

2. Instability of an Annular Sheet Liquid Flow, Bubble Regime

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This picture shows the annular liquid sheet produced by a snow generator. This annular sheet is destabilised by a co-flowing internal air stream. Different regime of break up may be observed. The longitudinal scales show an encapsulation process. This process was studied extensively and recently modelled at CORIA (X. Jeandel, M. Ledoux. Instability of an Annular Liquid Sheet. The Encapsulation Process. ILASS-EUROPE 2000 Darmstadt 11-13 September 2000)