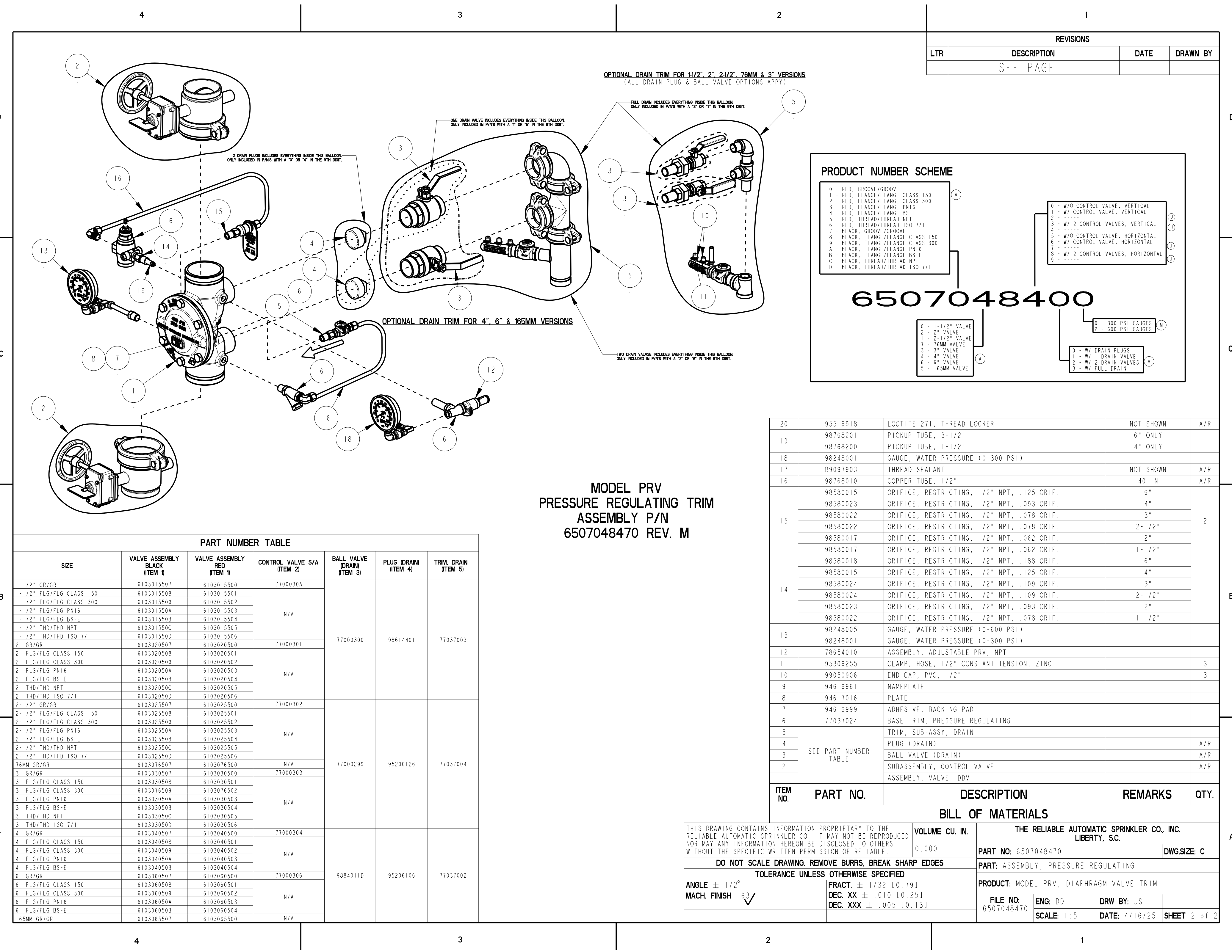




REVISIONS			
LTR	DESCRIPTION	DATE	DRAWN BY
	SEE PAGE 1		

PRODUCT NUMBER SCHEME

0 - RED, GROOVE/GROOVE
1 - RED, FLANGE/FLANGE CLASS 150
2 - RED, FLANGE/FLANGE CLASS 300
3 - RED, FLANGE/FLANGE PN16
4 - RED, FLANGE/FLANGE BS-E
5 - RED, THREAD/THREAD NPT
6 - RED, THREAD/THREAD ISO 7/1
7 - BLACK, GROOVE/GROOVE
8 - BLACK, FLANGE/FLANGE CLASS 150
9 - BLACK, FLANGE/FLANGE CLASS 300
A - BLACK, FLANGE/FLANGE PN16
B - BLACK, FLANGE/FLANGE BS-E
C - BLACK, THREAD/THREAD NPT
D - BLACK, THREAD/THREAD ISO 7/1

0 - W/O CONTROL VALVE, VERTICAL
1 - W/ CONTROL VALVE, VERTICAL
2 - ----
3 - W/ 2 CONTROL VALVES, VERTICAL
4 - ----
5 - W/O CONTROL VALVE, HORIZONTAL
6 - W/ CONTROL VALVE, HORIZONTAL
7 - ----
8 - W/ 2 CONTROL VALVES, HORIZONTAL
9 - ----

0 - 1-1/2" VALVE
2 - 2" VALVE
1 - 2-1/2" VALVE
7 - 76MM VALVE
3 - 3" VALVE
4 - 4" VALVE
6 - 6" VALVE
5 - 165MM VALVE

0 - 300 PSI GAUGES
2 - 600 PSI GAUGES

0 - W/ DRAIN PLUGS
1 - W/ 1 DRAIN VALVE
2 - W/ 2 DRAIN VALVES
3 - W/ FULL DRAIN

6507048400

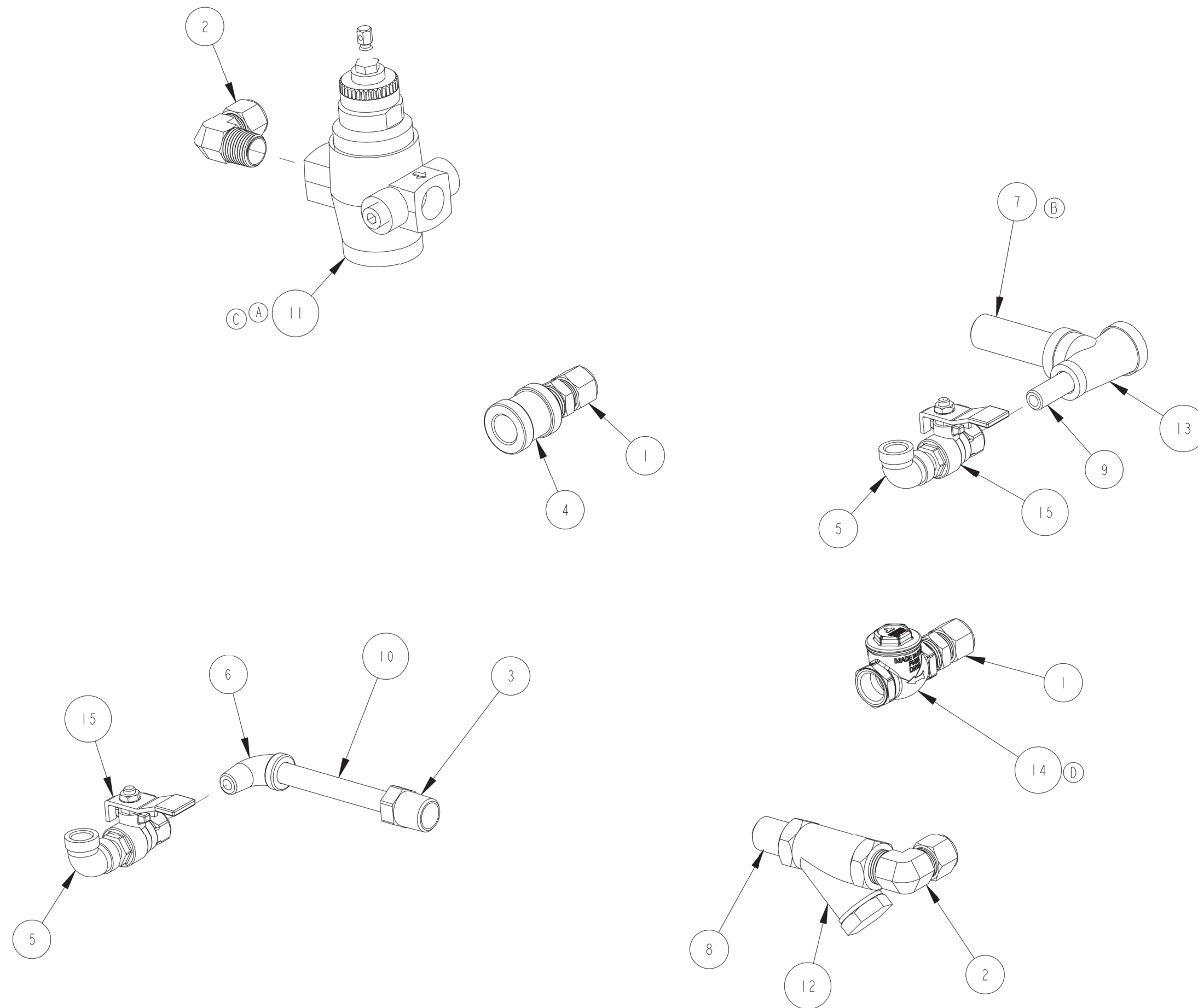
MODEL PRV
PRESSURE REGULATING TRIM
ASSEMBLY P/N
6507048470 REV. M

PART NUMBER TABLE									
SIZE	VALVE ASSEMBLY BLACK (ITEM 1)	VALVE ASSEMBLY RED (ITEM 1)	CONTROL VALVE S/A (ITEM 2)	BALL VALVE (DRAIN) (ITEM 3)	PLUG (DRAIN) (ITEM 4)	TRIM, DRAIN (ITEM 5)			
1-1/2" GR/GR	6103015507	6103015500	7700030A	77000300	98614401	77037003			
1-1/2" FLG/FLG CLASS 150	6103015508	6103015501	N/A						
1-1/2" FLG/FLG CLASS 300	6103015509	6103015502							
1-1/2" FLG/FLG PN16	610301550A	6103015503							
1-1/2" FLG/FLG BS-E	610301550B	6103015504							
1-1/2" THD/THD NPT	610301550C	6103015505							
1-1/2" THD/THD ISO 7/1	610301550D	6103015506							
2" GR/GR	6103020507	6103020500	77000301				N/A		
2" FLG/FLG CLASS 150	6103020508	6103020501							
2" FLG/FLG CLASS 300	6103020509	6103020502							
2" FLG/FLG PN16	610302050A	6103020503							
2" FLG/FLG BS-E	610302050B	6103020504							
2" THD/THD NPT	610302050C	6103020505							
2" THD/THD ISO 7/1	610302050D	6103020506							
2-1/2" GR/GR	6103025507	6103025500	77000302						
2-1/2" FLG/FLG CLASS 150	6103025508	6103025501	N/A						
2-1/2" FLG/FLG CLASS 300	6103025509	6103025502							
2-1/2" FLG/FLG PN16	610302550A	6103025503							
2-1/2" FLG/FLG BS-E	610302550B	6103025504							
2-1/2" THD/THD NPT	610302550C	6103025505							
2-1/2" THD/THD ISO 7/1	610302550D	6103025506							
76MM GR/GR	6103076507	6103076500	N/A	77000299	95200126	77037004			
3" GR/GR	6103030507	6103030500	77000303						
3" FLG/FLG CLASS 150	6103030508	6103030501	N/A						
3" FLG/FLG CLASS 300	6103076509	6103076502							
3" FLG/FLG PN16	610303050A	6103030503							
3" FLG/FLG BS-E	610303050B	6103030504							
3" THD/THD NPT	610303050C	6103030505							
3" THD/THD ISO 7/1	610303050D	6103030506							
4" GR/GR	6103040507	6103040500	77000304				9884011D	95206106	77037002
4" FLG/FLG CLASS 150	6103040508	6103040501	N/A						
4" FLG/FLG CLASS 300	6103040509	6103040502							
4" FLG/FLG PN16	610304050A	6103040503							
4" FLG/FLG BS-E	610304050B	6103040504							
6" GR/GR	6103060507	6103060500	77000306						
6" FLG/FLG CLASS 150	6103060508	6103060501	N/A						
6" FLG/FLG CLASS 300	6103060509	6103060502							
6" FLG/FLG PN16	610306050A	6103060503							
6" FLG/FLG BS-E	610306050B	6103060504							
165MM GR/GR	6103065507	6103065500	N/A						

20	95516918	LOCTITE 271, THREAD LOCKER	NOT SHOWN	A/R
19	98768201	PICKUP TUBE, 3-1/2"	6" ONLY	I
	98768200	PICKUP TUBE, 1-1/2"	4" ONLY	
18	98248001	GAUGE, WATER PRESSURE (0-300 PSI)		I
17	89097903	THREAD SEALANT	NOT SHOWN	A/R
16	98768010	COPPER TUBE, 1/2"	40 IN	A/R
15	98580015	ORIFICE, RESTRICTING, 1/2" NPT, .125 ORIF.	6"	2
	98580023	ORIFICE, RESTRICTING, 1/2" NPT, .093 ORIF.	4"	
	98580022	ORIFICE, RESTRICTING, 1/2" NPT, .078 ORIF.	3"	
	98580022	ORIFICE, RESTRICTING, 1/2" NPT, .078 ORIF.	2-1/2"	
	98580017	ORIFICE, RESTRICTING, 1/2" NPT, .062 ORIF.	2"	
14	98580017	ORIFICE, RESTRICTING, 1/2" NPT, .062 ORIF.	1-1/2"	I
	98580018	ORIFICE, RESTRICTING, 1/2" NPT, .188 ORIF.	6"	
	98580015	ORIFICE, RESTRICTING, 1/2" NPT, .125 ORIF.	4"	
	98580024	ORIFICE, RESTRICTING, 1/2" NPT, .109 ORIF.	3"	
	98580024	ORIFICE, RESTRICTING, 1/2" NPT, .109 ORIF.	2-1/2"	
13	98580023	ORIFICE, RESTRICTING, 1/2" NPT, .093 ORIF.	2"	I
	98580022	ORIFICE, RESTRICTING, 1/2" NPT, .078 ORIF.	1-1/2"	
12	98248005	GAUGE, WATER PRESSURE (0-600 PSI)		I
	98248001	GAUGE, WATER PRESSURE (0-300 PSI)		
11	78654010	ASSEMBLY, ADJUSTABLE PRV, NPT		I
10	95306255	CLAMP, HOSE, 1/2" CONSTANT TENSION, ZINC		3
9	99050906	END CAP, PVC, 1/2"		3
8	94616961	NAMEPLATE		I
7	94617016	PLATE		I
6	94616999	ADHESIVE, BACKING PAD		I
5	77037024	BASE TRIM, PRESSURE REGULATING		I
4	SEE PART NUMBER TABLE	TRIM, SUB-ASSY, DRAIN		I
3		PLUG (DRAIN)		A/R
2		BALL VALVE (DRAIN)		A/R
1		SUBASSEMBLY, CONTROL VALVE		A/R
ITEM NO.	PART NO.	DESCRIPTION	REMARKS	QTY.

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DO NOT SCALE DRAWING. REMOVE BURRS, BREAK SHARP EDGES		0.000	PART NO: 6507048470		DWG.SIZE: C
TOLERANCE UNLESS OTHERWISE SPECIFIED			PART: ASSEMBLY, PRESSURE REGULATING		
ANGLE $\pm 1/2^\circ$ MACH. FINISH $\checkmark$		FRACT. $\pm 1/32$ [0.79] DEC. XX $\pm .010$ [0.25] DEC. XXX $\pm .005$ [0.13]	PRODUCT: MODEL PRV, DIAPHRAGM VALVE TRIM		
			FILE NO: 6507048470	ENG: DD SCALE: 1:5	DRW BY: JS DATE: 4/16/25
					SHEET 2 of 2

REVISIONS			
LTR	DESCRIPTION	DATE	DRAWN BY
~	RELEASED FOR PROD. ERN #15804	07/11/19	JB
A	ECN #21258	10/02/19	AW
B	ECN #22529	04/29/20	MK
C	ECN #25837	02/22/22	MK
D	PDE-ECN-28372	04/07/25	JS



(D)	15	98840237	VALVE, BALL, 1/4" NPTF x 1/4" NPTM	2
	14	98840244	VALVE, SWING CHECK, F-F, 1/2 NPT, TIEMME	1
	13	98761649	TEE, 1/2X1/4X1/2, GALVANIZED	1
(C)	12	98727615	STRAINER, TRIM	1
	11	98681634	ASSEMBLY, REGULATOR, MODIFIED	1
	10	98543243	NIPPLE, 1/4X4, GALVANIZED STEEL	1
	9	98543226	NIPPLE, 1/4X1-1/2, GALVANIZED STEEL	1
(B)	8	98543223	NIPPLE, 1/2X1-1/2, GALVANIZED STEEL	1
	7	98543210	NIPPLE, 1/2X2-1/2, GALVANIZED STEEL	1
	6	98174408	ELBOW, STREET, 1/4", GALV.	1
	5	98174404	ELBOW, 1/4", MALL IRON, GALV.	2
	4	98085655	COUPLING, 1/2, GALVANIZED	1
	3	98048000	BUSHING, REDUCER, 1/2X1/4, GALVANIZED	1
	2	92606707	ADAPTER, ELBOW, 90°, 1/2 OD TUBE, 1/2 NPT, BRASS	2
	1	92056816	ADAPTER, STRAIGHT, 1/2 O.D. TUBE X 1/2 NPT, BRASS	2

BILL OF MATERIALS

MTL. N/A		THE RELIABLE AUTOMATIC SPRINKLER CO., INC. LIBERTY, S.C.			
FINISH:		PART NO: 77037024			DWG.SIZE: C
DO NOT SCALE DRAWING REMOVE BURRS, BREAK SHARP EDGES TOLERANCE UNLESS OTHERWISE SPECIFIED:		PART: BASE TRIM, PRESSURE REGULATING			
ANGLE $\pm$ 1/2 63/		PRODUCT: MODEL PRV DIAPHRAGM TRIM			
MACH. FINISH		FILE NO:	ENG: DD	DRW BY: JB	C'K'D: ~
CONC. T.I.R.		77037024	SCALE: 2:5	DATE: 02/12/19	SHEET 1 of 1
SQUARENESS - PARALLELISM					

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