

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

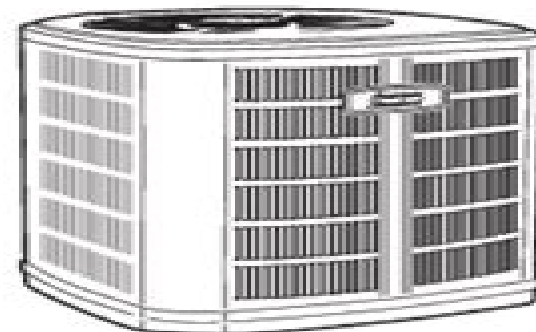
UNIT CONTAINS R-410A REFRIGERANT!
R-410A OPERATING PRESSURE EXCEEDS THE LIMIT OF R-22. PROPER SERVICE EQUIPMENT IS REQUIRED. FAILURE TO USE PROPER SERVICE TOOLS MAY RESULT IN EQUIPMENT DAMAGE OR PERSONAL INJURY.

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 Service Manual



American National Standards Institute

American Standard Heat Pump Service Manual:

Refrigeration Service and Contracting, 1969 *Domestic Microgeneration* Iain Staffell, Daniel J.L. Brett, Nigel P. Brandon, Adam D. Hawkes, 2015-06-19 Microgeneration producing energy for the home in the home is a substantial improvement over the current centralised and detached energy model employed the world over Domestic Microgeneration is the first in depth reference work for this exciting and emerging field of energy generation It provides detailed reviews of ten state of the art technologies including solar PV and thermal micro CHP and heat pumps and considers them within the wider context of the home in which they are installed and the way that they are operated Alongside the many successes this book highlights the common pitfalls that beset the industry It offers best practice guidance on how they can be avoided by considering the complex linkages between technology user installer and government This interdisciplinary work draws together the social economic political and environmental aspects of this very diverse energy genre into a single must have reference for academics and students of sustainability and energy related subjects industry professionals policy makers and the growing number of energy literate householders who are looking for ways to minimise their environmental footprint and their energy bills with microgeneration *Catalog of Copyright Entries. Third Series* Library of Congress. Copyright Office, 1967 Includes Part 1 Number 2 Books and Pamphlets Including Serials and Contributions to Periodicals July December

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,1922 Chemical Engineering Progress ,1977 *Dairy Housing & Equipment Handbook* Midwest Plan Service,1976
 The Waterways Journal ,1982-10 **How Things Work in Your Home** Time-Life Books,1979-04

Unveiling the Magic of Words: A Review of "**American Standard Heat Pump Service Manual**"

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