

ABSTRACT

An atomization core (34) and a liquid storage cotton (35)-based atomization device. The atomization core (34) comprises a tubular mounting bracket (341), and a heating atomization assembly (3) is provided in the mounting bracket (341); longitudinal liquid inlet holes (3411) are provided on the mounting bracket (341), and air guide holes (3412) are provided above the liquid inlet holes (3411); the heating atomization assembly (3) comprises a columnar liquid guide cotton (3421) and a heating element (3422), an axial through hole of the liquid guide cotton (3421) forms an air guide channel, the circumferential outer side surface of the liquid guide cotton (3421) forms a liquid absorption surface and the circumferential inner side surface forms an atomization surface, and the heating element (3422) is embedded or attached to the atomization surface; the liquid guide cotton (3421) blocks the liquid inlet holes (3411), and all or part of the air guide holes (3412) is exposed. The air guide holes (3412) are provided on the mounting bracket (341) of the atomization core (34), and the outside air can enter a liquid storage cavity or the liquid storage cotton (35) by means of the air guide holes (3412), such that gas can be effectively prevented from occupying a porous gap of the liquid guide cotton (3421), and liquid in the liquid guide cotton (3421) is more fully and uniformly guided, thereby improving the taste and the service life of the liquid storage cotton (35)-based atomization device.

<Figure 8>