

HOUSING FOR ELECTRONIC AIR CLEANER TECHNICAL FIELD OF
THE INVENTION

ABSTRACT

An electronic air cleaner assembly (1) for attachment to an air handling unit AHU (2) of an air-conditioning system has a housing (10) containing a plurality of electrostatic filter cells (20). One side wall (11) of the housing (10) is
5 pivotally mounted to a side (5) of the AHU (2) by hinges (30) and the opposite side wall (12) is releasably attached to the opposite wall (6) of the AHU (2) by a releasable locking device (42,44). Wheels (46) are provided on the housing (10) to assist in moving it from a closed position to an open position which allows access to the heat exchanger coil(s) (4) of the AHU (2). The electrostatic filter
10 cells (20) may be readily removed either through the open front face or through one of the walls of the housing (10) for checking and maintenance.

(Fig. 1)