

A drying cylinder, mostly of paper-making machine, has a body with end covers of the front and the drive sides of the machine. Near the end cover of the drive side of the machine a distribution disc is installed, this separates the cavity of the body of the cylinder to the zone of condensate discharge and the working zone. The distribution disc adjoins the inner surface of the body and has a set of openings neighboring it, to those condensate collectors are connected. Between the neighboring condensate collectors with gap to the inner surface of the body condensate turbulators are installed. Vapor not condensed in the working zone of the cylinder is taken out through the condensate turbulators arranged as swirlers of the vapor flow to the zone of condensate discharge. Vapor, as it goes through the vapor flow swirlers, comes to rotary motion. In the place where vapor rotary motion effects the condensate turbulization of the condensate layer emerges, this leads to intensification of heat exchange.