R-410A OUTDOOR SPLIT-SYSTEM AIR CONDITIONING

MODELS: 13 & 14.5 SEER - TCJ(D,F)/YCJ(D,F) SERIES

1.5 TO 6.3 TONS - 1 & 3 PHASE







DESIGNED, ENGINEERED & GERTIFIED CONTROL OF THE USA

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GENERAL	EVACUATION
UNIT INSTALLATION	ELECTRICAL CONNECTIONS
ORIFICE INSTALLATION	INSTRUCTING THE OWNER
INSTALLATION	START UP SHEET

LIST OF FIGURES

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SECTION I: GENERAL

The outdoor units are designed to be connected to a matching indoor with sweat connect lines. Sweat connect units are factory charged with refrigerant for a matching indoor coil plus 15 feet of field-supplied lines.

Matching indoor coils can be used with a thermostatic expansion valve (TXV) or an orifice. Refer to the Tabular Data Sheet or to the Technical Guide for the porper selection.

SECTION II: SAFETY



This is a safety alert symbol. When you see this symbol on labels or in manuals, be alert to the potential for personal injury.

Understand and pay particular attention to the signal words DANGER, WARNING, or CAUTION.

DANGER indicates an imminently hazardous situation, which, if not awaided, will result in death or serious injury.

WARNING indicates a potentially hazardous situation, which, if not awaided, could result in death or serious injury.

CAUTION indicates a potentially hazardous situation, which, if not avoided <u>may result in minor or moderate injury</u>. It is also used to alert against unsafe practices and hazards involving only property damage.

A CAUTION

This product must be installed in strict compliance with the enclosed installation instructions and any applicable local, state, and national codes including, but not limited to building, electrical, and mechanical codes.

A CAUTION

R-410A systems operate at higher pressures than R-22 systems. Do not use R-22 service equipment or components on R-410A equipment. Service equipment **Must Be Rated** for R-410A.

AWARNING

Improper installation may create a condition where the operation of the product could cause personal injury or property damage. Improper installation, adjustment, alteration, service or maintenance can cause injury or property damage. Refer to this manual for assistance or for additional information, consult a qualified contractor, installer or service agency.

INSPECTION

As soon as a unit is received, it should be inspected for possible damage during transit. If damage is evident, the extent of the damage should be noted on the carrier's delivery receipt. A separate request for inspection by the carrier's agent should be made in writing. See Local Distributor for more information.

Requirements For Installing/Servicing R-410A Equipment

- Gauge sets, hoses, refrigerant containers, and recovery system must be designed to handle the POE type oils, and the higher pressures of R-410A.
- Manifold sets should be high side and low side with low side retard.
- · All hoses must have a 700 psig service pressure rating.
- Leak detectors should be designed to detect HFC refrigerant.
- Recovery equipment (including refrigerant recovery containers) must be specifically designed to handle R-410A.
- Do not use an R-22 TXV.
- A liquid-line filter drier is required on every unit.