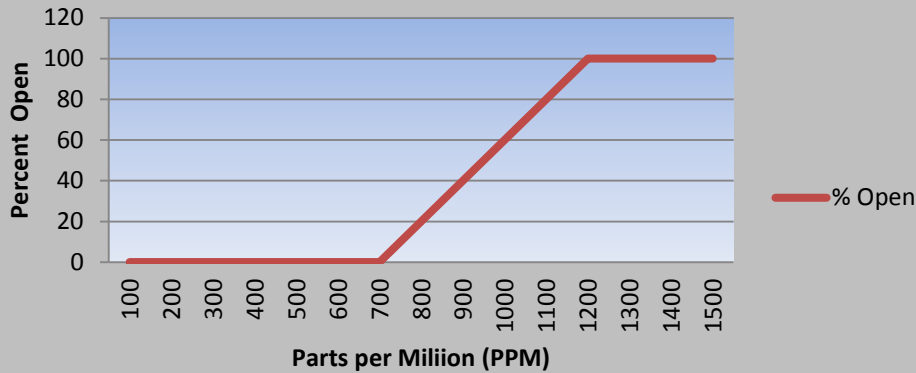




## Demand-Air CO<sub>2</sub> Damper % Open



### How does it work?

When CO<sub>2</sub> levels elevate above 800 ppm the damper will start modulating open. By the time the sensor sees 1200ppm the damper will be full open doing all it can to ventilate the space with fresh outside air.

The advantage of this approach is that while we maintain a healthful environment we are also minimizing the intake air which must be heated and/or cooled costing energy, dollars, and carbon.

Demand-Air™ carries a 5-year parts warranty.

EAP Monthly Product Spotlight – July 2016

### Young Regulator Co. Demand-Air™

Space Conditions	CO <sub>2</sub> Concentration	Damper Position
	1500	
Stuffy Close Feeling	1400	
Occupants may have trouble concentrating	1300	
	1200	Damper Full
	1100	Open 1200ppm
	1000	
	900	
Normal Indoor Air 500 -1000 ppm	800	Damper starts to Open 800ppm
	700	
	600	
	500	
Fresh Outdoor Air 300-500ppm	400	Damper at minimum position
	300	
	200	



# Young Regulator