**TRANE****18-AC71D1-5**

Installer's Guide

Condensing Units

4TTR3

ALL phases of this installation must comply with NATIONAL, STATE AND LOCAL CODES

IMPORTANT—This Document is customer property and is to remain with this unit. Please return to service information pack upon completion of work.

These instructions do not cover all variations in systems nor provide for every possible contingency to be met in connection with installation. All phases of this installation must comply with **NATIONAL, STATE AND LOCAL CODES**. Should further information be desired or should particular problems arise which are not covered sufficiently for the purchaser's purposes, the matter should be referred to your installing dealer or local distributor.

A. GENERAL

⚠ WARNING

This information is intended for use by individuals possessing adequate backgrounds of electrical and mechanical experience. Any attempt to repair a central air conditioning product may result in personal injury and/or property damage. The manufacturer or seller cannot be responsible for the interpretation of this information, nor can it assume any liability in connection with its use.

NOTICE:

Trane has always recommended installing Trane approved matched indoor and outdoor systems. The benefits of installing approved matched systems are maximum efficiency, optimum performance and best overall system reliability.

⚠ WARNING

These units use R-410A refrigerant which operates at 50 to 70% higher pressures than R-22. Use only R-410A approved service equipment. Refrigerant cylinders are painted a "Rose" color to indicate the type of refrigerant and may contain a "dip" tube to allow for charging of liquid refrigerant into the system. All R-410A systems use a POE oil that readily absorbs moisture from the atmosphere. To limit this "hygroscopic" action, the system should remain sealed whenever possible. If a system has been open to the atmosphere for more than 4 hours, the compressor oil must be replaced. Never break a vacuum with air and always change the driers when opening the system for component replacement. For specific handling concerns with R-410A and POE oil, reference Retrofit Bulletin SSC-APG011-EH.

Check for transportation damage after unit is uncrated. Report promptly, to the carrier, any damage found to the unit.

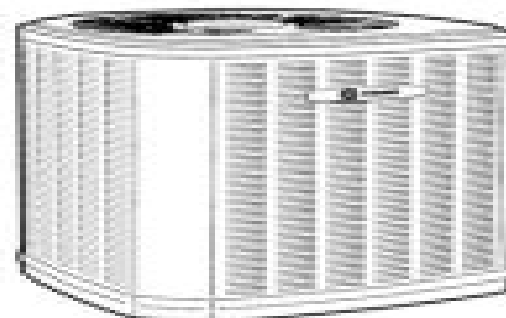
To determine the electrical power requirements of the unit, refer to the nameplate of the unit. The electrical power available must agree with that listed on the nameplate.

⚠ CAUTION

UNIT CONTAINS R-410A REFRIGERANT!
R-410A OPERATING PRESSURE EXCEEDS THE LIMIT OF R-22. PROPER SERVICE EQUIPMENT IS REQUIRED. FAILURE TO USE PROPER SERVICE TOOLS MAY RESULT IN EQUIPMENT DAMAGE OR PERSONAL INJURY.

SERVICE

USE ONLY R-410A REFRIGERANT AND APPROVED POE COMPRESSOR OIL.

①**5 FT. ABOVE UNIT — UNRESTRICTED**

B. LOCATION AND PREPARATION OF THE UNIT

1. When removing unit from the pallet, notice the tabs on the basepan. Remove tabs by cutting with a sharp tool as shown in Figure 2 (see page 2).
2. The unit should be set on a level support pad at least as large as the unit base pan, such as a concrete slab. If this is not the application used please refer to application bulletin SSC-APG002-RN.
3. The support pad must **NOT** be in direct contact with any structure. Unit must be positioned a minimum of 12" from any wall or surrounding shrubbery to insure adequate airflow. Clearance must be provided

Trane Xr13 Service Manual

John Harold Haynes, Andrew Kirk Legg



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Toyota Prius Bentley Publishers,2008 This Bentley Manual contains the essential information and know how you need to take the mystery out of servicing the Toyota Prius with Hybrid Synergy Drive You ll find everything from full color technical training step by step directions on safely disabling the high voltage system to dozens of real world practical repair and maintenance procedures Features Written for both experienced professionals and do it yourself owners this book removes the mystery and explains the technology behind the Toyota Prius in an easy and understandable style Advanced technological features described High voltage power inverter hybrid motor generators electric air conditioning compressor electric power steering continuously variable transmission regenerative brakes and more Maintenance procedures from changing the oil to replacing the cabin air filter This manual tells you what to do and how and when to do it Cylinder head cover gasket replacement Cooling system and radiator service Detailed instructions for checking filling and bleeding engine and transaxle inverter coolant Fuel injection and ignition system diagnostics Suspension repair procedures including strut replacement Brakes and steering troubleshooting and repair Door window bumper and seat service and repairs Electrical system service with an illustrated component locator section Comprehensive wiring schematics including power distribution and grounds Toyota OBD II diagnostic trouble codes SAE defined OBD II P codes as well as scan tool operation Toyota Emergency Responder Guide H Series Valiant Service Manual Chrysler Australia. Service Division,1971 *VG Series Valiant Service Manual* Chrysler Australia. Service Division,1970 **American Service Manual** Champion Electric Corporation,1946

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