

T Chart For R22

HVAC 027 reading a Pressure Temperature Chart, saturated temperature chart - HVAC 027 reading a Pressure Temperature Chart, saturated temperature chart 13 Minuten, 41 Sekunden - 410A single refrigerant PT **chart**, here https://www.es-refrigerants.com/docs/29132_585.pdf Esco **Chart**, here ...

Intro

HCFC

Pressure

Saturated

Temperature pressure saturated chart

Digital gauges

Saturated Refrigerant Temperature Basics, The P/T Chart, \u0026 Reading The Gauge Set! - Saturated Refrigerant Temperature Basics, The P/T Chart, \u0026 Reading The Gauge Set! 10 Minuten, 41 Sekunden - In this HVAC Training Video, I Explain Step By Step How **to**, Read the Pressure/Temperature P/T **Chart**, How **to**, Read the ...

Intro

Saturated refrigerants

Pressure temperature chart

Compound Gauges

Basics on reading a refrigerant PT chart - Basics on reading a refrigerant PT chart 2 Minuten, 47 Sekunden - This video will show you the basics on reading a refrigerant pressure temperature **chart**,. Follow these tips and you cant fail.

How to Use a P-T Chart - How to Use a P-T Chart 13 Minuten, 37 Sekunden - Manufacturers of refrigerants, controls, and other suppliers distribute hundreds of thousands of pressure-temperature **charts to**, the ...

EVAPORATOR

Saturated

Superheated

RULE 3 Subcooled

How to Read the HVAC P/T Chart for the Refrigerant Pressure Temperature Relationship! - How to Read the HVAC P/T Chart for the Refrigerant Pressure Temperature Relationship! 11 Minuten - In this HVAC Training Video, I show you How **to**, Read the Refrigerant P/T **Chart**, for the Pressure-Temperature Relationship.

Read a Pressure Temperature Chart

Saturated Temperature

Pressure Temperature Chart

R-22 Subcooling Examples! Check The Charge with 4 Different Scenarios! - R-22 Subcooling Examples! Check The Charge with 4 Different Scenarios! 6 Minuten, 24 Sekunden - In this HVAC Training Video, I Show 4 Examples for You **to**, Check the **R-22**, Refrigerant Charge Using the Subcooling Method.

Four Scenarios Subcooling: R-22

Temp Meter is used to determine line temp.

227 PSI on the high side

227 PSI = 110°F Sat Temp

Target Subcooling can often be found on the outdoor unit rating plate.

Scenario 2

319 PSI on the high side

97°F Liquid Line Temp

System is Undercharged

Adding refrigerant will increase the Subcooling.

When adding refrigerant, add to the low side, while the system is running.

Scenario 3

84°F Liquid Line Temp

°F Sat Temp - 84°F Line Temp

Scenario 4

92°F Liquid Line Temp

20°F Subcooling

To recover refrigerant while the system is running, recover from the high pressure side.

As refrigerant is recovered from the system, the subcooling will lower, bringing the total closer to the target subcooling.

After checking Subcooling on a system with a TXV, the Superheat must still be checked.

Subcooling is calculated on the high side of the system, on the red gauge and liquid line.

Total Superheat is calculated on the low side of the system, on the blue gauge and vapor line.

Total Superheat is measured to ensure that the TXV is operating properly.

74 PSI on the low side.

74 PSI = 43°F Sat Temp

55°F Vapor Line Temp

In a system that is correctly charged or overcharged, if the TXV is operating correctly, it tries to maintain an accurate Total Superheat.

How To Refill R22 AC With Subcooling Method - How To Refill R22 AC With Subcooling Method 14 Minuten, 30 Sekunden - How **to**, refill refrigerant in a home AC or air conditioner. In this video I recharge a **R22**, unit with refrigerant using the subcooling ...

R22 or R410a? Refrigerant PT Chart example - R22 or R410a? Refrigerant PT Chart example 2 Minuten, 46 Sekunden - If you are not sure what type of refrigerant takes your Air Conditioner it is easy **to**, find out? It can be either the Old **R22**, or the new ...

R-22 and R-410a Low Pressure, High Superheat, Refrigerant Charging Problem Explained! - R-22 and R-410a Low Pressure, High Superheat, Refrigerant Charging Problem Explained! 8 Minuten, 6 Sekunden - In this HVAC Refrigerant Charging Video I go over what it means **to**, have low **R-22**, Freon or Low R-410A Suction Vapor Pressure ...

R22

Liquid Line Restriction

An Improperly Sized Thermostatic Expansion Valve

How To Check Superheat \u0026amp; Subcooling On An HVAC System - How To Check Superheat \u0026amp; Subcooling On An HVAC System 16 Minuten - ?? Disclaimer: This video is for educational purposes. Any and all HVAC repair work is done at your own risk. Before handling ...

Intro

Tools Needed

Safety

Testing

Outro

R22 air conditioner with good pressure and temperature split - R22 air conditioner with good pressure and temperature split 7 Minuten, 12 Sekunden - Wanna Learn more about hvac? Check out my hvac tips for technicians playlist.

Glide, Dew Point, Bubble Point, PT Charts and the Refrigerant Slider App - Glide, Dew Point, Bubble Point, PT Charts and the Refrigerant Slider App 11 Minuten, 24 Sekunden - In this video, we talk about PT **charts**,, saturation, superheat, subcool, glide, dew point, and bubble point and using the Danfoss ...

Superheat Sensible Heat Added Above Boiling

295 PSI Condensing PRESSURE

Point of First Change

Subcooling = Use Bubble Superheat = Use Dew

How to Measure Superheat and Subcooling! - How to Measure Superheat and Subcooling! 10 Minuten, 41 Sekunden - This is 4 HVAC Scenarios on How **to**, Measure Subcooling or Superheat **to**, Check a Refrigerant Charge Level. There are 4 ...

Intro

Subcooling

Thermostatic Expansion Valve

Overcharging

R-22, R-410A Refrigerants! Checking the Charge- Vapor/Suction Operating Pressures, What is Too Low! - R-22, R-410A Refrigerants! Checking the Charge- Vapor/Suction Operating Pressures, What is Too Low! 6 Minuten - HVAC **R22**, 410A Refrigerants! Checking the Charge- Vapor/Suction Operating Pressures, What is Too Low! **P/T Chart**, on the ...

Air Conditioner Troubleshooting! Connecting, Measuring, Fixing, Disconnecting! - Air Conditioner Troubleshooting! Connecting, Measuring, Fixing, Disconnecting! 21 Minuten - In this HVAC Training Video, I Show the Step By Step Procedure for Fixing an Air Conditioner that has a Frozen Suction Line if its ...

Sie können Ihre Klimaanlage zu Hause wie ein Auto aufladen? Kältere Luft in 6 Minuten! - Sie können Ihre Klimaanlage zu Hause wie ein Auto aufladen? Kältere Luft in 6 Minuten! 18 Minuten - Sie finden Ihr Kältemittel hier: [Abilityrefrigerants.com](https://amzn.to/4lokWYn)\nAppion 1/4\" Schrader-Kernausschreiber:
<https://amzn.to/4lokWYn>\nAppion 5 ...

Intro

Sponsor

Low Refrigerant

DIY HVAC Website

How To Fix A Leak

What Youll Need

The Purple Scale

Adding Refrigerant

Thaw Out Ice

Results

When to Charge

Closing the System

Check the Refrigerant Charge in Superheat STEP BY STEP! - Check the Refrigerant Charge in Superheat STEP BY STEP! 6 Minuten, 52 Sekunden - In this HVAC Video, I Show how **to**, Check the Refrigerant Charge Level with the Superheat Method instead of the Subcooling ...

Check the Refrigerator Charge in Subcooling

Too Much Superheat

Add Refrigerant

How to Use a P-T Chart for HVACR System Diagnosis - How to Use a P-T Chart for HVACR System Diagnosis 13 Minuten, 53 Sekunden - Learn how **to**, use a pressure-temperature wall **chart**., pocket **chart**., or SMART Pro/R app. We will illustrate how pressure and ...

Intro

Who am I

How to Use a PT Chart

Learning Objectives

Pressure Temperature Charts

Chill Master PT

Superheated Vapor

What do we need

Measuring Superheat

Measuring Subcooled Liquid

Rules for Refrigerant Condition

R22 Refrigerant: Why You Don't Need to Replace Your System - R22 Refrigerant: Why You Don't Need to Replace Your System von HVAC REBUILDERS 29.596 Aufrufe vor 1 Jahr 53 Sekunden – Short abspielen - In this informative video, we explore the myths and facts surrounding **R22**, refrigerant phaseout. Discover why you might not need ...

R-22 and R-410A Operating Pressures on Air Conditioners! Checking the Charge! - R-22 and R-410A Operating Pressures on Air Conditioners! Checking the Charge! 7 Minuten, 41 Sekunden - In this HVAC Training Video, I show the **R-22**, and R-410A Range of Operating Pressures on Air Conditioning Systems! I show why ...

HVAC Training - Pressure Guages and the Pressure Temperature Chart - HVAC Training - Pressure Guages and the Pressure Temperature Chart 5 Minuten, 21 Sekunden - <http://www.hvactrainingsolutions.net> HVAC Training - A short lesson on how our refrigeration gauges relate the a pressure ...

How to read P h Chart explained with Numerical - How to read P h Chart explained with Numerical 10 Minuten, 13 Sekunden - this lecture will explain how **to**, use P-H **chart**, for calculating COP, Heat rejected by Condenser, Refrigerating effect, compressor ...

How to Read Refrigerant Charts - How to Read Refrigerant Charts 4 Minuten, 29 Sekunden - Learn how **to**, read Refrigerant **Charts**., R410a and other refrigerants use **charts**, that are specific **to**, the type of refrigerant. See what ...

EPA CFC 608 Test Study Guide - Using the P/T Chart to find the refrigerant type in a cylinder - EPA CFC 608 Test Study Guide - Using the P/T Chart to find the refrigerant type in a cylinder 3 Minuten, 59 Sekunden - Mr. Stringham explains how **to**, use the Pressure Temperature (P/T,) **chart to**, show how **to**, find what type of refrigerant is in the tank ...

Intro

Mislabeled

Pressure and Temperature

Infrared Thermometer

Pressure Chart

Vapor Pressure Chart

ESCO Chart

Charging Freon: Checking the Freon R-22 Refrigerant Charge Step By Step and How to tell if its Low! - Charging Freon: Checking the Freon R-22 Refrigerant Charge Step By Step and How to tell if its Low! 4 Minuten, 18 Sekunden - Charging Freon: Checking the Freon **R-22**, Refrigerant Charge Step By Step and How **to**, tell if it's Low! This is How **to**, Check a ...

How to properly convert from r22 to mo99 - How to properly convert from r22 to mo99 6 Minuten, 34 Sekunden - raleigh durham chapel hill garner apex holly springs and wake forest premier plumbing heating and air conditioning contractor we ...

recover all of the refrigerant

removing the valve core

add refrigerant the mo 99 into the system

begin fine-tuning

get a diffuser for the end of your refrigerant

R-410A and R-22 Refrigerant Low Pressure \u0026 Low Superheat Problem Explained! Freezing? - R-410A and R-22 Refrigerant Low Pressure \u0026 Low Superheat Problem Explained! Freezing? 7 Minuten, 7 Sekunden - In this HVAC Refrigerant Charging Video I go over what it means **to**, have low **R-22**, Freon or Low R-410A Suction Vapor Pressure ...

R22

Low Superheat

Air Blockage

Best replacement for r22 refrigerant gas in refrigeration and air-conditioning - Best replacement for r22 refrigerant gas in refrigeration and air-conditioning 5 Minuten, 14 Sekunden - Six both with r 407a and r407c the mass flow rates are very similar **to R22**, and it rarely requires a change of the original expansion ...

AC r22 gas charging - AC r22 gas charging von fridge wala 220.061 Aufrufe vor 2 Jahren 16 Sekunden – Short abspielen

Capillary Tube Data Chart for R-22, R-410A, R32 - Capillary Tube Data Chart for R-22, R-410A, R32 7 Minuten, 23 Sekunden - My Whatsapp : +92 3059126576 #capillarytubesize #ThermostaticExpansionValve #CapillaryTube Some Important video Links.

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