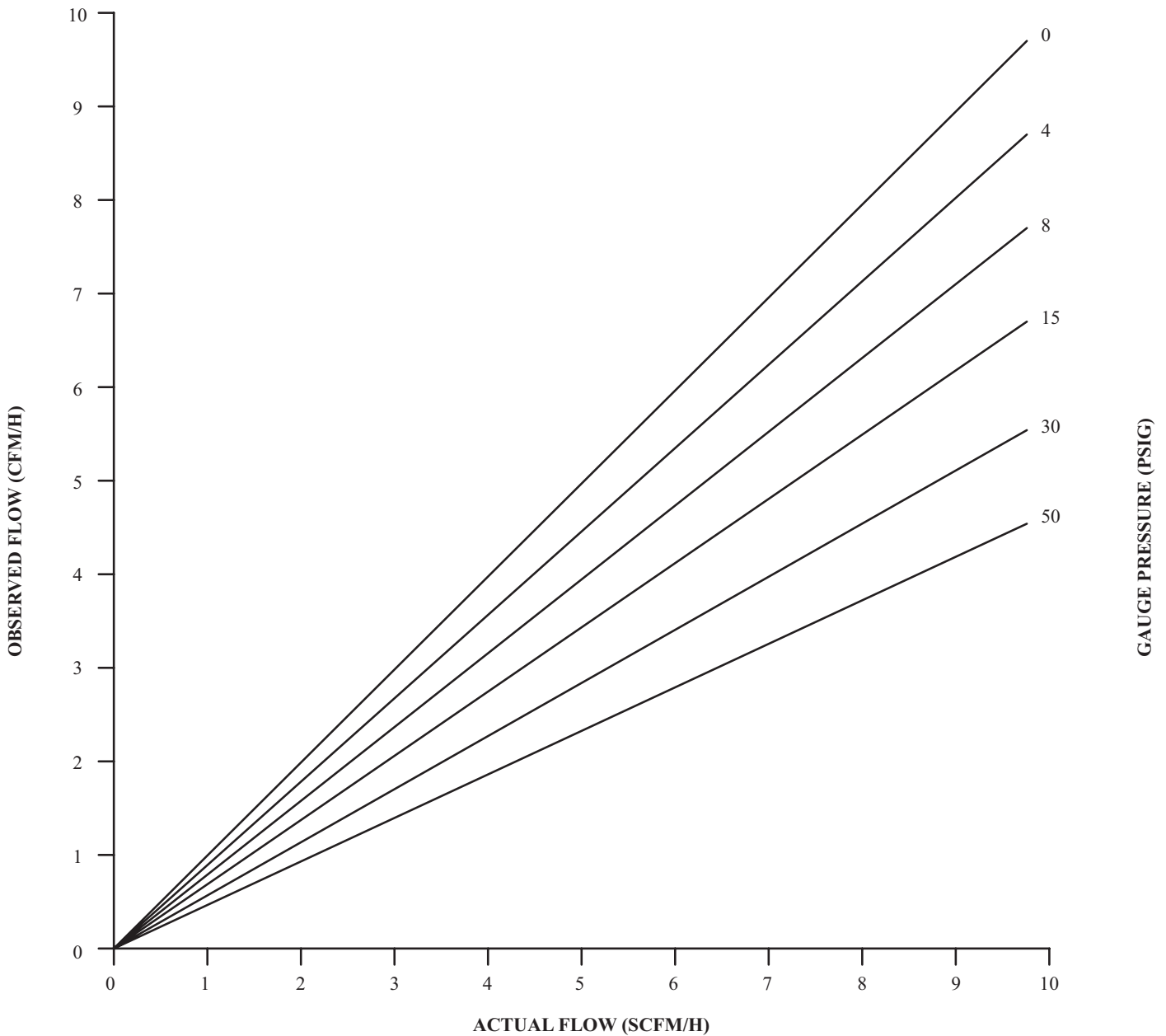


# Technical Information: Flow Meter Correction Curve



All Performance Curves for CONVECTRONICS Air Heaters refer to "Actual" Air Flow Rates (SCFM). The pressure at the Flow Meter outlet should be measured and the "Observed" Flow should be adjusted per correction curves to obtain "Actual" Flow. The Actual Flow can also be calculated by using the following formula:

$$Q_2 = Q_1 \times \sqrt{P_2 / P_1}$$

- Q<sub>1</sub> = Observed Flow
- Q<sub>2</sub> = Actual Flow Corrected for Pressure
- P<sub>1</sub> = Atmospheric Pressure, 14.7 PSI
- P<sub>2</sub> = Actual Pressure, 14.7 PSI + Pressure at Flow Meter Outlet