

INSTALLER'S GUIDE

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

Heat Pumps

Models: 4A6H4

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.

The following instructions cover 4A6H3 Heat Pump Units.

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

THE BENEFITS OF INSTALLING APPROVED INDOOR AND OUTDOOR SPLIT SYSTEMS ARE MAXIMUM EFFICIENCY, OPTIMUM PERFORMANCE AND THE 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-EN.

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

⚠ CAUTION

UNIT CONTAINS R-410A REFRIGERANT!

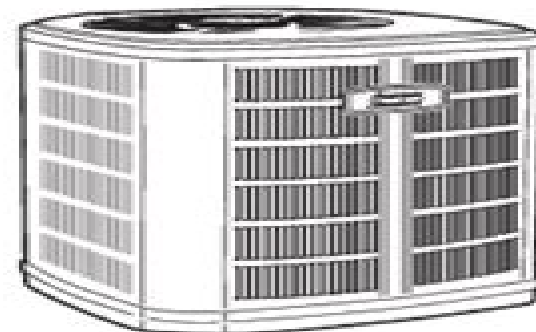
R-410A OPERATING PRESSURE EXCEEDS THE LIMIT OF R-22. PROPER SERVICE EQUIPMENT IS REQUIRED. FAILURE TO USE PROPER SERVICE TOOLS MAY RESULT IN EQUIPMENT DAMAGE OR PERSONAL INJURY.

SERVICE

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

1

5 FT. ABOVE UNIT-UNRESTRICTED



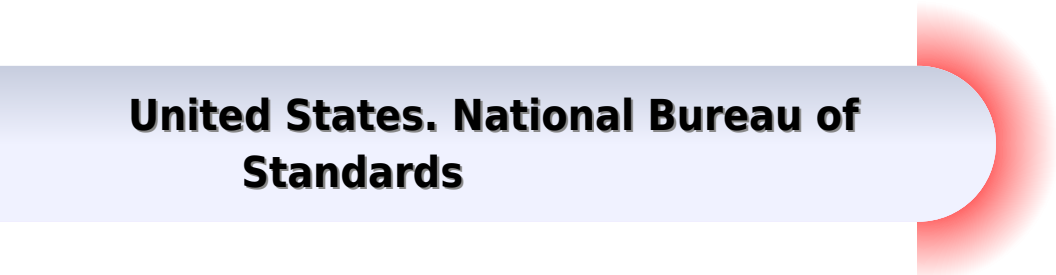
To determine the electrical power requirements of the unit, refer to the nameplate of the unit. The electrical power available must agree with that listed on the nameplate.

The Heat Pump has been designed and manufactured to withstand and operate in severe winter conditions. However, there are precautionary steps which should be taken at the time of installation which will help assure the efficient operation of the unit.

Since the manufacturer has a policy of continuous product and product data improvement, it reserves the right to change design and specifications without notice.

American Standard Heat Pump Manual

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Recommended Practice for Drainage of Coal Mines (M6.1-1955, UDC 622.5) American Standards Association, 1957

ASHRAE Handbook & Product Directory American Society of Heating, Refrigerating and Air-Conditioning Engineers, 1963 *Engineering Field Notes*, 1993 **Refrigeration Service and Contracting**, 1969 *The Code of Federal Regulations of the United States of America*, 2001 The Code of Federal Regulations is the codification of the general and permanent rules published in the Federal Register by the executive departments and agencies of the Federal Government [Index of Specifications and Standards](#), 2004 **"Code of Massachusetts regulations, 1988"**, 1988 Archival snapshot of entire looseleaf Code of Massachusetts Regulations held by the Social Law Library of Massachusetts as of January 2020

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