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PRODUCT BULLETIN

North America Building Systems and Services

Date: 10/05/2006

Subject: 30XA Control Transformer
(Field Installation Guide)

Dept: Marketing

Number: 111-06-63

Product Model Number(s):
30XA

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30XA Control Transformer Installation Guide

The 30XA control transformer is not presently set up as a field-installed accessory. There have been many instances in which there is a need for this device after a 30XA chiller arrives at the jobsite. Until the 30XA control transformer is established as an accessory, please use this bulletin as a guideline for field installation.

The following steps are required to install a 30XA control transformer:

- 1) Obtain the proper control transformer. Use this chart.

Unit 30XA	Voltage	Transformer Part Number	kVA
080-160	200/3/60	HT01AH865	3
080-160	230/3/60	HT01AH853	3
080-160	380/3/60	HT01AH866	3
080-160	460/3/60	HT01AH853	3
080-160	575/3/60	HT01AH855	3
180-500	200/3/60	HT01AH867	5
180-500	230/3/60	HT01AH868	5
180-500	380/3/60	5S67F	5
180-500	460/3/60	HT01AH868	5
180-500	575/3/60	HT01AH869	5

- 2) Mount the control transformer. The box can be mounted at a convenient location on the base rail.
- 3) Wire to the control transformer from TB7, terminals 21 and 22. The connections at the transformer are shown as "Supply Voltage Terminals" on the following page.
- 4) Wire from the control transformer 120 Volt terminals (terminal detail is shown on the following page) to TB9, T1 and T2. This is the single-phase, 120 Volt control power.

Transformer Wiring Detail

Supply Voltage	Diagram	Supply Voltage Terminals	120 Volt Terminals
200	C	X1, X2	H1, H4
230	A	H1, H4	X1, X4
380	B	H1, H2	X1, X4
460	A	H1, H4	X1, X4
575	D	H1, H2	X1, X4

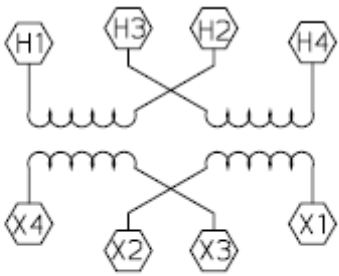


DIAGRAM A

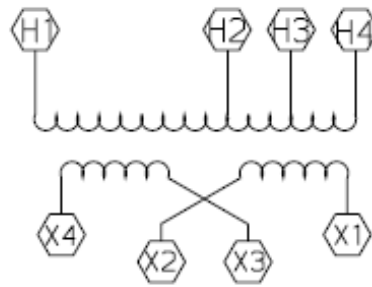


DIAGRAM B

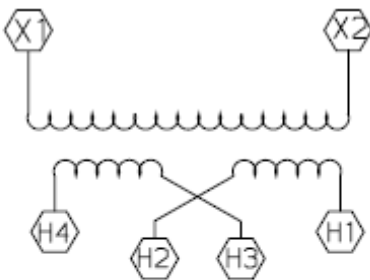


DIAGRAM C

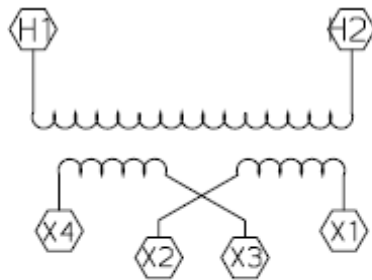


DIAGRAM D