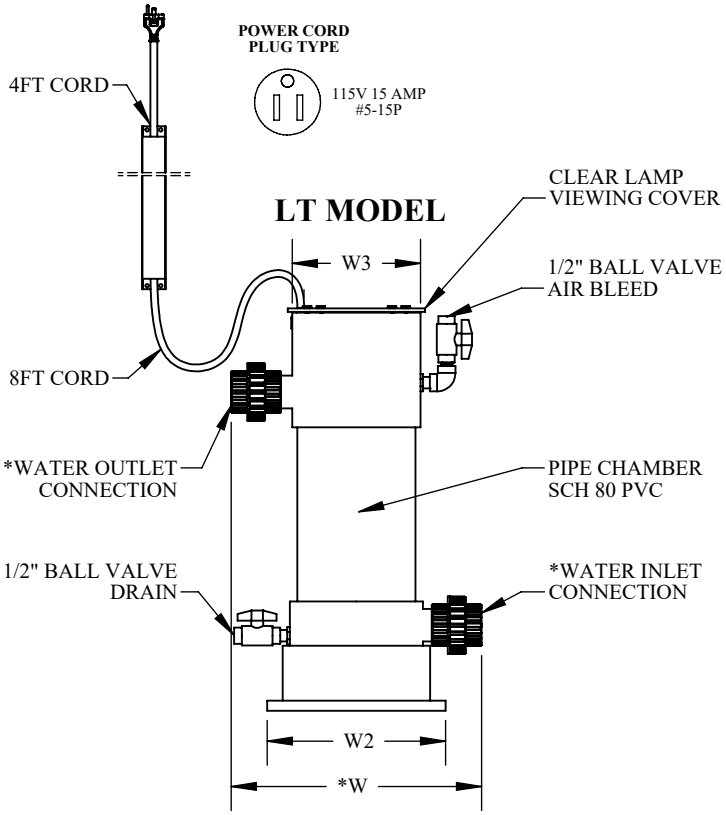
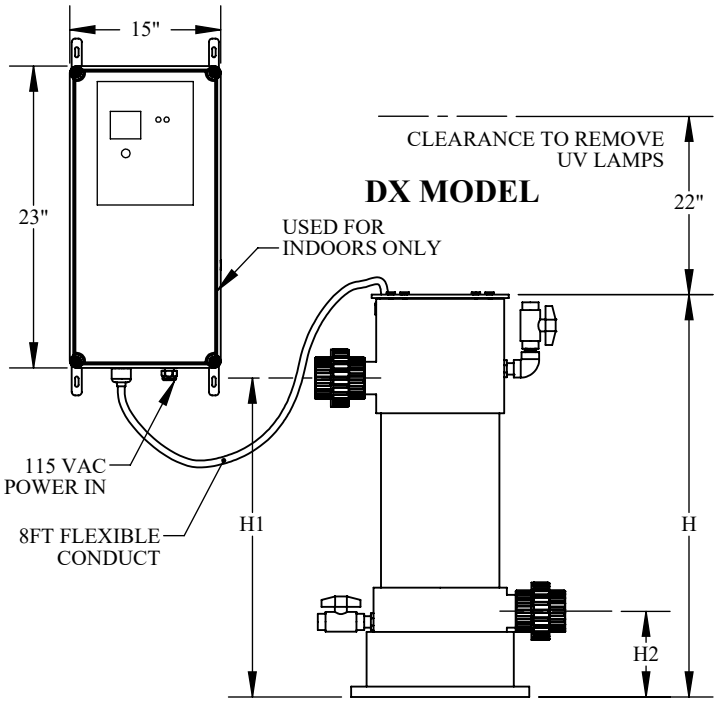
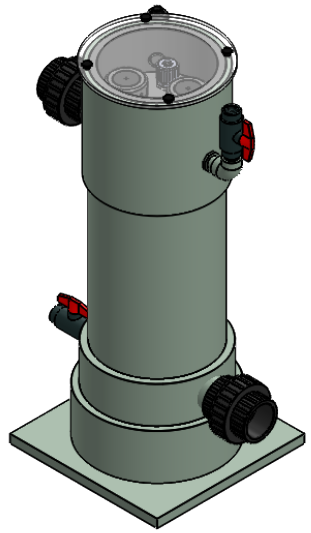
ALSV-2 THRU ALSV-8 UV STERILIZERS

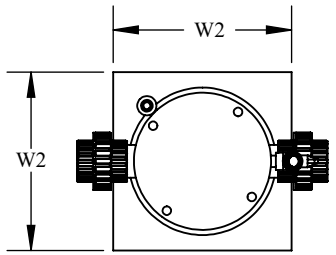


LT MODEL INCLUDES:
· EPOXY POTTED PLUG-IN BALLAST.



DX MODEL INCLUDES:
· POWER ON / OFF SWITCH.
· POWER AND OVER TEMPERATURE LED INDICATORS LIGHTS.
· LCD HOUR METER.
· OVER TEMPERATURE AIR AND WATER CUTOUTS.
· NEMA 4X RATED CONTROL BOX.
· INDIVIDUAL LAMP INDICATOR LIGHTS.
· UL-508A RATED CONTROL BOX. (OPTIONAL)





PLAN VIEW

ALSV UV STERILIZER SPECIFICATIONS

MODEL NO.	NO. OF LAMP / WATTS	VOLTS	AMPS / WATTS	*W	W2	W3	H	~H1	~H2	*STANDARD WATER IN / OUT WATER CONNECTIONS	MAXIMUM WATER FLOW RATE (GPM) AT UV INTENSITY µWsec/cm2 @ 90% TRANSMISSIBLITY 85% AT END OF LAMP LIFE				
											30K	45K	60K	90K	120K
ALSV-2	2 / 190	115	1.8 / 207	18"	13"	10"	29.75"	23.25"	6.25"	2" UNION	80	53	40	27	20
ALSV-3	3 / 285	115	2.5 / 287	22"	14"	12"	30.75"	21.50"	8.50"	3" UNION	151	101	76	50	38
ALSV-4	4 / 380	115	3 / 345	22"	14"	12"	30.75"	21.50"	8.50"	3" UNION	213	142	106	71	53
ALSV-5	5 / 475	115	4.5 / 517	22"	14"	12"	30.75"	21.50"	8.50"	4" FLANGE	282	188	141	94	70
ALSV-6	6 / 570	115	5.4 / 621	24"	19.5"	17.7"	31"	19.5"	8"	6" FLANGE	372	248	186	124	93
ALSV-8	8 / 760	115	7.2 / 828	24"	19.5"	17.7"	31"	19.5"	8"	6" FLANGE	533	355	266	177	133

NOTE:
·SHADED AREAS HAVE WATER VELOCITIES GREATER THAN 5 FT / SEC.
·CONTACT AQUA LOGIC FOR LARGER CONNECTION SIZES.

***NOTE:**
· ALSV-6-LT AND ALSV-8-LT MODELS HAVE TWO PLUG-IN BALLAST.
· FLOW RATES BASED ON "END OF LIFE", LAMP OUTPUT OF 85% AT 9000 HOURS.
· ALL DIMENSIONS ARE APPROXIMATE AND SUBJECT TO CHANGE WITHOUT NOTICE.
· ADD -LT OR -DX TO PART NUMBER TO SELECT POWER OPTION DESIRED
· ALL UNITS 50 PSIG MAXIMUM OPERATING PRESSURE.
· OTHER WATER CONNECTIONS SIZES ARE AVAILABLE.

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DESCRIPTION	DRAWING #	SHEET TITLE
AQUA LOGIC ULTRAVIOLET STERILIZERS		ALSV-2 THRU 8 UV SPECIFICATION

DRAWN BY	DATE	REVISION	SCALE	SHEET #
Arnaldo Guzman	2/17/2022	2/1/2026 CE		1 OF 1