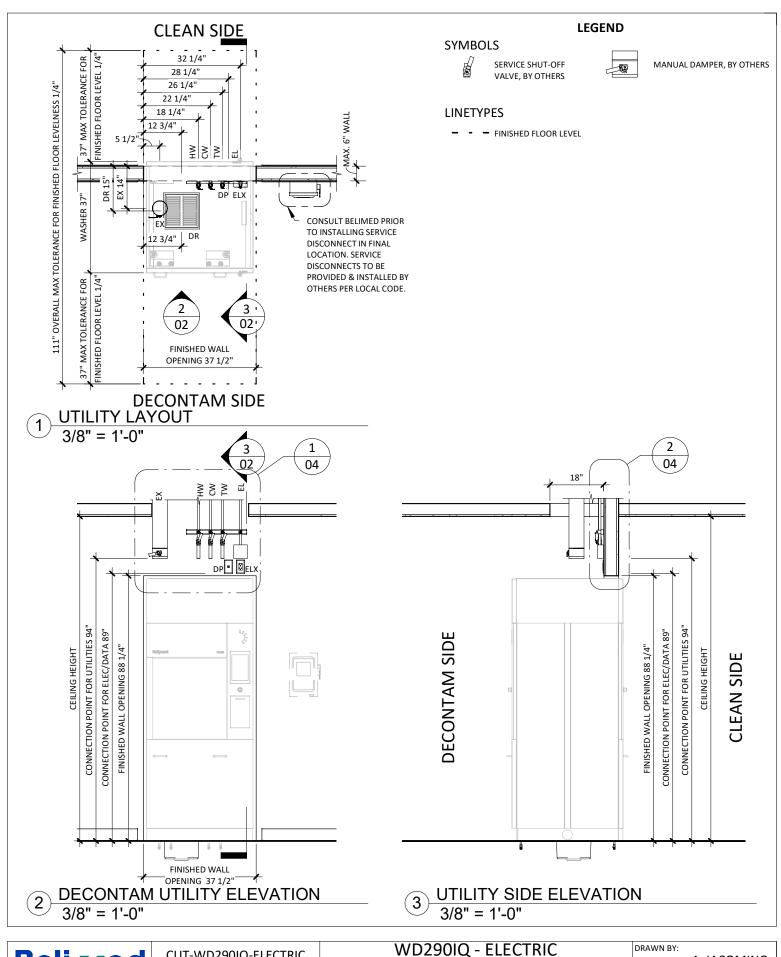
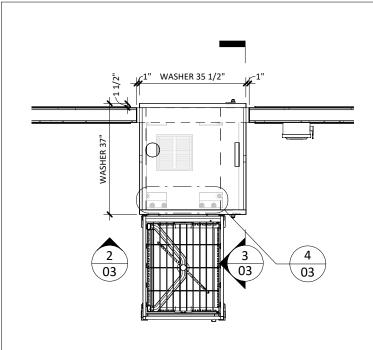


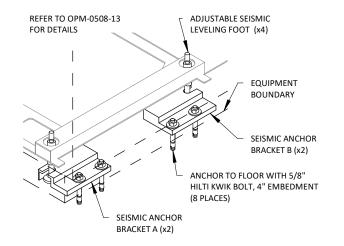
Beli _/ ued	CUT-WD290IQ-ELECTRIC	WD290IQ - ELECTRIC	DRAWN BY: A. IACOMII	
Dellyned		WASHER/DISINFECTOR	SCALE:	IACOIVIIIVO
Infection Control	REV: D	TYPICAL INSTALLATION OF AN ELECTRIC WD290IQ		N.T.S.
1535 HOBBY STREET SUITE 103 N. CHARLESTON, SC 29405 TEL: (800) 457-4117 WWW.BELIMED.COM	3D VIEW	WASHER/DISINFECTOR	DATE: 12/28/20	PAGE: 01 OF 06



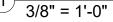
Poliazod	CUT-WD290IQ-ELECTRIC	WD290IQ - ELECTRIC	DRAWN BY:	IACOMINO	
Belijued		WASHER/DISINFECTOR	SCALE:	IACOMINO	
Infection Control	REV: D	TYPICAL SITE PREPARATION OF AN ELECTRIC		3/8" = 1'-0"	
1535 HOBBY STREET SUITE 103 N. CHARLESTON, SC 29405 TEL: (800) 457-4117 WWW.BELIMED.COM	TECHNICAL DRAWING	WD290IQ WASHER/DISINFECTOR	DATE: 12/28/20	PAGE: 02 OF 06	

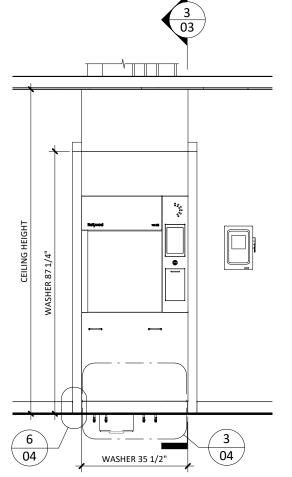


FOR CUSTOMERS LOCATED IN SEISMIC AREAS ONLY

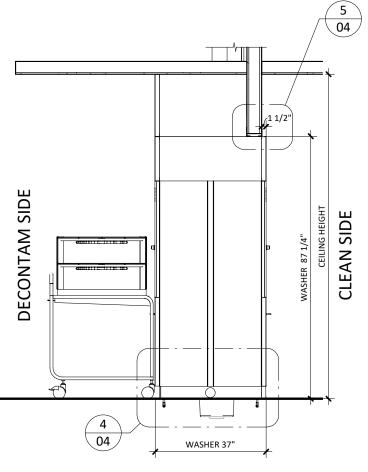


EQUIPMENT LAYOUT 3/8" = 1'-0"





WD290IQ TYP. SEISMIC ATTACHMENT
1" = 1'-0"



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

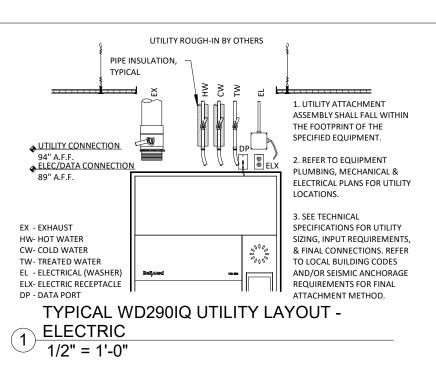
EQUIPMENT SIDE ELEVATION 3/8" = 1'-0"

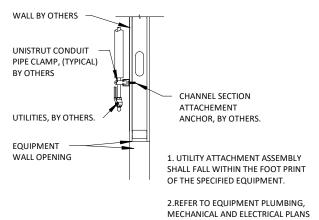
Belizzeo	
Infection Contro	1
1535 HOBBY STREET SUITE 103 N. CHARLESTON, SC 29405 TEL: (800) 457-4117 WWW.BELIMED.COM	, [

CUT-WD290IQ-ELECTRIC
REV: D
TECHNICAL DRAWING

WD290IQ - ELECTRIC
WASHER/DISINFECTOR
TYPICAL EQUIPMENT LAYOUT OF AN ELECTRIC
WD290IQ WASHER/DISINFECTOR

DRAWN BY:	
A.	IACOMINO
CALE:	
P	As indicated
DATE:	PAGE:
12/28/20	03 of 06



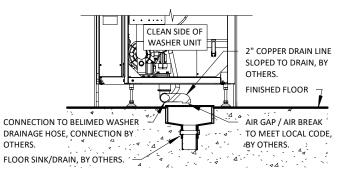


NOTE: REFER TO LOCAL BUILDING CODES AND/OR SEISMIC ANCHORAGE REQUIREMENTS FOR FINAL ATTACHMENT METHOD.

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

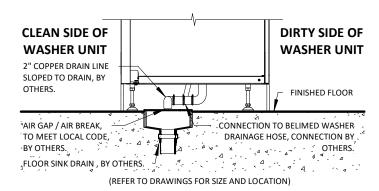
FOR UTILITY LOCATIONS.

2 TYP. UTILITY ATTACHMENT - WALL 1/2" = 1'-0"



(REFER TO DRAWINGS FOR SIZE AND LOCATION)

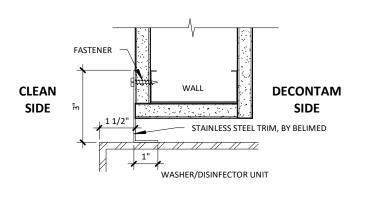
TYPICAL WASHER HOSE ASSEMBLY DETAIL 1/2" = 1'-0"

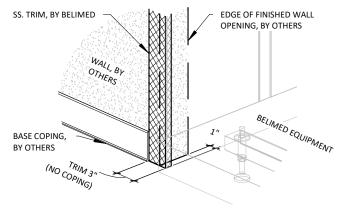


TYPICAL SIDE VIEW - WASHER DRAIN

DETAIL

1/2" = 1'-0"





TRIM ATTACHMENT - WD290IQ
3" = 1'-0"

6 BASE COPING AT WALL OPENING
1" = 1'-0"



CUT-WD290IQ-ELECTRIC

TYPICAL DETAILS

WD290IQ - ELECTRIC
WASHER/DISINFECTOR
TYPICAL INSTALLATION OF AN ELECTRIC WD290IQ

WASHER/DISINFECTOR

DRAWN BY:

A. IACOMINO

SCALE:

As indicated

DATE:
12/28/20

PAGE:
04 of 06

	TEC	HNICAL SP	ECIFICATIO					
			REQUIR	ED INPUTS				
Symbol	Description	Va	Value U		Notes	Connection Method	Others Belime	
			o Storage Tank)	Colder temperature w	ill result in longer			
	Building-Side Conn. Size/Type: Water Temperature:	3/4 INCH MINPT		cycles and higher steam				
HW	Water Hardness:		Max: 200 ppm			Flex		х
		Min: 29.0 psig	Max: 87.0 psig	Salt Content (mg/l)	< 500	TICA		_ ^
		Min: 2.1 gpm	Max: 13.2 gpm	Chlorides (mg/L) pH	< 100 6.5 – 8			
	*Consumption per Load:		3.5 gal	рп	0.5 - 8			
	Utility: Building-Side Conn. Size/Type:		Water h MNPT					
	Water Temperature:		Max: 86°F	Salt Content (mg/l)	< 500			
CW	Water Hardness:		Max: 200 ppm	Chlorides (mg/L)	< 100	Flex		X
		Min: 29.0 psig	Max: 87.0 psig	pH	6.5 – 8			
	*Consumption per Load:	Min: 2.1 gpm	Max: 13.2 gpm 0.5 gal					
	Utility:		d Water	Slower flow rates will	result in longer cycle			
	Building-Side Conn. Size/Type:		h MNPT	times.				
	Water Temperature:		35°F	C-14 C44 (/1)	. 10			
TW	Conductivity: Water Hardness:		Max: 15 μS/cm ppm	Salt Content (mg/l) Chlorides (mg/L)	< 10 < 2	Flex		X
		Min: 29.0 psig	Max: 87.0 psig	Phosphate (mg/L)	<0.5			
	Flow Rate:	Min: 2.1 gpm	Max: 13.2 gpm	Silicate (mg/L)	<1			
	*Consumption per Load:		7.4 gal	pH	6.5 – 8			
	Utility: Building-Side Conn. Type:		ctric nin junction box					
	Voltage (Phase):	3 Pl	nase	4-wire cable required				
EL	Voltage (Nominal):	208 VAC		Peak consumption occ portion of cycle. Service	0 , 0	Hard Wire	X	
	Voltage (Frequency):	60 Hz		by others per local cod				
	Circuit Protection: *Consumption per Load:		Amps 59 kW-h	.,				
	Utility:		ctric					
ELX	Voltage:		0 V			Recentagle		х
ELX	Cycles:	: 60 Hz				Receptacle		^
	Current/Watts:		/ 192W					
	Utility: Building-Side Conn. Type:		Port ceptacle					
-		c:One (1) RJ45 Ethernet port per mach.		Location: Preferred Et	,			
DP	Facility Wiring:	: Cat-5 or better		washer/disinfector or within 5 ft of machine				X
	Final Connection:	Patch cables for fi Each RJ45 require		washer, also needed of	Within 5 it of machine			
	Fort ir Setup.	Lacii 1045 require		D EMISSIONS				
	Utility:		Drain					
DR	Building-Side Connection Size: Discharge Flow Rate:		inch al/min	Provide flush mounted floor sink and trap.	1 12"x12"x5" min.	2" Copper Pipe	X	
	Connection Type:		et Drain	noor sink and trap.				
	Medium:		haust					
	Building-Side Connection Size:	5 inc	h OD	Discharged air is at 10				
	Peak Flow Rate:		Max: 206 cfm	must provide proper d as needed. Others to p				
EX	Exhaust Temperature:		Max: 194°F	damper at each exhau		Flex		X
	Minimum Duct Diameter:		5 inch		Washer Exhaust runs intermittently at			
	Duct Materials (in order of rec. use):	,	galvanized steel, , or aluminum	peak flow rate.				
	Medium:		adiation					
	Radiation (Net):		O W	•	e. Variation due to prog			
	Radiation (Tolerance):		00 W	variability in AO value,	dry time, and dry tempe	eratures.		
	May Padiation (Not)		adiation dBA					
	Max. Radiation (Net):			PECIFICATION	S			
	Parameter:		imensions ¹		er Dimensions			
	Height:	87.6 i	inches		nches	¹ Machine alone		
	Width:		inches inches		nches nches	(i.e. removed fi	rom packagin	g)
	Parameter:		ghts	31.51	HOHES			
	Transport Weight:	175	9 lbs		lbs = (Machine + Crating			
	Operating Weight: OSHPD NUMBER:		4 lbs 0508-13	Operating Weight = (M	lachine + Max. 225lbs In	struments + Rack	+ 9 gal. Wate	er)
	*Values are for an "Instruments - Ge detergents, and cycle setup. Additional Information: For automated systems, additional u	neral Instrument (Cycle" with Belimed	-		ize, load size, utili	ity inputs,	
	MNPT = Male Pipe Thread Maximum tolerance for finished floc All utility supplies and connections a	or level tolerance is	s ¹/₄" for washer an	d conveyor area.			TS-WD290	IIQ-E Re



CUT-WD290IQ-ELECTRIC REV: D

WD290IQ - ELECTRIC WASHER/DISINFECTOR

WD290IQ ELECTRIC SPECIFICATIONS WITHOUT **OPTIONAL TANKS**

DRAWN BY: A. IACOMINO SCALE: N.T.S. DATE: PAGE: 12/28/20 **05** of **06**

	TANK -	TECHNICA	L SPECIFICA	TIONS					
			REQUIR	ED INPUTS			=		
Symbol	Description	Va	lue	Utility	Notes	Connection Method	Final Utilit Others	Belimed	
		Hot Water (w/		Colder temperature w	ill result in longer				
	Building-Side Conn. Size/Type: 3/4 inch MNPT Water Temperature: Min: 120°F Max: 140°F		cycles and higher steam consumption.						
HW	Water Hardness:		Max: 200 ppm			Flex		Х	
		Min: 29.0 psig	Max: 87.0 psig	Salt Content (mg/l)	< 500	T ICX			
		Min: 2.1 gpm	Max: 13.2 gpm	Chlorides (mg/L) pH	< 100 6.5 – 8				
	*Consumption per Load:			рп	0.5 - 8				
	Utility: Building-Side Conn. Size/Type:								
	Water Temperature:		Max: 86°F	Salt Content (mg/l)	< 500				
CW	Water Hardness:		Max: 200 ppm	Chlorides (mg/L)	< 100	Flex		X	
		Min: 29.0 psig	Max: 87.0 psig	рН	6.5 – 8				
	*Consumption per Load:	Min: 2.1 gpm Typ: 10	Max: 13.2 gpm						
	Utility:			Slower flow rates will	result in longer cycle				
	Building-Side Conn. Size/Type:	3/4 inch	n MNPT	times.	3				
	Water Temperature:								
TW	Conductivity: Water Hardness:		Max: 15 μS/cm	Salt Content (mg/l) Chlorides (mg/L)	< 10	Flex		Х	
		< 2 Min: 29.0 psig	ppm Max: 87.0 psig	Chlorides (mg/L) Phosphate (mg/L)	< 2 <0.5				
		Min: 2.1 gpm	Max: 13.2 gpm	Silicate (mg/L)	<1				
	*Consumption per Load:	Typ: 7		pН	6.5 – 8				
	Utility:								
	Building-Side Conn. Type: Voltage (Phase):			4-wire cable required	→ 3 conductor & 1 PE.				
EL	Voltage (Nominal):			Peak consumption occurs during drying		Hard Wire	х		
	Voltage (Frequency):				ce disconnect provided		,		
	Circuit Protection:		•	by others per local cod	ie.				
	*Consumption per Load:								
	Utility: Voltage:								
ELX	Cycles:					Receptacle		X	
	Current/Watts:								
	Utility:		Port						
	Building-Side Conn. Type:			Location: Preferred Et	hernet port location is				
DP	Connection Quantity: Facility Wiring:			in the enclosed service	area of the			X	
	Final Connection:				within 5 ft of machine				
		Each RJ45 require	s static IP address						
	Utility:	0,000		D EMISSIONS			I		
	Building-Side Connection Size:			Provide flush mounted	l 12"x12"x5" min.				
DR	Discharge Flow Rate:		al/min	floor sink and trap.		2" Copper Pipe	X		
	Connection Type:								
	Medium:			Disabassad sin is at 10	00/				
	Building-Side Connection Size:			Discharged air is at 10 must provide proper of	• • • • • • • • • • • • • • • • • • • •				
EV	Peak Flow Rate:			as needed. Others to provide manual		Flori		х	
EX	Exhaust Temperature: Minimum Duct Diameter:		Max: 194°F	damper at each exhaust connection point.		Flex		^	
	Duct Materials			Washer Exhaust runs intermittently at peak flow rate.					
	(in order of rec. use):	, 0							
	Medium:			Free Standing Machine. Variation due to prog		ram		1	
	Radiation (Net):				e. Variation due to prog dry time, and dry temps				
	Radiation (Tolerance):		_		,, and any tempt				
	Medium: Max. Radiation (Net):								
				PECIFICATION	S				
	Parameter:				er Dimensions				
	Height:			27.1 inches		¹ Machine alone	e		
	Width:	h: 35.4 inches		24.8 inches		(i.e. removed f	rom packagin	g)	
	Length:			31.5 inches					
	Parameter: Transport Weight:			Transport Weight + 55	lbs = (Machine + Crating	7)			
	Operating Weight:				lachine + Max. 225lbs In		x + 9 gal. Wate	er)	
	OSHPD NUMBER:						_		
	*Values are for an "Instruments - Ge detergents, and cycle setup.	neral Instrument C	ycle" with Belimed	Protect® detergent. Va	lues will vary with rack s	ize, load size, util	ity inputs,		
	Additional Information: For automated systems, additional u MNPT = Male Pipe Thread				ails.				
	Maximum tolerance for finished floo		1 / 11 6						

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CUT-WD290IQ-ELECTRIC

TECHNICAL SPECIFICATIONS

REV: D

WD290IQ - ELECTRIC WASHER/DISINFECTOR

WD290IQ ELECTRIC SPECIFICATIONS WITH OPTIONAL TANKS

DRAWN BY:
A. IACOMINO
SCALE:

N.T.S.

DATE: PAGE: 12/28/20 06 of 06