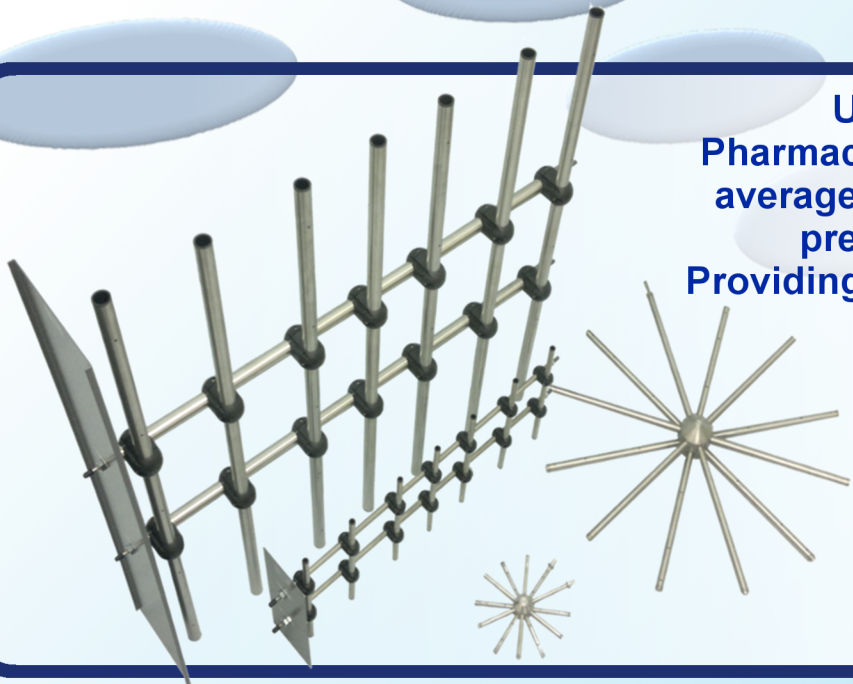


Flowgrids

Wilson Flowgrid & Radial Flowgrid



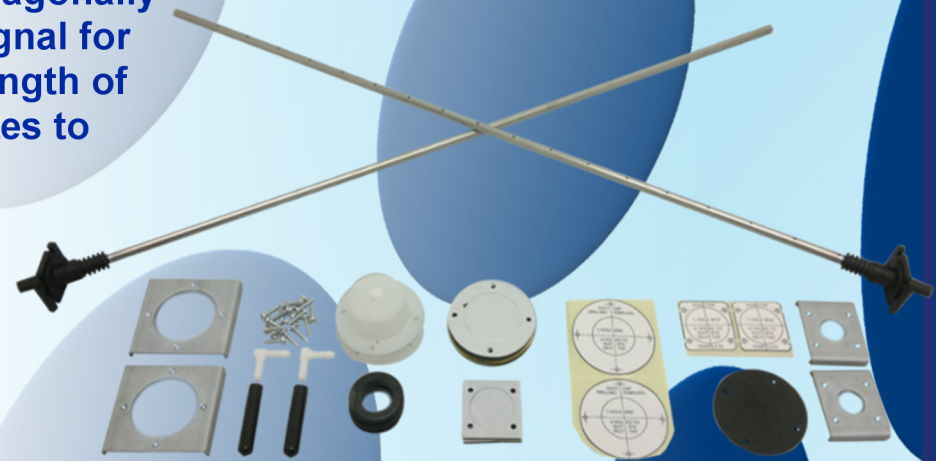
Used for accurate control and measurement of air on many HVAC, Food, Pharmaceutical, Petro-Chemical and Nuclear projects worldwide. They produce average total and sub-static pressures signals to generate an enhance velocity pressure signal, outside the duct wall, that directly relates to volume flow. Providing accurate and reliable outputs where other flow measuring devices are found to be unsatisfactory.

- Comply with BS, ISO and EPA Standards of Air Measurement
- Sizes from 100mm dia. to 3.0 metres square
- Uncertainty of Flow Measurement within $\pm 1.0\%$
- High Temperature systems up to 850°C available
- Can be supplied in duct with flange and flow straightener
- Stainless Steel Grade 321 tube supplied as standard

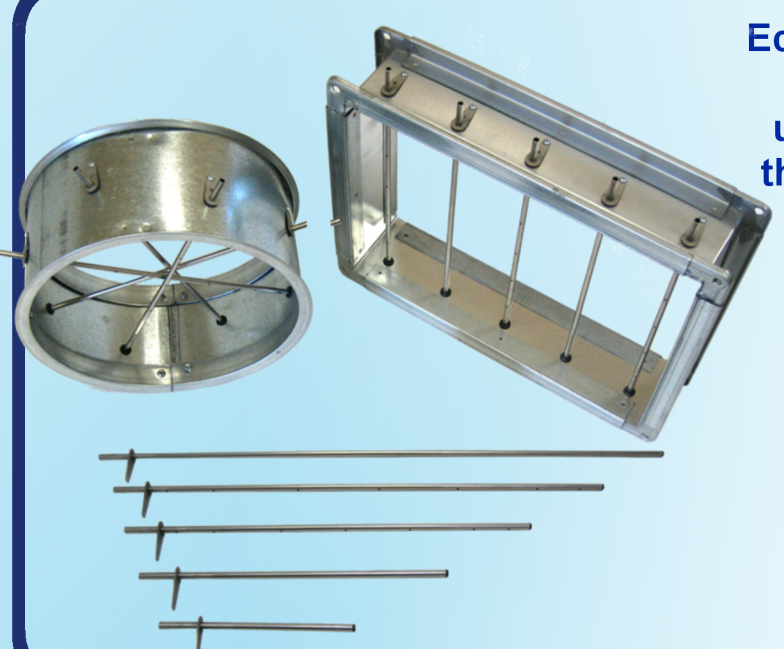
'X' Grid and 'UX' Grid

X Flowgrids will give useful and reliable readings in a wide variety of 'in duct' locations often where other flow rate measuring devices are found to be unsatisfactory or difficult to install. Consist of two tubes mounted diagonally through the cross section of the duct. They generate an averaged signal for both the total and sub-static (X) or static (UX) pressures along the length of each tube to generate a differential pressure signal that directly relates to volume flow.

- Economical method of Measuring Volume Flow within a duct
- Uncertainty of Volume or Mass Flow Measurement within $\pm 5.0\%$
- Stainless Steel Grade 321 tube supplied as standard
- Standard Performance Data available
- High Temperature systems up to 850°C (continuous) available



Eco Flow Probe



Eco Flow Probes are primarily used in pairs for flow measurement within HVAC ductwork systems where other flow rate measuring devices are found to be unsatisfactory or difficult to install. They generate an averaged signal for both the total and sub-static pressures along the length of each probe to generate a differential pressure signal. More accuracy can be gained dependent upon the number of pairs installed to make up a grid.

- Used on many projects World Wide
- Economical method of measuring Volume Flow within a duct
- Uncertainty of Flow Measurement within $\pm 5.0\%$ (can be obtained)
- Stainless Steel Grade 321 tube supplied as standard
- Magnification Factor (Mf) of approximately 2
- Easy to install and maintain
- Used primarily in HVAC applications