

Belimed

Infection Control

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

246RD

ULTRASONIC CLEANER (RINSE/DRY)

3D VIEW

Typical installation of a 246RD ultrasonic cleaner.

Dwg. No. : CUT-246RD

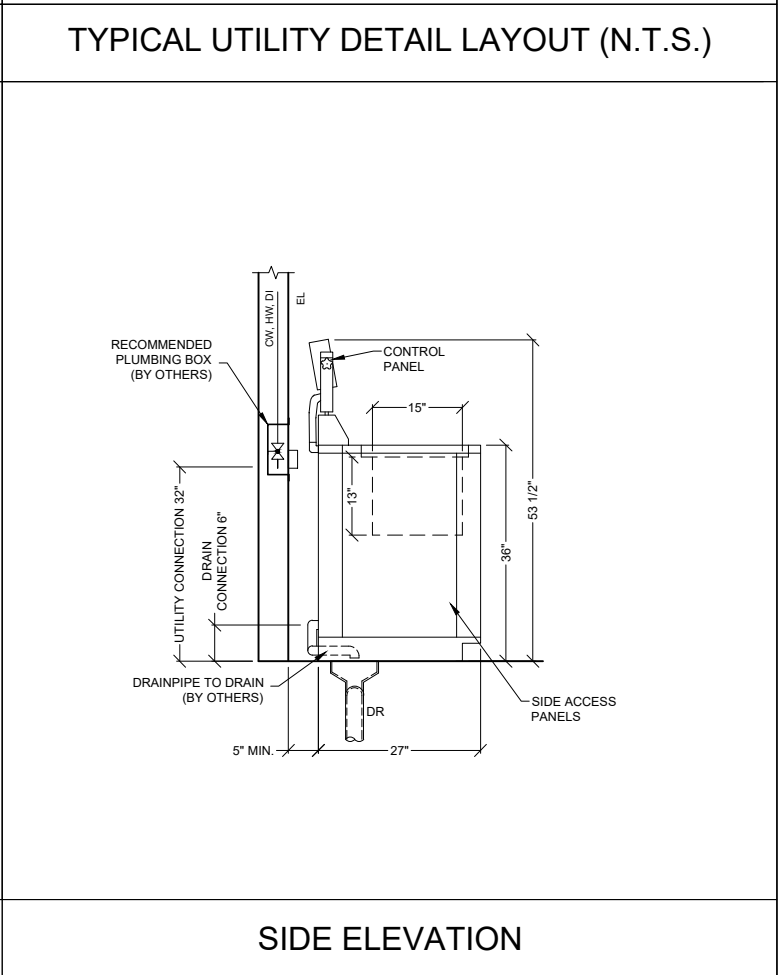
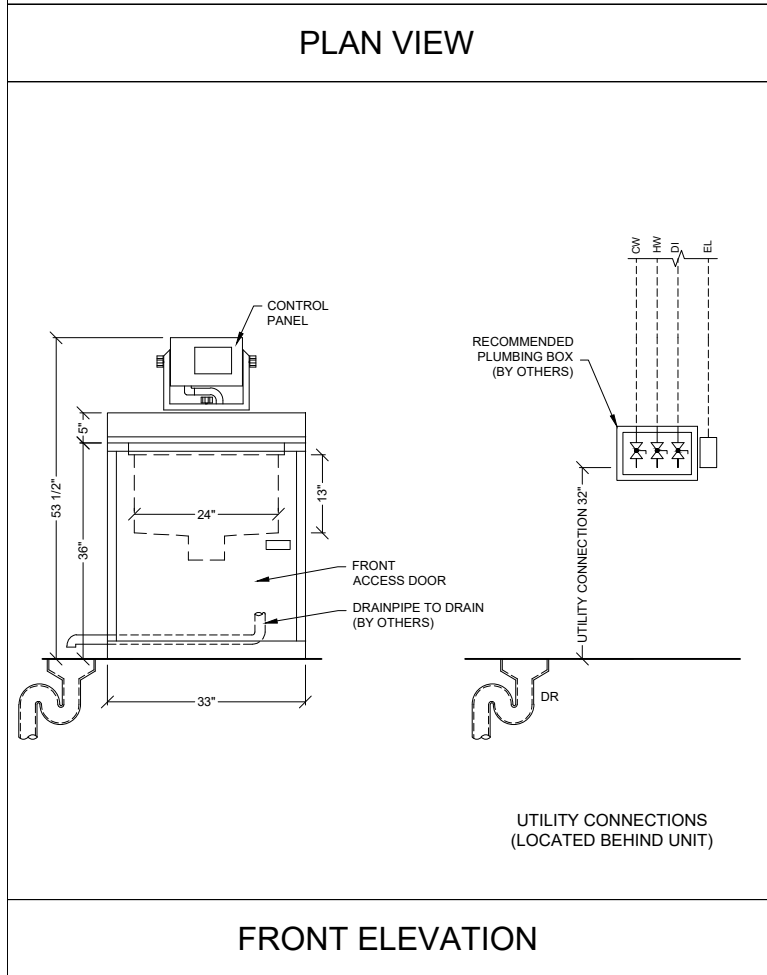
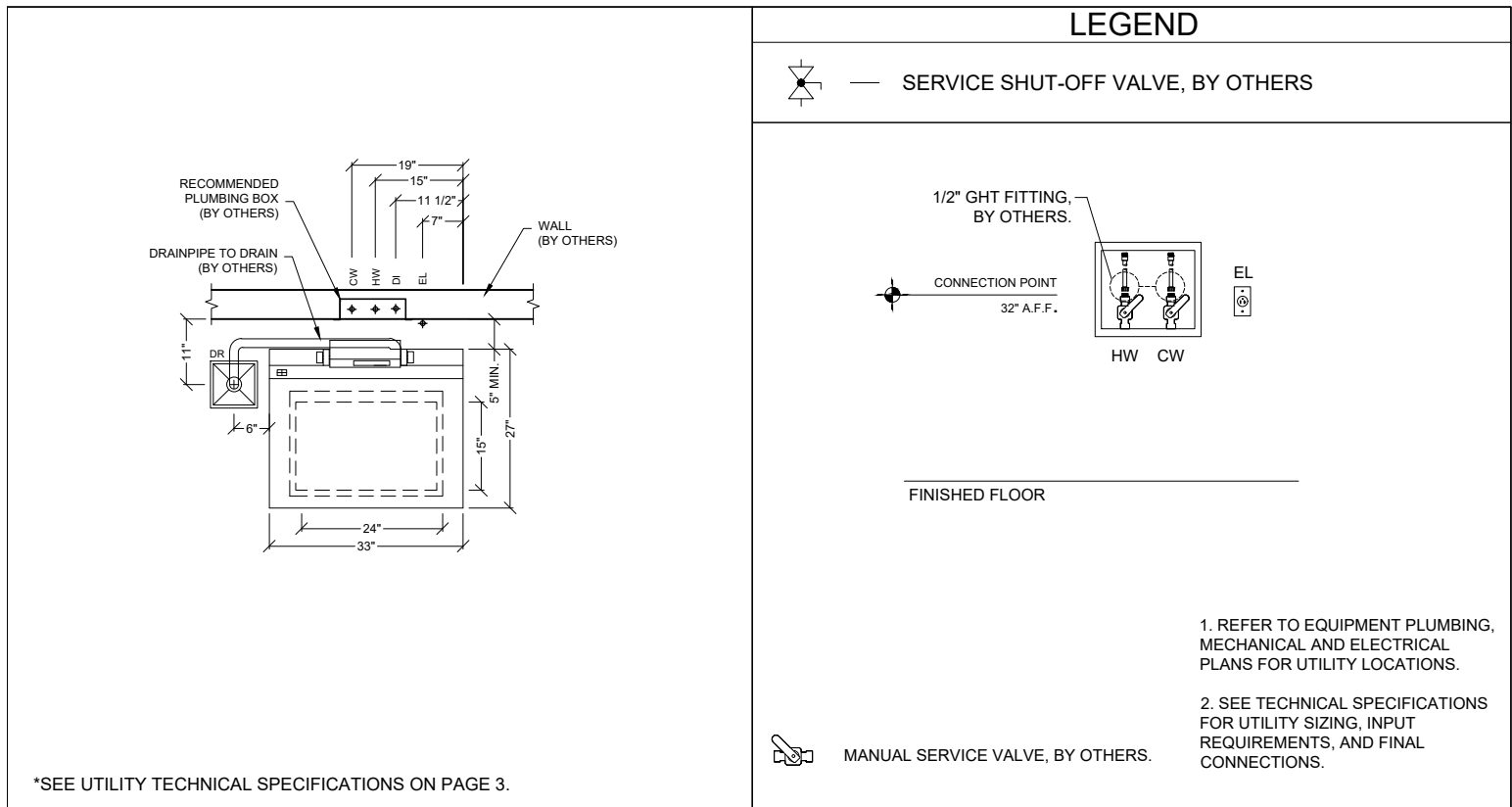
Rev. : G

Drawn By : A. JONES

Date : 1/22/18

Scale : N.T.S.

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FRONT ELEVATION

CONTROL PANEL

5"

53 1/2"

36"

24"

13"

FRONT ACCESS DOOR

DRAINPIPE TO DRAIN (BY OTHERS)

33"

RECOMMENDED PLUMBING BOX (BY OTHERS)

CW

HW

DI

EL

UTILITY CONNECTION 32"

DR

UTILITY CONNECTIONS (LOCATED BEHIND UNIT)

SIDE ELEVATION

RECOMMENDED PLUMBING BOX (BY OTHERS)

UTILITY CONNECTION 32"

DRAIN CONNECTION 6"

DRAINPIPE TO DRAIN (BY OTHERS)

5" MIN.

27"

15"

13"

53 1/2"

36"

CONTROL PANEL

EL

CW, HW, DI

SIDE ACCESS PANELS

246RD ULTRASONIC RINSE/DRYER - 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 load based on 5 minute rinse cycle at maximum flow rate	Flex		X
	Connection Size/Type:	1/2 Inch / GHT				
	Pressure:	Min. 40 Max. 60 psig				
	Peak Consumption:	7.4 gal/min				
CW	*Consumption per Load:	Min. 0 gal / Max. 37 gal	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
	Utility:	Cold Water				
	Connection Size/Type:	1/2 Inch / GHT				
	Pressure:	Min. 40 Max. 60 psig				
DI (OPTIONAL)	Peak Consumption:	1.8 gal/min	Optional DI Rinse Connection - Maximum consumption per load based on 5 minute rinse cycle at maximum flow rate.	Flex		X
	*Consumption per Load:	Min. 0.4 Max. 27.4 gal				
	Utility:	Deionized Water				
	Connection Size/Type:	1/2 Inch / MNPT				
EL	Pressure (Minimum):	Min. 20 Max. 60 psig	Service disconnect provided by others per local code.	Hard Wired	X	
	Operating Consumption:	Min. 0.0 Max. 7.4 gal/min				
	*Consumption per Load:	Min. 0.0 Max. 37 gal				
	Utility:	Electric				
	Connection:	Hard Wire within junction box				
	Voltage (Phase):	1 Phase				
	Voltage (Nominal):	120/208 VAC				
	Circuit Protection:	40 Amps				
	Peak Consumption:	26 Amps				
	Power Consumption per Load:	Min. 0.2 Max 5.5 kW-h				

ESTIMATED EMISSIONS

DR	Utility:	Open Drain	Provide floor/sink and trap, to accomodate 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:	20.8 gal/min				
	Medium:	Noise Radiation				
	Maximum Radiation (Net):	80 dBA				

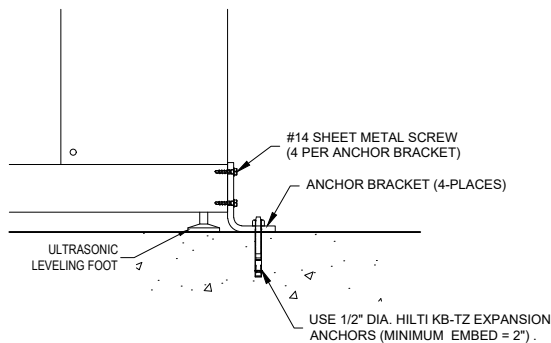
PHYSICAL SPECIFICATIONS

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

* 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.

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