

ABSTRACT**Fluid Extraction Apparatus**

A fluid extraction apparatus comprises a passage 20 for the pumped flow therealong of a first fluid, for example air. A fluid flow area control device in the form of an apertured plug 22 is present in the passage. An inlet 26 to the passage 20 is provided at or downstream of the downstream side of the plug 22. When, in use, the first fluid is pumped along the passage through the aperture 23 of the plug 22 the fluid pressure at the inlet 26 is reduced causing a second fluid to be drawn into the passage 20 via the inlet 26 to flow with the first fluid towards the downstream end of the passage 20. The downstream end of the passage may be provided with a filter 6 in the form of a tank 8 containing an oil dissolving agent 10. The apparatus has a particular application to a cooker hood assembly for extracting a gas from a cooker hood 2, without having to pass the gas through a pump 4, and then treating the extracted gas to remove pollutants such as water, oil droplets and smoke therefrom.

(Fig. 1)