

R448a N40 Pressure Temperature Chart

Refrigerant Changeover Guidelines HFC R-404A/R-407A/C/F to ... R448A | N40 SAFETY DATA SHEET - Refrigerants Honeywell Solstice Refrigerants N40 R448A Pressure - Temperature Chart - Honeywell Solstice® N40 (R-448A) | European Refrigerants R448a N40 Pressure Temperature Chart HCFC Retrofit Guidelines HCFC-22 to R448A Solstice® N40 Honeywell Solstice® N40 Refrigerant (R-448A) 00000017419 Pressure/Temperature Chart Low Pressure Refrigerants R448A (N40) - agas.com Reduced GWP And Higher Energy Efficiency Solstice N40 (R-448A) - honeywell-refrigerants.com REFRIGERANT CHANGEOVER HFC R404A OR R507 TO HFC R407A ... Refrigerant Pipe Sizes Solstice® N40 (R-448A) Technical R-407A Guidelines - Refrigerants R448A (N40) Pressure Temperature Chart Refrigerants - Temperature and Pressure Charts offers; Refrigerant Solutions

Refrigerant Changeover Guidelines HFC R-404A/R-407A/C/F to ...
Available in the following sizes. Pressure-Temp Chart. -40 -35 -30 -25 -20 -15 -10 -5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100 105 110 115 120 125 130 135 140.

R448A | N40
R448A (Solstice® N40) is a non-flammable HFO blend, used as a replacement for R404A and R22 in low and medium temperature refrigeration applications. It provides an excellent combination of low Global Warming Potential (GWP) and high energy efficiency and offers reduced compressor discharge temperature at medium and low temperature conditions.

SAFETY DATA SHEET - Refrigerants
Solstice® N40 (R-448A) Zeotropic blend designed to serve as a replacement for R-404A in supermarket refrigeration retrofits or new systems. Excellent low-GWP, highly energy efficient and non-flammable refrigerant for low and medium temperature in commercial refrigeration: supermarket systems, vending machines (plug-ins) and other applications.

Honeywell Solstice Refrigerants N40 R448A
Box 1053 Morristown, New Jersey 07962-1053 For more information call us at 1-800-631-8138 or visit us at www.genetron.com. Pressure - Temperature Chart.

Pressure - Temperature Chart - Honeywell
Pressure/Temperature Chart Full Line of Refrigerants Available. Liquid Density of Refrigerants Temperature ...

Solstice® N40 (R-448A) | European Refrigerants
R407A, R407F, R448A and R449A have a temperature glide between 3K and 6K. 9. Polyolester lubricant in use with R404A/R507 is suitable for use with R407A, R407F, R448A and R449A. If the lubricant is contaminated or an acid test indicates high levels of acidity, then a lubricant change is required.

R448a N40 Pressure Temperature Chart
R448A (N40) Pressure Temperature Chart R448A (N40) Temperature (°C) Pressure (barA) Pressure (barg) Pressure (psig) Pressure (barA) Pressure (barg) Pressure (psig)-70 -0.27 -0.74 -10.76 0.18 -0.84 -12.11-68 0.31 -0.71 -10.24 0.20 -0.81 -11.74-66 0.35 -0.67 -9.67 0.23 -0.78 -11.32-64 0.39 -0.62 -9.04 0.26 -0.75 -10.86-62 0.44 -0.58 -8.34 0.30 -0.71 -10.35

HCFC Retrofit Guidelines HCFC-22 to R448A Solstice® N40
Solstice® N40 (R-448A) Characteristics Solstice N40 (R-448A) is a zeotropic blend designed to serve as a replacement for R-22 and R-404A in supermarket refrigeration retrofits or new systems. It provides an excellent combination of low GWP and high energy efficiency. Applications Solstice N40 (R-448A) is an excellent low GWP and non-flammable

Honeywell Solstice® N40 Refrigerant (R-448A) 000000017419
Refrigerants - Temperature and Pressure at Constant Boiling - Temperature and pressure diagram for constant boiling refrigerants - imperial and SI units Thermodynamic Properties of Refrigerant R-22 - Properties of R-22 - vapor volume, enthalpy and entropy at pressures from 30 to 260 psia

Pressure/Temperature Chart Low Pressure Refrigerants
R448A Thermodynamic & Transport Properties (Based on Venus model) Name Category Pure/Mixture ... Temperature= Pressure= Density= ... Saturated Vapor Pressure, Boiling Point(dew point), Latent Heat of Vaporization are saturated properties, just enter One parameter to calculate them! ...

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SAFETY DATA SHEET Honeywell Solstice® N40 Refrigerant (R-448A) 00000017419 Page 4 / 20 Version 1.4 Revision Date 10/30/2014 Print Date 12/22/2014 circumstances and the surrounding environment. Specific hazards during firefighting : Contents under pressure. This product is not flammable at ambient temperatures and atmospheric pressure.

Reduced GWP And Higher Energy Efficiency
R448A (Solstice® N40) is a non-flammable HFO blend, used as a replacement for R404A and R22 in low and medium temperature refrigeration applications. It provides an excellent combination of low Global Warming Potential (GWP) and high energy efficiency and offers reduced compressor discharge temperature at medium and low temperature conditions.

Solstice N40 (R-448A) - honeywell-refrigerants.com
pressure drop. Problem A simple sizing chart is needed for use by installation and service technicians and system designers. Resolution The following charts give recommended pipe sizes for +15 °F saturated suction temperature and -25 °F saturated suction temperature. ... Solstice® N40 (R-448A) Technical Bulletin Product: Solstice N40 ...

REFRIGERANT CHANGEOVER HFC R404A OR R507 TO HFC R407A ...
R-448A Temperature/Pressure Chart Sat Temp Pressure °F Vapor Liquid 54 95.39 114.98 56 99.22 119.23 58 103.16 123.58 60 107.19 128.03 62 111.33 132.59 64 115.57 137.25 66 119.93 142.02 68 124.39 146.91 70 128.96 151.90 72 133.65 157.01 74 138.45 162.23 76 143.37 167.57 78 148.40 173.03 80 153.56 178.61 82 158.84 184.31 84 164.25 190.13 86 169.78 196.08 88 175.45 202.15 90 181.24 208.36

Refrigerant Pipe Sizes Solstice® N40 (R-448A)
Laboratories, Solstice N40 increased system COP by 11.6% and capacity by 7.5% over the ambient temperature range. 4.0 3.5 3.0 2.5 2.0 1.5 40 60 80 100 120 Ambient Temperature (oF) COP COP, R448A COP, R-404A 105% 100% 95% 90% 85% Condensing Temperature (oF) 24h Energy Consumption (% of R404A 90 105 120 R404A R448A Mechanical Subcooler Liquid Receiver

Technical R-407A Guidelines - Refrigerants
CONVERSION FACTORS. (Please Note: This chart is intended as a guide only) Heat Flow Btu/hr x 0.252 = kcal/hr Btu/hr x 0.293 = watts Watts x 0.86 = kcal/hr Watts x 3.4129 = Btu/hr Watts x 0.000284 = ton (refr) Watts x 0.00133 = HP kcal/hr x 1.163 = watts kcal/hr x 3.97 = Btu/hr HP x 746 = watts ton (refr) x 3517 = watts.

R448A (N40) Pressure Temperature Chart
valve manufacturer to confirm the suitability of the original valve when using R448A. For systems equipped with a capillary tube refer to the table below for recommendations. Always consult the manufacturer of the equipment prior to retrofitting. R448A Low Temperature Medium Temperature 0 .7-1 .0 0 .8-1 .0 Retrofit Conditions

Refrigerants - Temperature and Pressure Charts
In supermarket trials conducted in the U.S. and Europe, Solstice N40 demonstrated at least 3% lower energy consumption in low-temperature applications and 5% to 16% lower energy consumption in medium-temperature refrigeration compared with R-404A. In R-22 retrofit scenarios, Solstice N40 has delivered similar system performance.

offers: Refrigerant Solutions
Honeywell Solstice® N40 Refrigerant (R-448A) 00000017419 Page 6 / 18 Version 2.1 Revision Date 12/07/2015 Print Date 05/24/2016 Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment. Wear a positive-pressure supplied-air respirator. Vapours are heavier than air and can cause suffocation by

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