

Product Name :
Modular Air Flow Bench**Product Code :**
ATHE0001**Description :**

Modular Air Flow Bench

Technical Specification :

- This is a small-scale wind tunnel with an electric fan and adjustable air flow control, with eight different experiment modules that demonstrate key principles and phenomena of air flow.
- It is the essential base unit for eight different experiment modules that demonstrate key principles and phenomena of air flow.
- The unit consists of a sturdy steel framework on which is mounted a fan which supplies air via a flow-control valve to a specially designed plenum chamber and aerodynamically shaped contraction.
- Pressure measurement connections use reliable quick-release couplings.
- Both of these features make the changeover from one experiment to another simple and quick.
- The bench format of the equipment makes it compact, easy to move and store.
- Each of the experiment modules fits either to the plenum chamber or to the contraction.
- The air then exits the experiment module through the bench top and emerges at an exhaust at the rear of the unit.
- When smoke is used in experiments for visualisation purposes users can fit flexible ducting to the exhaust to

direct waste smoke safely away

- Also has handy shelves and storage space which is ideal to store experiment modules when they are not in use.



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