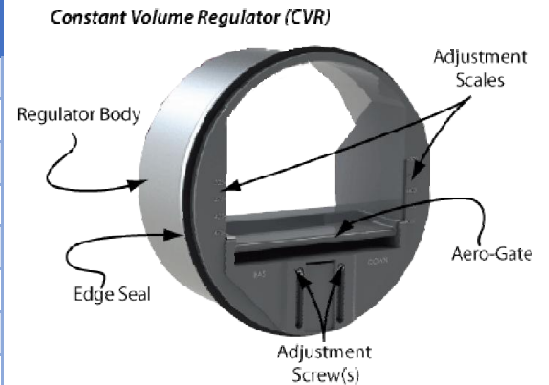




Constant Volume Regulators Performance Data

The CVR is a precision control. Choose the size to meet your performance criteria. Each diameter regulator is adjustable over a range of flow rates (0.2 inWC to 0.8 inWC). Choose the correct part from the table below. Ensure that both fitting diameter and flow rates match your requirements.

Young Regulator Part #	Nominal Diameter (in)	Flow Range (CFM)	Noise dB(A)	Body Diameter/Gasket (in)	Length (in)
CVR-04-L	4	10 - 30	26 - 38	3.74 / 4.12	2.73
CVR-04	4	30 - 60	26 - 44	3.74 / 4.12	2.73
CVR-05	5	60-105	33 - 47	4.68 / 5.06	3.47
CVR-06-L	6	60-105	33 - 47	5.69 / 6.07	3.55
CVR-06	6	105-175	34 - 45	5.69 / 6.07	3.55
CVR-08	8	175-300	33 - 53	7.41 / 7.79	3.55
CVR-10	10	300-420	46 - 55	9.56 / 9.94	4.95
Custom	Other Profiles available. Contact the factory for custom orders!				



Adjustment Process

1. Select the maximum flow rate (in CFM) from the Performance Curve table (right).
2. Note the Adjust Scale number next to the desired flow.
3. Loosen the Adjustment screw.
4. Adjust the carriage that holds the Aero-Gate up and down to line up the top of the Carriage with the desired Adjust Scale number.



In the picture the CVR is set to 50 on the Adjust Scale. That equates to 30 CFM

