

English Title of the Paper (Times New Roman 14pt Bold)

—2nd Report: English Sub-Title—(Times New Roman 12pt Bold)

Taro YAMADA*

Jiro KAWAKAMI**

Saburo YAMAKAWA*† (Times New Roman 10.5pt)

*Department of Mechanical Engineering, Faculty of Engineering, The University of Tokyo
(7-3-1 Hongo, Bunkyo-ku, Tokyo, 113-0033)

**Institute of Environmental Studies, Graduate School of Frontier Science, The University of Tokyo
(7-3-1 Hongo, Bunkyo-ku, Tokyo, 113-0033)

Summary

A concise and factual abstract is required. The abstract should state briefly the purpose of the research, the principal results and major conclusions. An abstract is often presented separately from the article, so it must be able to stand alone. For this reason, references should be avoided. Also, non-standard or uncommon abbreviations should be avoided, but if essential they must be defined at their first mention in the abstract itself. The abstract must not exceed 200 words. The use of Times New Roman 9 pt with 10pt between the lines is recommended. Before typing, indent with two characters spaces should be given.

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Keywords: Heat transfer, Thermal storage, Evaporation, Condensation, Refrigeration

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Main headings will be Introduction, Nomenclature, Theory, Experimental, Results, Discussion, Conclusions, and References. Leave a blank line above and below each main heading. Main heading is typed with 11pt and centered.

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3. Equations

Mathematical equations should be numbered serially such as (1), (2), (3). Cite as Eq. (1), Eqs. (3) - (5). Spell out "Equation" if at the beginning of a sentence.

$$e_1 = \frac{P}{\rho_L} + \frac{u_L^2}{2} + gz \quad (1)$$

$$E = e_g W_g + e_L W_L \quad (2)$$

4. Figures and Tables

Each figure and table must have a caption. Numbers should be given as Fig.1, Fig.2, Table 1 (photos are included in figures). Cite as Fig.1, Figs. 1-3, or Table 1. If it appears at the beginning of a sentence, it should be indicated as Figure 1 or Figures 1-3 without abbreviation.

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Figures, Tables and photos should be enough clear to be printed and letters in the figures and tables are

†Fax:+81 3-3456-7890 (example) E-mail:Corresponding@reito.or.jp (example)

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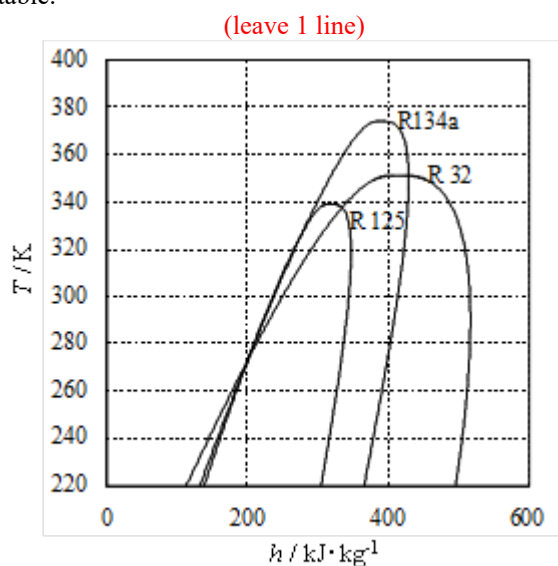


Fig.1 Temperature-enthalpy diagram of R 32, R 125 and R 134a.

(leave 1 line)

Table 2 Molar masses, standard boiling points and critical temperatures of the refrigerants

Refrigerant	M $\text{g} \cdot \text{mol}^{-1}$	T_b K	T_c K
R 10	153.822	349.88	556.36
R 11	137.367	296.89	471.16
R 12	120.913	243.364	384.98
R 13	104.459	193.21	301.87
R 14	88.004	145.11	227.61
R 20	119.377	334.28	536.36
R 21	102.922	282.1	451.56
R 22	86.468	232.34	369.3
R 23	70.014	191	299

(leave 1 line)

5. Unit and Nomenclature

The use of SI units is recommended. For example; k [$\text{W}/(\text{m K})$] or k [$\text{Wm}^{-1}\text{K}^{-1}$], $k = 0.58 \text{ W}/(\text{m K})$ or $k = 0.58 \text{ Wm}^{-1}\text{K}^{-1}$.

List symbols in alphabetical order with their definition and SI units. Greek letters, subscripts and superscripts should follow Roman symbols.

6. Chemical Nomenclature

Use IUPAC or Chemical Abstract conventions. As for abbreviation of chemical compound, follow

international common use. If necessary, note in the main body or footnote. As for name of enzyme, follow rules of International Union of Biochemistry. As for refrigerant numbers, insert half space (or space of one quarter) between R and symbol such as R 134a.

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