



Product Code . JL-DSO-10355

Critical Heat Flux Pool

Description

Critical Heat Flux Pool

Critical heat flux describes the thermal limit of a phenomenon where a phase change occurs during heating which suddenly decreases the efficiency of heat transfer.

The understanding of CHF phenomenon is important for safe and economic design of many heat transfer units including nuclear reactors, fossil fuel boilers, fusion reactors, electronic chips, etc.

The experiment is designed to illustrate the characteristics of the boiling phase change phenomenon.

It involves observing the rate of boiling of a saturated liquid on the surface of a submerged hot wire object and measuring the variation of the object temperature with time.

The objective of this experiment is to observe the regimes of nucleate, transition, and film boiling in a pool of saturated liquid, to determine the rate of boiling and to construct the boiling curve.

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heat transfer units including nuclear reactors, fossil fuel boilers, fusion reactors, electronic chips, etc. The experiment is designed to illustrate the characteristics of the boiling phase change phenomenon. It involves observing the rate of boiling of a saturated liquid on the surface of a submerged hot wire object and measuring the variation of the object temperature with time. The objective of this experiment is to observe the regimes of nucleate, transition, and film boiling in a pool of saturated liquid, to determine the rate of boiling and to construct the boiling curve. Critical Heat Flux Pool Manufacturer India, Critical Heat Flux Pool Exporters, Electrical Equipment Critical Heat Flux Pool, Buy Critical Heat Flux Pool, Buy Critical Heat Flux Pool Online India, Lab Exporters India, Electrical Training Equipment Exporters and Educational Equipments, Electrical Training Equipment Suppliers, Electronics Instruments and Equipments Manufacturer", "brand": "Jlab Export", "sku": "5", "gtin8": "5", "gtin13": "5", "gtin14": "5", "mpn": "5", "aggregateRating": { "@type": "AggregateRating", "ratingValue": "5", "bestRating": "5", "worstRating": "0", "ratingCount": "5" } }
