

Abstract**Air Flow Control Unit**

5 A fan unit comprises a top having an inlet opening, at least one side for enclosing the fan unit, and an outlet opening. A fan blower is disposed on a blower mounting, the fan blower being for drawing air through the inlet opening and for discharging air through the outlet opening. At least one pair of guide baffles extends inwardly
10 from a lower end of the at least one side towards the outlet opening, the pair of guide baffles and the blower mounting forms an air flow channel therebetween. The air flow channel creates a constriction on air flow to raise air pressure within the air flow channel. This creates substantially mono-directional air flow in the air flow channel and through the outlet opening. The air flow therefore has reduced
15 turbulence such that noise from said fan unit is minimised.

FIG. 1