

SERVICE BULLETIN



DATE: 11/12/04

BULLETIN #: 04001
PART #: 240004689

PRODUCT: All America Series Products

Transformer Location Change

Effective December 1, 2004 all America Series products will be manufactured with the 24 volt transformer mounted in the air handler. Prior systems had the transformer mounted in the condenser. It is critical to understand the change in transformer location when matching system components manufactured prior to this date with components manufactured after this date.

This change in transformer location:

- Provides a complete 24-volt electrical disconnect to the outdoor unit when power is broken to the indoor unit
- Allows fewer low voltage conductors being run to the outdoor unit (2-wire vs. 3-wire for straight cool models)

The model numbers of the indoor and outdoor units have been changed to reflect the new transformer location. Below are two detailed charts, one listing the condenser products and the other listing the air handler products reflecting model numbers built before and after December 1, 2004. These charts show the correlation between the digits in the model numbers and the location of the transformer.

IMPORTANT: Starting with production on December 1, 2004 and continuing through 2005 all air handlers and condensers will have a box label identifying if a transformer is or is not installed in the unit.

<u>Condenser Product Line</u>	
<u>WITH</u> <u>Transformer</u> (See last digit in model #):	<u>WITHOUT</u> <u>Transformer</u> (see last digit in model #):
SCCxxxxxxxxxxA SHCxxxxxxxxxxA	→ SCCxxxxxxxxxxB SHCxxxxxxxxxxB
MC2xxxxxxxxxxJ MH2xxxxxxxxxxJ	→ MC2xxxxxxxxxxK MH2xxxxxxxxxxK
MC4xxxxxxxxxxF MH4xxxxxxxxxxF	→ MC4xxxxxxxxxxG MH4xxxxxxxxxxG

Air Handler Product Line

<u>WITHOUT</u> <u>Transformer</u> (See 8 th digit in model #):	<u>WITH</u> <u>Transformer</u> (see 8 th digit in model #):	
WHPxxxx2xxxxxxC WHPxxxx6xxxxxxC	→	WHPxxxx3xxxxxxC WHPxxxx1xxxxxxC
CHPxxxx1xxxxxxA CHPxxxx5xxxxxxA	→	CHPxxxx0xxxxxxA CHPxxxx4xxxxxxA
FHPxxxx1xxxxxxA FHPxxxx3xxxxxxA	→	FHPxxxx0xxxxxxA FHPxxxx2xxxxxxA
CNRxxxx2xxxxxxA CNRxxxx6xxxxxxA	→	CNRxxxx1xxxxxxA CNRxxxx3xxxxxxA
TBHxxxx6xxxxxxC	→	TBHxxxx1xxxxxxC
CAHxxxx0xxxB CAHxxxx1xxxB	→	CAHxxxx2xxxB CAHxxxx3xxxB

Transformer Location Production Dates

	Prior To 12/01/04	After 12/01/04
Air Handler	No Transformer	With Transformer
Condenser	With Transformer	No Transformer

Installation Procedure

Condenser Without Transformer	Evaporator With Transformer	System OK

Condenser With Transformer	Evaporator Without Transformer	System OK

Condenser With Transformer	Evaporator With Transformer	Disconnect Transformer From Condenser Refer to Condenser Wiring Diagram

Condenser Without Transformer	Evaporator Without Transformer	Add Transformer To Air Handler Refer to Air Handler Wiring Diagram

If you have any additional questions regarding this matter or if you have a mis-matched system and have a wiring question please contact our Technical Service Department at 1-800-228-9364.