GAS-FIRED CLOTHES DRYER CAPABLE OF REDUCING ENERGY CONSUMPTION AND ACHIEVING SAFE USE

Abstract

The present invention relates to the technical field of gas-fired clothes dryers, in particular to a gas-fired clothes dryer capable of reducing energy consumption and achieving safe use. A gas connecting pipe can be connected to a smoke exhaust pipe in communication with the outside. In use, air can enter a cavity from gas inlets of the gas connecting pipe, thereby providing air for a heating device. Smoke inside a drum can be discharged into an exhaust duct through an air extraction mechanism, and finally the smoke can be discharged from a gas outlet of the gas connecting pipe. When air enters the cavity, it flows through an outer wall of the drum, and heat of the drum preheats the air, thereby reducing the energy consumption of the heating device. The gas-fired clothes dryer provides the air for the heating device through the gas connecting pipe without consuming indoor air, thereby not reducing the indoor oxygen content and being capable of providing safety guarantees for users.

Fig 1.