRY)

TECHNICAL SPECIFICATIONS  
 Typical installation of a 246RD Ultrasonic Cleaner.

Dwg. No. :	CUT-246RD	Rev. :	G
Drawn By :	A. JONES	Date :	1/22/18
Scale :	NONE	Page :	3 of 3