

AccuPro Series

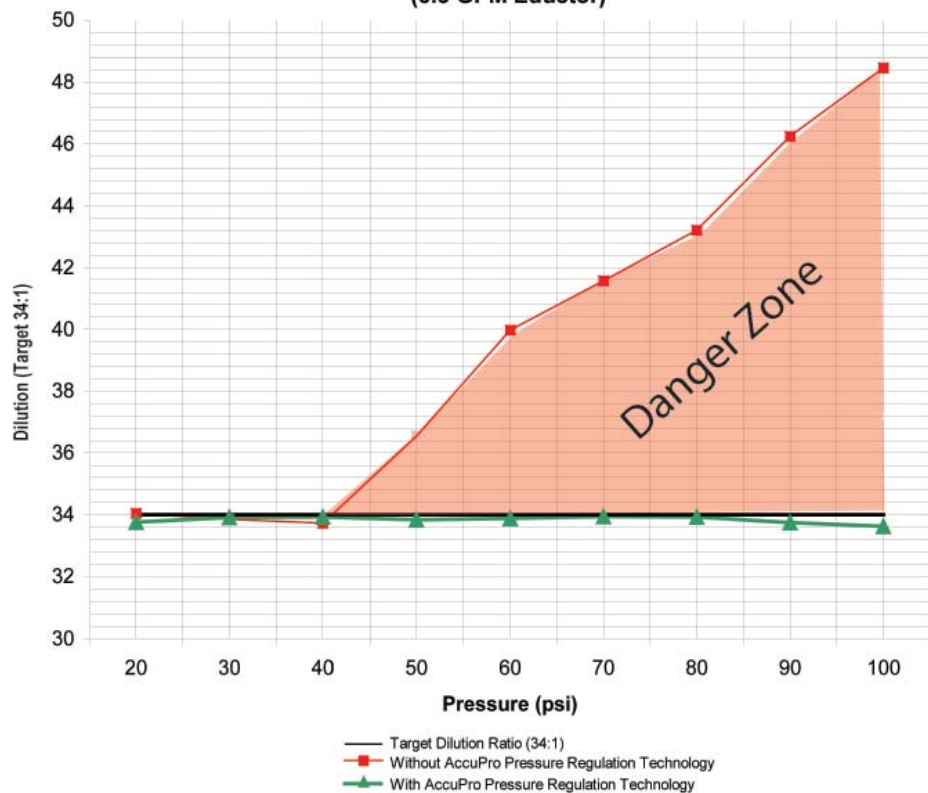
The AccuPro line of proportioners takes the world of chemical management systems to a whole new level. Now, in addition to providing an easy, economical way to dilute concentrated chemicals at the push of a button, AccuPro Technology (patent pending) delivers dilution accuracy regardless of fluctuations in water pressure.

Why Worry About Water Pressure?

It's a well known (but seldom acknowledged) fact that dilution accuracy drifts as water pressure varies. Specifically, as water pressure increases, and more water flows through the system, the proportioning unit at some point reaches its maximum vacuum generation. Beyond this point, no additional chemical can be drawn into the system, and any additional water flowing through the unit simply dilutes this maximum available chemical - and the system loses its dilution accuracy. Too much water with too little chemical—that's a prescription for "lean" dilutions, and big trouble. AccuPro pressure regulation technology eliminates dilution variance by controlling the amount of water allowed into the unit, never allowing it to "lean out" the desired dilution target. And when you hit (and maintain) your dilution target, you'll deliver performance envied by everyone in the industry:

- **Proper Chemical Performance:** Properly diluted chemicals work the way they were designed to work. No more poor performances because the diluted solution was too weak to do the job.
- **Labor Savings:** When weak solutions are used to clean, more labor is needed to make up for them. You can add more labor when you clean the first time, or you can add labor to clean it again—but you're going to have to add labor if you want to reach the desired level of clean.
- **Liability:** It's one thing to have to add more labor to make up for a weak cleaning solution—but do you really want to clean with a disinfectant or sanitizer that isn't maintaining the correct dilution rate (i.e., ppm of killing power)?
- **Consistent Appearance Level:** Your level of "clean" won't vary with the water pressure in your building—you'll be able to deliver your targeted level, first time, every time.

**Effect of Water Pressure Changes on Dilution Accuracy
(3.5 GPM Eductor)**



Model 39301



Model 39411



Model 39531

Avoid Problems of External Regulators

While external pressure regulators are sometimes used to attempt to control water pressure, they have their own series of challenges. Because they are located before the proportioning unit, they are under constant water pressure, and will eventually develop leaks. And they are located too far in front of where they are actually needed—they fail to take into account the potential pressure drops (water valves, right angle bends, etc.) between the external regulator and the eductor, and so generally miss their target. Only AccuPro technology puts the pressure regulation exactly where it needs to be for optimal performance—right in front of the eductor.

AccuPro units are available with 2 types of eductors:

- ▲ Hydro's E-Gap eductors, which provide backflow protection through use of an elastomeric sleeve. (ASSE 1055B Approved)
- ▲ Hydro's patented HydroGap II™ air gap eductors, which use a one inch gap of air between the water source and the chemical inlet to provide backflow protection. (ASSE 1055B Approved.)

One product dispensers

AirGap Eductor	E-gap Eductor	1 GPM	3.5 GPM	Approximate Dilution Range	
				1 GPM Max*/Min	3.5 GPM Max*/Min
3930AG	39301	1	0	128:1/2.5:1	-----
3933AG	39331	0	1	-----	450:1/3.5:1

Two product dispensers

AirGap Eductor	E-gap Eductor	1 GPM	3.5 GPM	Approximate Dilution Range	
				1 GPM Max*/Min	3.5 GPM Max*/Min
3941AG	39411	2	0	128:1/2.5:1	-----
3944AG	39441	0	2	-----	450:1/3.5:1
3946AG	39461	1	1	128:1/2.5:1	450:1/3.5:1

Three product dispensers

AirGap Eductor	E-gap Eductor	1 GPM	3.5 GPM	Approximate Dilution Range	
				1 GPM Max*/Min	3.5 GPM Max*/Min
3950AG	39501	3	0	128:1/2.5:1	-----
3953AG	39531	0	3	-----	450:1/3.5:1
3956AG	39561	1	2	128:1/2.5:1	450:1/3.5:1
3958AG	39581	2	1	128:1/2.5:1	450:1/3.5:1

Select dispensers

	AirGap Eductor	E-gap Eductor	1 GPM	3.5 GPM	Approximate Dilution Range	
					1 GPM Max*/Min	3.5 GPM Max*/Min
One product, four dilutions	3971AG	39711	0	1	-----	450:1/3.5:1
	3972AG	39721	1	0	128:1/2.5:1	-----
Four products	3974AG	39741	0	1	-----	450:1/3.5:1
	3975AG	39751	1	0	128:1/2.5:1	-----
Five products	3976AG	39761	1	1	128:1/2.5:1	450:1/3.5:1

* Leaner dilutions available - contact Customer Service for information.



Model 39771



Model 39761



Model 39581

