

INSTALLER'S GUIDE

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

Condensing Units

Models: 2A7A3018-060A1000A

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.

NOTE: AMERICAN STANDARD HAS ALWAYS RECOMMENDED INSTALLING AMERICAN STANDARD APPROVED MATCHED INDOOR AND OUTDOOR SYSTEMS.

THE BENEFITS OF INSTALLING APPROVED MATCHED SYSTEMS ARE MAXIMUM EFFICIENCY, OPTIMUM PERFORMANCE AND BEST OVERALL SYSTEM RELIABILITY.

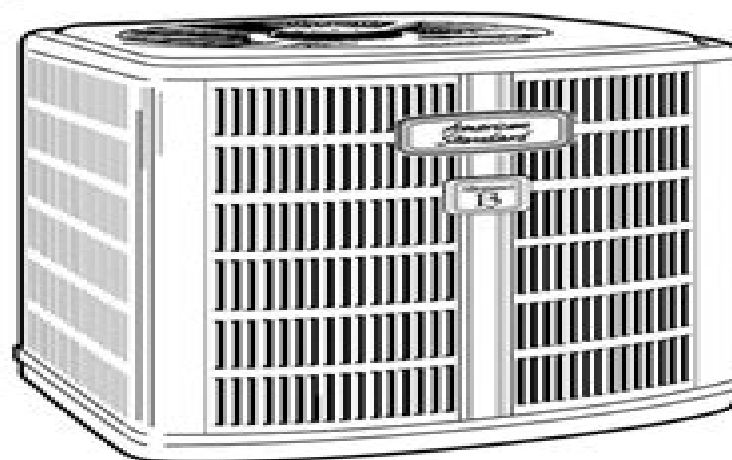
Check for transportation damage after unit is uncrated. Report promptly, to the carrier, any damage found to the unit.

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.

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 reference ALG-APGO®-EN ("latest revision number).
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 in front of control box (access

① 5 FT. ABOVE UNIT — UNRESTRICTED

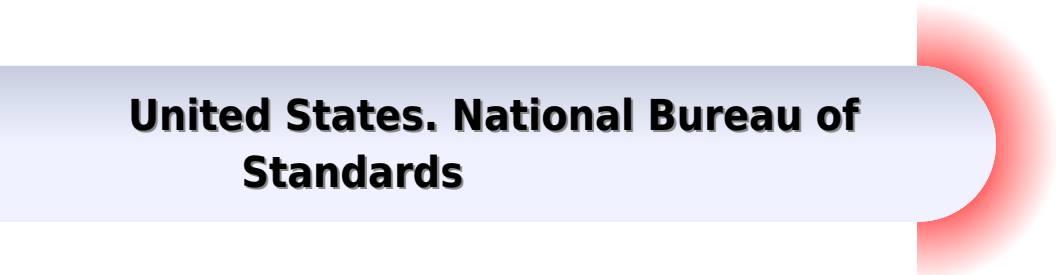


panels) & any other side requiring service access to meet National Electrical Code. Also, the unit location must be far enough away from any structure to prevent excess roof run-off water from pouring directly on the unit. When choosing the location of the unit(s), sound transmission through air and refrigerant lineset should be taken into consideration. It is recommended to locate unit(s) away from areas (bedrooms, etc.) where such sound could be objectionable.

4. The top discharge area must be unrestricted for at least five (5) feet above the unit.
5. When the outdoor unit is mounted on a roof, be sure the roof will support the unit's weight. Properly selected isolation is recommended to prevent transmission to the building structure.
6. The maximum length of refrigerant lines from outdoor to indoor unit should NOT exceed sixty (60) feet.

American Standard Ac Service Manual

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web carbon steel is a steel with carbon content from about 0.05 up to 2.1 percent by weight the definition of carbon steel from the american iron and steel institute aisi states no minimum content is specified or required for chromium cobalt molybdenum nickel niobium titanium tungsten vanadium zirconium or any other element to be added to obtain a

astm sae aisi 1018 carbon steel chemical composition mechanical properties - Sep 13 2022

web below is material aisi 1018 carbon steel properties and specifications including chemical composition physical and mechanical properties such as density thermal expansion coefficient thermal conductivity tensile yield strength and hardness etc aisi sae 1018 chemical composition

chemical composition of structural steels massachusetts - Jan 17 2023

web mit department of civil and environmental engineering spring semester 1999 chemical composition of structural steels the primary types of structural steel are usually classified according to the following chemical composition categories carbon manganese steels high strength low alloy hsla steels