

FILTER FRAME FOR REPLACEABLE FILTER MEDIA

ABSTRACT

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A filter frame (40) is disclosed for fitting a replaceable filter media (20) to filter air flow in a building's air handling unit (AHU). A groove (44) is continuously provided along the inner surface of walls (41) defining the filter frame (40). The groove's width is adapted to fit the replaceable filter media's
10 thickness. A grill (48) is provided as backing for the filter media (20) on the back or outflow side of said filter frame (40). At least one crossbar (50) is detachably affixed on the front or inflow side of said filter frame (40), although preferably a pair or a plurality of horizontal crossbars (50) may be distributed equidistant and in parallel across the front side of the filter frame (40).
15 Latching means (54, 56) may be provided for detachably affixing the crossbar ends (52, 53) to a filter frame wall (41). The inward facing surface of the crossbar (50) is provided with teeth (70) coinciding with pleating (22) of the filter media (20).

20 (FIG. 4)