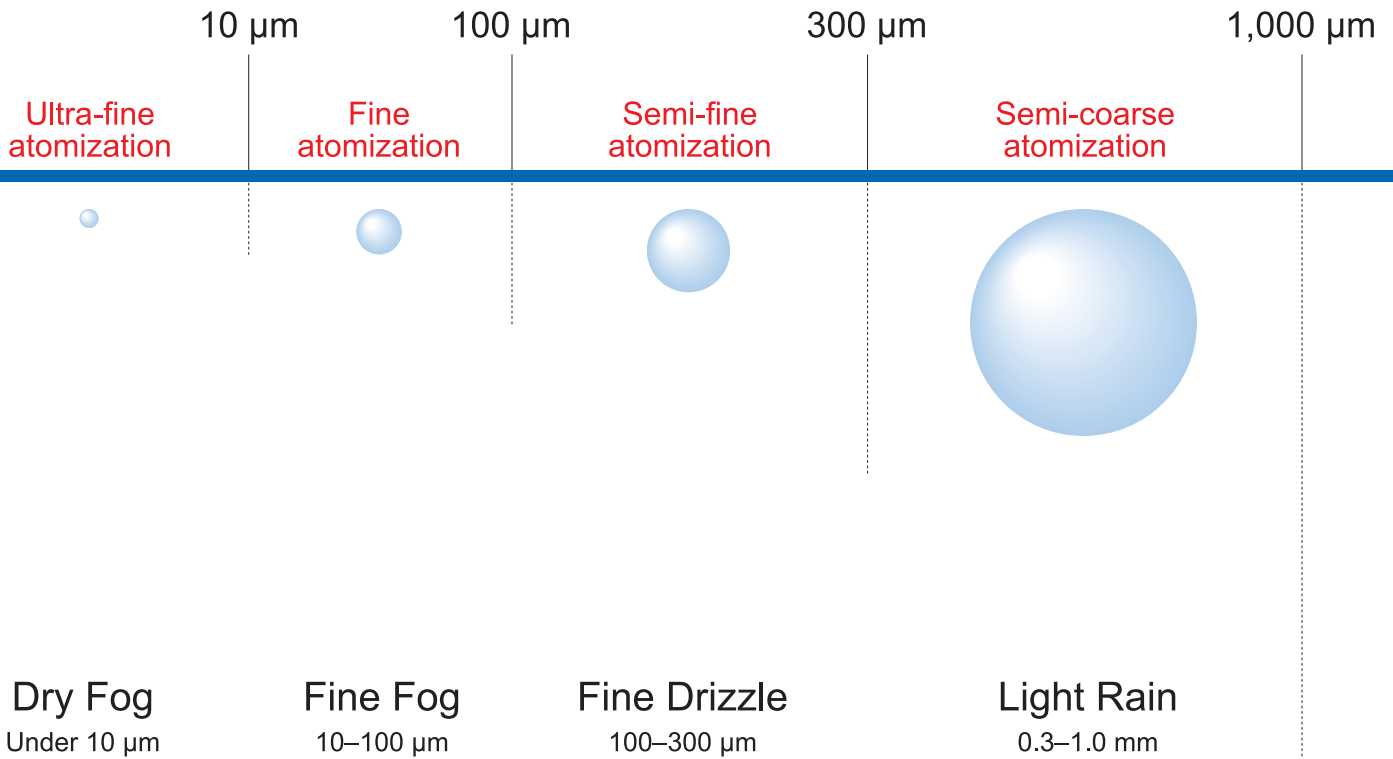


Classification of Spray Droplet Size

There are many opinions on the classification of spray droplet sizes but IKEUCHI, "The Fog Engineers", have classified them as below.



The above classification is based on the spray droplet size (spray droplet diameter) measured by the immersion sampling method.

Measured results differ depending on measuring method. Assuming the mean droplet diameter measured by the immersion sampling method as 1, the correlation of Sauter mean droplet diameters among three measuring method is shown on the right.

Conversion factor for mean droplet diameter

Immersion sampling method	Fraunhofer diffraction method	Laser Doppler method
1	0.45	0.7–0.9