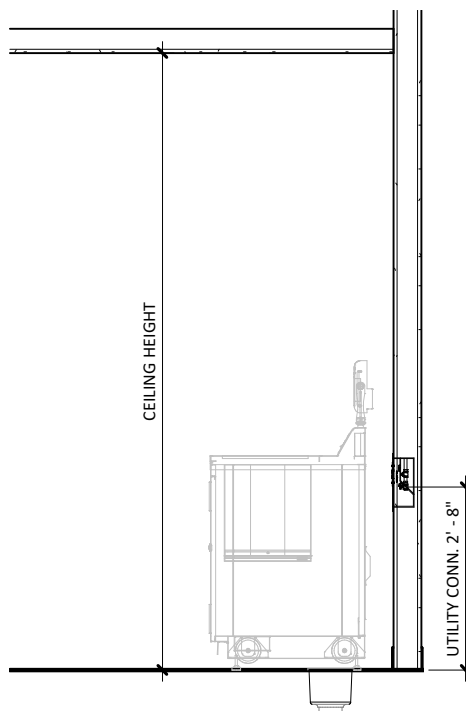
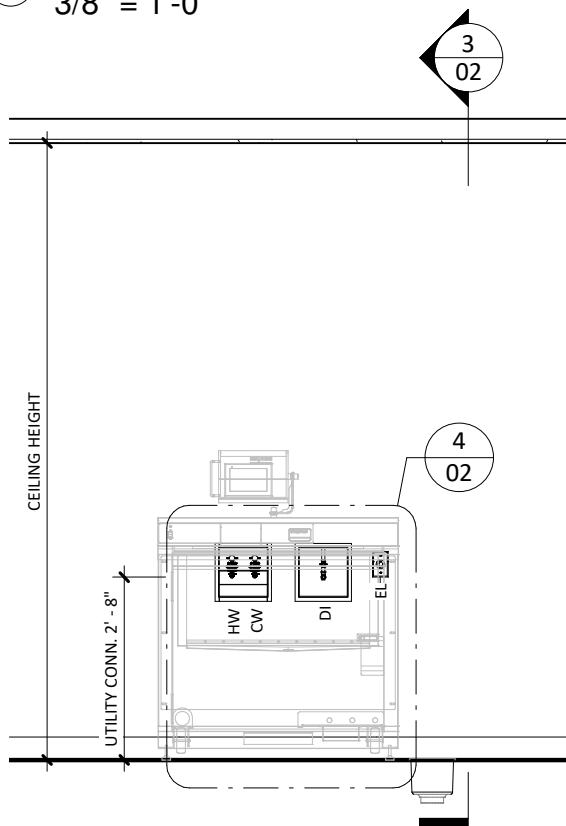


1. REFER TO EQUIPMENT, PLUMBING, MECHANICAL AND ELECTRICAL PLANS FOR UTILITY LOCATIONS.
2. SEE TECHNICAL SPECIFICATIONS FOR UTILITY SIZING, INPUT REQUIREMENTS AND FINAL CONNECTIONS.

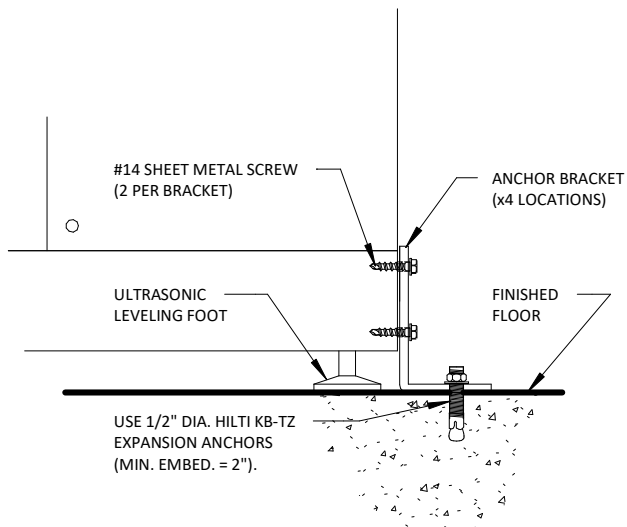
① UTILITY LAYOUT
3/8" = 1'-0"

④ 565 PLUS TYPICAL UTILITY LAYOUT
1" = 1'-0"

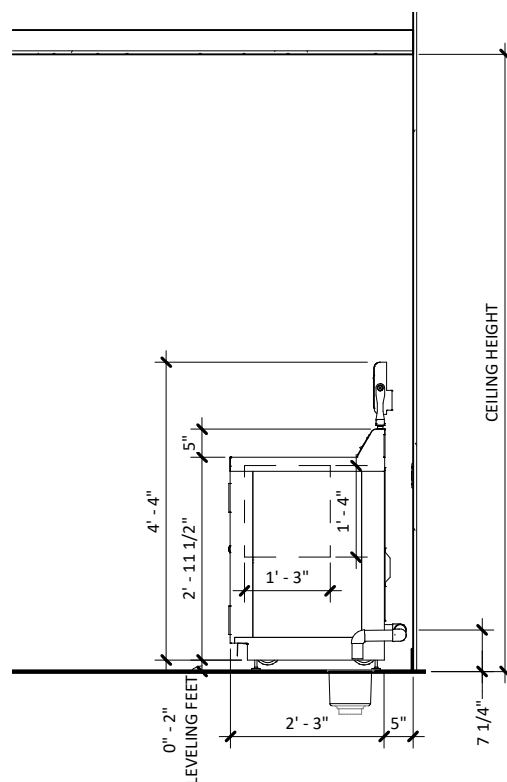


② UTILITY FRONT ELEVATION
3/8" = 1'-0"

③ UTILITY SIDE ELEVATION
3/8" = 1'-0"



④ SEISMIC ANCHORING DETAIL
1 1/2" = 1'-0"



③ EQUIPMENT SIDE ELEVATION
3/8" = 1'-0"

565 PLUS ULTRASONIC CLEANER - TECHNICAL SPECIFICATIONS

ITEM:

A1

REQUIRED INPUTS

Symbol	Description	Value	Utility Notes	Connection Method	Final Utility Conn. By:	
					Others	Belimed
HW	Utility:	Hot Water	Consumption per load based on max. 26.2 gal. fill and 3 minute rinse cycle at typical flow rate.	Flex		X
	Connection Size/Type:	1/2" FNPT				
	Water Temperature:	Min: 100°F Max: 140°F				
	Water Hardness:	Min: 25 ppm Max: 85 ppm				
	Pressure:	Min: 30.0 psig Max: 60.0 psig				
	Typical Flow Rate:	7.0 gpm				
CW	*Consumption per Load:	Min: 13.1 gal Max: 47.2 gal	Consumption based on incoming hot water temperature and chamber set-point temperature.	Flex		X
	Utility:	Cold Water				
	Connection Size/Type:	1/2" FNPT				
	Water Temperature:	Min: 40°F Max: 68°F				
	Water Hardness:	Min: 70 ppm Max: 170 ppm				
	Pressure:	Min: 40.0 psig Max: 60.0 psig				
DI	Typical Flow Rate:	5.0 gpm	Consumption per load based on 2 minute rinse cycle at typical flow rate.	Flex		X
	*Consumption per Load:	Min: 1.0 gal Max: 1.0 gal				
	Utility:	Deionized Water				
	Connection Size/Type:	1/2" FNPT				
	Pressure:	Min: 30.0 psig Max: 60.0 psig				
	Typical Flow Rate:	7.0 gpm				
EL	*Consumption per Load:	Min: 0.0 gal Max: 14.0 gal	Consumption per load based on 2 minute rinse cycle at typical flow rate.	Flex		X
	Utility:	Electric				
	Connection Type:	Receptacle				
	Voltage (Phase):	1 Phase				
	Voltage (Nominal):	208 VAC (4 Wire)				
	Circuit Protection:	20 Amps				
	Peak Consumption:	14 Amps	Junction Box with Receptacle NEMA L14-20R to NEC local codes	Receptacle		X
	*Consumption per Load:	Min: 0.6 kW-h Max: 0.7 kW-h				

ESTIMATED EMISSIONS

DR	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" Indirect Drain				
	Discharge Flow Rate:	21.0 gal/min				
	Max. Discharge Temp:	140°F				
	Medium:	Noise Radiation				
	Max. Radiation (Net):	80 dBA				

PHYSICAL SPECIFICATIONS

	Parameter:	Carry-In Dimensions ¹	Usable Chamber Dimensions	¹ Machine alone (i.e. removed from packaging) Loading height at 36 Inch.
	Height:	54.5 Inch	16 Inch	
	Width:	42 Inch	32 Inch	
	Length:	27 Inch	15 Inch	
	Parameter:	Weights		
	Transport Weight:	550 lbs	Transport Weight = Machine + Crating	
	Operating Weight:	680 lbs	Operational Wt = Machine [400lbs unloaded] + Tray + Water + Instruments	
	QSHPD Number:	OPM-0219-13		

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

Additional Information:

GHT = Garden Hose Thread

FNPT = Female Pipe Thread

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

TS-565PLUS_RevA



1535 HOBBY STREET SUITE 103
N. CHARLESTON, SC 29405
TEL: (800) 457-4117 WWW.BELIMED.COM

CUT-565PLUS

REV: A

TECHNICAL SPECIFICATIONS

565 PLUS ULTRASONIC CLEANER

565 PLUS TECHNICAL SPECIFICATIONS WITH FLOOR
SINK

DRAWN BY:

A. IACOMINO

SCALE:

NONE

DATE:

02/28/19

PAGE:

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565 PLUS ULTRASONIC CLEANER - TECHNICAL SPECIFICATIONS

ITEM:

A1

REQUIRED INPUTS

Symbol	Description	Value		Utility Notes	Connection Method	Final Utility Conn. By:	
						Others	Belimed
HW	Utility:	Hot Water		Consumption per load based on max. 26.2 gal. fill and 3 minute rinse cycle at typical flow rate. Conductivity (µS/cm) < 500 pH 5 – 8 Chlorides (mg/L) < 10	Flex	X	
	Connection Size/Type:	1/2" FNPT					
	Water Temperature:	Min: 100°F	Max: 140°F				
	Water Hardness:	Min: 25 ppm	Max: 85 ppm				
	Pressure:	Min: 30.0 psig	Max: 60.0 psig				
	Typical Flow Rate:	7.0 gpm					
*Consumption per Load:	Min: 13.1 gal	Max: 47.2 gal					
CW	Utility:	Cold Water		Consumption based on incoming hot water temperature and chamber set-point temperature. Conductivity (µS/cm) < 500 pH 5 – 8 Chlorides (mg/L) < 10	Flex	X	
	Connection Size/Type:	1/2" FNPT					
	Water Temperature:	Min: 40°F	Max: 68°F				
	Water Hardness:	Min: 70 ppm	Max: 170 ppm				
	Pressure:	Min: 40.0 psig	Max: 60.0 psig				
	Typical Flow Rate:	5.0 gpm					
*Consumption per Load:	Min: 1.0 gal	Max: 1.0 gal					
DI	Utility:	Deionized Water		Consumption per load based on 2 minute rinse cycle at typical flow rate. Conductivity (µS/cm) < 10 pH 5 – 7 Bacteria (cfu/mL) < 10 Chlorides (mg/L) < 1 Endotoxin (EU/mL) < 20	Flex	X	
	Connection Size/Type:	1/2" FNPT					
	Pressure:	Min: 30.0 psig	Max: 60.0 psig				
	Typical Flow Rate:	7.0 gpm					
	*Consumption per Load:	Min: 0.0 gal	Max: 14.0 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):	208 VAC (4 Wire)					
	Circuit Protection:	20 Amps					
	Peak Consumption:	14 Amps					
*Consumption per Load:	Min: 0.6 kW-h	Max: 0.7 kW-h					

ESTIMATED EMISSIONS

DR	Utility:	Wall Drain	Drain pump 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" FNPT				
	Discharge Flow Rate:	13.3 - 14.0 gal/min (Variable)				
	Max. Discharge Temp:	140°F				
	Medium:	Noise Radiation				
	Max. Radiation (Net):	80 dBA				

PHYSICAL SPECIFICATIONS

	Parameter:	Carry-In Dimensions ¹	Usable Chamber Dimensions	¹ Machine alone (i.e. removed from packaging) Loading height at 36 Inch.
	Height:	54.5 Inch	16 Inch	
	Width:	42 Inch	32 Inch	
	Length:	27 Inch	15 Inch	
	Parameter:	Weights		
	Transport Weight:	550 lbs	Transport Weight = Machine + Crating	
	Operating Weight:	680 lbs	Operational Wt = Machine [400lbs unloaded] + Tray + Water + Instruments	
	OSHPD Number:	OPM-0219-13		

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

Additional Information:

GHT = Garden Hose Thread

FNPT = Female Pipe Thread

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

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CUT-565PLUS

REV: A

TECHNICAL SPECIFICATIONS

565 PLUS ULTRASONIC CLEANER

565 PLUS TECHNICAL SPECIFICATIONS WITH DRAIN PUMP

DRAWN BY:

A. IACOMINO

SCALE:

NONE

DATE:

02/28/19

PAGE:

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