

Accepted Manuscript

Droplet size and velocity characteristics of water-air impinging jet atomizer

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PII: S0301-9322(16)30750-9
DOI: [10.1016/j.ijmultiphaseflow.2017.04.014](https://doi.org/10.1016/j.ijmultiphaseflow.2017.04.014)
Reference: IJMF 2582



To appear in: *International Journal of Multiphase Flow*

Received date: 12 December 2016
Revised date: 3 April 2017
Accepted date: 19 April 2017

Please cite this article as: Y Xia , L Khezzar , M Alshehhi , Y Hardalupas , Droplet size and velocity characteristics of water-air impinging jet atomizer, *International Journal of Multiphase Flow* (2017), doi: [10.1016/j.ijmultiphaseflow.2017.04.014](https://doi.org/10.1016/j.ijmultiphaseflow.2017.04.014)

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Highlights

- Spray angle increases with water jet velocity, air flow rate and impingement angles
- Minimum SMD of 50 μm in the core region of spray
- Maximum diameter of 120 μm located in the outer region of spray
- Liquid droplet velocity modulated by the air jet

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