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You can find the Trane tonnage and SEER in the 5th, 7th and 8th characters of the Trane model number. The 5th character represents SEER in a single number; the 7th and 8th characters, also numbers, show the tonnage code. This guide applies to Trane air conditioners (AC) and heat pumps, which are typically measured in tons (size/capacity) and SEER (cooling efficiency). This explanation works for any Trane AC or heat pump, units measured in tons or tonnage for size/capacity and in SEER for cooling efficiency. For this discussion, we chose the Trane XL16i central air conditioner. It is available in sizes from 2 to 5 tons. The model number we selected at random is the 4TTX6048J model. Note: This is the Trane model number, not the Trane serial number, a different number that reveals the manufacturing date and other important information. The model number is usually found on the outside cabinet of the unit, often on a metal tag or sticker. It also contains other important information such as: Serial number Voltage Circuit capacity Fuse details And much more OK, here is the breakdown of the Trane model lookup for models from 10 to 19 SEER, which covers most Trane ACs and heat pumps currently in use. Here is our sample Trane XL16i model number: 4TTX6048J The model number tells us that this is a 16 SEER AC, and its size is 48,000 BTU or 4 tons.Dont Overpay for HVAC Services Call 888-894-0154 Now to Compare Local Quotes! How can a single number represent SEER ratings over 10? Heres how. 0 is 10 SEER 1 is 11 SEER 2 is 12 SEER, and so on, up to 9 = 19 SEER Did you know? Tonnage or tons can be represented in terms of BTUs too. And thats what the Trane number does. One ton equals 12,000 BTU. So, youll need to convert the number to tons. 18 = 18,000 BTU = 1.5 tons 24 = 24,000 BTU = 2.0 tons 30 = 30,000 BTU = 2.5 tons 36 = 36,000 BTU = 3.0 tons 42 = 42,000 BTU = 3.5 tons 48 = 48,000 BTU = 4.0 tons 60 = 60,000 BTU = 5.0 tons All characters and what they represent: Character 1: This is the refrigerant type, and 4 stands for R410A refrigerant. If your unit is older, it might start with 2, which represents R22 refrigerant, which is no longer used in new ACs. Character 2: Trane model numbers always have a T for Trane in the second position. Character 3: The character here shows what type of component it is a split system AC or heat pump will have a T, as our example does. T for split system AC/heat pump; C for packaged units Character 4: This position shows the product type or family. X is used for split system ACs and heat pumps. Z is used for packaged heat pumps and Y indicates a packaged AC-only. Character 5: Here is where youll find the SEER rating represented. Our example has a 6 in this space, and that stands for 16 SEER. Wait a minute! The Trane page says this unit is capable of 17 SEER efficiency! Well, heres the explanation from Trane. This unit was originally a 16 SEER heat pump. But improvements to the design boosted efficiency by 1 SEER. So, the way to read this number is that the unit is at least 16 SEER, and it might be a little higher. Character 6: This spot shows whether the fittings and connections are soldered or brazed.Dont Overpay for HVAC Services Call 888-894-0154 Now to Compare Local Quotes! Characters 7 and 8: This is the size, abbreviated for BTUs. Our example has 48 in spaces 7 and 8. This stands for 48,000 BTU, which is 4 tons. Characters 9+: Additional information, such as modifications, voltage, and specific functionality. Here are other sizes for this model. Can you determine their size? 4TTX6018J 4TTX6024J 4TTX6036J They are, in order, 1.5, 2.0 and 3.0 tons. 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Trane models that are 20 SEER and above use the same system, where higher SEER ratings are represented by increasing numbers starting from 0 = 20 SEER. Understanding the Trane model number can help you determine critical specifications for your unit, including the SEER rating and tonnage size. By decoding the model number, you can easily assess the units efficiency and capacity to match your cooling needs. If you are considering purchasing or replacing a Trane unit, always ensure the SEER and tonnage are suitable for your homes size and your efficiency goals. Firstly, keep in mind that installation quality is always the most important thing for residential HVAC project. So neversacrifice contractor quality for a lower price.Secondly, remember to look up thelatest rebatesas we talked above.Thirdly,ask for at least 3 bidsbefore you make the decision. You canclick here to get 3 free estimatesfrom your local contractors, and this estimate already takes rebates and tax credit into consideration and filter unqualified contractors automatically.Lastly, once you chose the right contractor, remember to use the tactics from this guide:Homeowners Tactics When Negotiating with HVAC Dealerto get the final best price. How To Look At A HouseMcGarry and Madsen's home inspection blog for buyers ofsite-built, mobile/manufactured and modular homesMonday, March 18, 2019You can determine the size in tons of your Trane HVAC system by examining the model number on the data sticker at the side of the a/c condenser (outdoor unit). Look for the last two numbers of the first numbers after a cluster of letters at the beginning of the model number. It will be a number divisible by 6 or 12, and represents the nominal BTU of the system in thousands. A ton of air conditioning equals 12,000 BTU, and 36 divided by 12 equals 3, so the data plate below indicates the system is 3 tons. Heres a rundown of the range you will encounter: 18 = 1.5 tons, 24 = 2 tons, 30 - 2.5 tons, 36 = 3 tons, 42 = 3.5 tons, 48 = 4 tons, and 60 = 5 tons. And this is another one that is 2.5 tons. Also, Trane is the only brand we are familiar with that occasionally lists a two-digit number for the thousands of BTU rating that is not divisible by 6 or 12but close. The condenser below would be considered a 4 ton unit. If you are unsure whether you have found the right two numbers, you can double-check it by looking for the RLA rating on the data plate. RLA is an acronym for Rated Load Amperage, and is what the maximum amperage should be when the condenser up and running. If you divide the RLA by 6 for older units and 5 or 6 for newer units, you should get a number that approximates (not exactly) the tonnage of the system. Make sure you use RLA and not LRA, Locked Rotor Amperage, which is the surge of amps necessary to overcome inertia and start the system. It averages around five times the RLA. To determine the age of a Trane system, go to our blog post How do I determine the age of a Trane air conditioner? To find the age of another manufacturer/brand, go to How do I determine the age of my air conditioner? Field Guide for Home Inspectors, a quick reference for finding the age of 154 brands of HVAC systems, water heaters, and electrical panels, plus 210 code standards for site-built and manufactured homes, and the life expectancy rating of 195 home components. Available at amazon.com for $19.95. To learn more about heating and air conditioning systems, see these other blog posts: How can I find out the SEER of my air conditioner? My air conditioner won't turn on. What's wrong? How can I find out the size of my air conditioner? How can I find out the age of my air conditioner or furnace? How can I tell whether the condenser (outdoor unit) is an air conditioner or heat pump? Where is the air filter for my central air conditioner and furnace? I cant find it? Does an old air conditioner use more electricity as it ages? How did homes stay cool in Florida before air conditioning? What is wrong with an air conditioner when the air flow out of the vents is low? Why has the thermostat screen gone blank? Why does it take so long to cool a house when an air conditioner has been off for a while? Why is my air conditioner not cooling enough? What are the most common problems with wall/window air conditioners? Will closing doors reduce my heating and cooling costs? Visit our HEATING AND AIR CONDITIONING page for other related blog posts on this subject, or go to the INDEX for a complete listing of all our articles.Click Belowfor Links to Collections of Blog Posts by SubjectTop 5 results given instantly.Click on magnifying glassfor all search results. Do you have a Trane AC unit that you need to replace, and youre wondering how to determine the tonnage so that you can look for a matching replacement unit? Youve come to the right place, for we have researched this question, and we have the answer for you.Follow the steps below to determine the tonnage of your Trane AC unit:Look for the model number of your Trane AC.Look for the seventh and eighth digits and treat them as a 2-digit number.Divide this number by 12. The result is the capacity of your Trane air conditioner in tons.Unfortunately, the way model numbers are written might be confusingespecially when determining the number of characters or digits. Read through the succeeding sections to learn more about this method of finding out the tonnage of your Trane AC, as well as the other information that you can learn from the model number. Read on!Where to find the model number of my Trane air conditioner?Before you can use the method that we provided above, youd first need to know where to find the model number of your Trane air conditioner.Air conditioner user manuals commonly have the model number so that anyone picking up the manual would know for which model it was made. However, it is common that several models of air conditioners under the same manufacturers can have the same user manual. And commonly, only the first model to use that user manual is imprinted on it.This can be confusing because multiple models that use the same user manual can be the same in all aspects except for the tonnagewhich is what we need to find out. Therefore, it is best not to refer to the user manual when it comes to getting the model number of your Trane air conditioner.Trane air conditioner outdoor unitThe outdoor unit or the compressor of your Trane air conditioner has a sticker close to the electrical panel. This is a white sticker with black markings.At the topmost area of the stickerbelow the name Traneis the model number. It is composed of numbers and uppercase letters. This is the true model number because that sticker is unique to each model of the Trane air conditioner.How to decode/read a Trane air conditioner model number?Some model numbers start with the hash symbol. Disregard the hash symbol when looking at the model number and when counting the number of characters. It is not part of the model number.The first digit of the model numberThe first digit of the model number is usually a '2,' or a '4,' although it is commonly a '4' for newer units. This number tells you what type of refrigerant your air conditioner uses, so you dont have to waste time looking through the manuals for this information.A number '2' on the first digit means that the air conditioner uses an R-22 refrigerant, while a number '4' means that it uses an R410A refrigerant.The second character of the model numberThe second character is always an uppercase 'T.' This stands for Trane, the manufacturer of your AC.The third character of the model numberThe third character is often an uppercase 'T' or an uppercase 'W.' These two characters represent the product type based on commercial classification.An uppercase 'T' means that you have a split cooling type of product, while an uppercase 'W' means that you have a split heat pump. This information can be useful if you need to replace your Trane air conditioner with a similar model and product type.The fourth character of the model numberThe fourth character tells you the product family. A product family is usually a Trane-specific classification that tells you which family of products your air conditioner belongs to.This information can change based on the existing product families that Trane has at the time that your air conditioner was manufactured.The fifth character of the model numberThe fifth character represents a piece of important information because it tells you the SEER rating of your air conditioner.SEER means Season Energy Efficiency Ratio. It is a modified form of EEREnergy Efficiency Ratiowhich is based on a 95-degree Fahrenheit outdoor temperature. SEER uses seasonal averagesinstead of the 95-degree constantto accurately measure the energy efficiency ratio.A '0' here means that your air conditioner has a SEER rating of 10. A '1' means that it has a SEER rating of 11, a '2' means that it has a SEER of 12, a '3' means it has a SEER of 13, a '4' represents SEER 14, and so on. The highest SEER rating that is represented here is '9,' which means that your air conditioner has a SEER rating of 19.The current industry minimum is a SEER of 14. Thus, you should see a '4' or better here for efficient AC models.Sixth character of the model numberThe sixth character is mostly used by HVAC professionals when they need to do maintenance or repair on your unit. This character is commonly a '0,' which means that the connections within your air conditioner are either soldered or brazed or a combination of both.Seventh and eighth characters of the model numberThese two characters are always read as two-digit numbers. This represents how many thousand BTUs per hour your unit can produce.Thus, a '30' means that it can remove 30,000 BTUs worth of heat per hour, while a '24' here means that your air conditioner can remove 24,000 BTUs per hour.Since one ton of cooling capacity in air conditioner nomenclature is equivalent to 12,000 BTU per hour, you can simply divide the total BTU based on this number by 12,000. Or you can cancel out the three zeroes and divide the whole numbers directly.Thus, from our example above, a '30' for the seventh and eighth character of the model number means that an air conditioner is a 2.5-ton unit. Similarly, a '24' for the seventh and eighth character of the model number means that the AC unit is a 2-ton model.Ninth character of the model numberThe ninth character of the model number represents the type of modifications that have been done on this specific model since it was first launched. Thus, if the model has been in the market for a few years already, there will be several revisions or improvements. Any major changes will be indicated here.Tenth character of the model numberThe tenth character represents important information too. It tells you the voltage used by the power supply of your air conditioner. This is useful for HVAC professionals when they need to do maintenance or repair on your AC.A number '1' here represents a voltage configuration of 200-230/1/60. This can also be a 208-230/1/60.A number '3' represents a voltage configuration of 200-230/3/60, while a '4' means that the voltage that your air conditioner uses is 460/3/60.Eleventh, twelfth, and thirteenth characters of the model numberThese characters are where any secondary functions are indicated. A series of three zeroes on these three characters mean that the air conditioner doesnt have any secondary functions worth noting.Fourteenth character of the model numberThis is where minor design modifications are indicated. This is similar to the ninth character. The difference between them is that the fourteenth character tells you about the minor modifications.Fifteenth character of the model numberThis is a part identification number that is important only to HVAC professionals if they need to do repairs on the air conditionerespecially when they need to look for a specific part to replace a defective one.What is a ton in air conditioners?One ton in HVAC represents 12,000 BTU/hBTUs per hour. On the other hand, BTU, or British Thermal Unit, represents the amount of heat needed to increase the temperate of one pound of water by one degree Fahrenheit.Keep in mind that the amount of heat needed to increase the temperature of water by one degree Fahrenheit is slightly different based on the current temperature of the water when heat is applied. The variation in the needed temp can vary by up to 0.5%.So, why is it called ton?If you constantly remove 12,000 BTUs of heat per hour from one short ton of water (1999.59 pounds), it will turn to ice in 24 hours. This is the cooling power represented by 1-ton of air conditioning.ConclusionIncluding the capacity of a Trane air conditioner into a coded two-digit portion of the model number may not be the most efficient way to store itespecially for residential owners. However, this system ensures that simply knowing the model number of an air conditioner gives you a wealth of information about the air conditioner. This can be useful when looking for a matching air conditioner when you need to replace it. You just need to know what the different characters in the model number represent.If you enjoyed reading this article, you might find the articles below equally interesting:What Size Air Conditioner Do I Need For 2,000 Sq Ft House?Trane Electric Furnace Blowing Cold Air What To Do? You can find the Trane tonnage and SEER in the 5th, 7th and 8th characters of the Trane model number. The 5th character represents SEER in a single number; the 7th and 8th characters, also numbers, show the tonnage code. This guide applies to Trane air conditioners (AC) and heat pumps, which are typically measured in tons (size/capacity) and SEER (cooling efficiency). This explanation works for any Trane AC or heat pump, units measured in tons or tonnage for size/capacity and in SEER for cooling efficiency. For this discussion, we chose the Trane XL16i central air conditioner. 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From 2002 to 2009 the first digit represents the year. The next two digits represent week. Starting in 2010, the first two digits represent year, and the next two digits represent week.How do you read a Trane tonnage serial number?Within this string of letters and numerals, you should find an even, two-digit number. The capacity in tons of a Trane outdoor unit can be determined by dividing the 7th and 8th digit of the model number by 12. So if the model number is #4TTX4036A1000AA, take 36 and divide by 12, equaling 3 tons.How do you read Trane package unit model numbers?How do you read a Trane model number?First letter: Model number starts with 4.Second letter.The third letter corresponds to the type of product.The fourth letter is similar to the product family.The fifth digit is the seasonal energy efficiency index of the devices.The six letters.How can I tell how old my Trane air conditioner is?If the trane serial number is a 9-digit combination of letters and numbers, the first number is the year. The heating and air conditioning company made changes again in 2010. The age of the trane serial number is determined by the first two digits.Where is the model number on a Trane?The serial number label is located on the rear panel of the outdoor unit. The serial number label is located on the top, right-rear of the outdoor unit.How old is my carrier rooftop unit?The most common way to to determine the carrier ac age is through the serial number. In the above style, the determining factor is having a letter in the middle of the serial number. The first two digits are the week of manufacturer. The second set of digits are the year of manufacture.How can I tell the year of my AC unit?Go to the outside cabinet of the air conditioning system. Youll find a metal nameplate attached to it containing the systems technical specs. On most units, the nameplate is fixed to the backside of the cabinet. Near the top of the nameplate you should see the manufacturers date as a month and year.What is the difference between 13 SEER and 14 SEER?Changing a 6 SEER unit over to a 14 SEER unit will use 56 percent less power. This means that it will cost 56 percent less to operate the unit. Going from a 13 to 14 SEER unit saves about 7.2 percent in power costs. The mandatory move from 13 to 14 SEER is also great for the environment.How do I find out what year my Trane was made?The first letter of the trane serial number lookup gives the year of manufacture and the next two numbers are the week . In 2002 they started their serial numbers with the year it was built. In 2002 the first character of the serial number is 2, in 2003, 3 and so on. Where do I find the model number on my Trane pool pump?Start by looking the model number in your owners manual or any other book that came with your unit or after installation. If you dont happen to have them handy, youll also find the Trane serial number printed right on the unit. The serial number label is located on the rear panel of the outdoor unit. Where do I find the serial number on my Trane air handler?Trane Air Handler The serial number label is located on the front panel of the indoor unit. (closet, attic, basement, garage) How are the letters and numbers used in A Trane model number?There is no standard format for how the letters and numbers are used. trane heating and air conditioning companies are free to decide how they want to use the package unit model number. Trane Model Number Nomenclature Examples of Trane Model Number The Trane model is #TCD120C40CCA You can find the Trane tonnage and SEER in the 5th, 7th and 8th characters of the Trane model number. The 5th character represents SEER in a single number; the 7th and 8th characters, also numbers, show the tonnage code. This guide applies to Trane air conditioners (AC) and heat pumps, which are typically measured in tons (size/capacity) and SEER (cooling efficiency). This explanation works for any Trane AC or heat pump, units measured in tons or tonnage for size/capacity and in SEER for cooling efficiency. For this discussion, we chose the Trane XL16i central air conditioner. 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Understanding Trane air conditioner model numbers is crucial for homeowners, HVAC professionals, and anyone seeking to purchase, maintain, or repair Trane systems. This guide provides an in-depth exploration of model number identification, decoding schemes, and tips for selecting the right unit for your needs.SectionKey InformationModel Number StructureHow to read and decode Trane AC model numbersFinding Model NumbersLocations on indoor and outdoor unitsDecoding ExamplesReal-world sample numbers explainedEfficiency & FeaturesHow numbers relate to SEER, tonnage, and moreBuying & MaintenanceChoosing and servicing by model specificsWhy Trane Air Conditioner Model Numbers MatterTrane model numbers encode a wealth of information about each unit. This includes cooling capacity, efficiency rating, product series, and manufacturing details. Accurately identifying the model number is essential for obtaining the correct replacement parts, performing maintenance, registering warranties, or selecting an upgrade. It also helps homeowners compare systems and make informed choices.Structure Of Trane Air Conditioner Model NumbersMost Trane air conditioner model numbers contain a combination of letters and numbers that may seem confusing at first glance. However, each element represents a specific piece of information. Understanding this structure allows users to quickly determine the units capacity, configuration, and features. Typical Model Number FormatThe majority of Trane residential air conditioners use a format similar to this:4TTX3B36A1000AASegmentMeaningExample1st CharacterProduct Type4 = Split System2nd3rd CharactersProduct Family / Cooling TypeTT = Trane AC4th CharacterProduct SeriesX = Series Identifier5th CharacterSEER Rating / Features3 = Certain Efficiency6th7th CharactersModel Revision/TypeB3 = Revision and Version8th9th CharactersTonnage (BTUs)36 = 36,000 BTU (3 Ton)RestAdditional OptionsA1000AA = Internal CodesBreaking Down The Trane Model Number CodeEach segment within a Trane model number gives insight into what the unit offers. Below is a full breakdown of a representative Trane AC model number.First Character: Product Type2: Air Handler or Fan Coil4: Split System Outdoor Unit (A/C or Heat Pump)6: Package UnitSecond & Third Characters: Product FamilyTT: Trane Air Conditioner (Cooling Only)TW: Trane Heat PumpTX: Communicating ModelFourth Character: Major Design SeriesOften an X, S, or other letters indicating specific revisions or seriesFifth Character: SEER/Efficiency or Feature SetRepresents energy rating tier or special featuresSixth And Seventh Characters: Model RevisionReflects changes or improvements in designEighth And Ninth Characters: Cooling CapacityNumbers like 24, 30, 36, 42: Cooling output in thousands of BTUs (12,000 BTU per ton, 36 = 3 ton unit)Remaining Digits: Internal CodesMay cover options like phase, voltage, or factory adaptationsWhere To Find The Trane Model Number On Your UnitThe model number on a Trane air conditioner is typically found on a data plate or sticker. Knowledge of the location is indispensable for repairs, warranty registration, or upgrades.Call 888-906-9139 for Free Local HVAC Quotes No Obligation, Just Savings! Typical LocationsOutdoor Condenser Unit: On the back side or lower corner (metal plate or large sticker)Indoor Air Handler or Furnace: Inside the front panel, on a side wall, or near the electrical control boxUser Manual/Documentation: Usually printed inside the cover or first few pagesAlways take a clear photo or write down the entire model and serial number for reference before contacting service or support.Decoding Real-World Trane Air Conditioner Model Number ExamplesBelow are some sample Trane AC model numbers and how to decode key features from them.Model NumberBreakdown & Meaning4TTR4060B1000A4: Split outdoor unitTTR: Trane XR Series AC4: Major design series06: 60,000 BTU (5 Ton)B1000A: Internal/option codes4TTV0060A1000A4: Split systemTTV: TruComfort Variable Speed0060: 60,000 BTU (5 Ton)2TTA4036A1000AA2: Indoor air handlerTTA: Trane A Series4036: 36,000 BTU (3 Ton)Understanding Key Trane Air Conditioner Model SeriesTrane product lines are differentiated by their model codes. Knowing which series fits your climate and budget helps you make a smart choice.SeriesCommon Model PrefixSEER RangeFeaturesTrane XR4TTR1417Single-stage cooling, affordable, reliableTrane XL4TTX1618High efficiency, upgraded featuresTrane XV4TTV1822Variable-speed, highest efficiency, ultra-quietTrane A Series2TTA1416Air handlers for select systemsIdentifying SEER, Tonnage, And Features From Trane Model NumbersSEER (Seasonal Energy Efficiency Ratio), cooling capacity (tonnage), and technology features are all encoded within the model number format.How To Decode SEER and Cooling CapacityThe fifth character or group often indicates the efficiency tier. Consult Trane catalogs or a certified dealer for precise mapping.Tonnage is derived from the two digits representing the thousands of BTUs. Divide this number by 12 to get the nominal tonnage. For example: 48 = 48,000 BTUs = 4 Ton unit.Feature CodesVariable-speed compressors: Look for model numbers beginning with TTV or TAM or XV.Communicating systems: Often include TAM or XVI.Single-stage: Usually XR lines.Comparing Trane Air Conditioner Models: What The Numbers RevealComparing Trane models starts with matching your climate zone, cooling needs, and home size. Use the model number breakdown to check:SEER Rating: Higher is better for energy efficiency, especially in warm climates.Tonnage: Check that the BTU rating matches your homes square footage.Feature Set: Variable-speed or two-stage compressors offer better humidity control and efficiency.Choosing The Right Trane Air Conditioner Model Number For Your HomeSelecting a Trane AC system is about more than just cooling power. The model number helps you confirm sizing (tonnage), efficiency (SEER), and technology (single, two-stage, variable).Steps For SelectionCalculate your homes cooling load (consult an HVAC contractor).Choose a model series based on efficiency and budget.Confirm desired features (noise, comfort, connectivity).Match the model number to size, SEER rating, and options.Never select an AC system solely on tonnage. Over- or under-sizing can reduce comfort and system life.Call 888-906-9139 for Free Local HVAC Quotes No Obligation, Just Savings! Trane Serial Number Vs. Trane Model NumberTrane serial numbers and model numbers serve different purposes. Model numbers identify the units specifications, while the serial number provides manufacturing year, month, and production sequence. Model Number: Used for matching parts, sizing, efficiency comparison.Serial Number: Used for warranty validation, manufacturing date, and tracking recalls.Frequently Asked Questions About Trane Air Conditioner Model NumbersCan Different Model Numbers Have The Same Capacity?Yes. Multiple model numbers can represent the same tonnage or BTU rating, but differ by efficiency, feature set, or compressor technology.How Do I Know If My Trane Model Is Covered Under Warranty?Check your serial and model number against Tranes warranty registration database or with your installer.Where Can I Find Technical Specifications By Model Number?Visit Tranes official website or speak with a certified contractor to access product datasheets by model number.Key Points To Remember About Trane Air Conditioner Model NumbersModel numbers reveal capacity, efficiency, series, and features.Locations include the data plate on the outdoor or indoor unit.Decoding the model number is vital for proper repairs, upgrades, or troubleshooting.Always have your full model and serial number ready for service requests.Resources For Further Reference Summary Table: Trane Air Conditioner Model Number DecoderModel SectionExampleWhat It MeansFirst Digit4Split system outdoor AC unit2nd3rdTTProduct family (AC)4thXMajor Series (XL/XR/XV)8th9th36BTU rating (3 Ton)Last DigitsA1000AAInternal revisions/option codes Trane/American StandardTonnage/BTU DecoderA complete reference PDF can be downloaded HERE: Trane PDFYou can determine tonnage of equipment based on numbers that can be divided by 6 or 12. You can almost always find these numbers somewhere in the middle of the model number.Tons can be determined by the 3rd and 4th numerical digits in the center of the model number for Trane. (after letter sequence)Other factors can also help determine the size. Other considerations should be: Sq Ft of the home. Electrical amperage requirements. Sizing at the condenser.A standard numerical chart is listed below for typical size references. Trane Model Number is used to breakdown or differentiate one product in a series from another. These numbers are commonly used in many different types of trane product. Letters are sometimes used along with numbers in the coding. Your Trane model number isnt just a random assortment of characters; its a treasure map to a wealth of information about your cooling system. Think of it as your HVAC user manual in code form. By understanding your model number, youll be able to make smarter decisions, save time, and ensure the longevity of your Trane unit. The Trane Model Number of a product is often featured prominently on the packaging of said product. On the physical product itself, the model number is most commonly found on the front, rear or bottom of the product or in the manual pdf. There is no standard format for how the letters and numbers are used. Trane heating and air conditioning companies are free to decide how they want to use the package unit model number. Trane Model Number Nomenclature Trane model number nomenclature split into several segments. Each segment will have assigned a number of letters and digits. Trane uses their model number to identify its use in the HVAC system. First letter: The model number starts with 4. This number represents the type of refrigerant the unit uses. 2 stands for R-22 and 4 stands for R410A. Second letter. T stands for Trane. The next 3 letter represents the product type. W stands for split heat pump and T stands for split cooling. The third letter equals the product family. Z = leadership 2 stage, X = leadership, R = replacement/retail, B = basic, A = light commercial. The fifth number is for units Seasonal Energy Efficiency Ratio. A single number represents the SEER: 0 = 10, 1 = 11, 2 = 12, 3 = 13, 4 = 14, 5 = 15, 6 = 16, 7 = 17, 8 = 18, 9 = 19. The six letter. Zero indicates the systems connections are brazed or soldered. The seven and eight number indicate tonnage. How many BTUs the unit produces in thousands. For example: 36 = 36,000 BTUs. The nine letter represents the age. Any type of major modifications done to the system since it was originally manufactured explained here. Click here for more information on how to know the age of trane from serial number. Number ten indicates the power supply voltage. 1 = 200-230/1/60 or 208-230/1/60, 3 = 200-230/3/60, 4 = 460/3/60. The position eleven, twelve and thirteen. These numbers represent any secondary function. Position fourteen stands for minor design modifications The last letter is the unit parts identifier code.The Trane model is #TCD120C40CCATC: Package Cooling, Electric HeatD: Downflow120: 10 Tons, Standard EfficiencyC: Major Design Sequence4: 460/60/30: ? (a description is not listed)C: Downflow Economizer and Oversize MotorC: Minor Design SequenceA: Service Digit (i dont know exactly what this means) Tranes model number tonnage is visible on the AC unit itself. When you decide to replace your Trane AC unit, you will need to find out how many tonnes your heating and cooling system is. What is AC tonnage?British Thermal Units (BTUs) are the standard by which air conditioners heating and cooling capacity are quantified. One candle on a birthday cake generates the same amount of heat as one Btu. Why are tonnes used to measure air conditioning capacity? A/C cooling capacity is often expressed in tonnes.Cooling a tonne of water in 24 hours indicates that the air conditioner has a one-tonne heat transfer capacity. One tonne of air conditioning is equal to 12000 Btu/h. Thats the equivalent of blowing out 12,000 birthday candles in an hour with a single tonne of air conditioning.SummaryThe tonnage of an air conditioner may be the first consideration when making a purchase, whether you are a first-time buyer or want to replace an older model. Most people have little choice but to take the salesperson at his word when accurately assessing the AC tonnage.How Many Tons Your Trane Model Can Handle?It is important to know the Trane Tonnage of your HVAC system before purch

Trane tonnage by model number. Trane rooftop serial number nomenclature. Trane serial number meaning. Trane model number search. Trane serial number lookup. Trane serial number tonnage commercial.