## Instruction for tuning the AutoPurge System<sup>TM</sup> (APS2 and APS4)

- Close each APS ball valve, and make sure each flow control (Fig. 1 (A)) is turned all the way clockwise.
- 2. Bring the Fire Protection System up to Supervisory Pressure.
- Mark each ¼" APS purge line from all zones so that they can easily be matched to the appropriate zone number on the Quick Check Power Saver Manifold, then remove all of the ¼" purge lines from the Quick Check Power Saver Manifold.
- 4. Slowly, open the ball valve on each APS and then turn the APS flow control (Fig.1 (A)) counterclockwise until the center of the

Before setting the APS flow, disconnect tube from the QC Power Saver Manifold, if installed. Make sure to leave the tube connected to the APS during the flow setup.

Figure 1: APS Field Installation

float bead reaches the alphabetical setting per the label on the side of the APS (see label examples below), or to setting "D" in the event that the purge lines will be connected to a Quick Check Power Saver Manifold.

5. Once the float bead has stabilized, the <sup>1</sup>/<sub>4</sub>" tubing may be re-connected to the appropriate zone port on the Quick Check Power Saver Manifold.

Gallons in Zone		APS 2 Flow Setting		Gallo in Zo	ns ne	APS 4 F	low
Set the A is at sup below to flow occ	NPS Flow Settin envisory pressu relieve the wa urs, see manua	g once the R re. Use the b ter check fea I for instructi	PS system leed screw dure if no ons.	Set the APS is at superv below to re flow occurs	Flow Settin Isory press lieve the wa see manua	ng once the FPS sy ure. Use the bleed ater check feature al for instructions.	vstem I screw if no
50 100 150 200 250 300 350 400 500 550	1/4 1/2 3/4 A A+1/2 A+3/4 B B+1/4 B+1/2 B+3/4	600 650 750 800 850 900 950 1000 1050	C C+1/4 C+1/2 C+3/4 D D+1/4 D+1/2 D+3/4 E	1100-1200 1250-1500 1550-1700 1750-1900 1950-2050 2100-2300 2350-2550	A A+1/4 A+1/2 A+3/4 B B+1/4 B+1/2	2600-2750 2800-3050 3100-3300 3350-3600 3650-3850 3900-4000	B+3/4 C C+1/4 C+1/2 C+3/4 D
Warning: off during allows a c should be only. Oth or malfur	AutoPurge 5; j all FPS press ontrolled pu e set to the pr er settings in cction. ww.southte	vstems sho sure tests. Trge of the F roper APS F ay cause th aksystem	uld be valved This system PS system and low Setting the FPS to alarm <b>hS.COM</b>	Warning: Au off during al allows a con should be se only. Other or malfuncti	toPurge S I FPS press trolled pu et to the po settings m on. .southte	ystems should b sure tests. This rge of the FPS s roper APS Flow way cause the FP eksystems.c	be valved system ystem and Setting S to alarm



Figure 4: APS 2 Settings

Figure 2: APS 4 Settings

Figure 3: Alphabetical Indicators

South-Tek Systems, LLC 2940 Orville Wright Way Ste 600, Wilmington, NC 28405 Tel (888) 526-6284 www.southteksystems.com