

WASHING AND MOISTURE ADDING DEVICE OF AN  
AIR-CONDITIONING BOX

*ABSTRACT*

A washing and moisture adding device of an air-conditioning box is disclosed. The air is drawn to a filtering net for being processed. Then the  
5 air further passes through the heating disk-like tube and the cooling disk-like tube so as to flow into a washing and moisture adding section. Then very small atomized particles are jetted from a plurality of nozzles so as to be mixed with the drawn air. Then, the wet air is contacted with and captured by the bearing material in the package arranged as a W bank.  
10 Then, the moisture is removed as the air passes through a moisture removing disk-like tube, and then the air further passes through the heating disk-like tube and the filtering net and finally is transferred to a dustless chamber. The air is drawn into the air conditioner box through a wind drawing machine.

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Fig. 5