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Product Name :
Pipe Flow And Nozzle Kit

Product Code :
LBNY-0005-10300010



Description :

An optional Pipe Flow and Nozzle Kit for the Centrifugal Fan Module. The pipe tapplings connect to a multiway pressure display. The multiple pressure tapplings along the long pipes allow you to measure the pressure drop and therefore losses along them. A Pitot traverse fits at the end of one long pipe to allow you to measure the velocity profile across a pipe and calculate the theoretical flow. The kit includes three different fittings two elbows and a bend, that each fit between the long pipes to test the pressure drop and therefore loss caused by the fitting. This kit includes two long lengths of smooth-walled pipe with multiple pressure tapplings and a Pitot traverse. The pipes connect to the inlet of the so it becomes a suction fan for tests on the pipes. This allows a comparison with the flow found from the standard nozzle and the orifice plate included with the kit. A probe mounts in an assembly so that it moves axially through an additional nozzle to measure its axial pressure profile.

Technical Specification :

Assembled with for losses in fittings tests: 5000 mm x 4000 mm x 2000 mm (height)
Assembled with for straight pipe tests: 8000 mm x 3000 mm x 2000 mm (height)
Nett Weight: 101 kg.



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