

TRIM PART NUMBER TABLE

VALVE SIZE	TRIM PART NUMBERS	
	LOOSE	SEGMENTALLY ASSEMBLED
2"	6508000001	6508000011
2-1/2", 3" & 76MM	6508000002	6508000012
4", 6" & 165MM	6508000003	6508000013

FULLY ASSEMBLED PART NUMBER CODE

65080XYZ00

(SEE TABLES FOR "X", "Y" & "Z" CODES)

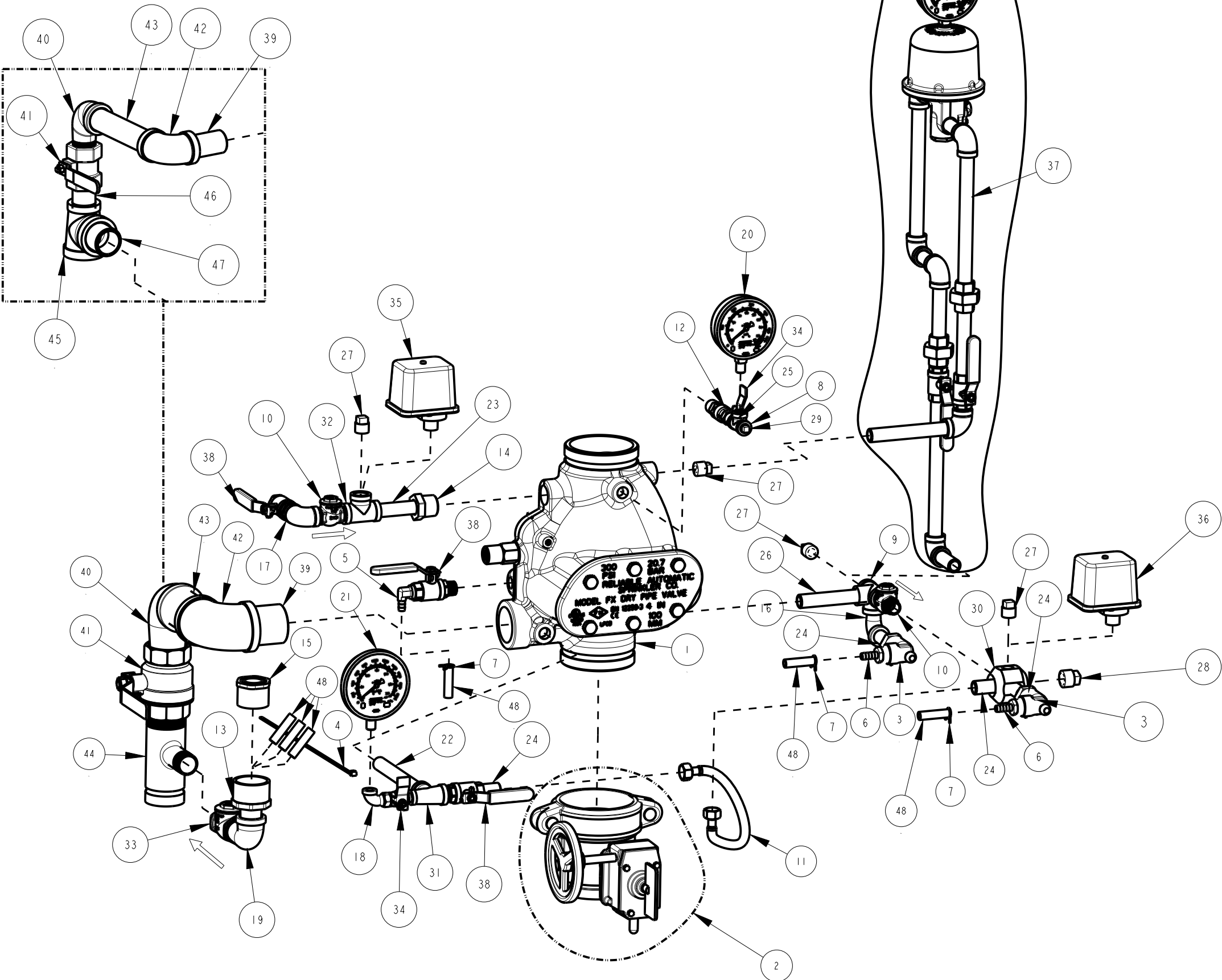
CONTROL VALVE P/N	
P/N	SIZE
77000301	2"
77000302	2-1/2"
77000303	3"
77000304	4"
77000306	6"

END CONNECTION AND COLOR TABLE ("Y" CODE):	
"Y" CODE:	DESCRIPTION:
0	BLACK, GROOVE/GROOVE
1	BLACK, FLANGE/GROOVE, CLASS 150
2	BLACK, FLANGE/GROOVE, BS-E
3	BLACK, FLANGE/GROOVE, PN 16
4	BLACK, FLANGE/FLANGE, CLASS 150
5	BLACK, FLANGE/FLANGE, BS-E
6	BLACK, FLANGE/FLANGE, PN 16
7	RED, GROOVE/GROOVE
8	RED, FLANGE/GROOVE, CLASS 150
9	RED, FLANGE/GROOVE, BS-E
A	RED, FLANGE/GROOVE, PN 16
B	RED, FLANGE/FLANGE, CLASS 150
C	RED, FLANGE/FLANGE, BS-E
E	RED, FLANGE/FLANGE, PN 16

SIZE TABLE ("X" & "XX" CODES):		
"X" CODE:	"XX" CODE:	DESCRIPTION:
2	20	2" (50MM)
1	25	2-1/2" (65MM)
7	76	76MM
3	30	3" (80MM)
4	40	4" (100MM)
6	60	6" (150MM)
5	65	165MM

CONTROL VALVE AND ACCELERATOR TABLE ("Z" CODE):	
"Z" CODE:	DESCRIPTION:
0	W/O CONTROL VALVE, W/O ACCELERATOR
1	W/ CONTROL VALVE, W/O ACCELERATOR
2	W/ 2 CONTROL VALVES, W/O ACCELERATOR
3	W/O CONTROL VALVE, W/ ACCELERATOR
4	W/ CONTROL VALVE, W/ ACCELERATOR
5	W/ 2 CONTROL VALVE, W/ ACCELERATOR

CONFIGURATION FOR 2" VERSION



THIS DRAWING CONTAINS INFORMATION PROPRIETARY TO THE RELIABLE AUTOMATIC SPRINKLER CORP. IT MAY NOT BE REPRODUCED NOR MAY ANY INFORMATION HEREON BE DISCLOSED TO OTHERS WITHOUT THE SPECIFIC WRITTEN PERMISSION OF RELIABLE.

MODEL FX 2", 2-1/2", 3", 4", & 6" DRY PIPE VALVE ASSEMBLY P/N 6508004530 REV. G

REVISIONS				
LTR	DESCRIPTION	DATE	PH	
	SEE PAGE 1			
49	95516915	PERMA-LOK	NOT SHOWN	A/R
48	96686756	TUBING, PVC, 3/8" ID, 6FT LONG		I
47	98543213	NIPPLE, STEEL, GALV., 1" X CLOSE	2" VERSIONS	I
46	98543279	NIPPLE, STEEL, GALV., 3/4" X CLOSE	2" VERSIONS	I
45	96606602	TEE, GALV., 1" X 3/4" X 1"	2" VERSIONS	I
44	9101423B	MANIFOLD, 2 X 2 X 1, GRV/THD/THD	4" & 6" VERSIONS	I
	9101423C	MANIFOLD, 1-1/4 X 1-1/4 X 1, GRV/THD/THD	2-1/2" & 3" VERSIONS	I
	98543262	NIPPLE, STEEL, GALV., 2" X 3-1/2"	4" & 6" VERSIONS	I
43	98543271	NIPPLE, STEEL, GALV., 1-1/4" X 4-1/2"	2-1/2" & 3" VERSIONS	I
	98543242	NIPPLE, STEEL, GALV., 3/4" X 5"	2" VERSIONS	I
	98174405	ELL, 2", MALL IRON, GALV.	4" & 6" VERSIONS	I
42	98174414	ELL, 1-1/4", MALL IRON, GALV.	2-1/2" & 3" VERSIONS	I
	98174402	ELL, 3/4", MALL IRON, GALV.	2" VERSIONS	I
	98840136	VALVE, BALL, 2"	4" & 6" VERSIONS	I
41	98840137	VALVE, BALL, 1-1/4"	2-1/2" & 3" VERSIONS	I
	98840108	VALVE, BALL, 3/4"	2" VERSIONS	I
	98174415	ELBOW, STREET, 2" MALL IRON, GALV.	4" & 6" VERSIONS	I
40	98174410	ELBOW, STREET, 1-1/4" MALL IRON, GALV.	2-1/2" & 3" VERSIONS	I
	98174413	ELBOW, STREET, 3/4" MALL IRON, GALV.	2" VERSIONS	I
	98543299	NIPPLE, STEEL, GALV., 2" X 2-1/2"	4" & 6" VERSIONS	I
39	98543297	NIPPLE, STEEL, GALV., 1-1/4" X 2"	2-1/2" & 3" VERSIONS	I
	98543232	NIPPLE, STEEL, GALV., 3/4" X 2"	2" VERSIONS	I
38	9884011A	VALVE, BALL, 1/2 NPTF X 1/2 NPTM		3
37	650120001A	ASSEMBLY, TRIM, ACCELERATOR	OPTIONAL	I
36	6990006382	SWITCH, PRESSURE (PS10-2)		I
35	6990006381	SWITCH, PRESSURE (PS40-2)		I
34	98840237	VALVE, BALL, 1/4" NPTF x 1/4" NPTM		2
33	98840246	VALVE, SWING CHECK, F-F, 1 NPT, TIEMME		I
32	98761651	TEE, 1/2X1/2X1/2, GALVANIZED		I
31	98761649	TEE, 1/2X1/4X1/2, GALVANIZED		I
30	98751005	FITTING, MULTIPOST, 3/4x1/2x1/2x1/2x1/2		I
29	98614403	PIPE, PLUG, IRON, SQUARE HEAD, 1/4		I
28	98614401	PIPE, PLUG, IRON, SQUARE HEAD, 3/4		I
27	98604406	PIPE, PLUG, IRON, SQUARE HEAD, 1/2		4
26	98543228	NIPPLE, 1/2X4-1/2, GALVANIZED STEEL		I
25	98543227	NIPPLE, 1/4XCLOSE, GALVANIZED STEEL		I
24	98543223	NIPPLE, 1/2X1-1/2, GALVANIZED STEEL		4
23	98543230	NIPPLE, 1/2X3, GALVANIZED STEEL		I
22	98543203	NIPPLE, 1/2X7, GALVANIZED STEEL		I
21	98248001	GAUGE, WATER PRESSURE (0-300 PSI)		I
20	98248000	GAUGE, AIR PRESSURE (0-80 PSI)		I
19	98174416	ELBOW, STREET, 1", GALV.		I
18	98174408	ELBOW, STREET, 1/4", GALV.		I
17	98174401	ELBOW, 1/2", MALL IRON, GALV.		I
16	98174400	ELBOW, STREET, 1/2", GALV.		I
15	98050006	ADAPTER, PVC, 1-1/2, SOCKET X 3/4 SOCKET		I
14	98048027	BUSHING, REDUCER, 1X1/2, GALVANIZED		I
13	98048017	ADAPTER, PVC, 1-1/2 SOCKET x 1 NPT		I
12	98048000	BUSHING, REDUCER, 1/2X1/4, GALVANIZED		I
11	96920912	FLEX LINE, 12		I
10	98840243	VALVE, SWING CHECK, M-M, 1/2 NPT, TIEMME		2
9	96626902	TEE, SIDE OUTLET, 1/2", 90°, GALV.		I
8	96606608	TEE, 1/4X1/4X1/4, GALVANIZED		I
7	95306255	CLAMP, HOSE, 1/2" CONSTANT TENSION, ZINC		3
6	92056810	CONNECTOR, 3/8" ID TUBE x 1/2" NPT		2
5	92056704	CONNECTOR, ELBOW, 3/8" ID TUBE x 1/2" NPT		I
4	89141112	TIE, RETAINING		I
3	78653800	ASSEMBLY, MECHANICAL BALL DRIP, 1/2"		2
2	SEE TABLE	ASSEMBLY, CONTROL VALVE		I OR 2
1	61010XX60Y	ASSEMBLY, VALVE		I

ITEM NO.	PART NO.	DESCRIPTION	REMARKS	QTY.
BILL OF MATERIALS				
MTL. N/A		THE RELIABLE AUTOMATIC SPRINKLER CO., INC. LIBERTY, S.C.		
FINISH:		PART NO: 65080XYZ00	(A)(B)	DWG.SIZE: C
DO NOT SCALE DRAWING REMOVE BURRS, BREAK SHARP EDGES TOLERANCE UNLESS OTHERWISE SPECIFIED:		PART: ASSEMBLY, TRIM		
ANGLE ± 1/2		PRODUCT: FX		
MACH. FINISH		FILE NO: 6508004530	ENG: DD	DRW BY: DD
CONC. T.I.R.		SCALE: 1:2	DATE: 02/22/17	C'K'D: SHEET 2 of 2
SQUARENESS - PARALLELISM				

D

C

B

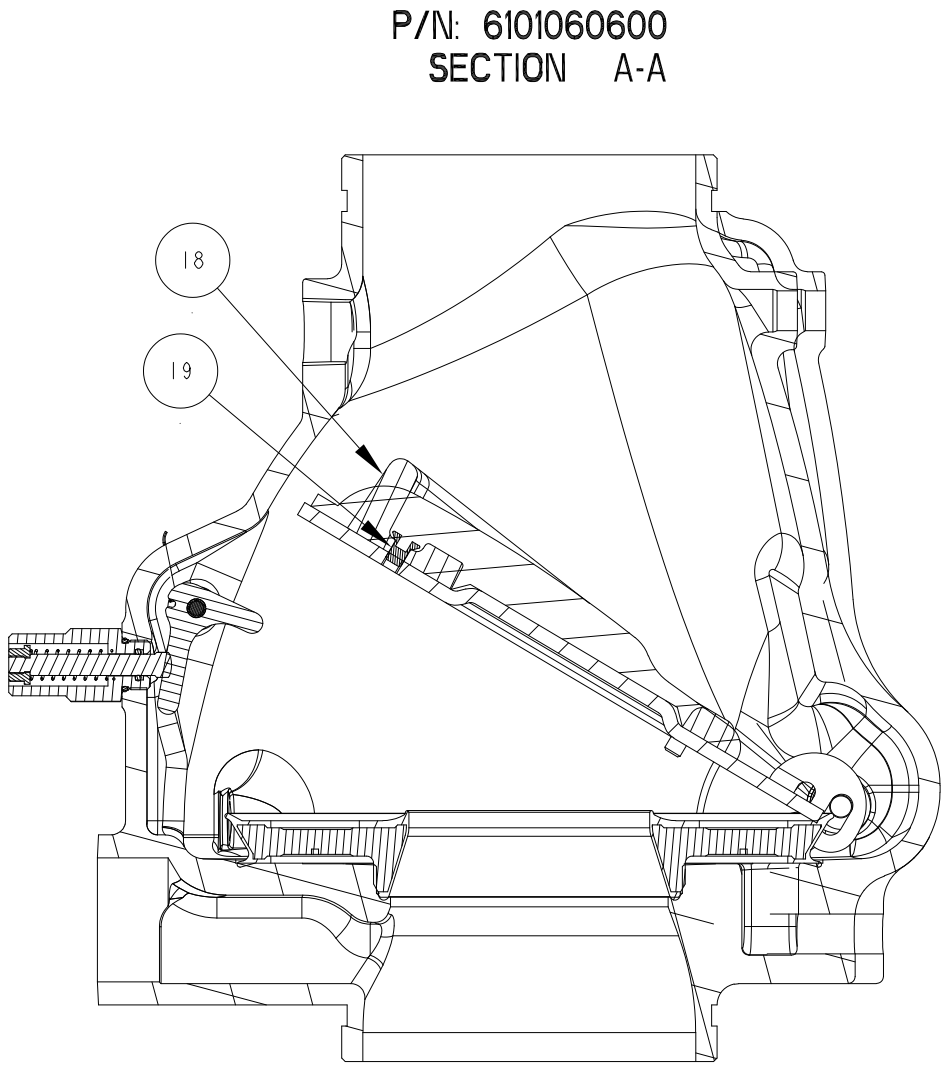
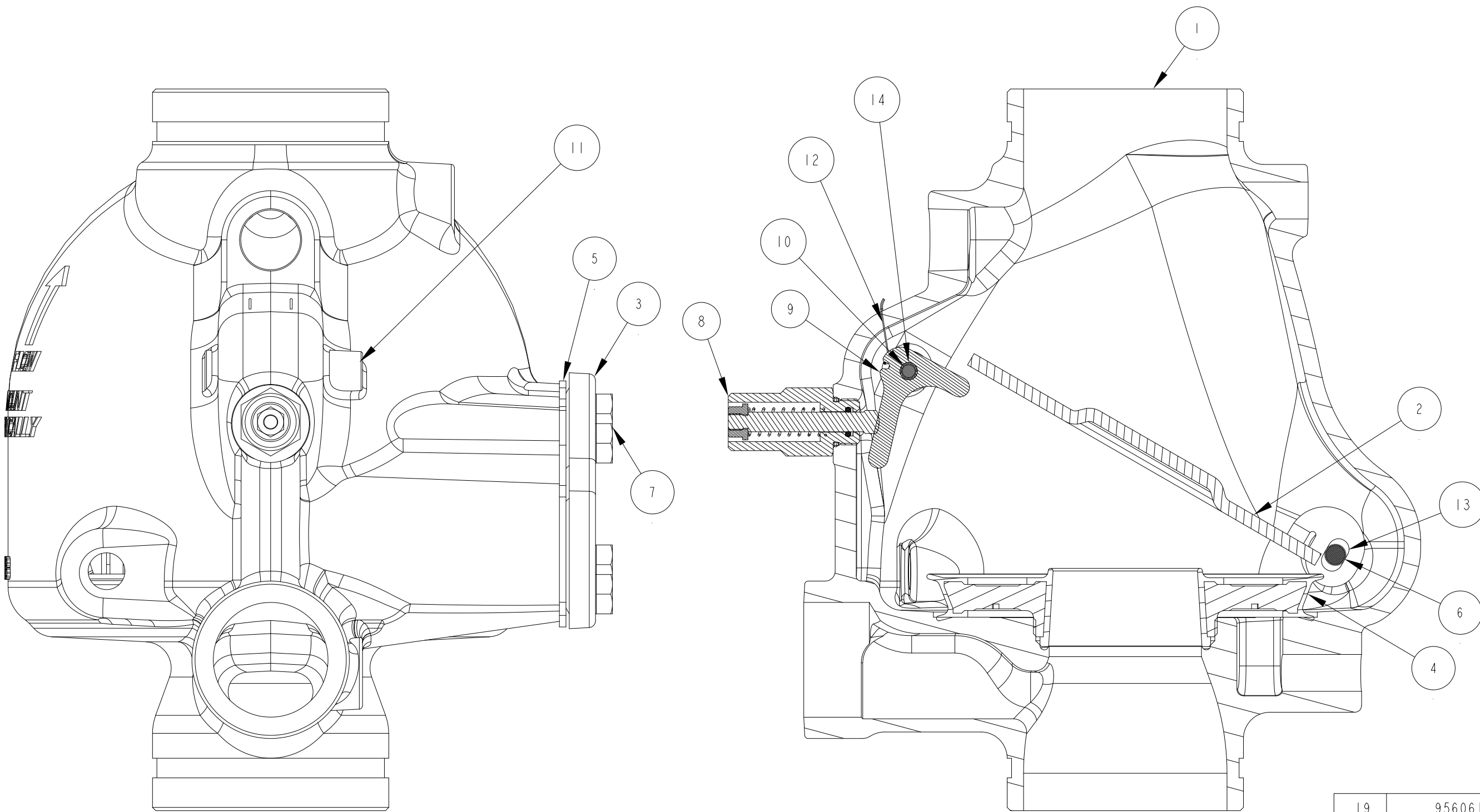
A

D

C

B

A



P/N: 6101060600
SECTION A-A

END CONNECTION AND COLOR TABLE ("W" & "Y" CODES)		
"W" CODE	"Y" CODE	DESCRIPTION
0	0	BLACK, GROOVE/GROOVE
1	1	BLACK, FLANGE/GROOVE, CLASS 150
2	2	BLACK, FLANGE/GROOVE, BS-E
3	3	BLACK, FLANGE/GROOVE, PN 16
4	4	BLACK, FLANGE/FLANGE, CLASS 150
5	5	BLACK, FLANGE/FLANGE, BS-E
6	6	BLACK, FLANGE/FLANGE, PN 16
7	0	RED, GROOVE/GROOVE
8	1	RED, FLANGE/GROOVE, CLASS 150
9	2	RED, FLANGE/GROOVE, BS-E
A	3	RED, FLANGE/GROOVE, PN 16
B	4	RED, FLANGE/FLANGE, CLASS 150
C	5	RED, FLANGE/FLANGE, BS-E
E	6	RED, FLANGE/FLANGE, PN 16

SIZE TABLE ("XX" & "Z" CODE)								
"XX" CODE	"Z" CODE	DESCRIPTION	BOLT P/N	BOLT DESCRIPTION	BOLT QTY	SIZE LABEL	FRICTION LOSS LABEL	
20	2	2" (50MM)	95606179	1/2"-13 x 1	4	-	-	
25	3	2-1/2" (65MM)	95606179	1/2"-13 x 1	6	94617002	-	
76	3	76MM	95606179	1/2"-13 x 1	6	94617004	-	
30	3	3" (80MM)	95606179	1/2"-13 x 1	6	94617003	-	
40	4	4" (100MM)	95606179	1/2"-13 x 1	6	-	-	
60	6	6" (150MM)	95606143	5/8"-11 x 1-1/4"	6	94617006	94617018	
65	6	165MM	95606143	5/8"-11 x 1-1/4"	6	94617007	94617018	

19	95606185	BOLTS	FOR 6"/165MM ONLY	3
18	92306007	BUMPER	FOR 6"/165MM ONLY	1
17	85000050	GREASE, GPL-201	NOT SHOWN	A/R
16	SEE TABLE	SIZE LABEL	NOT SHOWN	A/R
15	94617000	ADHESIVE, BACKING PAD	FOR USE WITH LABELS	A/R
14	91406261	BUSHING, SPLIT		1
13	98604408	PIPE, PLUG, IRON, HEX, SOCKET, 1/4	NOT SHOWN	1
12	96406330	SPRING, LATCH		1
11	98604409	PIPE, PLUG, IRON, HEX, SOCKET, 1/8	NOT SHOWN	1
10	95000100	PIN, HINGE, 1-1/2, 2		1
9	94446231	LATCH		1
8	94356000	ASSEMBLY, RESET		1
7	SEE TABLE	BOLTS, COVER	QTY, SEE TABLE	A/R
6	962163Z0	PIN, HINGE		1
5	937163Z0	GASKET, COVER		1
4	934162Z0	ASSY, SEAL		1
3	921170Z0	COVER, MACHINED		1
2	918262Z0	CLAPPER, PLATED		1
1	91019YXX	BODY, MACHINED		1
ITEM NO.	PART NO.	DESCRIPTION	REMARKS	QTY.
BILL OF MATERIALS				

THE RELIABLE AUTOMATIC SPRINKLER CO., INC. LIBERTY, SC.			
PART NO: 61010XX60W			DWG SIZE: C
PART: ASSEMBLY, VALVE			
PRODUCT: MODEL FX DRY PIPE VALVE			
FILE NO: 6101040600	ENG: DD	DRW BY: DD	C'K'D:
SCALE: 1:2	DATE: 02/21/17	SHEET 1 of 1	