

ABSTRACT

The present invention relates to a discharge unit for an ac ionizer that supplies positive and negative ions, which are generated by corona discharge by applying an ac high voltage to a discharge needle, by air toward an object to be neutralized. A capacitor (C) includes an electrode piece (12) connected to the discharge needle (3), a dielectric (11a) surrounding the electrode piece (12), and an electrode cylinder (9) substantially in a cup shape surrounding the dielectric (11a), and the ac high voltage is applied to the discharge needle (3) via the capacitor (C). Accordingly, the capacitor (C) can have a capacitance for generating a specified quantity of positive and negative ions.



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