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The invention relates to the gas cleaning equipment, in particular to devices for air purification from dispersed particles, and may be used in the systems providing for the environmental protection from impurities.

The installation for air purification contains a body, a polluted air supply system and a waste water outlet pipe, placed in the lower part thereof, an irrigation system, including a water inlet pipe, and a reflecting hood, pointed with its concave part downwards, and provided with a dissector of the pumped water, mounted in the central part of the body, as well as a spray catching device and a pipe for outlet of the purified air, placed under the hood. Novelty of the invention consists in that the polluted air supply system supplementary contains a perforated annular air distributor, placed coaxial with the body. The dissector of the pumped water is made conic, placed coaxial with the reflecting hood and having its base fixed to its concave part, and the nozzle of the water inlet pipe is placed opposite to the point of the conic dissector, at the same time the pipe for outlet of the purified air is placed coaxial with the body above the spray catching device.

Claims: 1

Fig.: 1