



ABSTRACT

Title: A PORTABLE AIR COOLER

The present invention relates to a portable air cooler, which includes a case, a ball float, a filter team, a conductor refrigerator, a switch team, a motor assembly and an emergency battery set, in which, the
5 case is separated with partitions into a water tank, a cooling box and a motor box, the water tank is stored up exact water, it is connected with the filter team by a floating ball made of close mesh of net connecting a flexible pipe, the filter team connecting various filter
10 elements is connected with cooling box, there are semiconductor refrigerator and its radiator fins set up in the cooling box, the upper side of the cooling box connects with the discharge fan above the motor box next to the shutter, the another end of the motor the same
15 axle, is fixed a turbo blast fan for guiding in air, and air passes a flexible pipe through a ball check valve to the water tank, as a result of the motor's blasting and discharging, the air passes through water flitting, cooling then flitted by the filter team, cooled in
20 cooling box, discharged out for using; in emergency, the emergency battery set supplies power to run the machine for supplying fresh air breathed.