

# ERRATUM

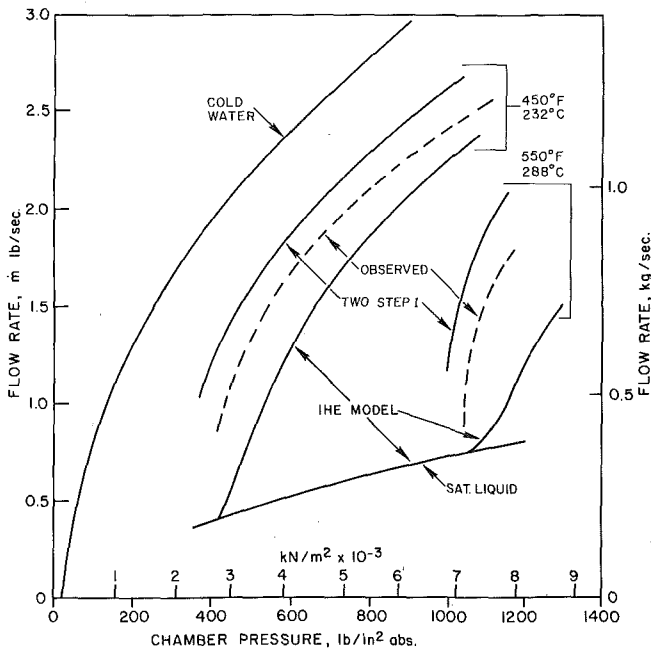
**Erratum: V. E. Schrock, E. S. Starkman, and R. A. Brown, "Flashing Flow of Initially Subcooled Water in Convergent-Divergent Nozzles," published in the May 1977 issue of the JOURNAL OF HEAT TRANSFER, pp. 263-268.**

Figs. 10 and 11 contained incorrect curves for the isentropic homogeneous model (IHE). The curves were taken from R. A. Brown's thesis (reference [2] of the paper) where the IHE procedure was correctly described. The source of the error is not clear. Corrected figures are given here. The results shown are based upon neglect of liquid compressibility which was found to influence IHE predictions on the order of one percent only. To simplify the appearance of the figures, the curves labeled Two-Step II have been deleted, since that model produced poor comparison with the experimental data.

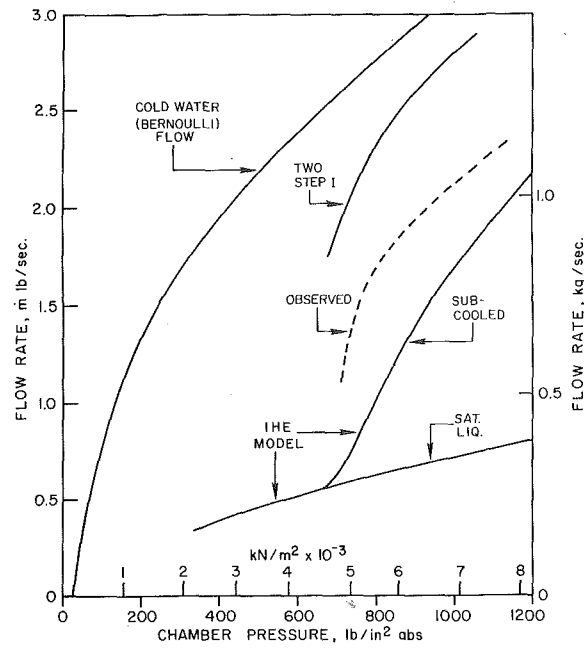
The first conclusion of the paper must be modified in light of this error. As the corrected figures show, the experimentally observed flowrates are higher than predicted by the IHE model, but by a much smaller margin. The difference is generally less than 60 percent of the experimental value or 150 percent of the IHE prediction. It remains true that the data show a delay in the onset of nucleation and therefore a degree of metastability in the expansion process.

The erroneous results for the IHE model also appeared in an earlier version of the paper under the same title, i.e., ASME Paper 76-HT-12. The authors are grateful to Professor R. L. Collins of the University of Louisville, who called attention to the error.

In Table 1 the temperature entry for run 3 (166.1) is incorrect. The correct value is 221.



**Corrected Fig. 10 Comparison of observed and theoretical flowrate for nozzle 3 at 232 and 288 C**



**Corrected Fig. 11 Comparison of observed and theoretical flowrate for nozzle no. 3 at 260 C**