



REVISIONS					
ZONE	ECN	REV.	DESCRIPTION	DATE	APP'D
	11621	A	CREATED ON SOLIDWORKS	11-13-03	TRK

ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	19089	BODY,REGULATOR 3150
2	1	10242	FITTING, NIPPLE, 1/2, CLOSE
3	1	19091	PIN, REGULATOR 3150
4	1	19093	STAND-OFF,REGULATOR,3150
5	1	19095	DIAPHRAGM,REGULATOR 3150
6	1	19094	WASHER,REGULATOR,3150
7	1	19092	RETAINER,REGULATOR,3150
8	1	19101	SPRING,REGULATOR 3150
9	1	19399	WASHER, CALIBRATION
10	1	19090	CAP,REGULATOR 3150
11	1	19278	FITTING,TUBE,90 DEG.
12	1	19693	PRESSURE GAGE
13	1	18703-01	TUBE, BRINE, 5/8 OD
14	1	41232	BUSHING, REDUCER, 1/4 X 1/8
15	1	18702	FITTING, TUBE 1/2 NPT 5/8

ASSEMBLY INSTRUCTIONS:

1. PLACE THE PIN (ITEM #3) INTO THE BODY (ITEM #1) AND HOLD (ITEM #3) TIGHT TO LOCATE STAND-OFF (ITEM #4)
2. PLACE THE DIAPHRAGM (ITEM #5) ON TOP OF THE STAND-OFF (ITEM #4) CENTERED BY THE PIN (ITEM #3)
3. SCREW THE RETAINER (ITEM#7) ONTO THE PIN (ITEM #3) WHICH WILL CONTAIN THE STAND-OFF(ITEM#4) & THE DIPHRAGM (ITEM #5).
4. DROP THE WASHER (ITEM #6) AND THE SPRING (ITEM #8) OVER THE TOP OF THE DIPHRAGM (ITEM #5).
5. SCREW THE WASHER (ITEM #9) INTO THE CAP (ITEM #10) UNTIL THE ITEM #9 IS FLUSHED WITH THE HEX SIDE OF THE CAP.
6. SUBASSEMBLE THE WASHER (ITEM #9) & THE CAP (ITEM #10) WITH THE THE BODY (ITEM #1)
7. ADD TEFLON SEALANT TO THE FITTING (ITEM #11) AND SCREW INTO THE BODY. ALIGNMENT SHOULD BE PARALLEL WITH THE BODY CENTERLINE AND POINTED IN THE DIRECTION OF THE CAP (ITEM #10).
8. ADD TEFLON SEALANT TO THE BUSHING (ITEM #14),THE PRESSURE GAGE (ITEM #12) & THE FITTING NIPPLE (ITEM #2) PRIOR TO ASSEMBLING THEM INTO THE BODY. GAGE SETTING DURING TEST SHOULD BE AT 40 PSI.

BRINE TUBE 18703-01(ITEM#13) IS PRODUCED BY CUTTING BRINE TUBE P/N 18703.
BRINE TUBE (ITEM#13) AND FITTING TUBE (ITEM # 15) ARE SHIPPING SEPARATELY.

THE ASSEMBLY IS USING FOR THE SPECIFIED
TANK SIZES: 30", 36", 42", 48", 54", 60"

LAST SAVED IN SMARTEAM: 01/12/2004 11:11

CRITICALITY SYMBOLS PER QPSP-001.2
 LEVEL I LEVEL II LEVEL III

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1. DO NOT SCALE DRAWING
2. DIMENSIONS = INCH(mm)
3. TOLERANCES (UNLESS OTHERWISE SPECIFIED)
INCH [mm]
1 ±0.015 ±0.40
0.1 ±0.015 ±0.25
0.01 ±0.010 ±0.13
0.001 ±0.005

ANGULAR ±1°
BREAK ALL EXPOSED SHARP CORNERS .010[.25] X.45° MAX.

THIS DRAWING MUST BE COMPARED TO THE ERP SYSTEM TO ENSURE CORRECT REVISION LEVEL PRIOR TO USE.

THIRD ANGLE PROJECTION

APPROVALS	DATE
DRAWN rsm	11/12/2003
CHECKED NAME	DATE
APPROVED NAME	DATE

TITLE
REGULATOR, 3150/3900, PRESSURE

SIZE **C** DWG NO. **60734** REV **A**

SCALE 1:1 SOLIDWORKS FORMAT SHEET 1 OF 1

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