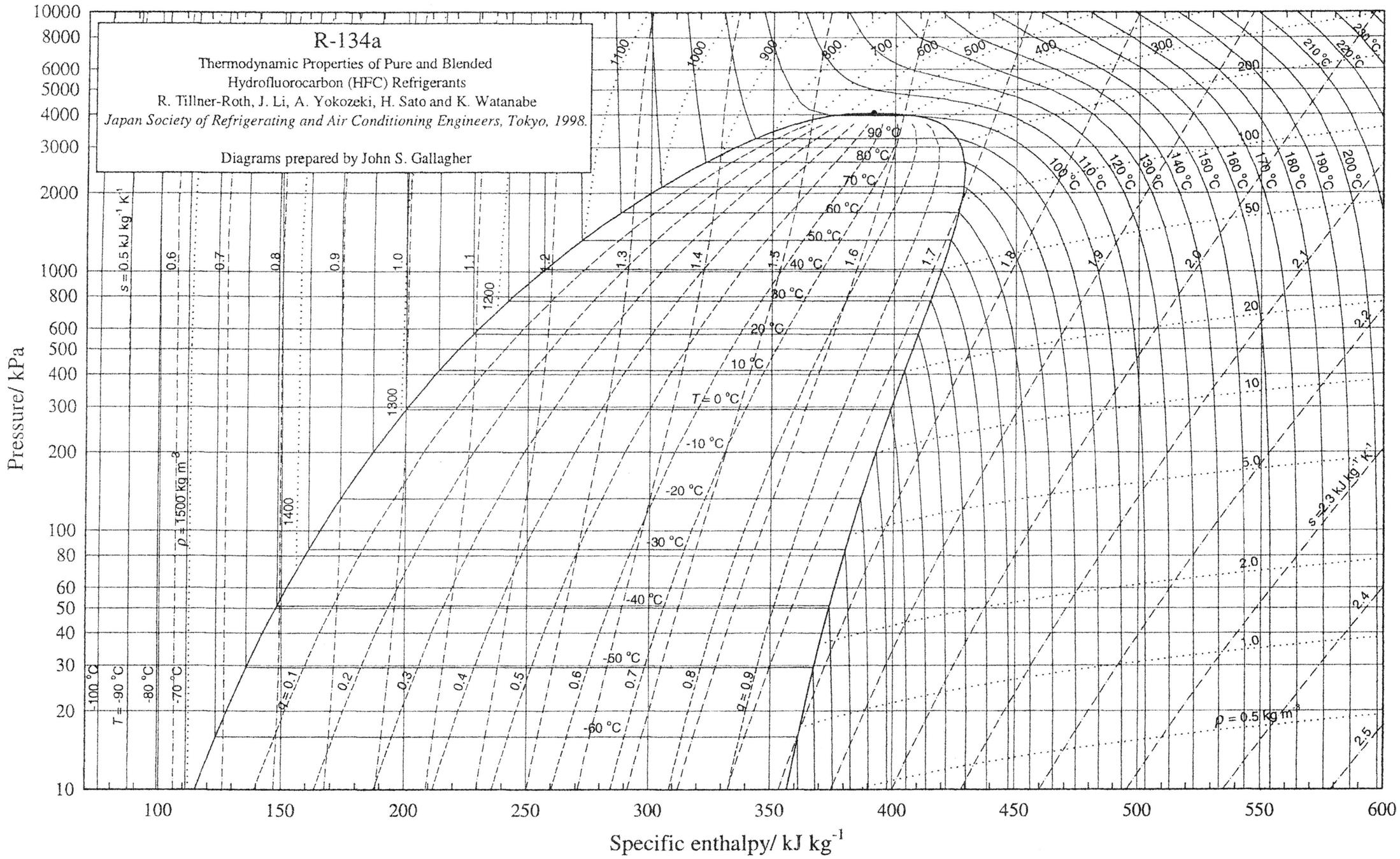
R-134a
Thermodynamic Properties of Pure and Blended
Hydrofluorocarbon (HFC) Refrigerants
R. Tillner-Roth, J. Li, A. Yokozeki, H. Sato and K. Watanabe
Japan Society of Refrigerating and Air Conditioning Engineers, Tokyo, 1998.
Diagrams prepared by John S. Gallagher
Pressure/ kPa
Specific enthalpy/ kJ kg-1
s = 0.5 kJ kg-1 K-1
ρ = 1500 kg m-3
T = -90 °C
-100 °C
-80 °C
-70 °C
α = 0.1
α = 0.9
T = 0 °C
ρ = 0.5 kg m-3
s = 2.3 kJ kg-1 K-1