

## **Experimental research of evaporation regularities for pulverized water moving through high-temperature combustion products**

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### **Abstract**

An experimental research of evaporation integrated characteristics for pulverized water moving through high-temperature combustion products is performed. Scales of the velocity, weight and the characteristic sizes changes of water drops moving through the flame of fixed height are determined. The parameters of water dispersion at which completeness of evaporation is provided are established.