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The Heat Exchanger Used In This Study Is A KAORI K205S Series BPHE With 54 Plate Channels For Each Fluid. A Similar Model Of BPHE (K205 Type) Was Cut To Accurately Obtain The Internal Geometric Dimensions. Figure 2 And Table 1 Show The Measured Geometric Para Apr 7th, 2024

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An Emerson Micro Motion Coriolis Flow Meter (model CMF100) Connected To A Digital Field-Mount Transmitter (model RFT9739) That Conditions The Flow Information For The Data Acquisition System. From The Coriolis Flow Meter It Then Flows Into The Test Section. Air Is Supplied Via An I Mar 4th, 2024

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Varied In The Range Of 0.2-5. The Length Of The Microchannel Was 4 Mm, Height And Width Were 0.1 Mm Each For A Square Microchannel. For Varying Aspect Ratios Of The Microchannel, The Height And Width Of The Microchannel Were Taken In The Range Of 0.06-0.3 Mm To Keep The Feb 9th, 2024

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Keywords: Heat Pipe, Two Phase Flow, Dehumidification, Oscillation 1.

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24v DJ{Ux-Vsf+{Uz-V2f + 2 L-cr; (8) The Relation Between The Reynolds Stresses And The Rate Of Flow Shape Change As Follows (Longo, 2005): ... Savage And McKewon (1983) Presented The Following Equation Based On Their Experi Ments: L.2A2vpf (15) Where ... Mar 9th, 2024

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Mohammed Ismail, Shahram Fotowat, Amir Fartaj . University Of Windsor . 401 Sunset Avenue, Windsor, Canada . Ismailf@uwindsor.ca; Fotowat@uwindsor.ca; Fartaj@uwindsor.ca . Abstract-The Effect Of Circular Channel Diameter On Con Feb 4th, 2024

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Prinsloo Et Al. [4] Investigated The Heat Transfer And Pressure Drop Characteristics In The Turbulent Flow Regime Of The Annuli Of Horizontal Tube-in-tube Heat Exchangers. Among Ot Jan 1th, 2024

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