

# R-134a Temperature Pressure Chart

(Tabla de Temperaturas y Lecturas)

**Ambient  
Temperature °F / °C**

(Temperatura Ambiental)

**Low-Pressure Gauge**

(Puerto de Servicio del Lado  
de Baja Presión)

**High-Pressure Gauge**

(Puerto de Servicio del Lado  
de Lado de Alta Presión)

65°F (18°C)

25-35 psi / 172-241 kPa

135-155 psi / 931-1069 kPa

70°F (21°C)

35-40 psi / 241-276 kPa

145-160 psi / 1000-1103 kPa

75°F (24°C)

35-40 psi / 241-310 kPa

150-170 psi / 1034-1172 kPa

80°F (27°C)

40-50 psi / 276-345 kPa

175-210 psi / 1207-1448 kPa

85°F (29°C)

45-55 psi / 310-379 kPa

225-250 psi / 1551-1724 kPa

90°F (32°C)

45-55 psi / 310-379 kPa

250-270 psi / 1724-1862 kPa

95°F (35°C)

50-55 psi / 345-379 kPa

275-300 psi / 1896-2068 kPa

100°F (38°C)

50-55 psi / 345-379 kPa

315-325 psi / 2172-2241 kPa

# R134a R600a Pressure Temperature Graph

**Judd E. Hollander**

A red circular graphic with a gradient, appearing as a semi-circle or a partial circle, located to the right of the author's name.

### **R134a R600a Pressure Temperature Graph:**

*Encyclopedia Of Two-phase Heat Transfer And Flow I: Fundamentals And Methods (A 4-volume Set)* John R Thome, 2015-08-14 The aim of the two set series is to present a very detailed and up to date reference for researchers and practicing engineers in the fields of mechanical refrigeration chemical nuclear and electronics engineering on the important topic of two phase heat transfer and two phase flow The scope of the first set of 4 volumes presents the fundamentals of the two phase flows and heat transfer mechanisms and describes in detail the most important prediction methods while the scope of the second set of 4 volumes presents numerous special topics and numerous applications also including numerical simulation methods Practicing engineers will find extensive coverage to applications involving multi microchannel evaporator cold plates for electronics cooling boiling on enhanced tubes and tube bundles flow pattern based methods for predicting boiling and condensation inside horizontal tubes pressure drop methods for singularities U bends and contractions boiling in multiport tubes and boiling and condensation in plate heat exchangers All of these chapters include the latest methods for predicting not only local heat transfer coefficients but also pressure drops Professors and students will find this Encyclopedia of Two Phase Heat Transfer and Flow particularly exciting as it contains authored books and thorough state of the art reviews on many basic and special topics such as numerical modeling of two phase heat transfer and adiabatic bubbly and slug flows the unified annular flow boiling model flow pattern maps condensation and boiling theories new emerging topics etc

**Sustainable Retail Refrigeration** Judith A. Evans, Alan M. Foster, 2016-01-19 Carbon emissions from the retail segment of the food cold chain are relatively high compared to other parts of the food cold chain Studies have also shown that food temperature is less well controlled at the retail and consumer end of the cold chain There is therefore considerable potential to optimize performance of refrigerated display cabinets and the refrigeration systems that are used to operate them to reduce carbon emissions and to improve food temperature control Sustainable Retail Refrigeration draws together world experts on retail refrigeration In a single resource the authors cover the latest technologies and best current knowledge in the field With increasing concerns about energy use and global warming gasses retailers are increasingly being called to account for their actions Sustainable Retail Refrigeration is a valuable reference to manufacturers managers and policy makers incorporating both a design and an operational perspective

*Causes, Impacts and Solutions to Global Warming* Ibrahim Dincer, Can Ozgur Colpan, Fethi Kadioglu, 2013-10-29 Global Warming Causes Impacts and Solutions covers all aspects of global warming including its causes impacts and engineering solutions Energy and environment policies and strategies are scientifically discussed to expose the best ways to reduce global warming effects and protect the environment and energy sources affected by human activities The importance of green energy consumption on the reduction of global warming energy saving and energy security are also discussed This book also focuses on energy management and conservation strategies for better utilization of energy sources and technologies in buildings and industry as well as ways of

improving energy efficiency at the end use and introduces basic methods for designing and sizing cost effective systems and determining whether it is economically efficient to invest in specific energy efficiency or renewable energy projects and describes energy audit producers commonly used to improve the energy efficiency of residential and commercial buildings as well as industrial facilities These features and more provide the tools necessary to reduce global warming and to improve energy management leading to higher energy efficiencies In order to reduce the negative effects of global warming due to excessive use of fossil fuel technologies the following alternative technologies are introduced from the engineering perspective fuel cells solar power generation technologies energy recovery technologies hydrogen energy technologies wind energy technologies geothermal energy technologies and biomass energy technologies These technologies are presented in detail and modeling studies including case studies can also be found in this book

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*Automotive Design* H. K. Phlegm, 2009-06-18 From the development of polymers that make cars lighter to fuels that make them run cleaner the chemist s role in the automotive industry has evolved to be one that is more outside the laboratory than in it Drawing on the author s 20 years of experience in vehicle design and laboratory experience *The Role of the Chemist in Automotive*

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