

Arches

Manual



Owner's Manual

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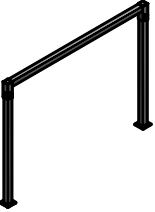
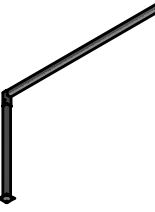
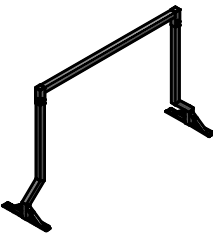
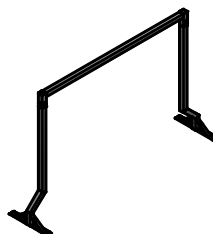
APPLICATION BRIEFING

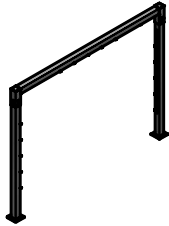
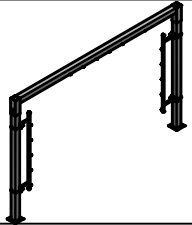
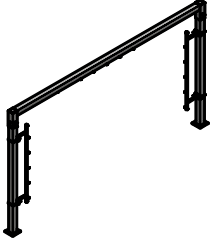
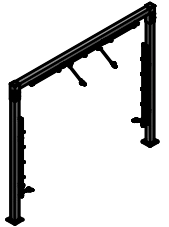
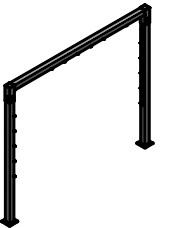
AVW Applicator Arches are constructed from long-lasting stainless tube with many options available for soap, conditioning, rinsing and finishing. They provide even and accurate application of soaps, waxes, protectants and other chemicals, ensuring better wash quality and chemical efficiency.

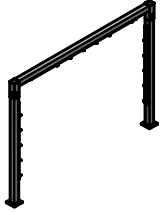
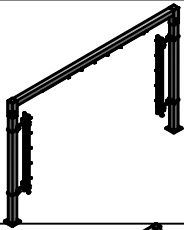
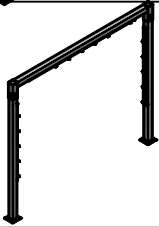
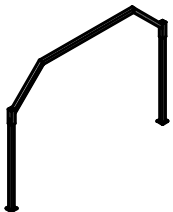
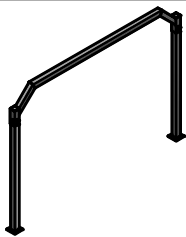
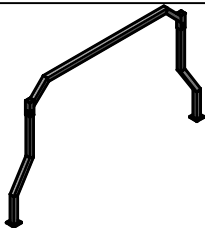
- Modular Design
- Precision Application
- Durable Construction
- Customizable Appearance
- Efficient Chemical Use

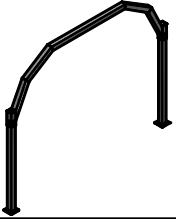
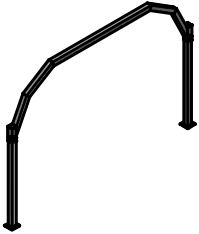
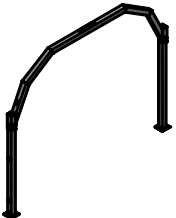
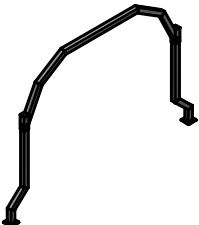
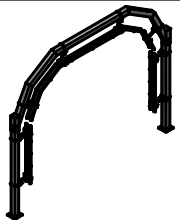
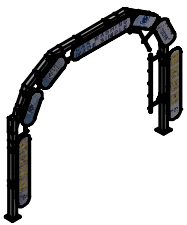
SPECIFICATIONS	
PARAMETERS	VALUES
Arc Shapes	Square, Penta , Octa
Post Height	96", 108"(Low Profile)
Arch Width	10', 12' 14'

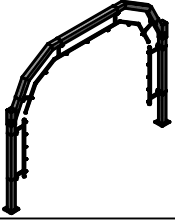
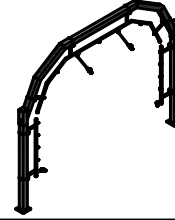
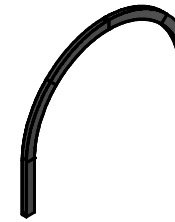
CONFIGURATIONS

CONFIGURATIONS				
Model	Part Number	Description	ID	Page No.
	AA0	Square Empty Arch 10' Wide	A	9,21
	AA012	Square Empty Arch 12' Wide	B	9,21
	AA014	Square Empty Arch 14' Wide	C	9,21
	AA0-Z	Square Empty Arch with Z-Legs	D	10,21
	AA0-Z-12113	Square Empty Arch, 12' Wide with 113" Gusseted Z-Legs	E	10,21

CONFIGURATIONS				
Model	Part Number	Description	ID	Page No.
	AA1	Square Applicator Arch, 10' Wide, Stainless Steel Arch & Manifolds	F	11,21,22,23,27
	AA1-12	Square Applicator Arch, 12' Wide, Stainless Steel Arch & Manifolds	G	11,21,22,23,27,28
	AA1-14	Square Applicator Arch, 14' Wide, Stainless Steel Arch & Manifolds	H	11,21,22,23,27,28
	AA1X3	Square Applicator Arch, 14' Wide, Stainless Steel Arch & Triple Manifolds	I	12,23,27,30
	AA1-LPC	Square Applicator Arch for Low Profile Conveyor, 10' Wide, Legs are 108"	J	12,22

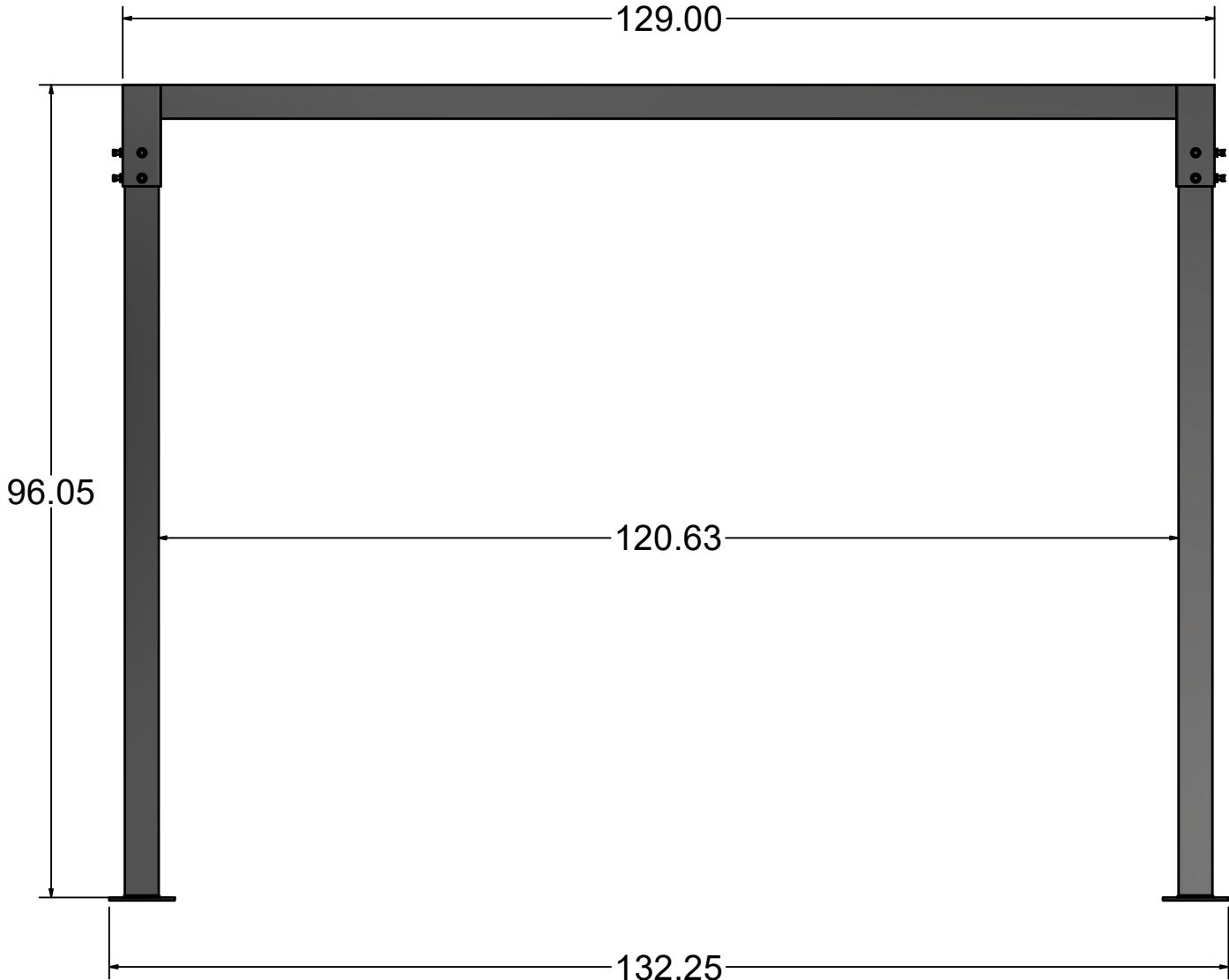
CONFIGURATIONS				
Model	Part Number	Description	ID	Page No.
	AA2	Square Dual Applicator Arch, 10' Wide	K	13,24
	AA2-12	Square Dual Applicator Arch, 12' Wide, Stainless Steel Arch & Manifolds	L	13,24,27
	AA2-LPC	Square Dual Applicator Arch, 10' Wide, for Low Profile Conveyor, Legs are 108" Long	M	13,24
	AA0-3X3-5269	Empty Arch, Penta Shape, 3"x3" Stainless Steel Arch	N	14,25
	FM1A-C	Penta Arch for Finishing Module, 12' Wide Arch, 96'H Straight Legs(No Gussets), Requires Bracing to Another Arch	O	15,25
	FM1A-C-Z	Penta Arch for Finishing Module, 12' Wide Arch, 96'H Z-Legs(No Gussets), Requires Bracing to Another Arch	P	15,25

CONFIGURATIONS				
Model	Part Number	Description	ID	Page No.
	OT2-AA0	Octasquare Empty Arch, 12' Wide	Q	16,26
	OT2-AA0-14	Octasquare Empty Arch, 14' Wide	R	16,26
	OT2-AA0-0622	Octasquare Empty Arch, 12' Wide, with 2 Access Holes in Each Leg and 3 Access Holes on the Top Bar	S	16,26
	OT2-AA0-Z	Octasquare Empty Arch, 12' Wide	T	16,26
	OT2-AA2	Dual Applicator Arch, Octasquare	U	17,27,28,30
	OT2-ENTRARCH	Entrance Arch Sign Package, Octasquare, w/ Presoak Applicator Arch, Seven LED Backlit Signs with Brackets to Attach to 4x4 Tubing, including U-Bols and LED Transformers with Avalanche Foam Applicator Attachment with Light Bar	V	17,27,28,29

CONFIGURATIONS				
Model	Part Number	Description	ID	Page No.
	OT2-AA1	Octasquare Applicator Arch, 12' Wide	W	17,27,28,29
	OT2-AA1X3	Octasquare Arch, Single Manifold with CTA and Entrance Windshield Spray	X	17,27,28,30
	OT2-AA2X3	Octasquare Arch, Dual Manifold with CTA and Entrance Windshield Spray	Y	18,27,28,30
	OT2-AA2X3-0622	Octasquare Arch, Dual Manifold with Continuous Sides Separated at the top each with CTA and Entrance/Exit Windshield Spray	Z	18,27,28,30
	OT2-AA3X3-0622	Octasquare Arch, Triple Manifold with Continuous Sides Separated at the top each with CTA and Entrance/Exit Windshield Spray	AA	18,27,28,30
	AVW-BWA1	Glass Block Archway-Straight Sides, Arched Top	AB	

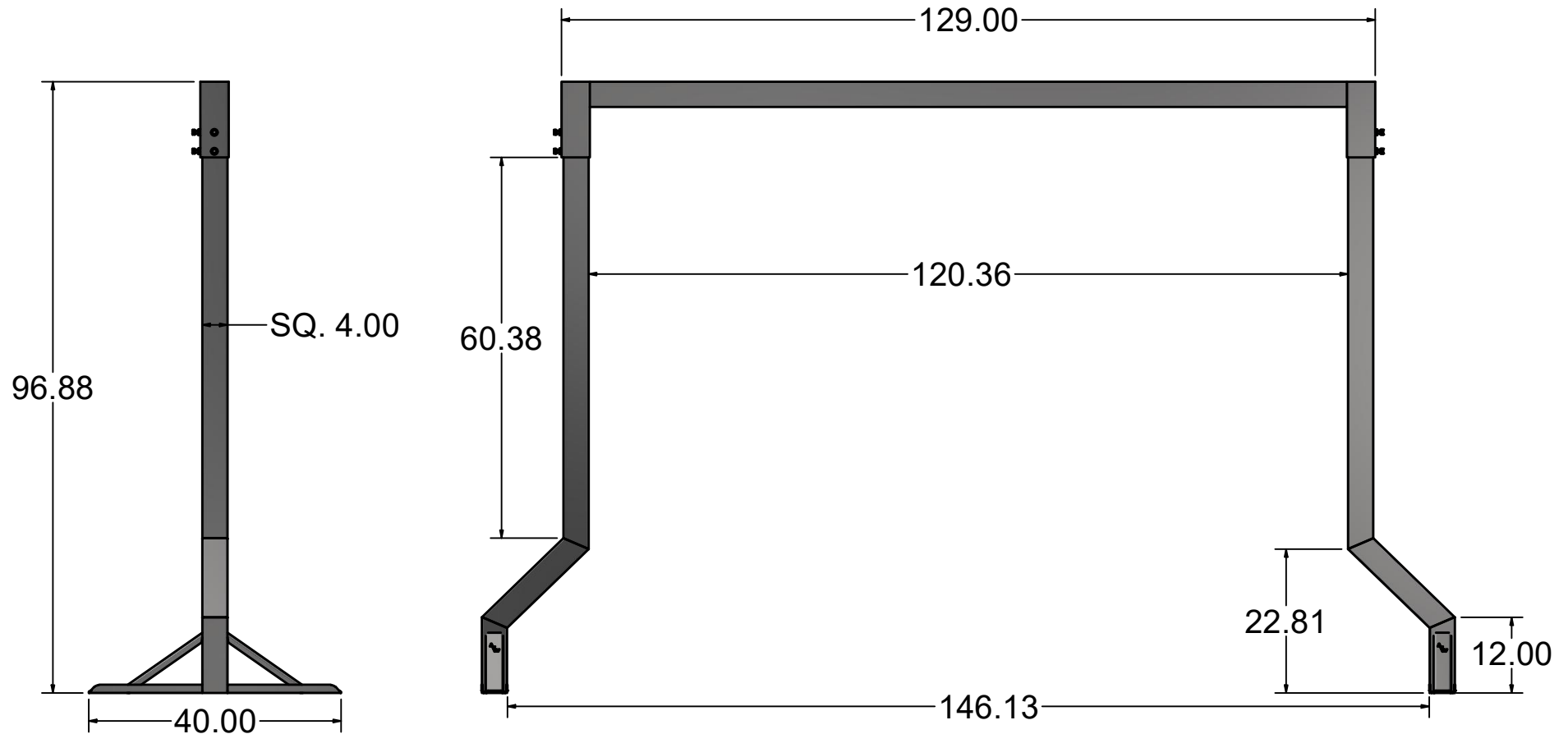
DIMENSIONS

Configurations: A,B,C



For Configuration B & C, the distance between the legs are 12' & 14'

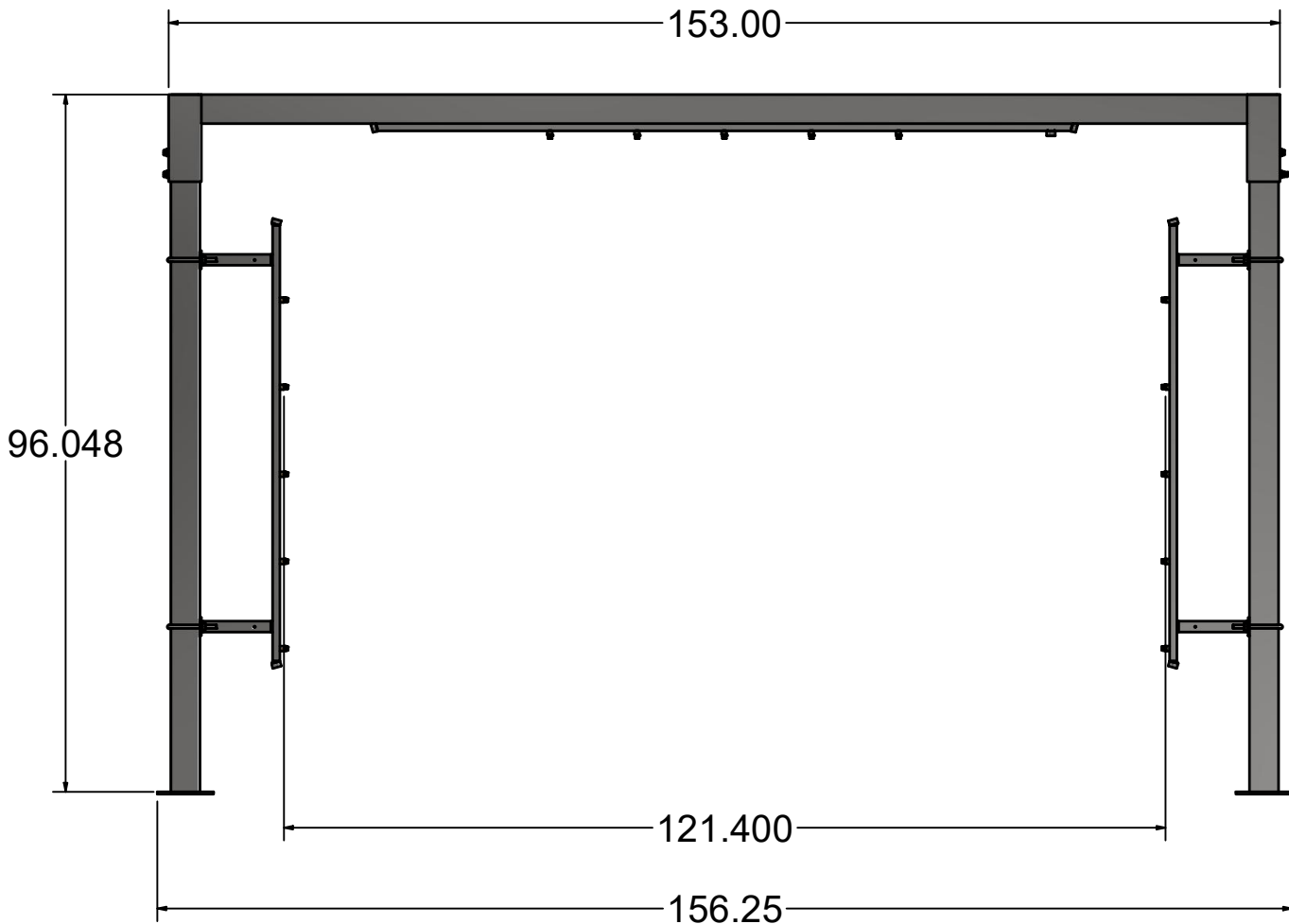
Configurations: D,E



For Configuration E, the total height of the arch is 113"

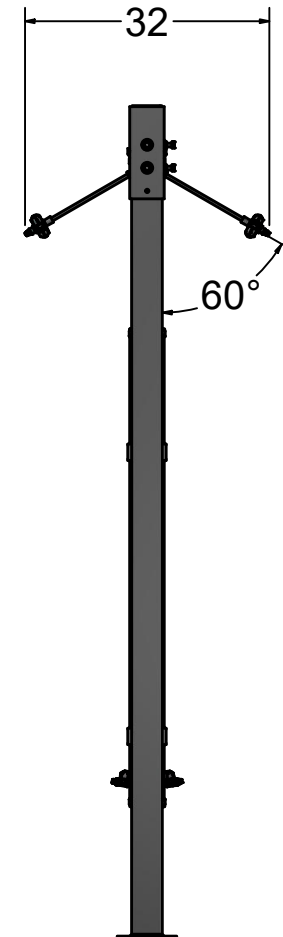
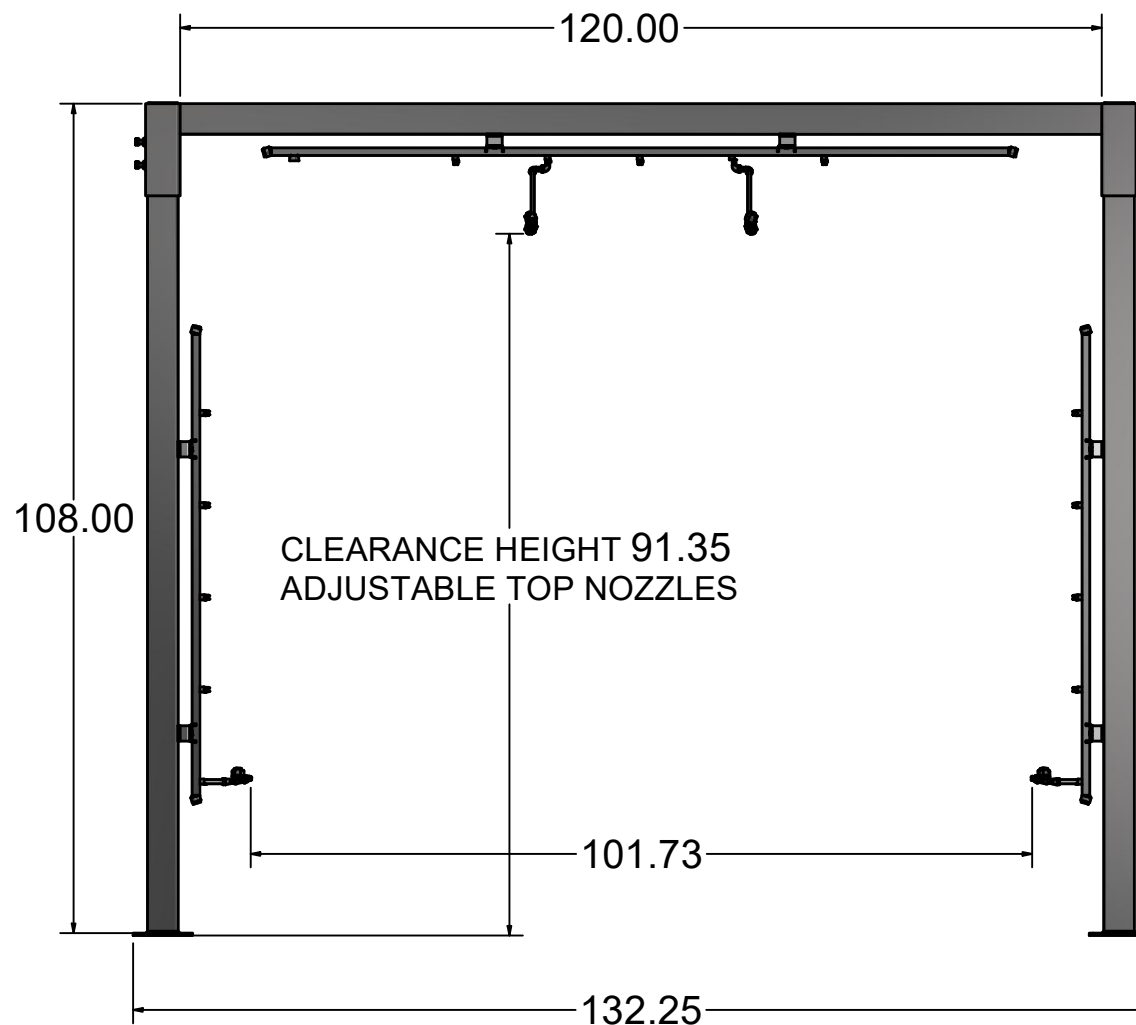
10 of 50

Configurations: F,G,H

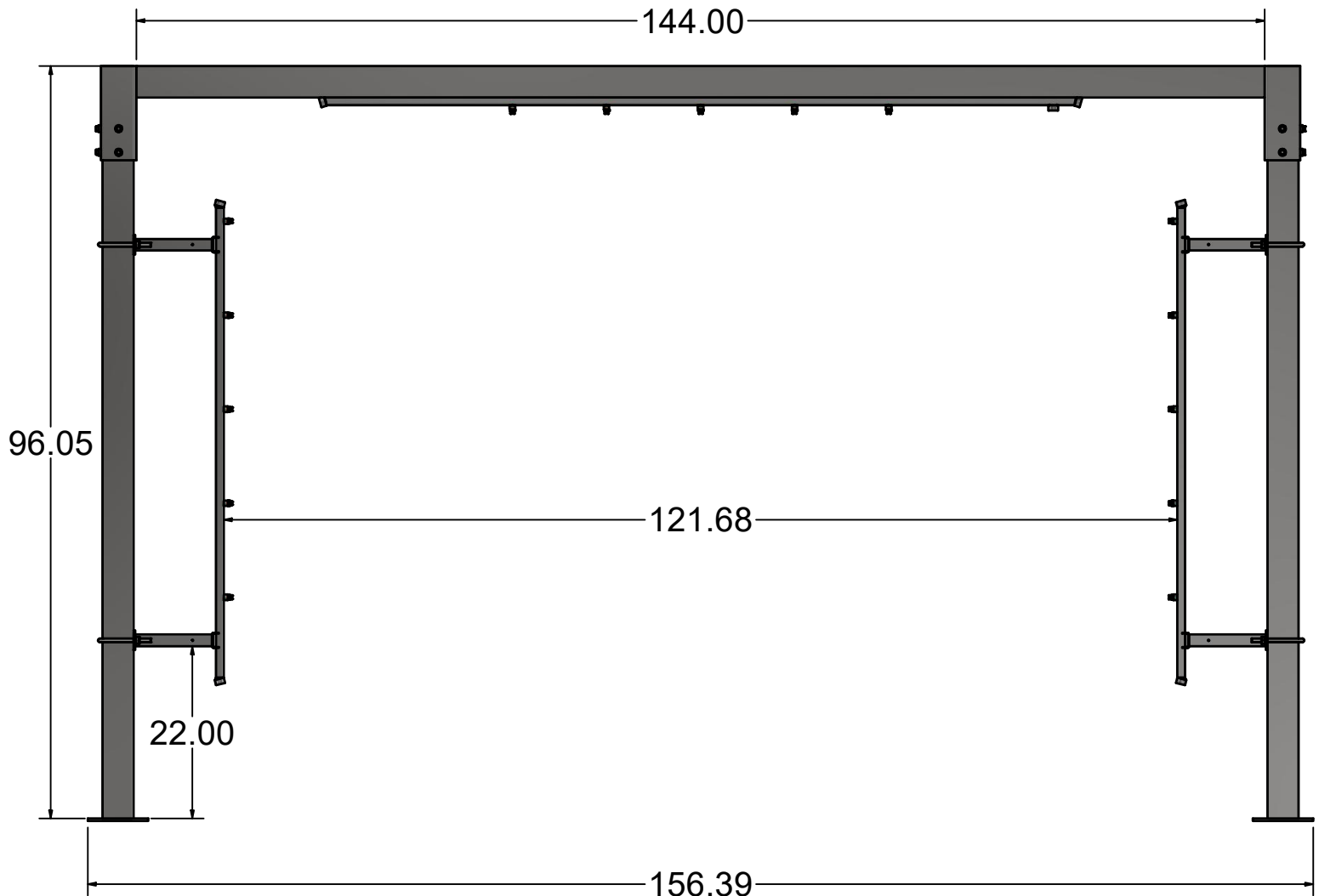


For Configuration F and H, the arches width are 10' and 14'.

Configurations: I,J

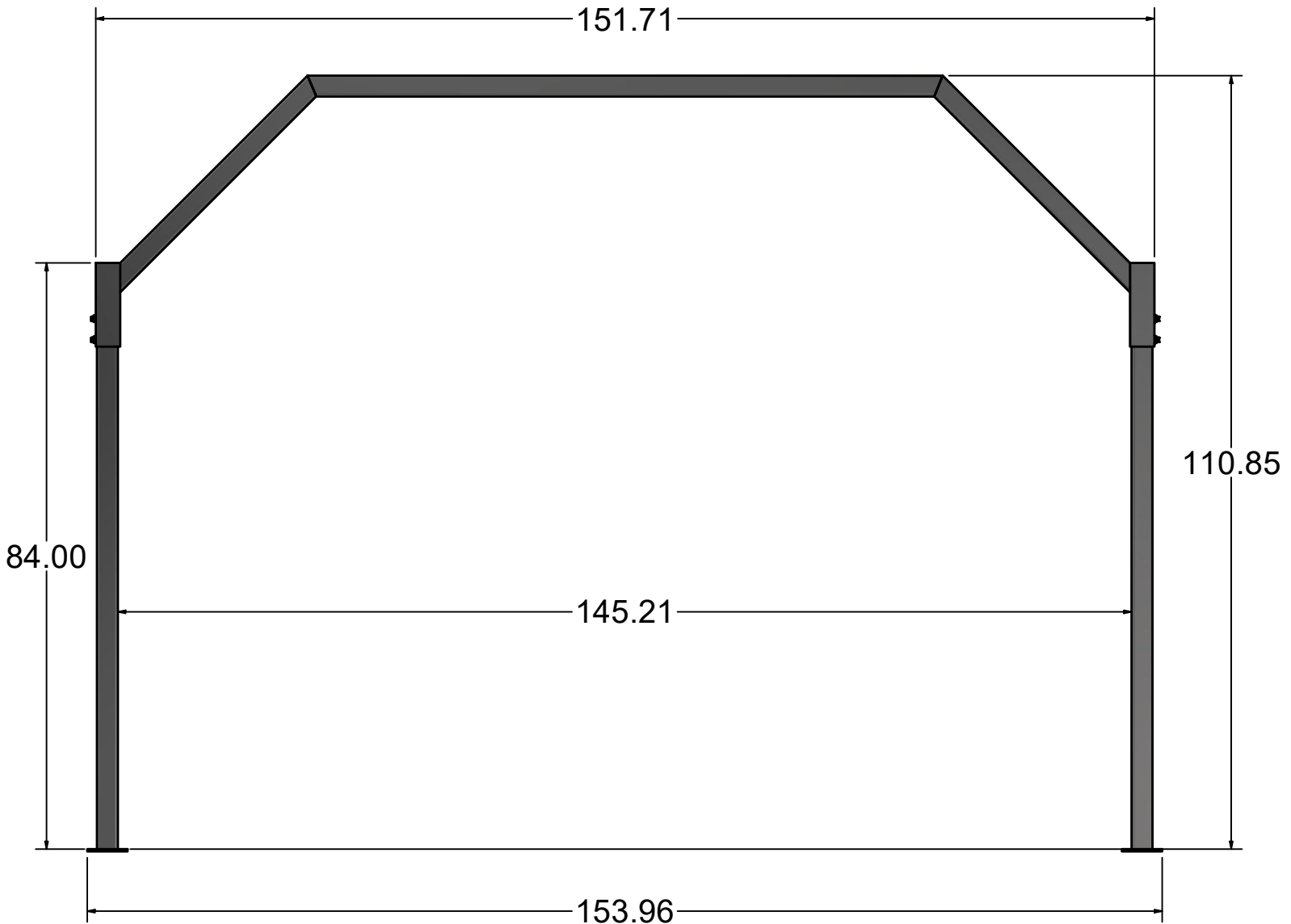


Configurations: K,L,M

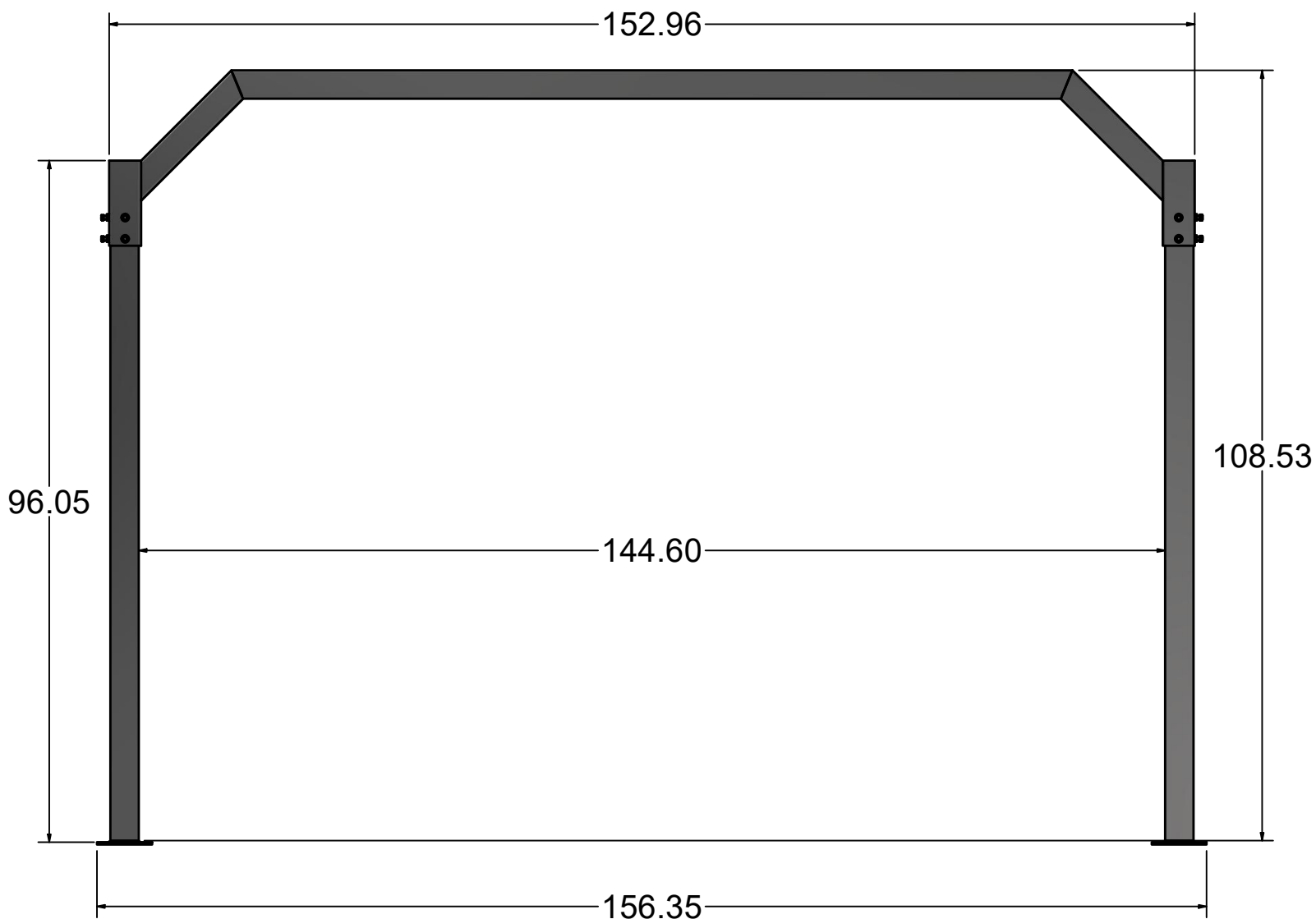


For Configuration M, the length of the leg is 108"

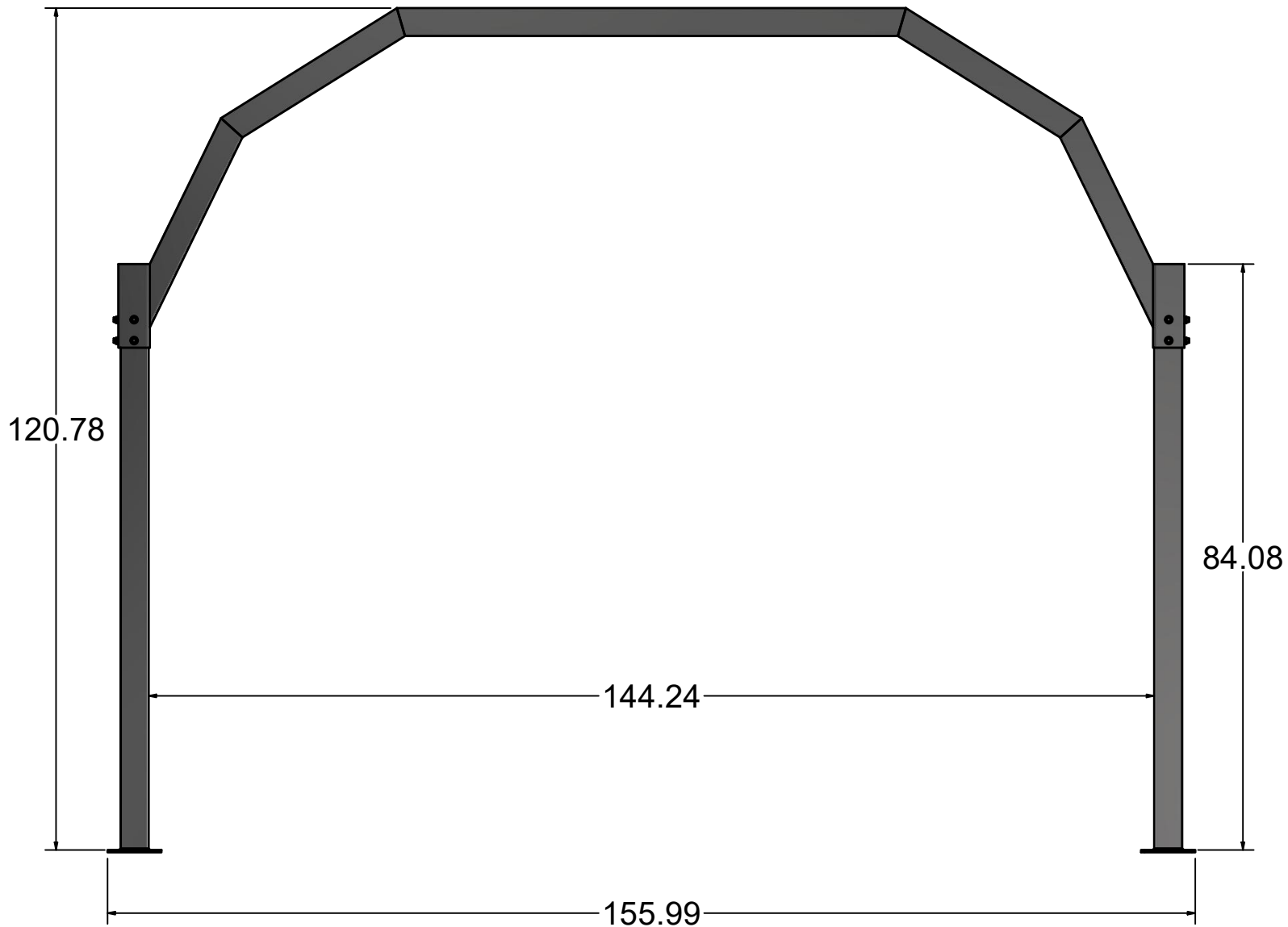
Configurations: N



Configurations: O,P

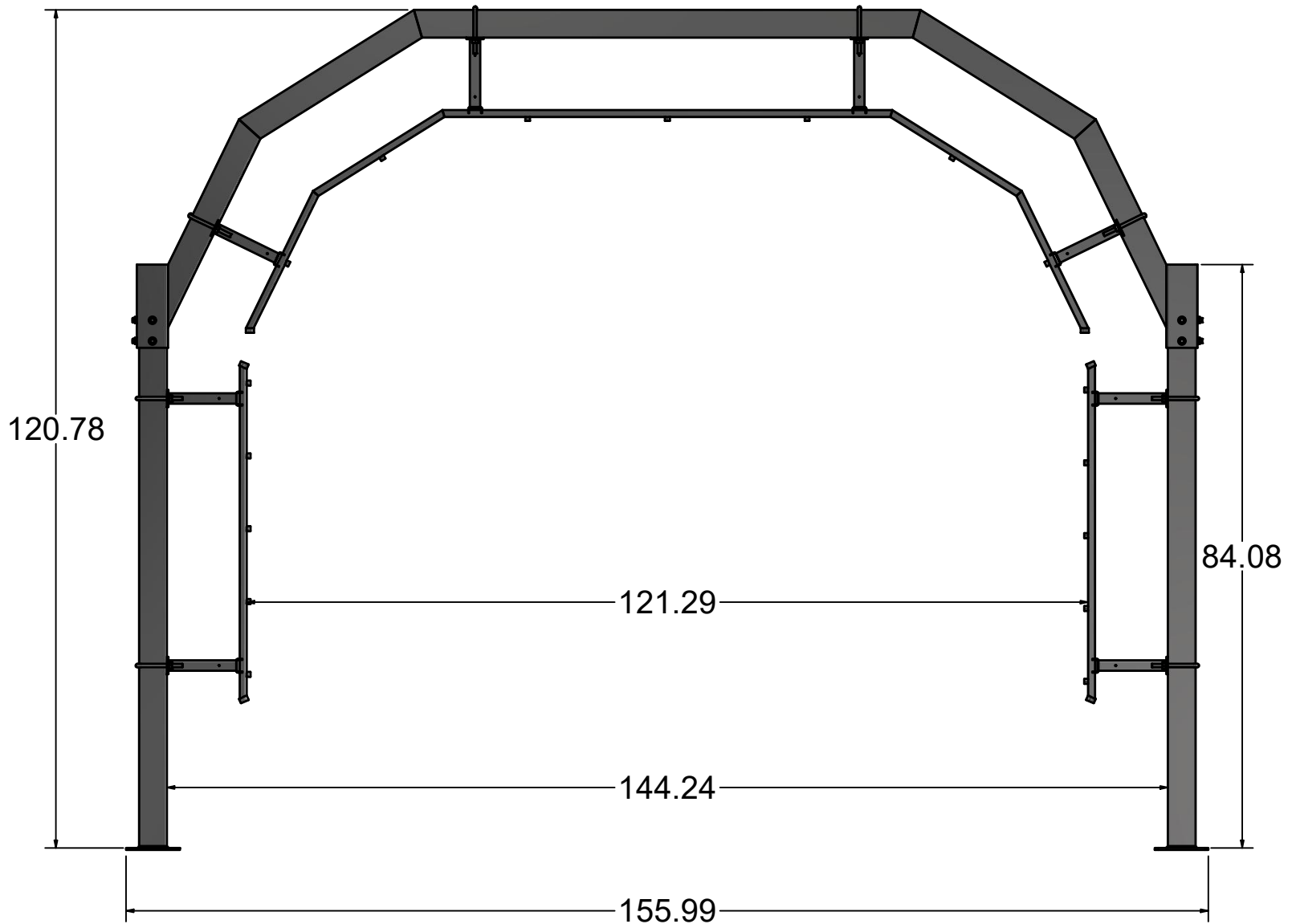


Configurations: Q,R,S,T

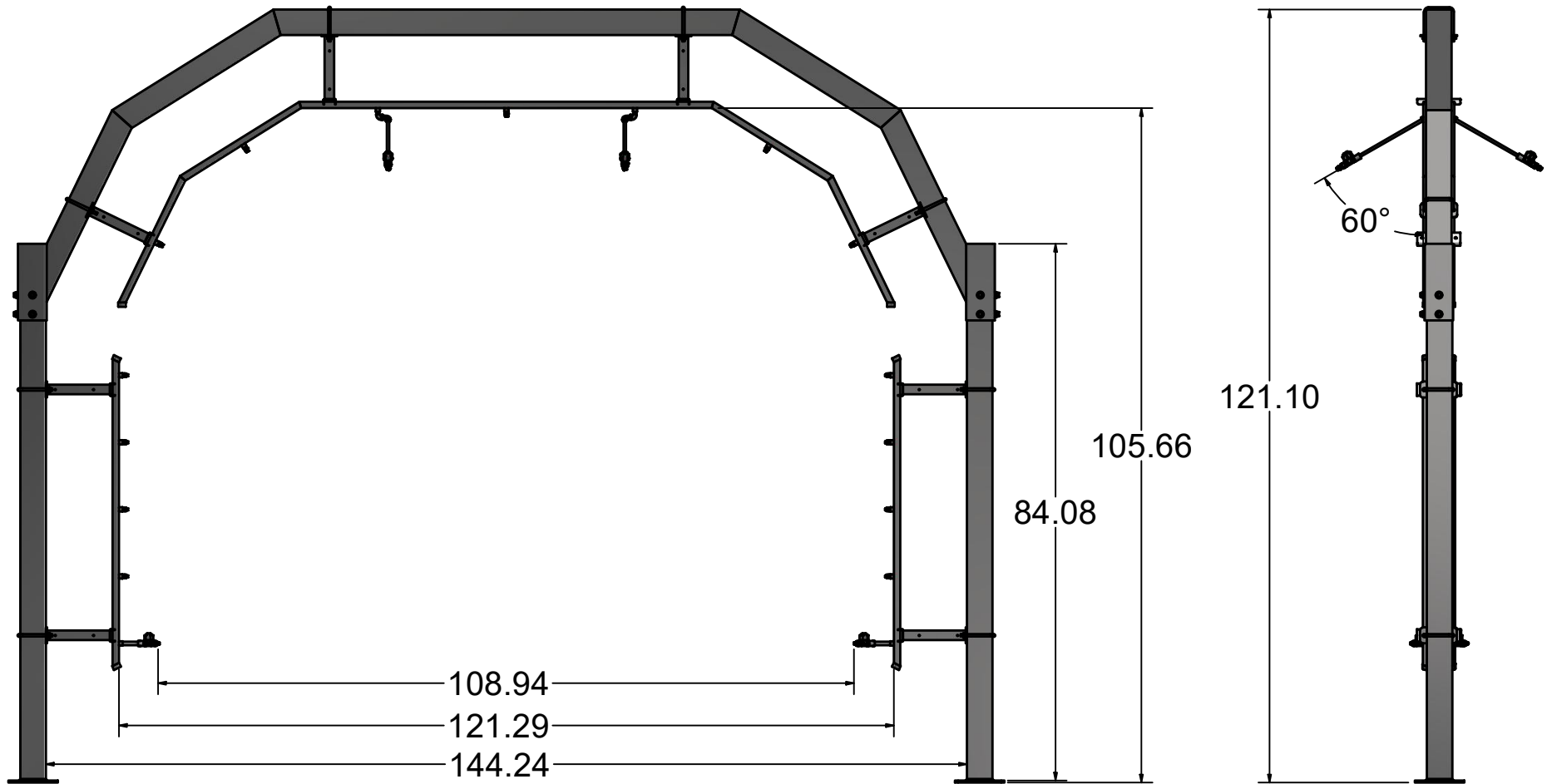


For Configuration R, the width between the legs is 14'.

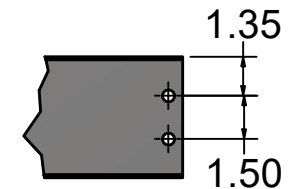
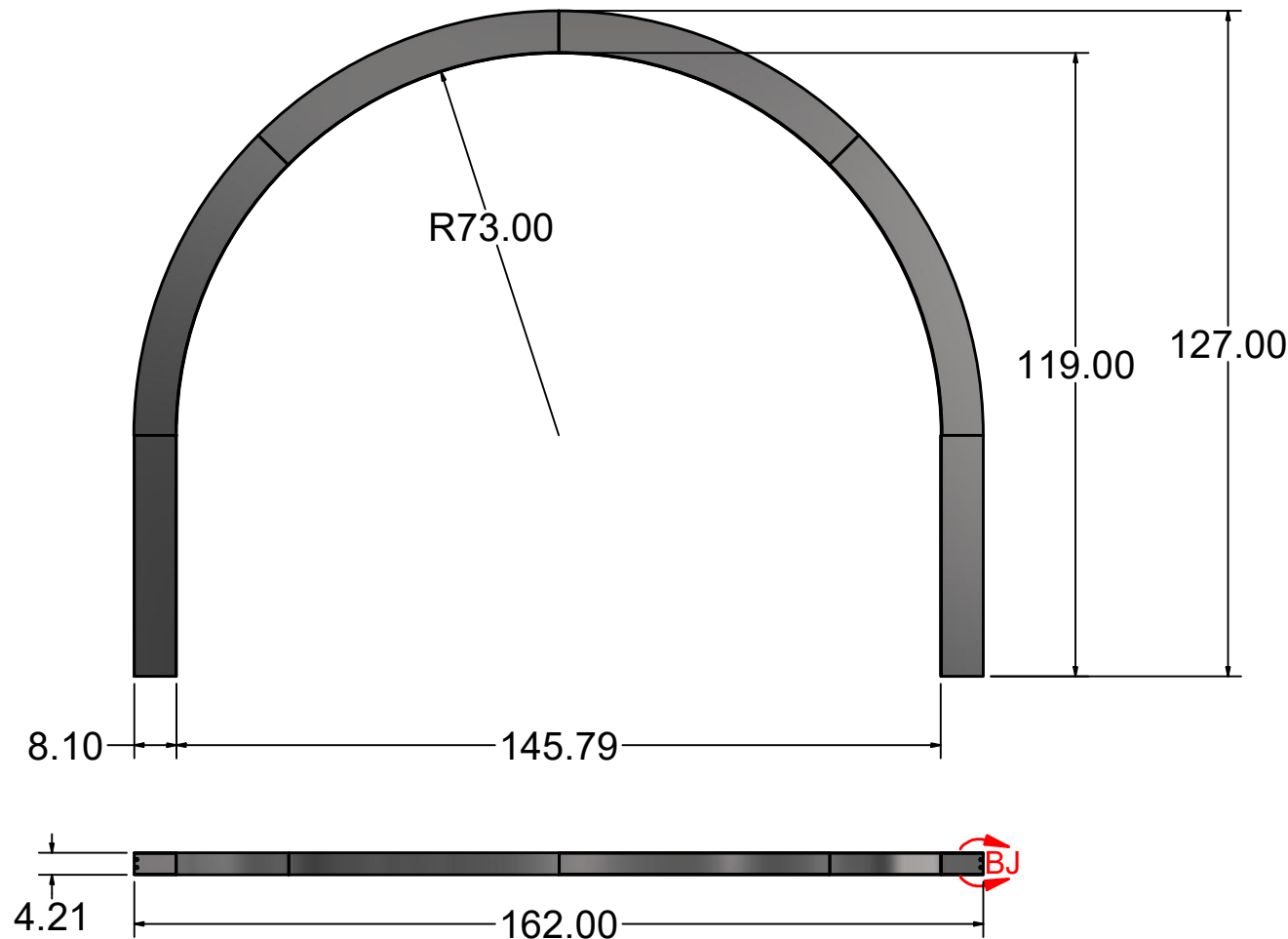
Configurations: U,V,W,X



Configurations: Y,Z,AA



Configurations: AB



DETAIL BJ
SCALE .15: 1

INSTALLATION

Tools and Equipment Needed:

1. Standard hand tools (e.g., wrenches, screwdrivers)
2. Level and measuring tape.

Step 1: Site Preparation

1. Ensure the installation site meets specifications:
 - Chain and Roller Conveyor or Dual Belt Conveyor compatibility.
 - Access to water or chemical connections
2. Clean the area and verify no obstructions in the workplace

Step 2: Install Arch Legs

1. Position the arch legs and anchor the legs to the ground. Please refer to the torque specs.

Step 3: Install Arch Top Bar

1. Position the top bar by sliding the sleeve ends through the legs.
2. Make sure the sleeves are flush with the top of the legs, or you can adjust the height based on your requirement.

TORQUE TABLE Apply to all fasteners, unless specified otherwise. +/- 10% tolerance			
Nom Dia	Threads per Inch	Torque (in-lbs)	Torque (ft-lbs)
2	56	2.5	-
4	40	5.4	-
5	40	8.0	-
6	32	10.0	-
8	32	18.4	-
10	24	26.6	-
1/4	20	63.6	-
5/16	18	131	-
3/8	16	-	19.4
7/16	14	-	31.0
1/2	13	-	47.0
5/8	11	-	94.0
3/4	10	-	125.0
7/8	9	-	202.0
1	8	-	303.0

3. Tighten the square screws against the legs to secure the top bar in place.

Step 4: Connect Water/Chemical Lines

1. Connect the water/chemical lines to the manifolds.

Step 5: Final Inspection

1. Recheck all bolts, nuts, and connections.
2. Perform a test run of the arches with the conveyor operational.

Step 6: Handover and Maintenance

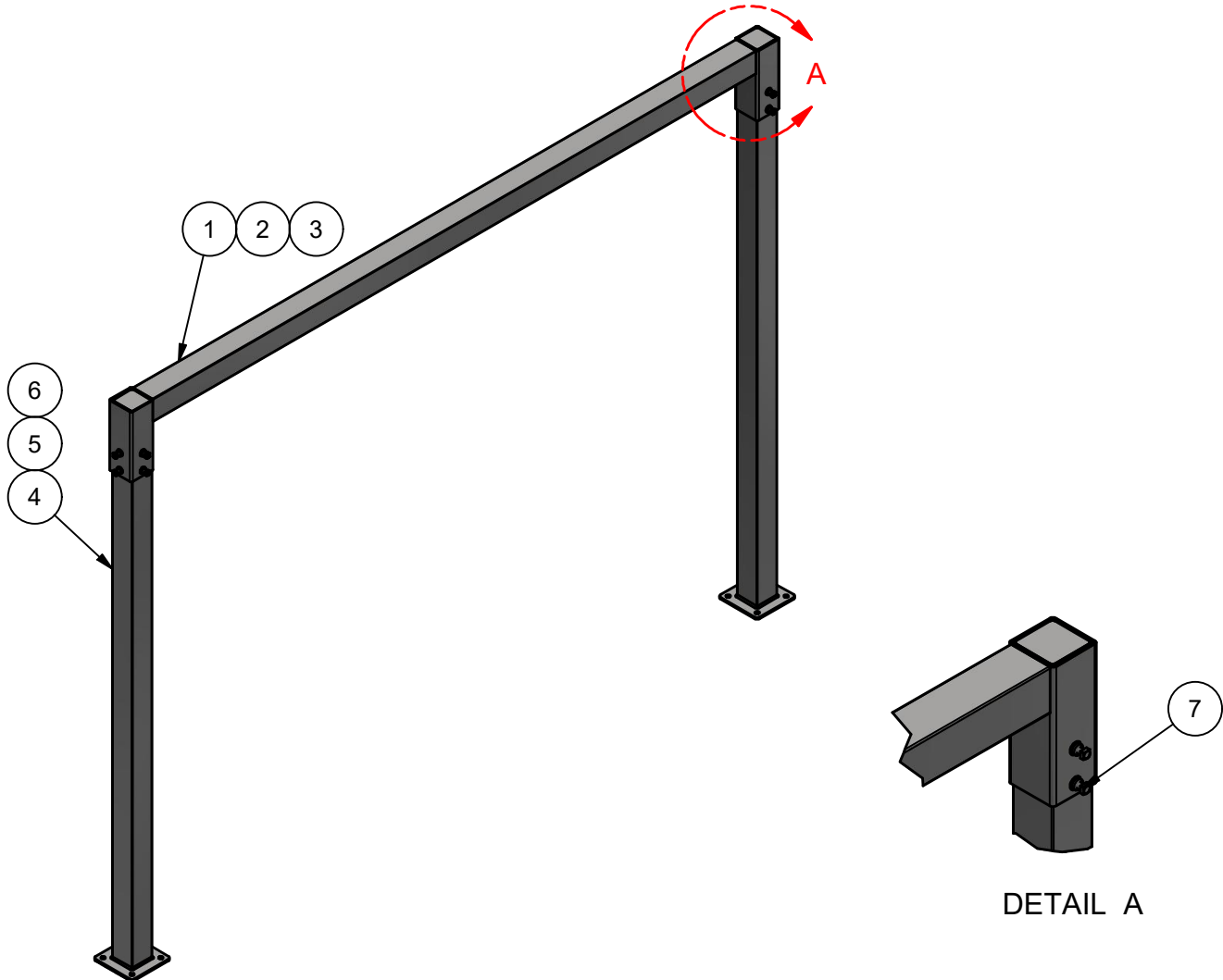
1. Provide training on operating and maintaining the arches.
2. Share contact information for technical support (techsupport@avwequipment.com).

MAINTENANCE

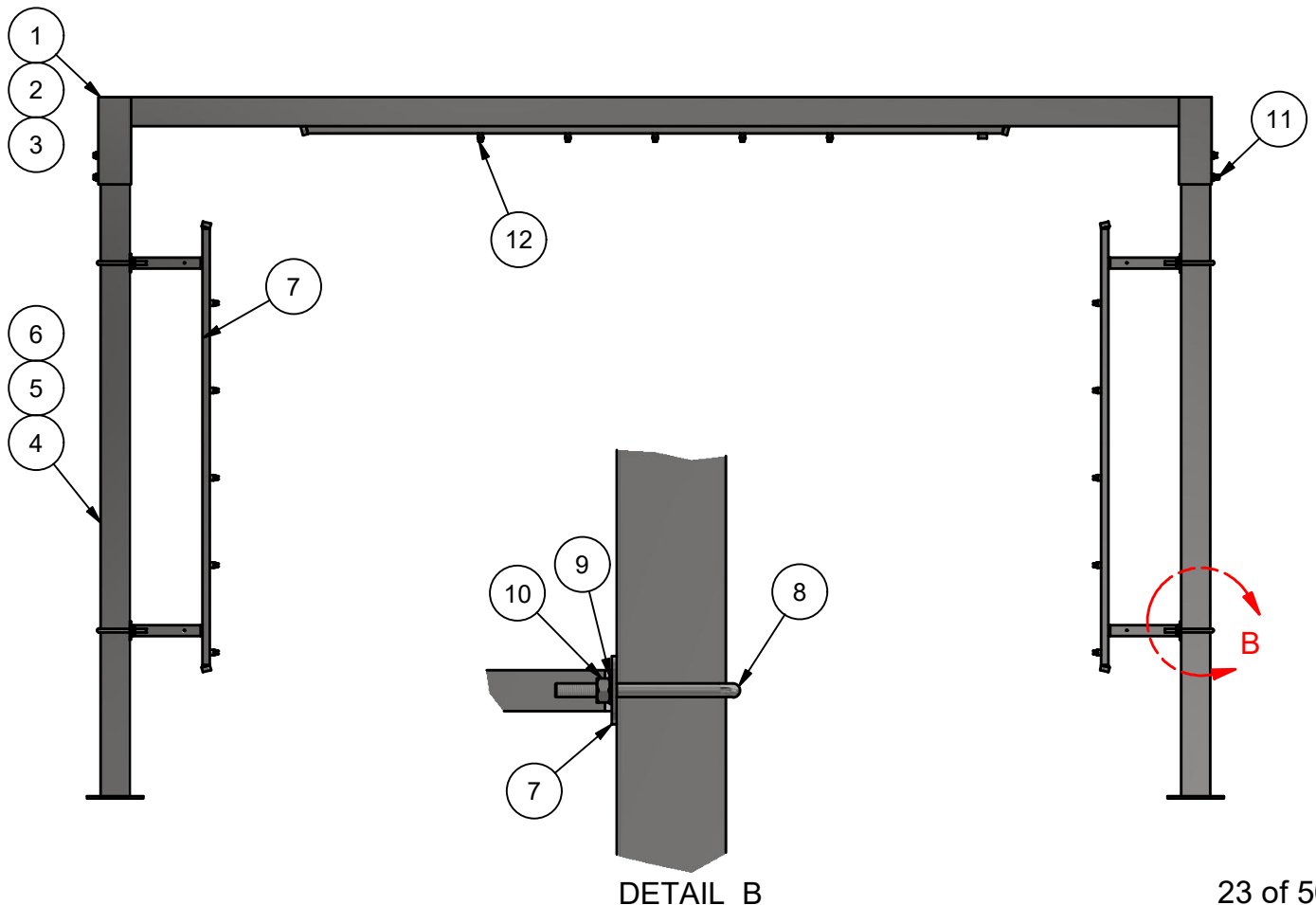
1. Recommended to check the tightness of the square bolts that hold the top bar periodically.
2. Recommended to clean the manifolds daily to avoid dirt mix-up.

ARCHES - TOP LEVEL ASSEMBLIES

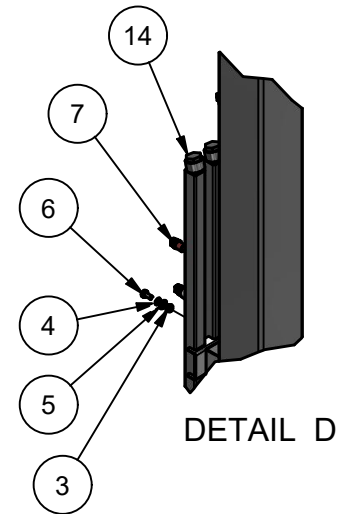
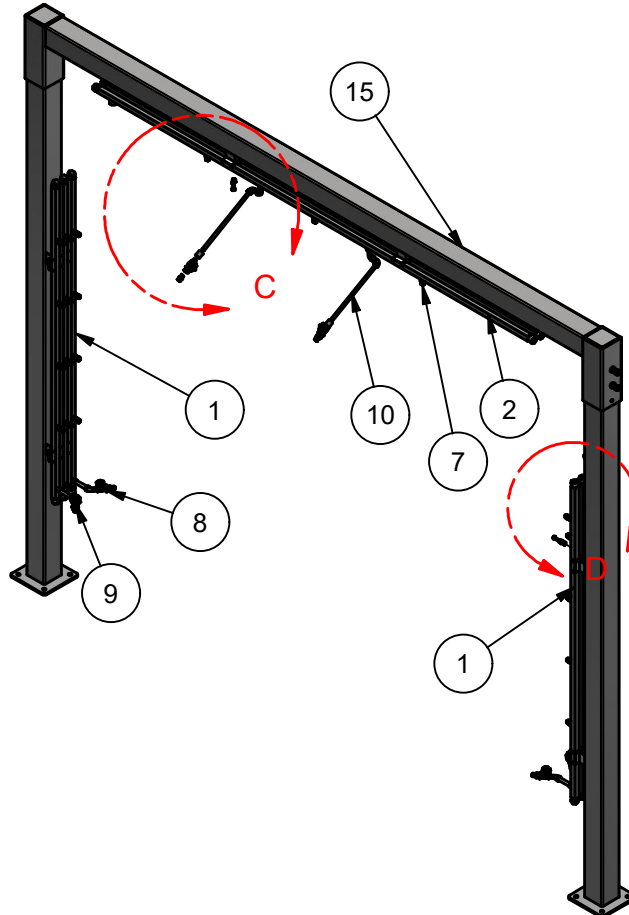
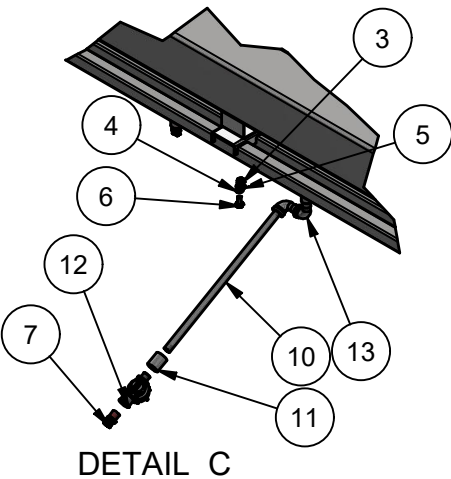
Parts List				
ITEM	PART NUMBER	QTY	DESCRIPTION	ID
1	AA0B	1	Empty Arch Top Bar Assembly, 10' Wide	A,D
2	AA0B-12	1	Empty Arch Top Bar Assembly, 12' Wide	B,E
3	AA0B-14	1	Empty Arch Top Bar Assembly, 14' Wide	C
4	AA0A	2	Sq. Leg Straight 96" LG 11Ga	A,B,C,F,G,H
5	AA0A-Z	1	Z-Leg for Empty Arch. 96" LG	D
6	AA0A-Z-12113	1	Z-Leg for Empty Arch. 113" LG	E
7	SQHS1213100	8	Sq. Head Set ScREW 1/2"-13 x 1" LG SS	All Configurations



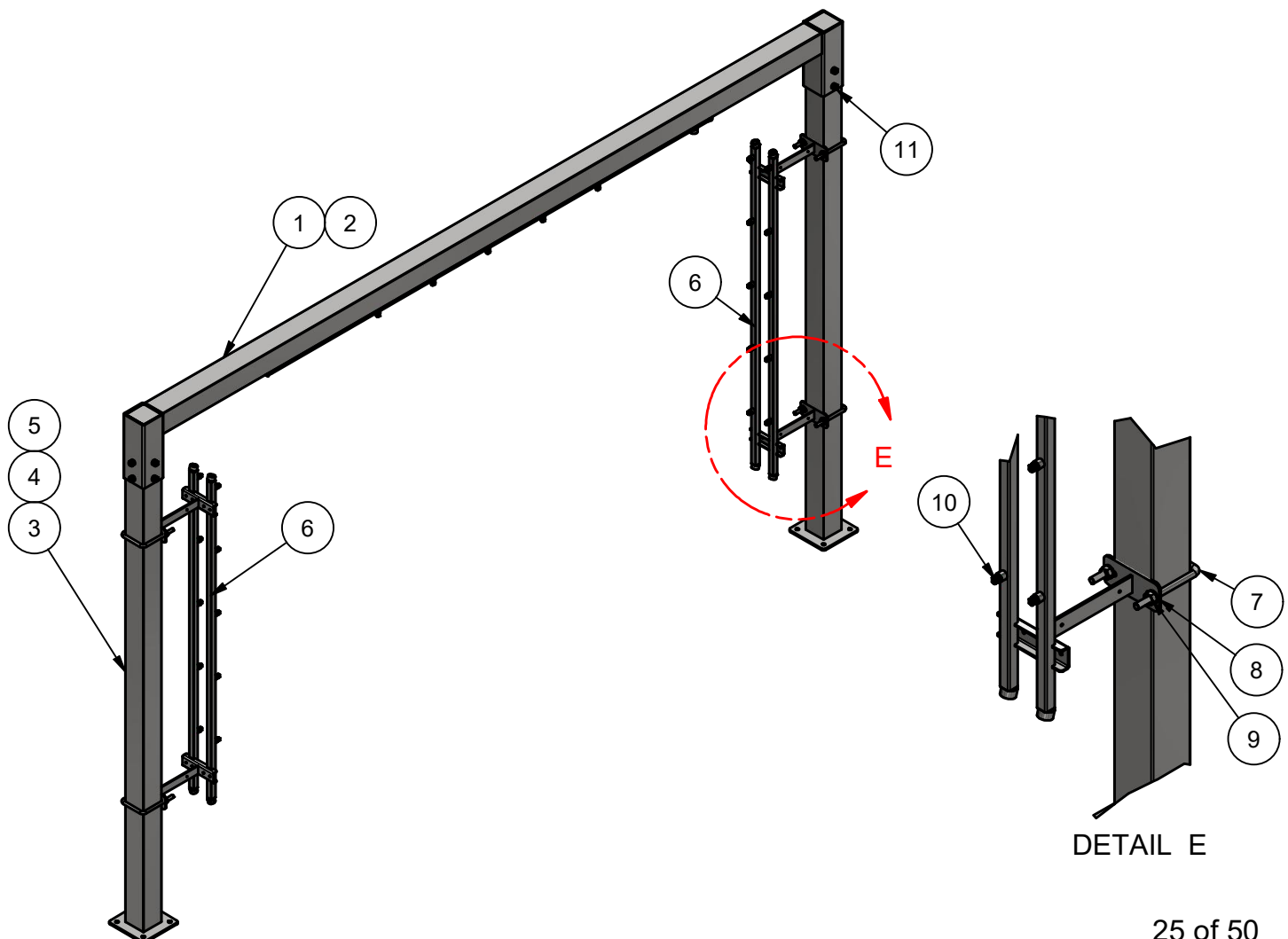
Parts List				
ITEM	PART NUMBER	QTY	DESCRIPTION	ID
1	AA1B-12	1	Applicator Arch Top Crossbar Assembly, 12' Wide	G
2	AA1B-14	1	Applicator Arch Top Crossbar Assembly, 14' Wide	H
3	AA1B	1	Applicator Arch Top Crossbar Assembly, 10' Wide	F,J
4	AA0A	2	Empty Arch Leg Assembly	G,H
5	AA1A	1	Applicator Arch Sq. Leg Straight 96" LG w/ Manifold	F
6	AA1A-LPC	1	Applicator Arch Sq. Leg Straight 108" LG w/ Manifold	J
7	AA1A-12	2	12' Applicator Arch Side Manifold Bracket	G,H
8	UB-SQ050x1500	4	Square U Bolt D 1/2" x 4" x 6 1/4" LG	G,H
9	SLW12	8	1/2" Split Lock Washer	G,H
10	HN1213	8	Hex Nut, 1/2-13, SS	G,H
11	SQHS1213100	8	Sq. Head Set ScREW 1/2"-13 x 1" LG SS	All Configurations
12	NZ14-03E90	15	Nozzle 1/4" MNPT 03 90°, RED	All Applicator Arches



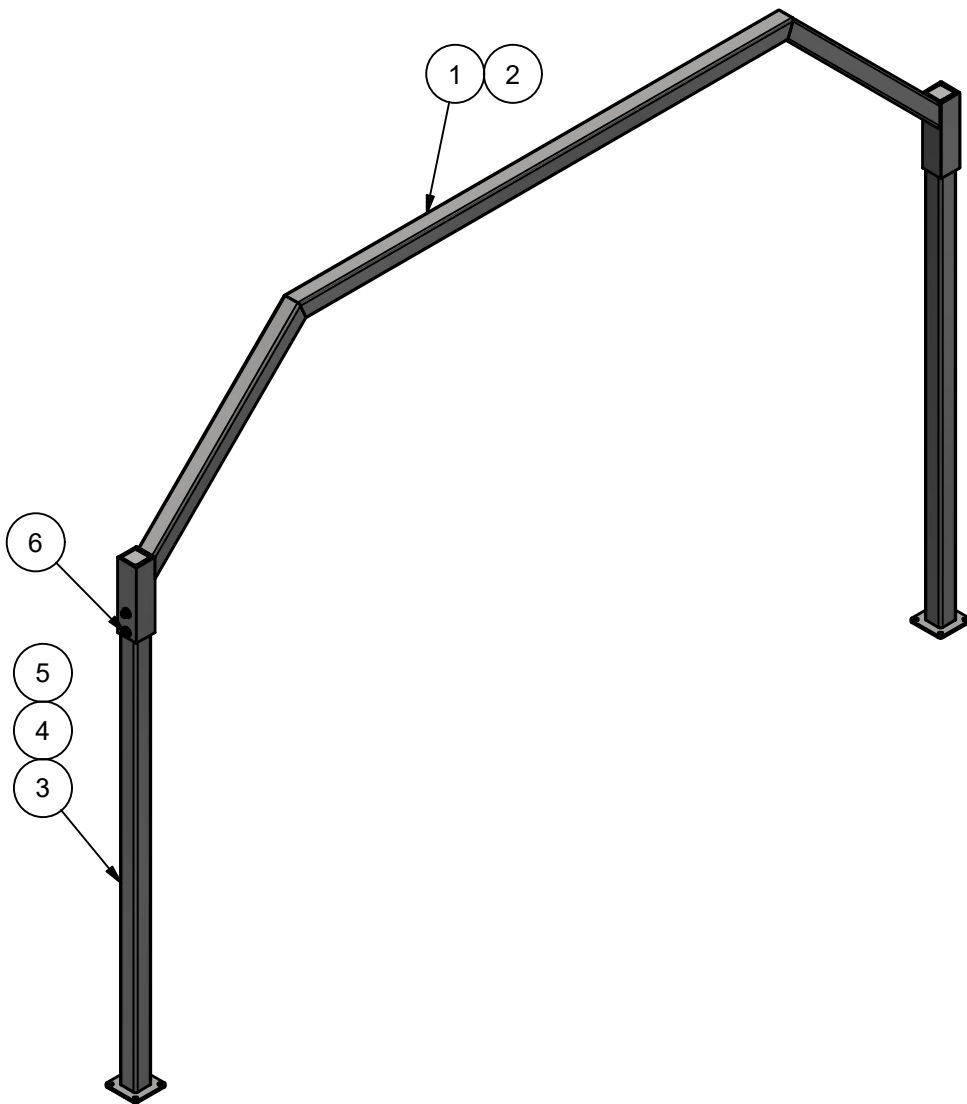
Parts List				
ITEM	PART NUMBER	QTY	DESCRIPTION	ID
1	AA1X3B	2	Triple Welded Side Manifold 60" L	I
2	AA1X3C	1	Triple Welded Top Manifold 96" L	I
3	HN1420	12	Hex Nut: 1/4"-20, SS	I
4	SLW14	12	Split Lock Washer: 1/4" SS	I
5	FW14	12	Flat Washer 1/4" 18-8 (USS wide)	I
6	HHCS1420050	12	1/4" - 20 x 0.5" UNC Hex Screw	I
7	NZ14-03E90	40	Nozzle 1/4" MNPT 03 90°, RED	All Applicator Arches
8	AA1X3D	2	45 Degree Spray Assembly Driver	I
9	AA1X3E	2	45 Degree Spray Assembly Passenger	I
10	NPL3040251200	4	1/4" x 12" NPT - TBE Nipple	I,X,Y,Z,AA
11	FC304025	4	1/4" NPT - Full Coupling SS	I,X,Y,Z,AA
12	V-DC14X14-25LB	4	1/4" NPT Check Valve - 25 Psi	I,X,Y,Z,AA
13	EL90S304025	8	Elbow--90° (Street): 1/4"NPT, 150# SS 304	I,X,Y,Z,AA
14	SAE140109P-8	18	Hex Plug 1/2" NPT	
15	AA1X3A	1	Empty Arch 108" LG w/ Brackets for Manifold Welded	I



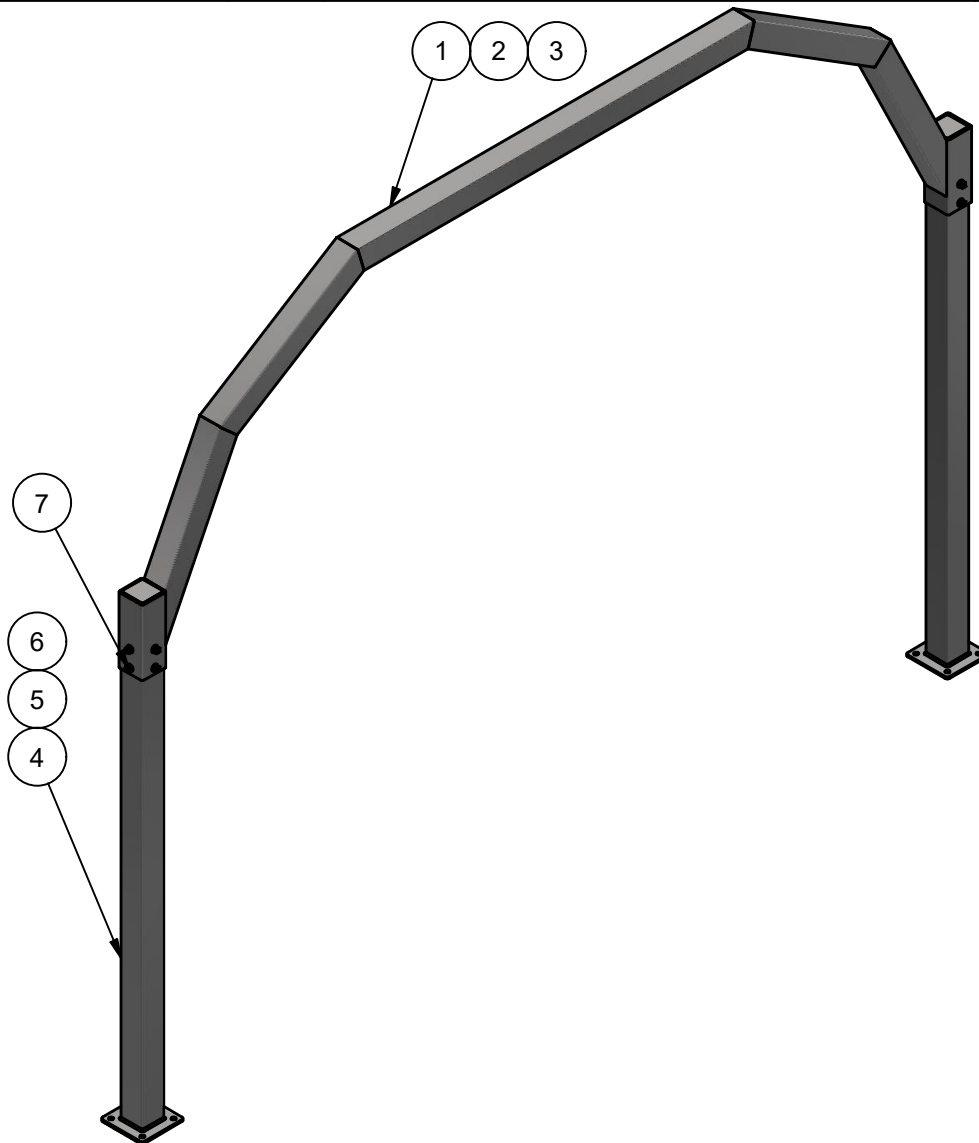
Parts List				
ITEM	PART NUMBER	QTY	DESCRIPTION	ID
1	AA2B-12	1	Dual Applicator Arch Top Bar Assembly 12 Ft	L
2	AA2B	1	Dual Applicator Arch Top Bar Assembly 10 Ft	K,M
3	AA0A	2	Empty Arch Leg Assembly 96 in LG	L
4	AA2A	1	Dual Applicator Arch Sq. Leg Straight 96 in LG w Manifold	K
5	AA2A-LPC	1	Dual Applicator Arch Leg, 108"LG w/Manifold	M
6	AA2A-12	2	12' Wide Dual Applicator Arch Manifold Assembly	L
7	UB-SQ050x1500	4	Square U Bolt D 1/2" x 4" x 6 1/4" LG	L
8	SLW12	8	1/2" Split Lock Washer	L
9	HN1213	8	Hex Nut, 1/2-13, SS	L
10	NZ14-03E90	30	Nozzle 1/4" MNPT 03 90°, RED	L
11	SQHS1213100	8	Sq. Head Set ScREW 1/2"-13 x 1" LG SS	All Configurations



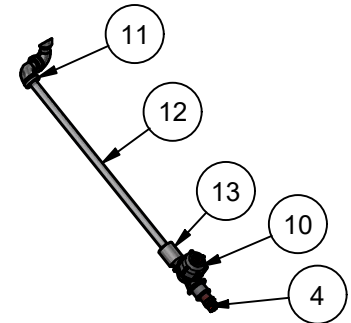
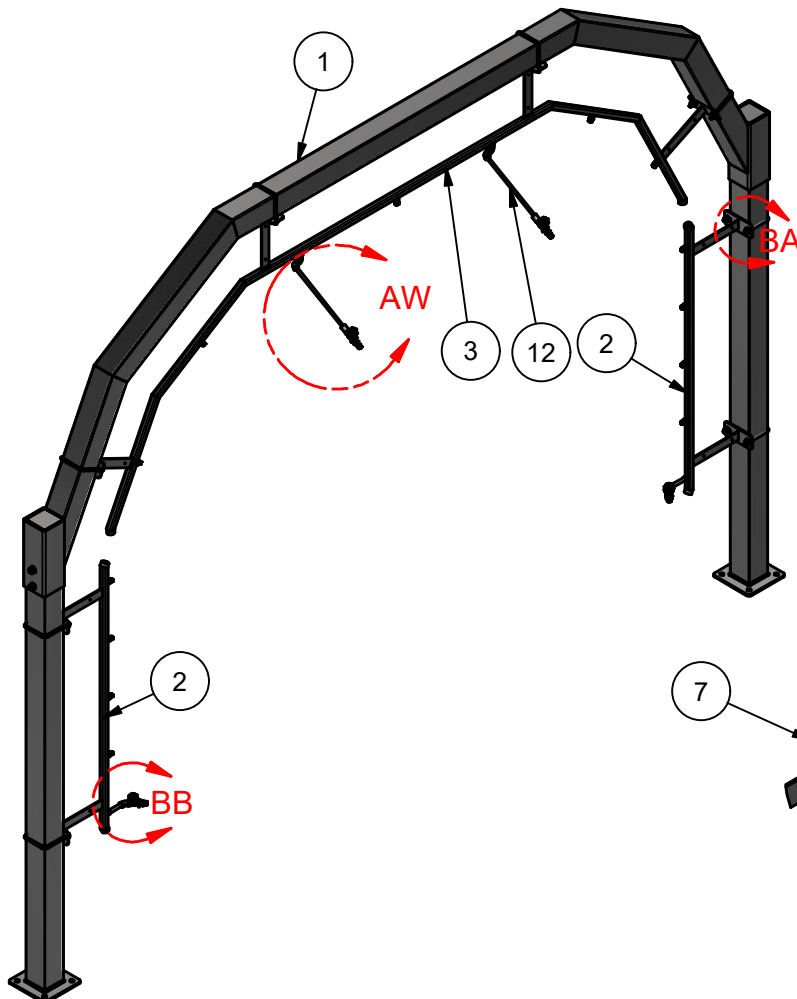
Parts List				
ITEM	PART NUMBER	QTY	DESCRIPTION	ID
1	AA0A-3X3-5269	1	Top Crossbar, 12'	N
2	FM1AA-C	1	Penta Arch - Top Crossbar 12'	O,P
3	AA0B-3X3-5269	2	Staight Leg 84" Leg	N
4	AA0A	1	Sq. Leg Straight 96" LG 11Ga	O
5	BL2A-Z	1	Penta Arch - Z- Leg of Finishing Module	P
6	SQHS1213100	1	Sq. Head Set Scew 1/2"-13 x 1" LG SS	All Configurations



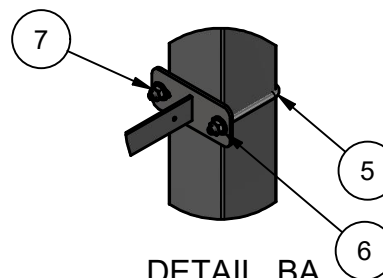
Parts List				
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2	OT2-AA07B-14	1	Octa ² Empty Arch Crossbar 14 Ft	R
3	OT2-AA0B-0622	1	Octa ² Empty Arch Crossbar 12 Ft w/ 3 Access Holes	S
4	OT2-AA0A	2	Sq. Leg Straight 84" LG	Q,R,T
5	OT2-AA0A-0622	1	Sq. Leg Straight 84" LG w/ 3 Access Holes	S
6	OT2-AA0A-Z	1	Z-Leg of Empty Arch, 84in LG	T
7	SQHS1213100	8	Sq. Head Set Scew 1/2"-13 x 1" LG SS	All Configurations



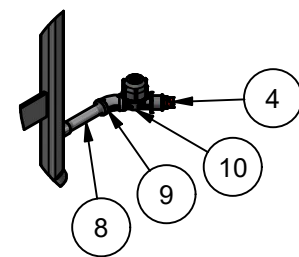
Parts List				
ITEM	PART NUMBER	QTY	DESCRIPTION	ID
1	OT2-AA0	1	Octa ² Empty Arch	U,V,W,X,Y,Z,AA
2	OT2-AA1A	2	Side Rinse Single Manifold Octa ² Rinse Arch, Manifold Only	V,W,X
3	OT2-AA1B	1	Octa ² Top Rinse Manifold	V,W,X
4	NZ14-03E90	17	Nozzle 1/4" MNPT 03 90°, RED	All Applicator Arches
5	UB-SQ0375x1400	8	Square U Bolt 3/8" x 4" x 5" LG	U,X,Y,Z,AA
6	FW38	16	Flat Washer: 3/8" SS	L,U,V,W,X,Y,Z,AA
7	HN3816	16	Hex Nut: 3/8"-16 SS	L,U,V,W,X,Y,Z,AA
8	NPL304025300	2	Nipple - 1/4" NPT x 3" L SS	I,X,Y,Z,AA
9	EL45304025	2	45° Elbow, 304SS, [Female]; 1/4" NPT, 150 Psi	I,X,Y,Z,AA
10	V-DC14X14-25LB	4	1/4" NPT Check Valve - 25 Psi	I,X,Y,Z,AA
11	EL90S304025	4	Elbow--90° (Street): 1/4"NPT, 150# SS 304	I,X,Y,Z,AA
12	NPL3040251200	2	1/4" x 12" Nipple	I,X,Y,Z,AA
13	FC304025	2	Coupling-Full, 1/4"NPT, 150#, 304SS	I,X,Y,Z,AA



DETAIL AW

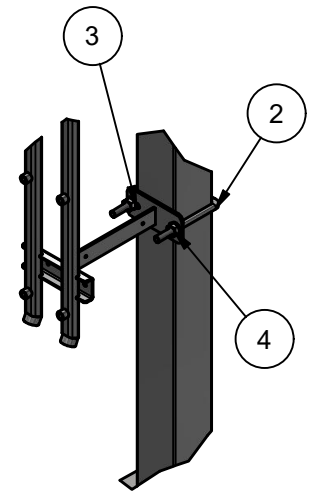
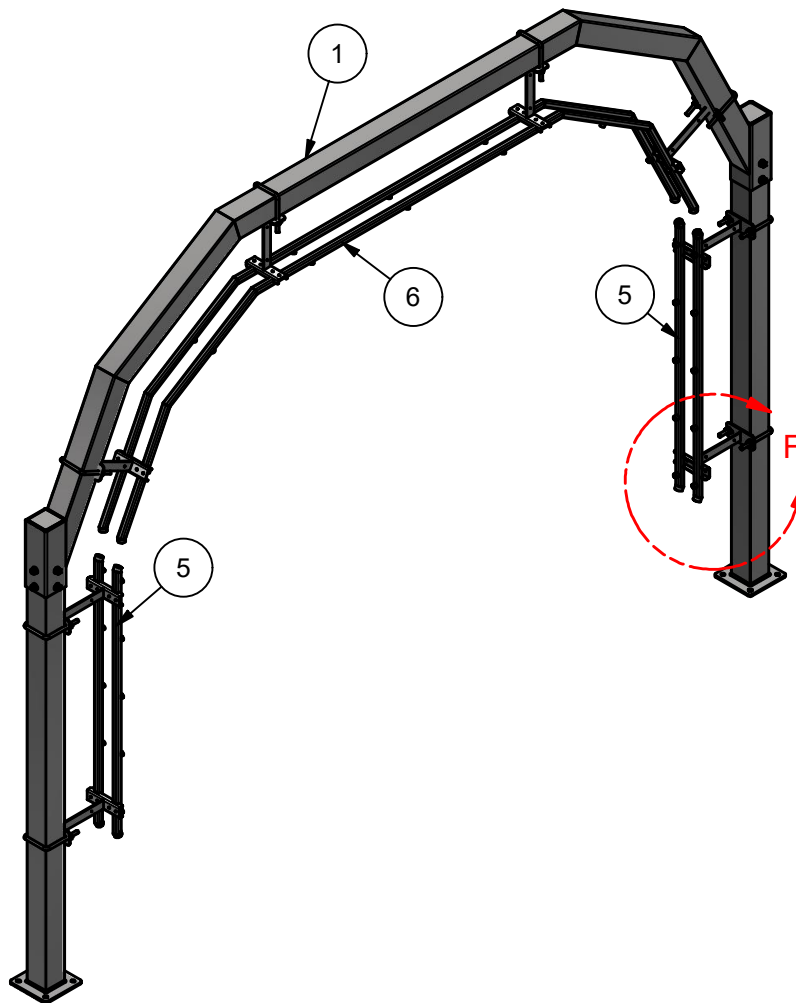


DETAIL BA



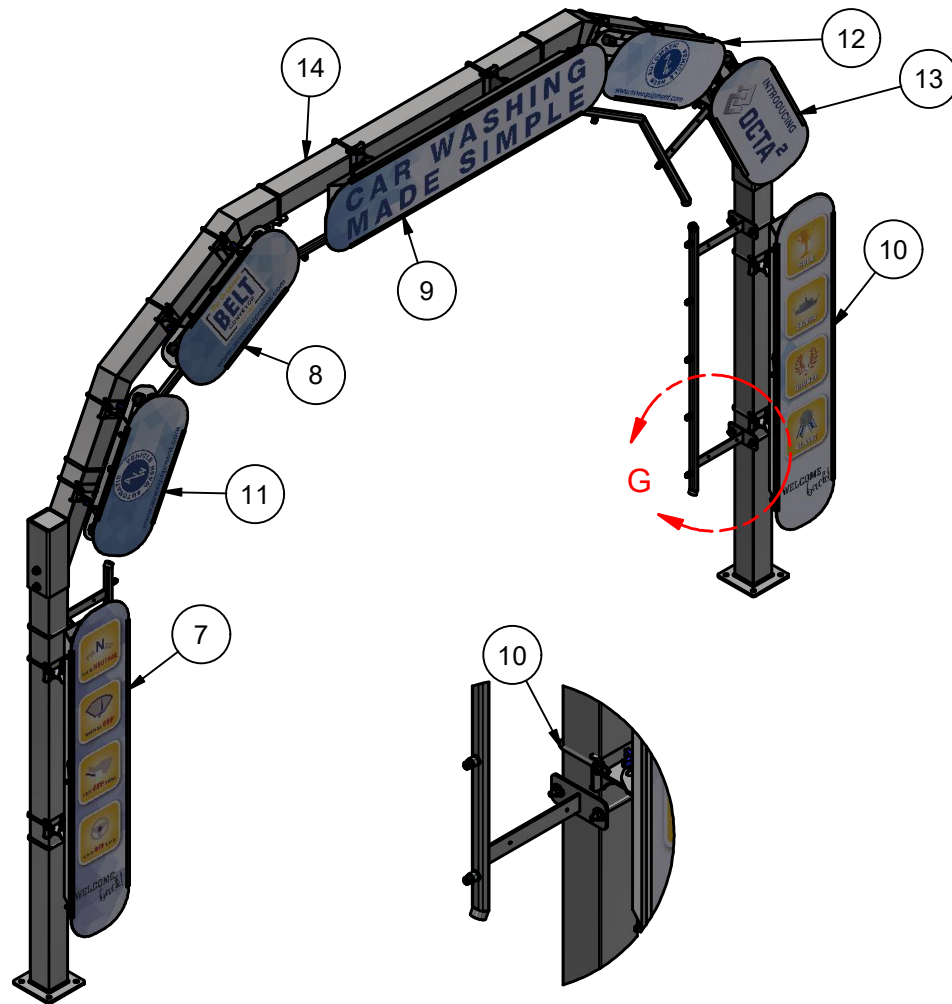
DETAIL BB

Parts List				
ITEM	PART NUMBER	QTY	DESCRIPTION	ID
1	OT2-AA0	1	Octa ² Empty Arch	U,V,W,X,Y,Z,AA
2	UB-SQ050x1500	8	Square U Bolt D 1/2" x 4" x 6 1/4" LG	G,H,V
3	SLW12	16	1/2" Split Lock Washer	G,H,V
4	HN1213	16	Hex Nut, 1/2-13, SS	G,H,V
5	OT2-AA2A	2	Side Manifold for Octa ² Dual Manifold Applicator Arch	U,Y
6	OT2-AA2B	1	Top Manifold for Octa ² Dual Manifold Applicator Arch	U,Y



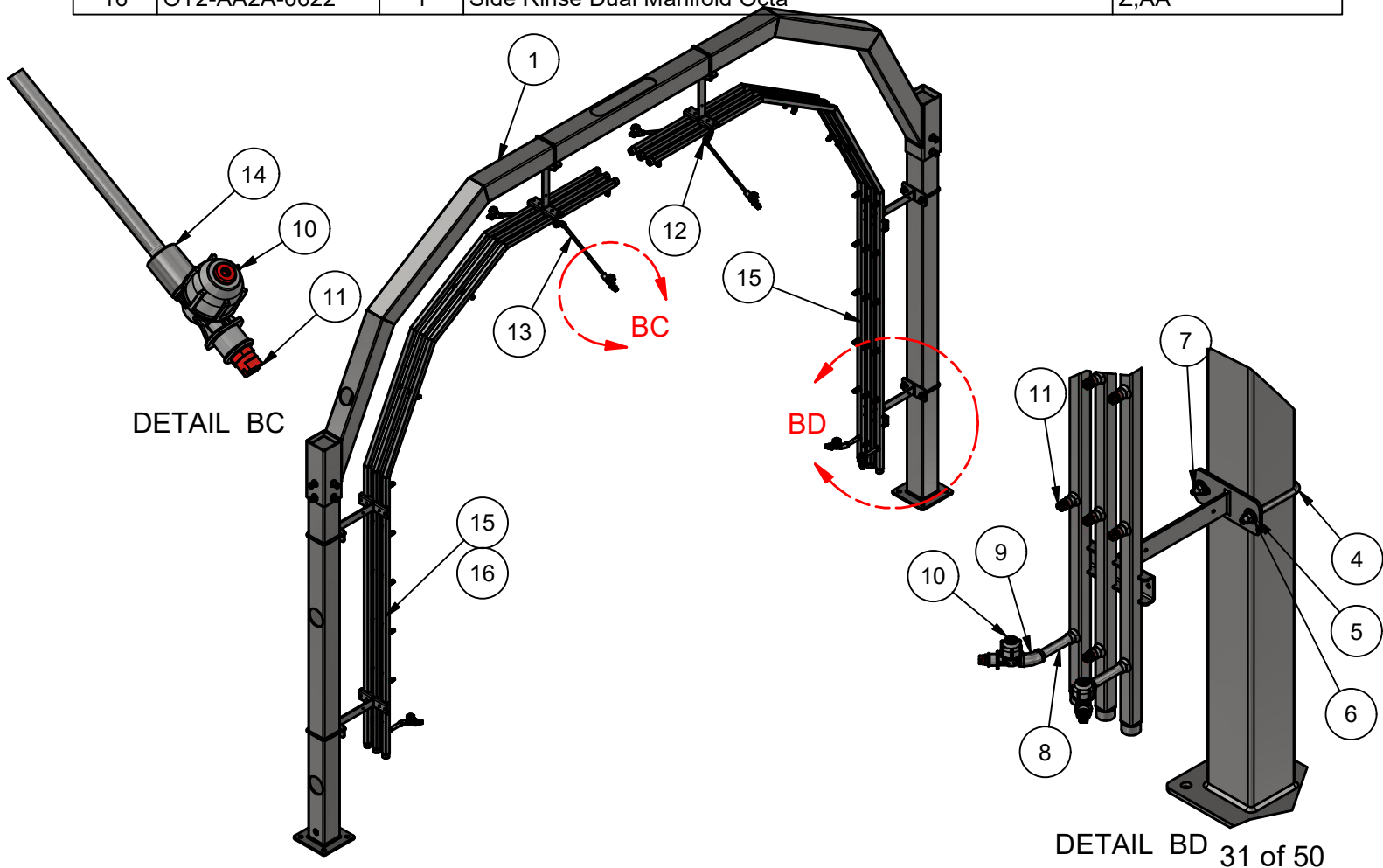
DETAIL F

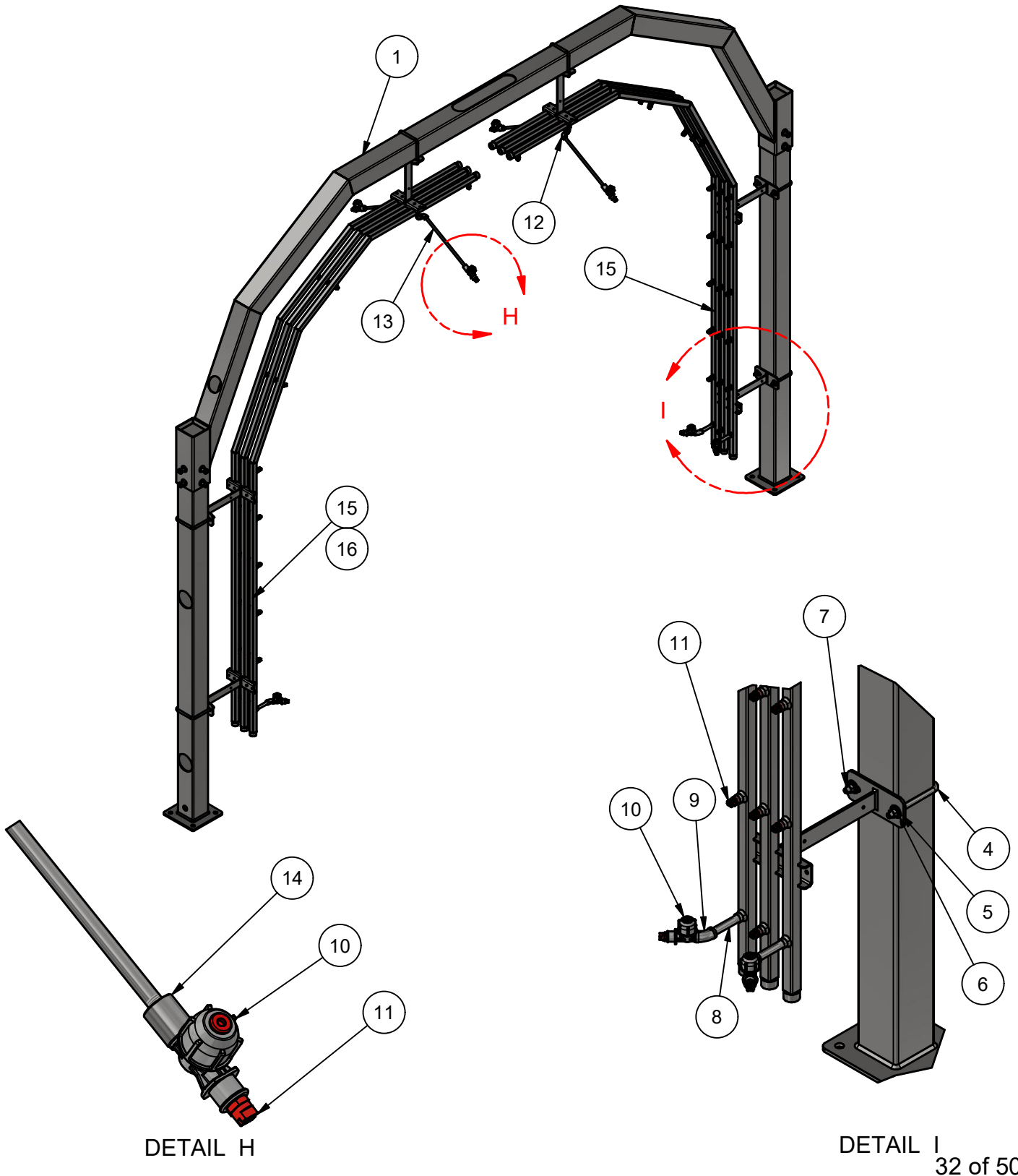
Parts List				
ITEM	PART NUMBER	QTY	DESCRIPTION	ID
7	LSPM0121A	1	Signage Large Side Panel - Left	V
8	LSPM0121B	1	Signage Small Top Corner Panel - Left 1	V
9	LSPM0121C	1	Signage Large Top Panel	V
10	LSPM0121D	1	Signage Large Side Panel - Right	V
11	LSPM0121E	1	Signage Small Top Corner Panel - Left #2	V
12	LSPM0121F	1	Signage Small Top Corner Panel - Right #1	V
13	LSPM0121G	1	Signage Small Top Corner Panel - Right #2	V
14	OT2-AA1	1	Octa ² Applicator Arch	W



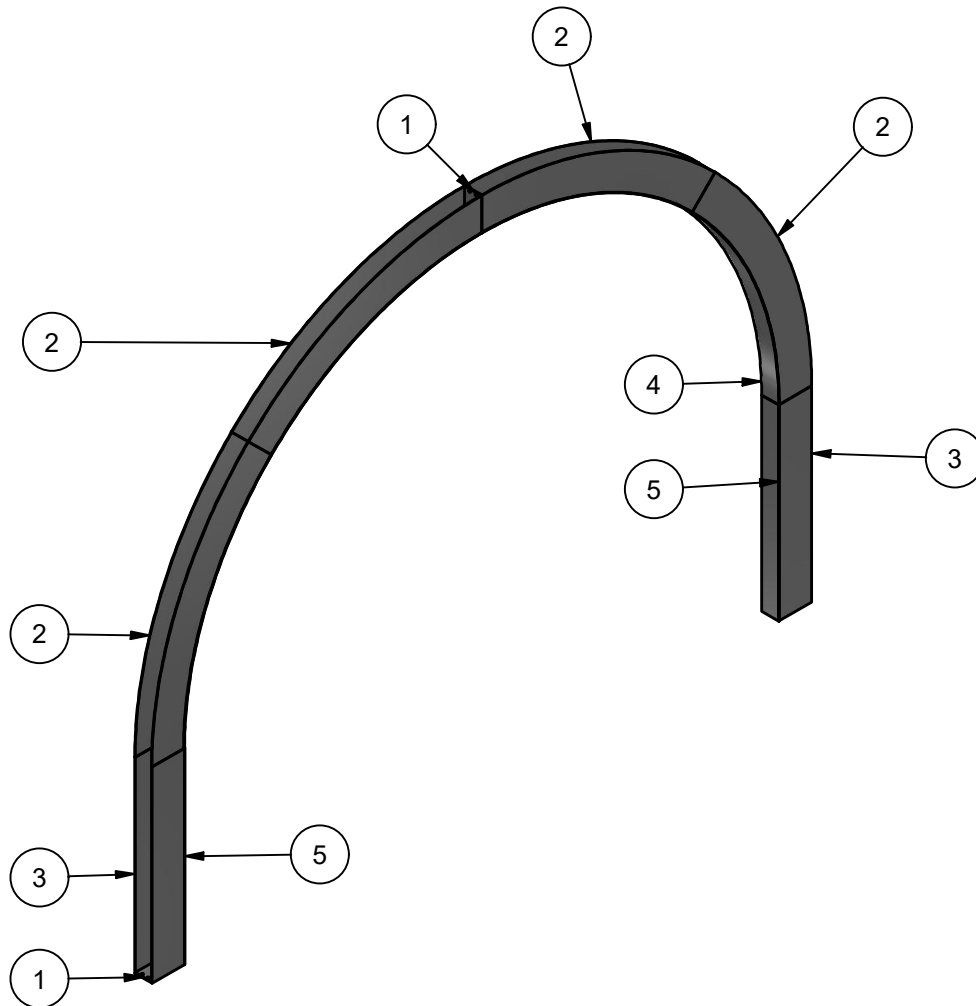
DETAIL G

Parts List				
ITEM	PART NUMBER	QTY	DESCRIPTION	ID
1	OT2-AA0-0622	1	Arch (Empty), Octa ² , with Access Holes	Z,AA
4	UB-SQ0375x1400	6	Square U Bolt 3/8" x 4" x 5" LG	U,X,Y,Z,AA
5	FW38	12	Flat Washer: 3/8" SS	U,X,Y,Z,AA
6	SLW38	12	3/8" Split Lock Washer	U,X,Y,Z,AA
7	HN3816	12	Hex Nut: 3/8"-16, SS	U,X,Y,Z,AA
8	NPL304025300	4	Nipple - 1/4" NPT x 3" L SS	I,X,Y,Z,AA
9	EL45304025	4	45° Elbow, 304SS, [Female]; 1/4" NPT, 150 Psi	I,X,Y,Z,AA
10	V-DC14X14-25LB	8	1/4" NPT Check Valve - 25 Psi	I,X,Y,Z,AA
11	NZ14-03E90	60	Nozzle 1/4" MNPT 03 90°, RED	All Applicator Arches
12	EL90S304025	8	Elbow--90° (Street): 1/4"NPT, 150# SS 304	I,X,Y,Z,AA
13	NPL3040251200	4	1/4" x 12" Nipple	I,X,Y,Z,AA
14	FC304025	4	Coupling-Full, 1/4"NPT, 150#, 304SS	I,X,Y,Z,AA
15	OT2-AA3A-0622	2	Side Rinse Triple Manifold Octa ²	Z,AA
16	OT2-AA2A-0622	1	Side Rinse Dual Manifold Octa ²	Z,AA

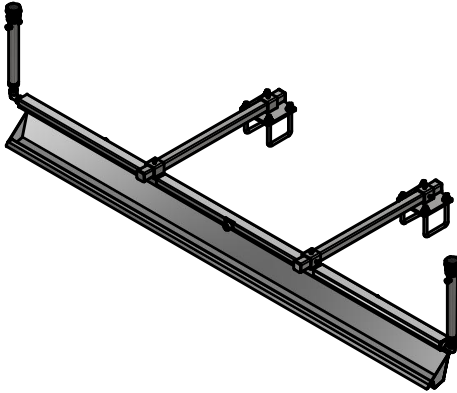




Parts List			
ITEM	PART NUMBER	QTY	DESCRIPTION
1	BWA1A	3	Joint Plate #1/4" x 8" x Varies
2	PLSS12GAX6400X0800X0H	8	SS Plate #12Ga. 64" x 8"
3	PLSS12GAX0800X4600X0H	4	SS Plate #12Ga. 46" x 8"
4	BWA1B	4	SS Plate #12Ga. 57 3/8" x Varies
5	BWA1C	2	SS Plate #12Ga. 46" x Varies

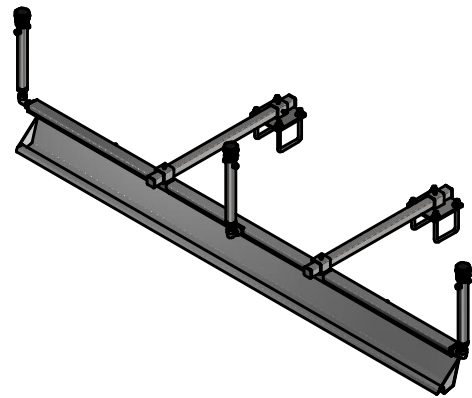


ACCESSORIES



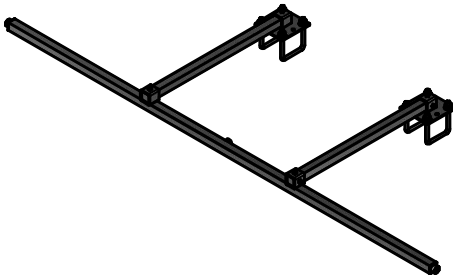
J1379

Avalanche with Two-part Rain Bar



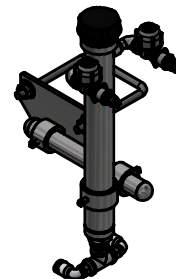
J3179-3155

Avalanche with Three part Rain Bar -2 Row-



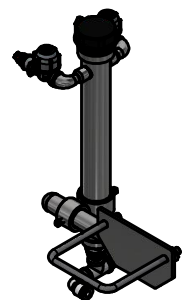
AA5D

Shower Rinse Top Manifold (Generic)

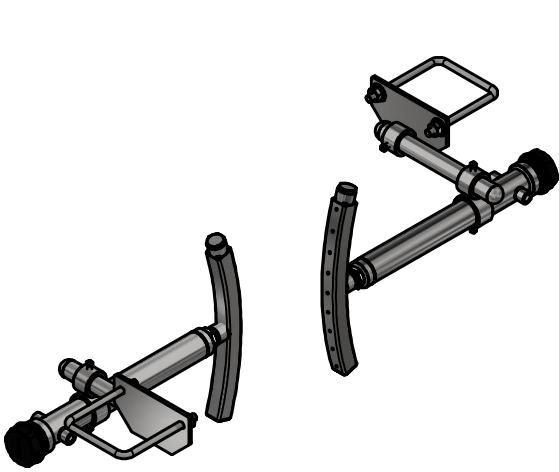


CTA3

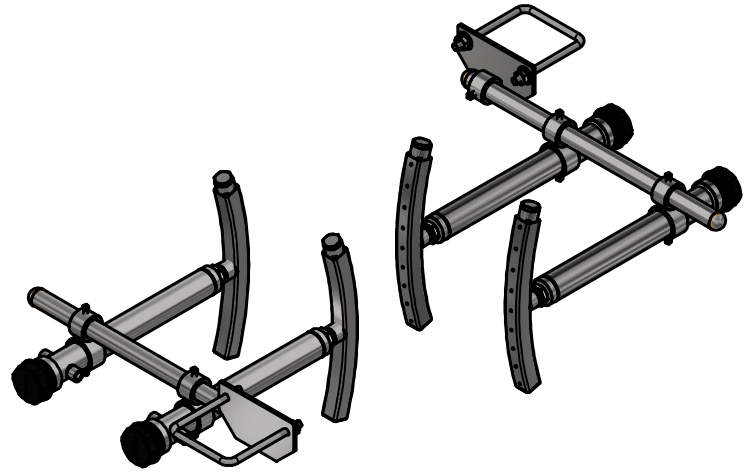
Chemical Tire Applicator Soap Former Style



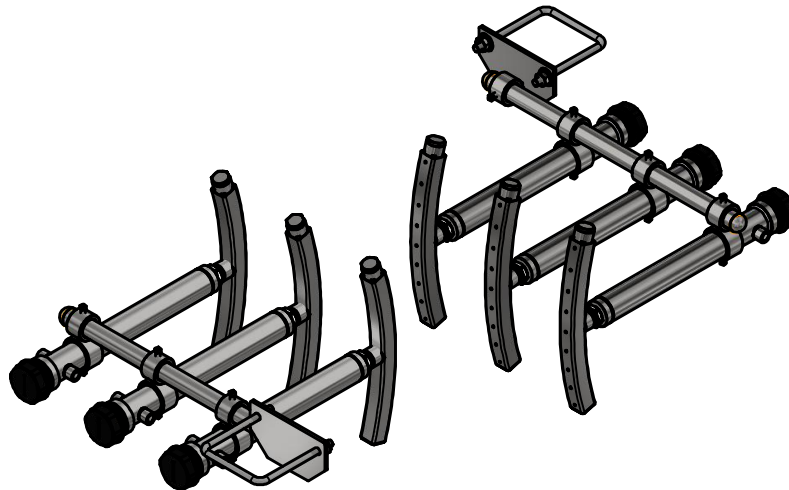
- AA5D-1 - Shower Rinse Top manifold (1 Row)
- AA5D-2 - Shower Rinse Top Manifold (2 Row)
- AA5D-3 - Shower Rinse Top Manifold (3 Row)
- AA5D-4 - Shower Rinse Top Manifold (4 Row)
- AA5D-5 - Shower Rinse Top Manifold (5 Row)



SF1117
Soaf Foamer Set

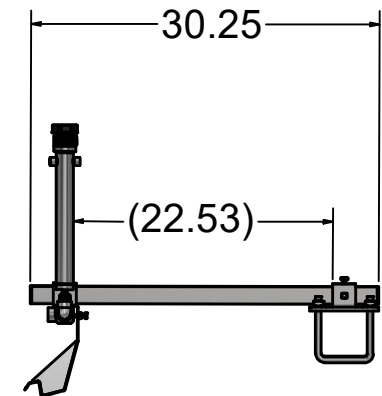
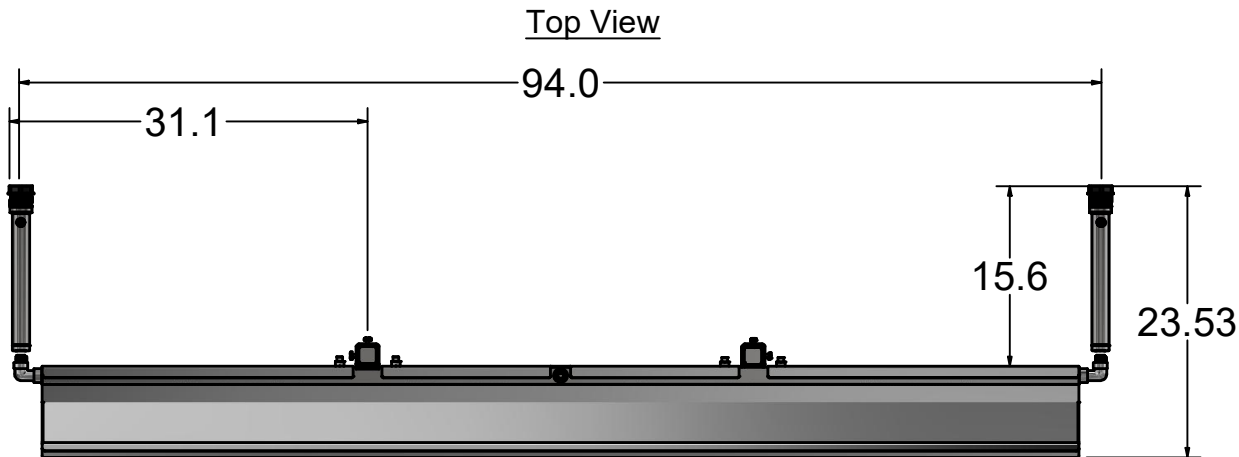
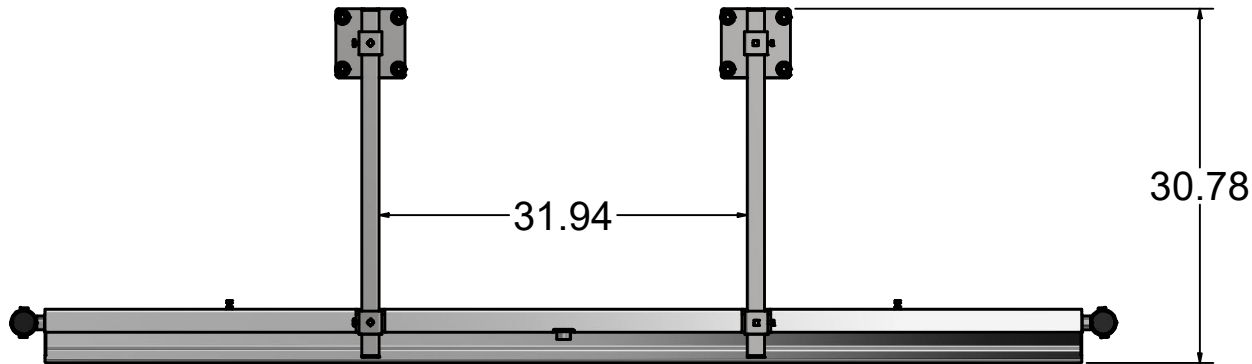


DF1117
Dual Soaf Foamer Set



TF1117
Triple Soaf Foamer Set

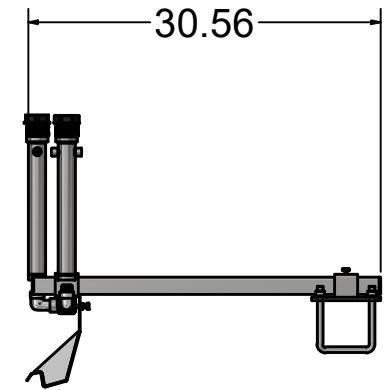
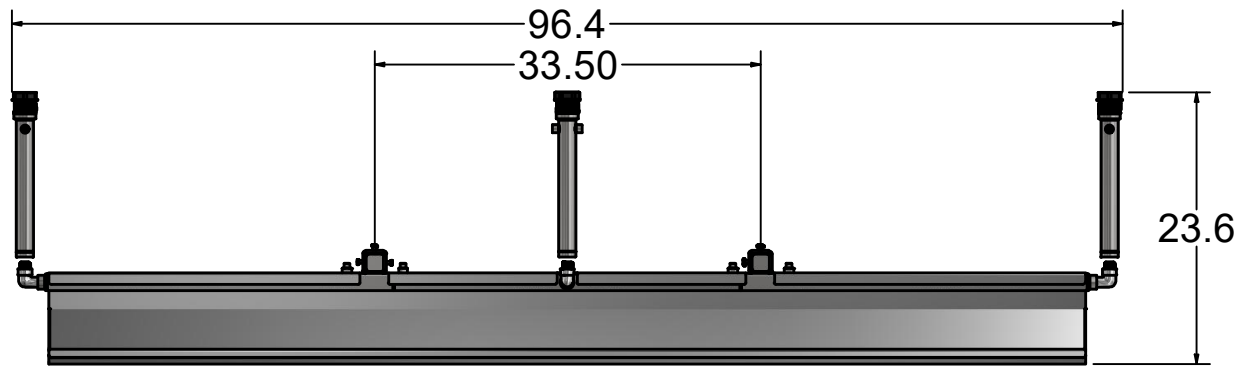
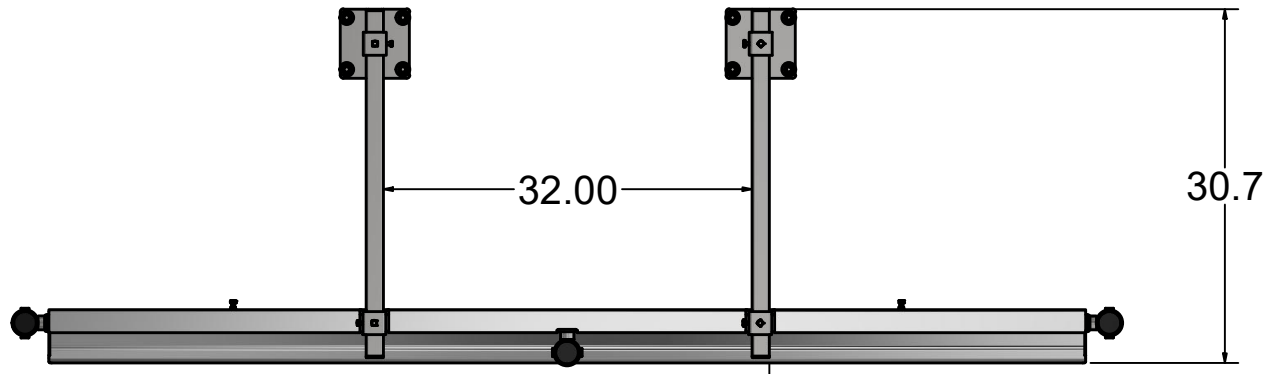
ACCESSORIES DIMENSIONS



J1379

Avalanche with Two-part Rain Bar

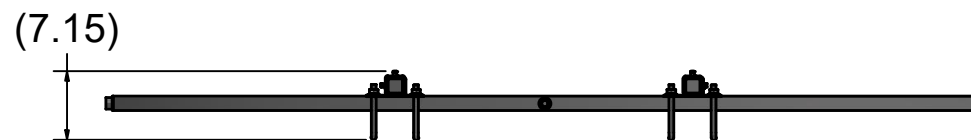
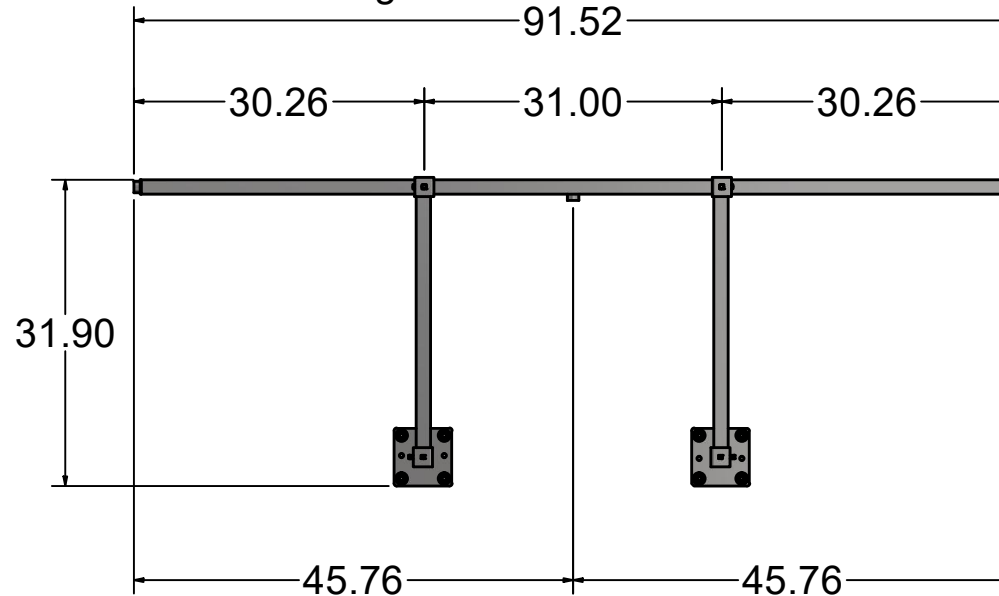
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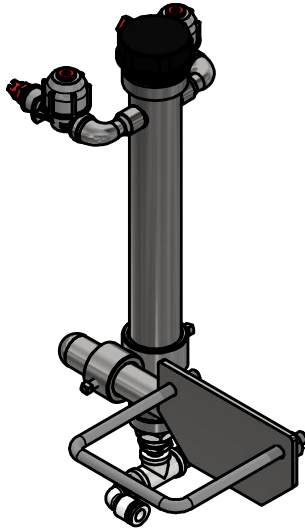
J3179-3155
Avalanche with three Part Rain bar

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Shower Rinse Top Manifolds are used to apply an even application of water or chemicals. Rinse manifolds come with an option of 1, 2, 3, 4, or 5 Rows. They include 1/2" NPT Female connections and are designed to be mounted to most AVW Arches.

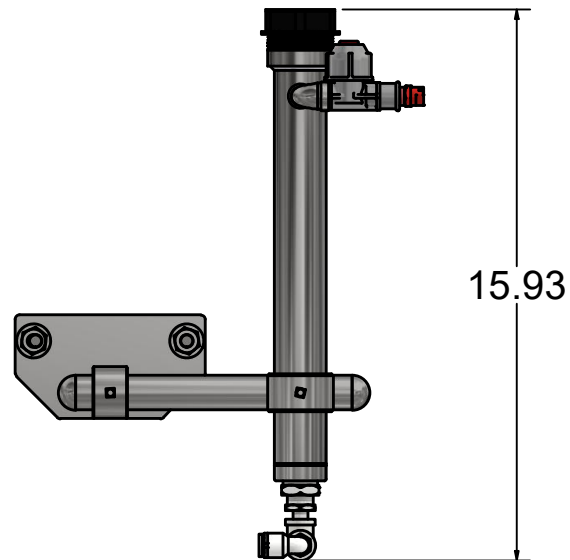
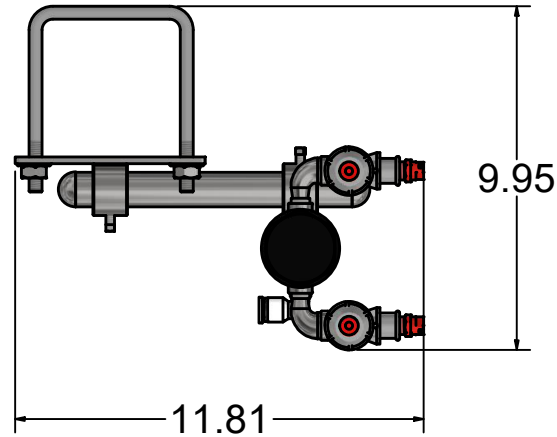


AA5D
Shower Rinse Top Manifold



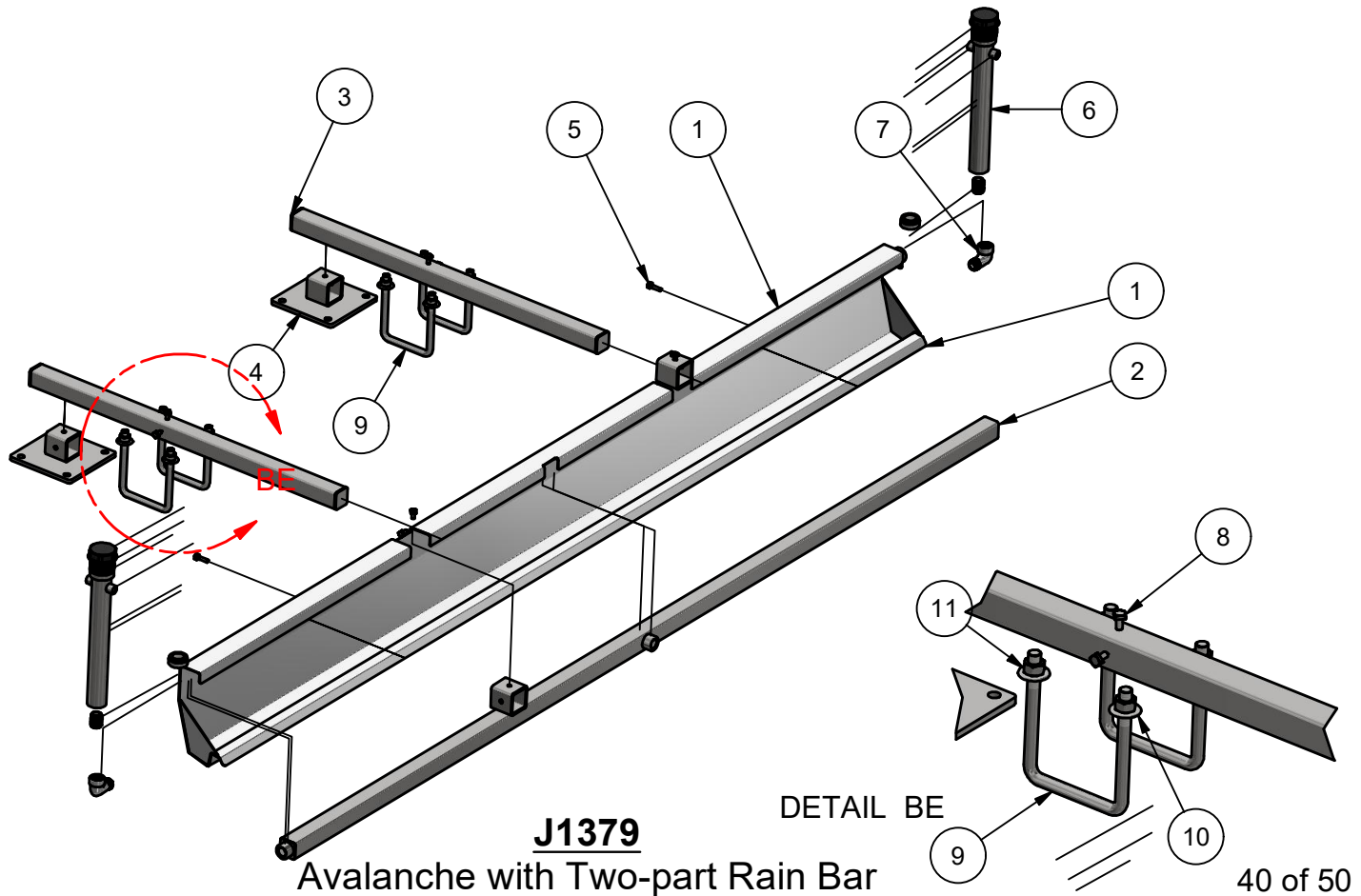
CTA3

Chemical Tire Applicator, Arch Mountable



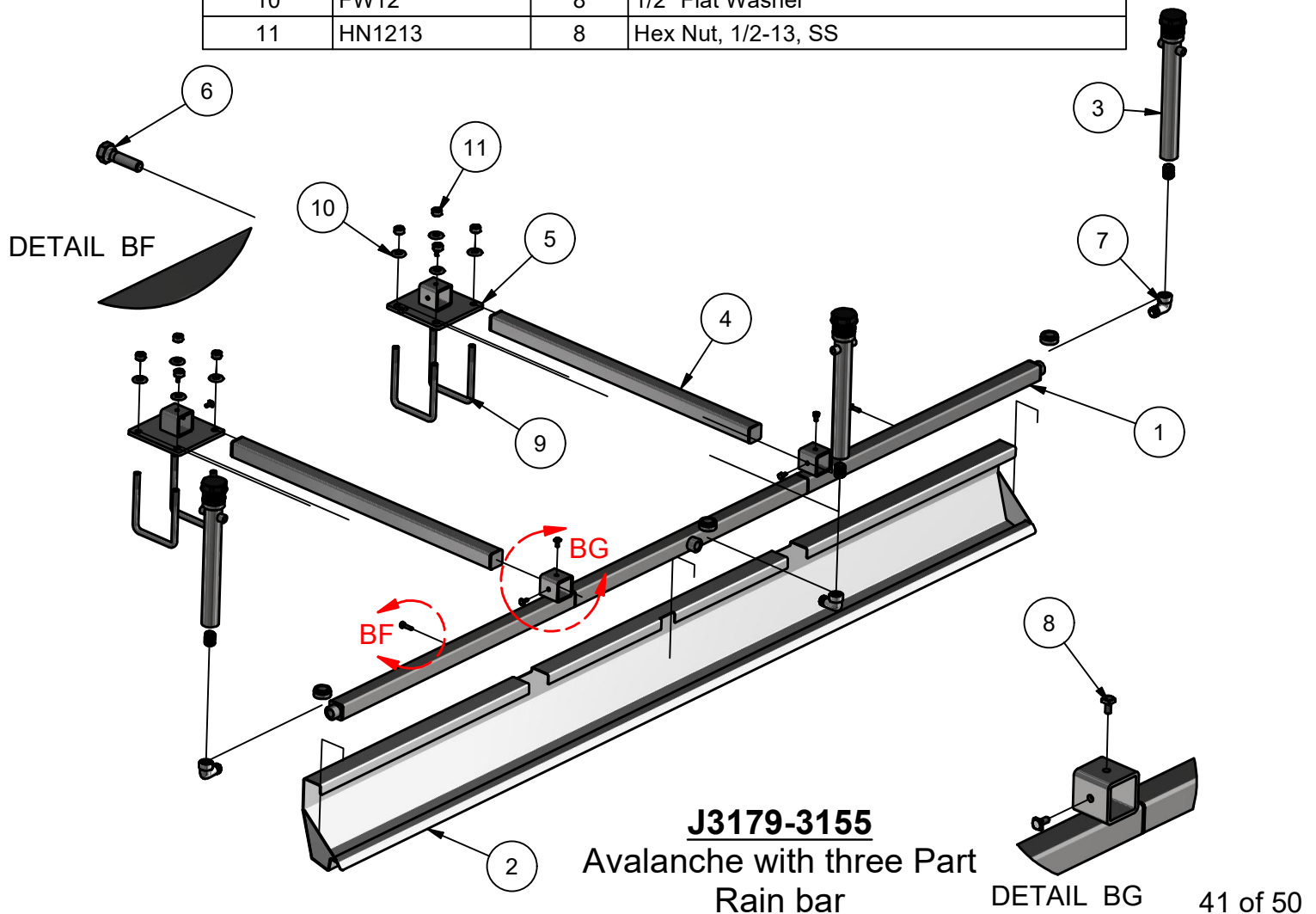
AVALANCHE - TOP LEVEL ASSEMBLIES

Parts List			
ITEM	PART NUMBER	QTY	DESCRIPTION
1	J3179A	1	Avalanche Deflector [Weldment]
2	AA5D-2	1	Shower Top Manifold
3	AA5DC-30	2	Extension Arm 30" [Weldment]
4	AA5DB	2	Mounting Bracket [Weldment]
5	HHCS1420100	2	Hex Head Cap Screw 1/4"-20 x 1"
6	SF1117AAG	2	Foam Generator
7	EL90S304050	2	1_2in-150 NPT ELBOW
8	SQHS1420050	8	1/4" - 20 x 0.5" UNC Square Screw
9	UB-SQ050x1500	4	U-Bolt (Square): 1/2" x 4" x 5-1/4"
10	FW12	8	1/2" Flat Washer
11	HN1213	8	Hex Nut, 1/2-13, SS

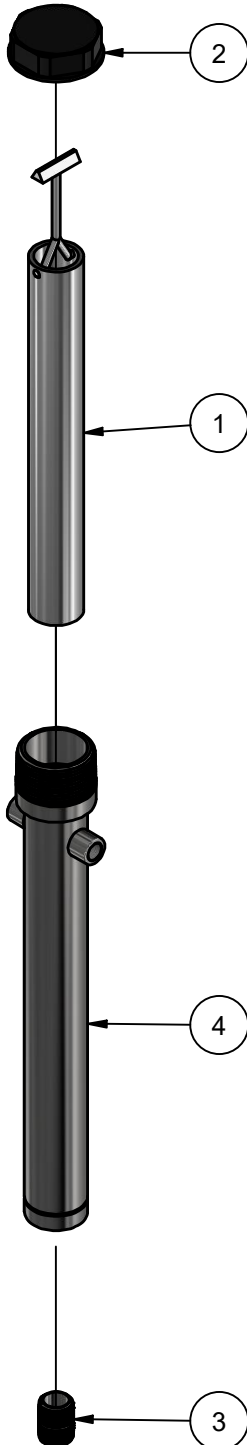


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Parts List			
ITEM	PART NUMBER	QTY	DESCRIPTION
1	AA5DA-3155-2	1	2 Row, 3pc Shower Top Manifold [Weldment]
2	J3179A	1	Avalanche Deflector [Weldment]
3	SF1117AAG	3	Foam Generator
4	AA5DC-30	2	Extension Arm 30" [Weldment]
5	AA5DB	2	Mounting Bracket [Weldment]
6	HHCS1420100	2	Hex Head Cap Screw 1/4"-20 x 1"
7	EL90S304050	3	1_2in-150 NPT ELBOW
8	SQHS1420050	8	1/4" - 20 x 0.5" UNC Square Screw
9	UB-SQ050x1500	4	U-Bolt (Square): 1/2" x 4" x 5-1/4"
10	FW12	8	1/2" Flat Washer
11	HN1213	8	Hex Nut, 1/2-13, SS



AVALANCHE - DETAIL ASSEMBLIES



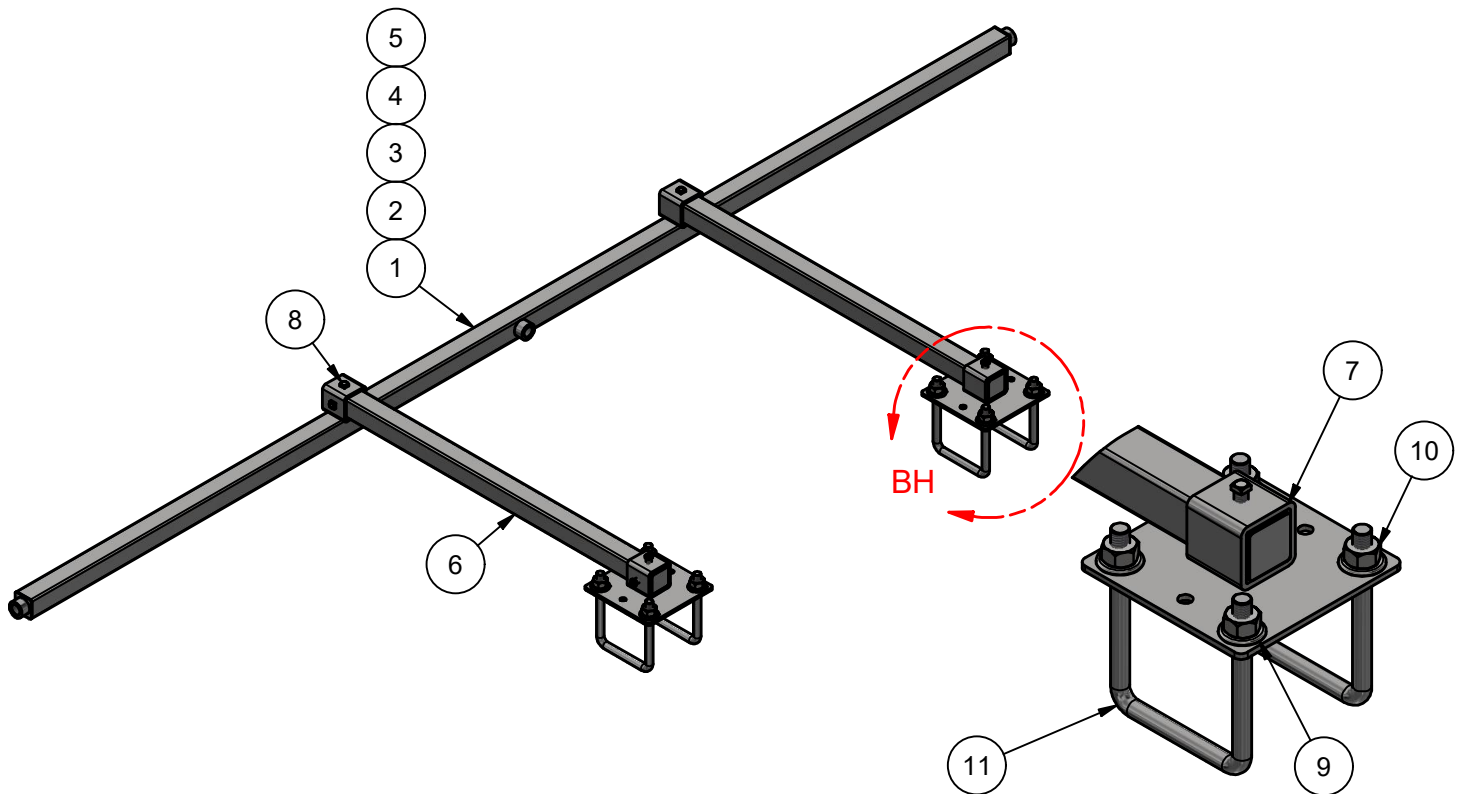
Parts List			
ITEM	PART NUMBER	QTY	DESCRIPTION
1	SF1117AAGP	1	Foam Media Insert
2	SF1117AB-0321	1	Plastic Screw Cap, Black
3	NPL3040501125	1	1/2" NPT Pipex 1 1/8" Length
4	SF1117AAGA	1	Foam Generator Body [Weldment]



SF1117AAG
Foam Generator

SHOWER RINSE TOP MANIFOLD - TOP LEVEL ASSEMBLIES

Parts List			
ITEM	PART NUMBER	QTY	DESCRIPTION
1	AA5DA-1	1	Shower Rinse Top manifold - 1 Row
2	AA5DA-2	1	Shower Rinse Top manifold - 2 Row
3	AA5DA-3	1	Shower Rinse Top manifold - 3 Row
4	AA5DA-4	1	Shower Rinse Top manifold - 4 Row
5	AA5DA-5	1	Shower Rinse Top manifold - 5 Row
6	AA5DC-30	2	30 in Extension Arm 1.5in
7	AA5DB	2	Mounting Bracket
8	SQHS1420050	4	1/4" - 20 x 0.5" UNC Square Screw
9	FW12	8	1/2" Flat Washer
10	HN1213	8	Hex Nut, 1/2-13, SS
11	UB-SQ050x1500	4	U-Bolt (Square): 1/2" x 4" x 5-1/4"

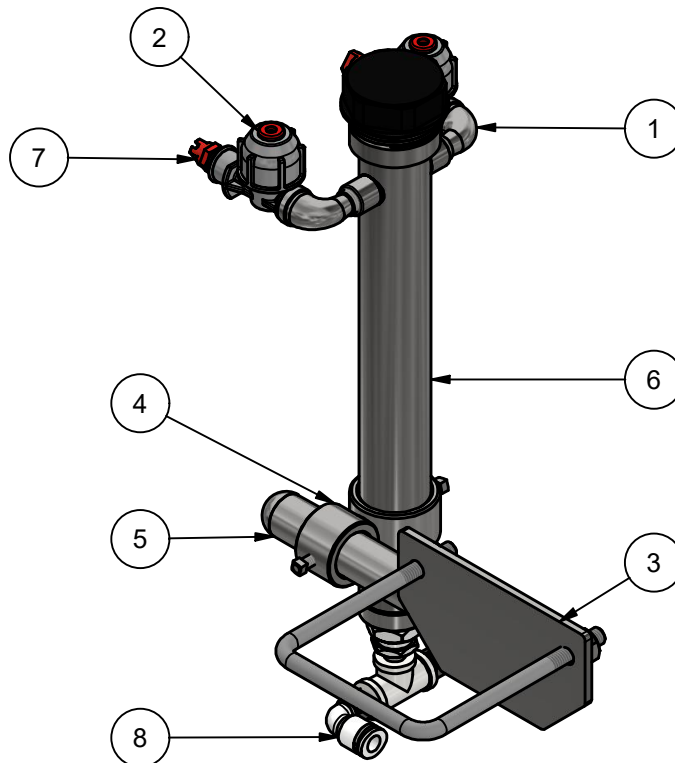


AA5D
Shower Rinse Top Manifold (Generic)

DETAIL BH

CHEMICAL TIRE APPLICATOR (CTA3)

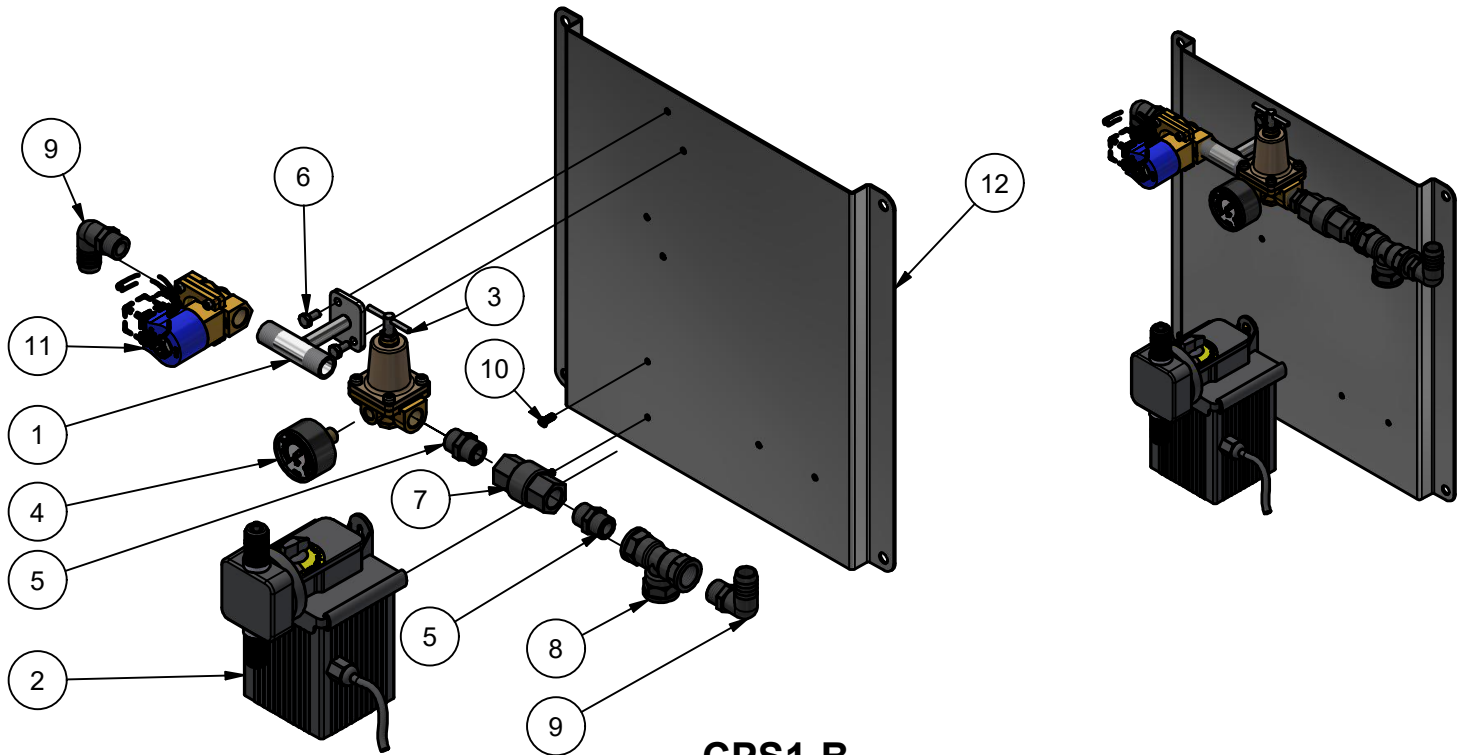
Parts List			
ITEM	PART NUMBER	QTY	DESCRIPTION
1	EL90S304025	2	Elbow--90° (Street): 1/4"NPT, 150# SS 304
2	V-DC14X14-25LB	2	1/4" NPT Check Valve - 25 Psi
3	SF0405C	1	Mounting Bracket Assembly
4	SF1117AAB	1	Dual Collar 1" and 1 1/2"
5	SF0405B-8	1	Extension Arm, 8in
6	CTA3AA	1	Foam Generator
7	NZ14-03E90	2	Nozzle 1/4" MNPT 03 90°, RED
8	APF3814-EL90	2	Push-Connect Fitting, 90° Elbow, 3/8" x 1/4" NPT



CTA3
Chemical Tire Applicator Soap Former Style

PUMP PANEL W/ BLUE-WHITE PUMP NON-FOAMING - (CPS1-B)

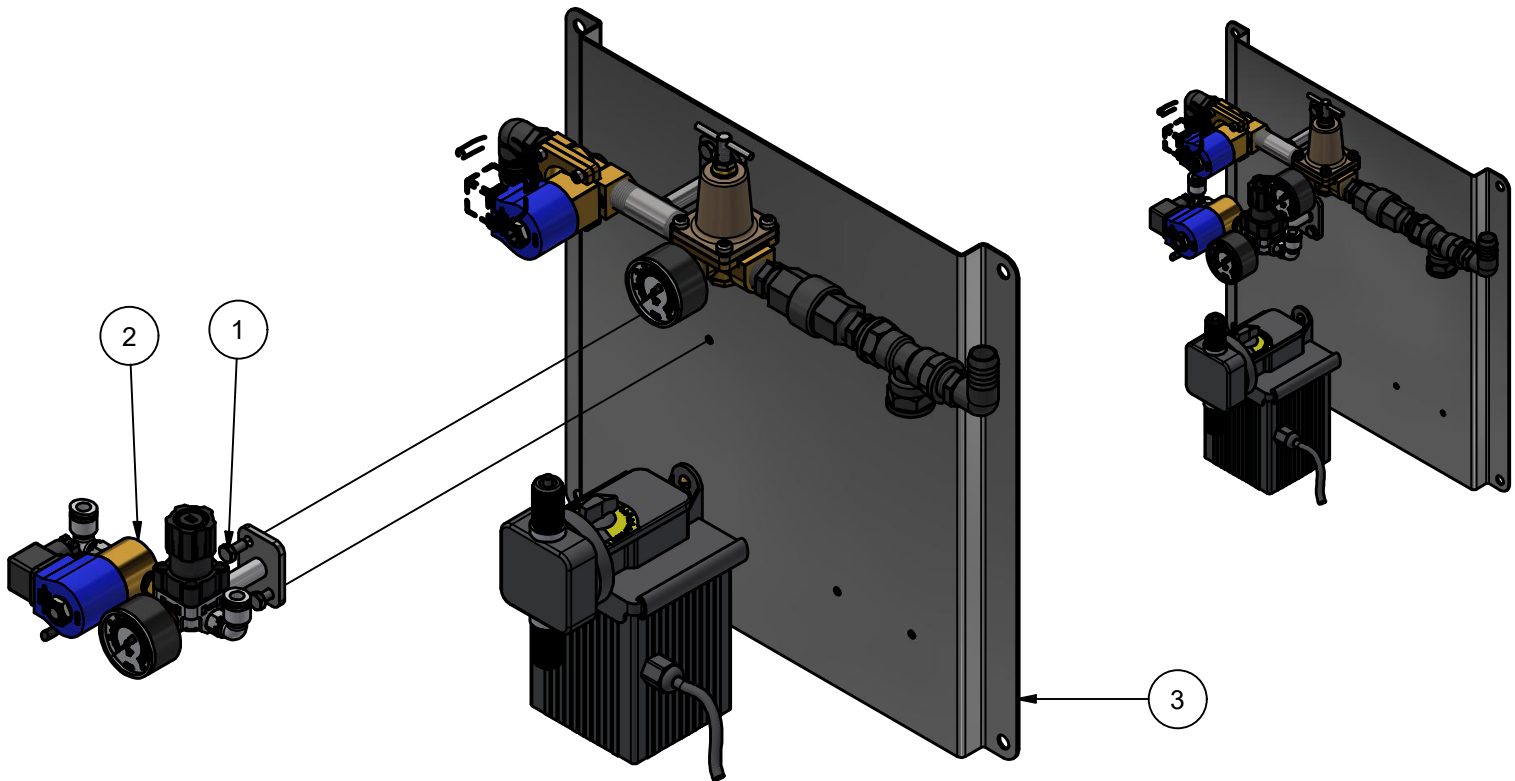
Parts List			
ITEM	PART NUMBER	QTY	DESCRIPTION
1	SV1-2B	1	Stand Off Bracket Assembly
2	CPS1B-2-7OZ115V	1	Blue-White Chem Feed Noir Pump (Non Foaming), Includes Hose and connectors
3	3WREG1	1	3-Way Small Water Pressure Regulator 1/4" - 1/2" NPT
4	AREG1-G14	1	Gauge 0-160 PSI, 1/4" NPT
5	NPLPVC050CL	2	PVC Hex Nipple 1/2" NPT
6	HHCS1420050	2	1/4" - 20 x 0.5" UNC Hex Screw
7	SLCV12-PPBLK	1	1/2" NPT Check Valve
8	TEEP050	1	1/2" NPT Female TEE
9	BRBP050x050	2	Barb 1/2" NPT x1/2" NPT
10	SRMS1032050-BR	2	Machine Screw: 10-32 x 1/2" LG, Round, Slotted, Brass
11	SL1-2-GC-120V	1	Valve Assembly 1/2", 110-120V/50-60HZ, UL/CSA Coil, 8W (with Connector and 3' cable)
12	CPS2A-DEMA	1	Doasatron Chemical Pump Panel Weldment



CPS1-B
Chemical Pump Panel w/ Blue-White Pump (Non-Foaming) 45 of 50

PUMP PANEL W/ BLUE-WHITE PUMP FOAMING - (CPS2-B)

Parts List			
ITEM	PART NUMBER	QTY	DESCRIPTION
1	HHCS1420050	2	1/4" - 20 x 0.5" UNC Hex Screw
2	CPS2-B-FA	1	FOAMING OPTION ASSEMBLY
3	CPS1-B	1	Chemical Pump Panel w/ Blue-White Pump (Non-Foaming)



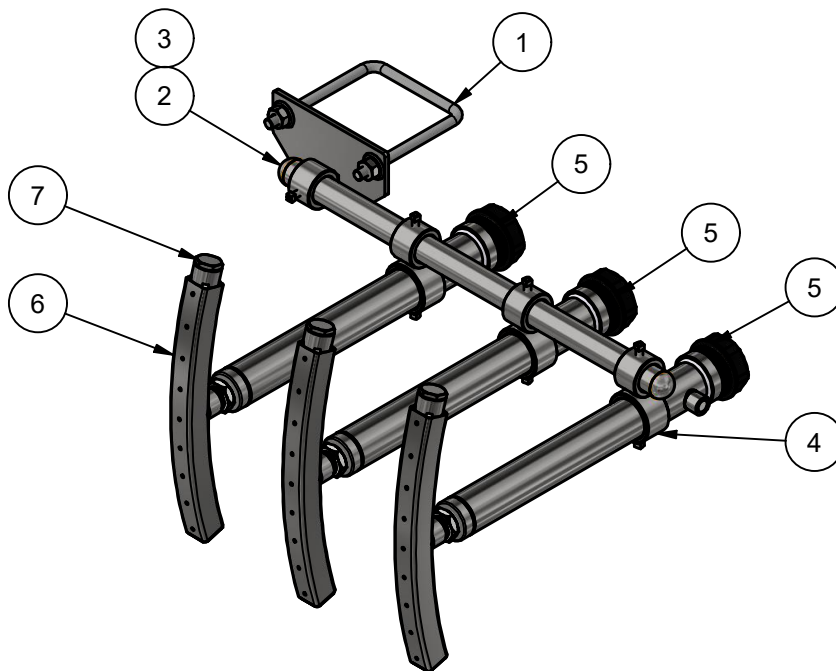
CPS2-B
CHEMICAL PUMP PANEL W/ BLUE-WHITE PUMP

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SOAP FOAMER -TOP LEVEL ASSEMBLIES

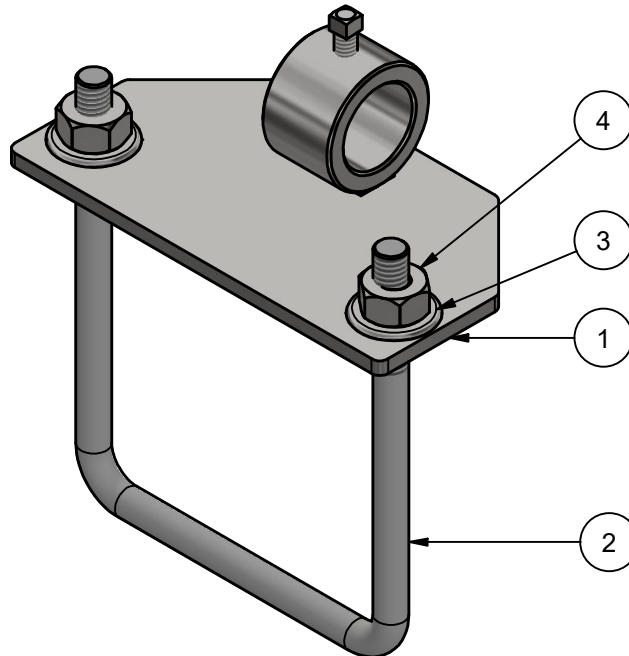
Parts List			
ITEM	PART NUMBER	QTY	DESCRIPTION
1	SF0405C	1	Mounting Bracket Assembly
2	TF0405B-18	1	Extension Arm 18"LG
3	SF0405B-8	1	Extension Arm 8"LG
4	SF1117AAB	3	Dual Collar 1" and 1 1/2"
5	SF1117AAG	3	Foam Generator
6	SF1014AAM	3	Compact Curved Spray Manifold
7	SAE140109P-8	3	1/2" NPT SS Hollow Hex Plug

Note: The Part list is for Single, Dual & Triple Soap Foamers. SF0405B-8 is used in single soap foamer and TF0405B-18 is used in both dual & triple soap foamers. All other part lists are the same for all.



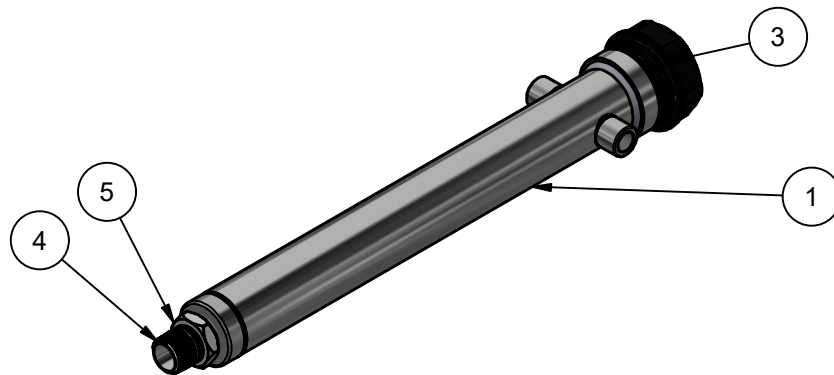
SOAP FOAMER - DETAIL ASSEMBLIES

Parts List			
ITEM	PART NUMBER	QTY	DESCRIPTION
1	SF0405CA	1	Mounting Plate Weld Assy
2	UB-SQ0375X1400	1	U-Bolt (Square): 3/8" x 4" x 5"
3	FW38	2	Flat Washer: 3/8" SS
4	HN3816	2	Hex Nut: 3/8"-16 SS
5	SQHS1420050	1	1/4"-20X 1/2" LG square head set screw



SF0405C
Mounting Bracket Assembly

Parts List			
ITEM	PART NUMBER	QTY	DESCRIPTION
1	SF1117AAGA	1	Foam Generator Body [Weldment]
2	SF1117AAGP	1	Foam Media Insert
3	SF1117AB-0321	1	Plastic Screw Cap, Black
4	NPL3040501125	1	1/2" NPT Pipex 1 1/8" Length
5	RB304050X075	1	Adapter Reducer - 3/4" M-NPT x 1/2" F-NPT



SF1117AAG
Foam Generator

REVISION TABLE

REVISION HISTORY				
REV	ECN#	DESCRIPTION	DATE	INITIALS
A		Initial Release	10/14/2025	RR