

Hydroponics Fan and Silencer housing

What is Hydroponics?

Hydroponics from the Greek 'water working', is simply growing plants without soil. (Hydro=water and Ponic=working) Hydroponics is as old as the Hanging Gardens of Babylon. Today this technology is widely used to grow lush, healthy indoor plants and premium grade vegetables, fruits and herbs.

In a complete controlled environmental agriculture system you control: light, temperature, water, CO2, oxygen, pH and nutrients.



We here at **TOTALDUCT** have developed a "quiet" running fan housing to provide controlled air movement to the growing area.

This is a 315 Fan unit acoustic fan chassis housings complete with 2 No. 600 long silencer units.

The Chassis housings are complete and ready to accept a system air 315-diameter K range Tube fan with internal mounting brackets and silencer supports.



The housing is acoustically lined with 25mm thick self-extinguishing foam product to provide a quiet running assembled unit.



A pre-wired 240-volt terminal housing is mounted externally with a flying lead for the customer to wire to the assembled fan unit.

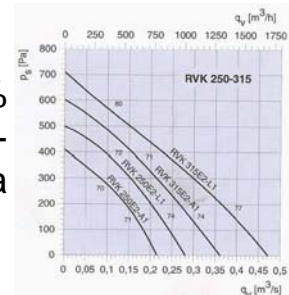
The housing shall have a removable acoustically lined lid with either toggle clips for quick assembly or alternative screw fixings.



All manufactured from galvanised mild steel, of modular design and with built in hanging and fixing points on all sides of the unit.



The silencer pods are approx 50% within the unit to prevent fan and induct noise break out and produce a quiet running assembled fan unit.



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Client:-
 Hydroponics Industry
Location:-
 Europe

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Project profile