

For Installing Humidifiers with Communicating Systems Air Handlers & Furnaces

⚠ WARNING: HAZARDOUS VOLTAGE - DISCONNECT POWER BEFORE SERVICING

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

IMPORTANT—This Document is **customer property** and is to remain with this unit. Please return to service information pack upon completion of work.

⚠ WARNING

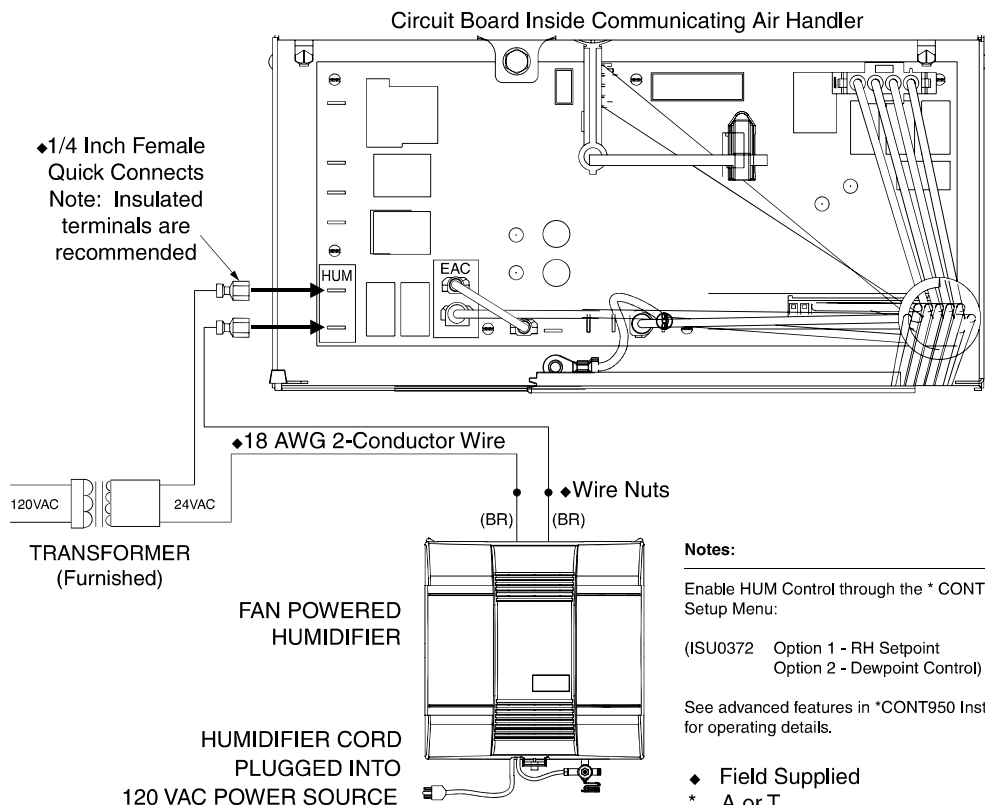
THIS INFORMATION IS FOR USE BY INDIVIDUALS HAVING ADEQUATE BACKGROUNDS OF ELECTRICAL AND MECHANICAL EXPERIENCE. ANY ATTEMPT TO REPAIR A CENTRAL AIR CONDITIONING PRODUCT MAY RESULT IN PERSONAL INJURY AND/OR PROPERTY DAMAGE. THE MANUFACTURER OR SELLER CANNOT BE RESPONSIBLE FOR THE INTERPRETATION OF THIS INFORMATION, NOR CAN IT ASSUME ANY LIABILITY IN CONNECTION WITH ITS USE.

⚠ WARNING

HAZARDOUS VOLTAGE! DISCONNECT ALL ELECTRIC POWER, INCLUDING REMOTE DISCONNECTS BEFORE SERVICING. FOLLOW PROPER LOCKOUT/TAGOUT PROCEDURES TO ENSURE THE POWER CAN NOT BE INADVERTENTLY ENERGIZED. FAILURE TO DISCONNECT POWER BEFORE SERVICING COULD RESULT IN DEATH OR SERIOUS INJURY.

Diagram A FAN POWERED HUMIDIFIER WIRING DIAGRAM

AS NEEDED FOR *HUMD500 WITH COMMUNICATING AIR HANDLER
(Included humidity control and outdoor sensor not required)



*HUMD500A HUMIDIFIER INSTALLATION WITH COMMUNICATING SYSTEM AIR HANDLER

Diagram A1 FAN POWERED HUMIDIFIER WIRING DIAGRAM

AS NEEDED FOR *HUMD500 WITH NON-COMMUNICATING AIR HANDLER

Note:

Verify that switch "A" is
in the BYPASS Position

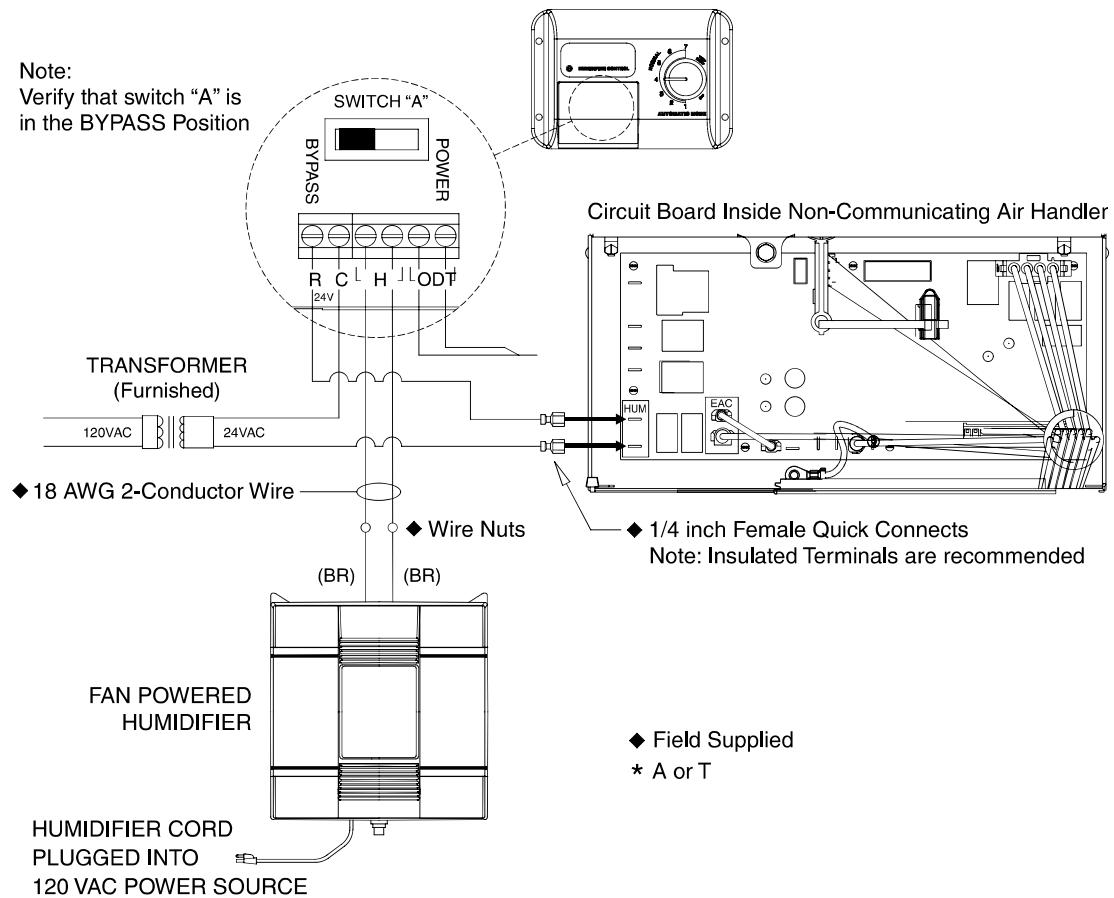


Diagram B FAN POWERED HUMIDIFIER WIRING DIAGRAM

FOR *HUMD500 WITH 120VAC OUTPUT TERMINALS

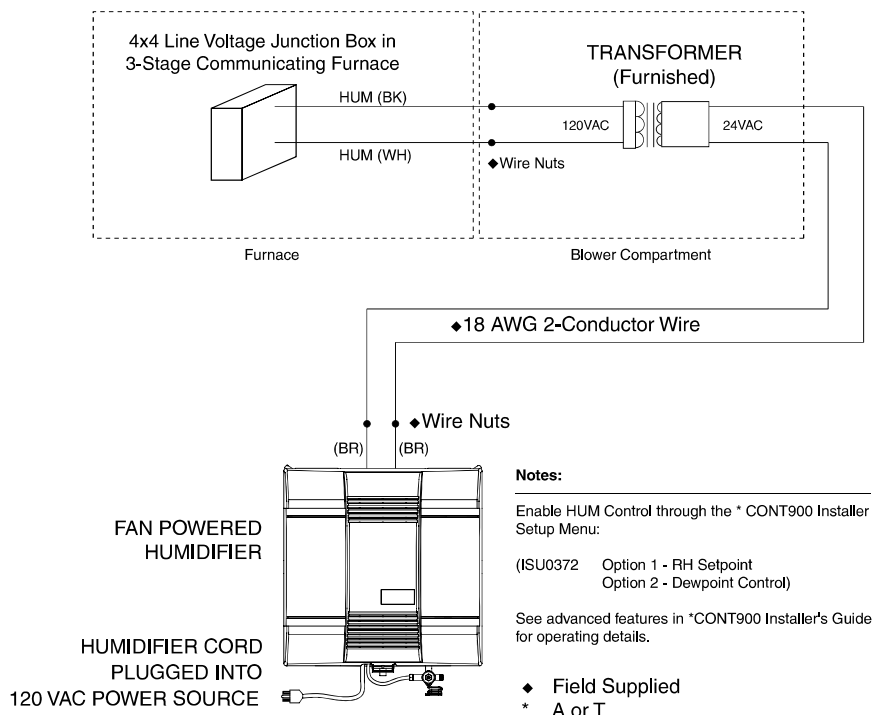
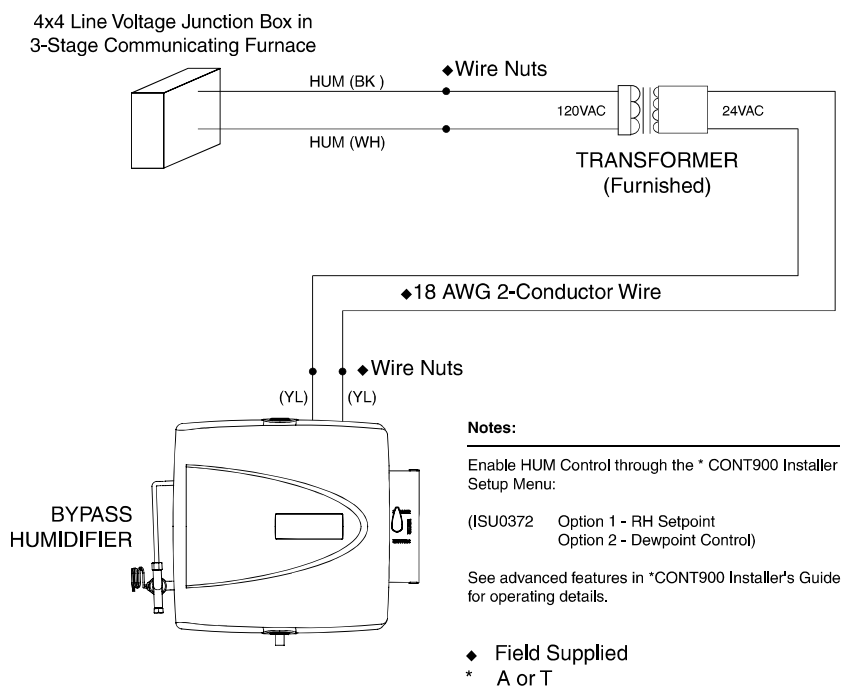


Diagram C BYPASS HUMIDIFIER WIRING DIAGRAM

FOR *HUMD300AB/*HUM200AB WITH 120VAC OUTPUT TERMINALS



Residential Humidifier Units

Models

AHUMD200A00BA**

THUMD200A00BA**

AHUMD300A00BA**

THUMD300A00BA**

AHUMD500A00BA**

THUMD500A00BA**

Mnemonic Part No.	Description	Qty.	Fan-Powered HUM with Relay	Fan-Powered HUM with Circuit Board
BLD01036	BLADE; FAN, LFP, *HUMD500	1	✓	✓
BRD03067	BOARD; CIRCUIT, LFP, *HUMD500	1	✓	
CNT04841	CONTROL; CONVERTIBLE AUTOMATIC HUMIDIFIER, AMER. STD., LBP/LFP, AHUMD300, 500	1	✓	✓
CNT04842	CONTROL; CONVERTIBLE AUTOMATIC HUMIDIFIER, TRANE, LBP/LFP, THUMD300, 500	1	✓	✓
GRM00883	GROMMET; ACCOMMODATES .099-.144 PANEL THICKNESS	1	✓	✓
MOT11925	MOTOR; LFP, *HUMD500	1	✓	
ORF01440	ORIFICE; YELLOW, LBP/SBP, *HUMD200, 300	1		
ORF01441	ORIFICE; BLUE, POWER UNITS, *HUMD500	1	✓	✓
RLY02948	RELAY; MODEL 50	1	✓	✓
SEN01259	SENSOR; OUTDOOR WITH ATTACHED BRACKET, AHC, OEM, LBP/LFP, *HUMD300, *HUMD500	1	✓	✓
SWT02795	SWITCH; DISCONNECT FEMALE, LFP, *HUMD500	1	✓	
SWT03081	SWITCH; DISCONNECT MALE, LFP, *HUMD500	1	✓	✓
THT02444	THERMOSTAT; HUMIDISTAT, MANUAL, TRANE, SBP, *HUMD200	1	✓	✓
THT02445	THERMOSTAT; HUMIDISTAT, MANUAL, AM STD, SBP, *HUMD200	1	✓	✓
TRR01901	TRANSFORMER; SBP, LBP, *HUMD200, *HUMD300	1		✓
VAL08192	VALVE; SADDLE, SBP, LBP, LFP	1	✓	✓
VAL08193	VALVE; SOLENOID, 24VAC, SBP, LBP, *HUMD200, *HUMD300	1		
VAL08194	VALVE; SOLENOID, 24VAC, LFP, *HUMD500	1	✓	✓
5462	POWER CORD	1	✓	
5463	POWER CORD	1		✓
5464	MOTOR	1		✓
5465	FEMALE DISCONNECT	1		✓
5466	INTERNAL RELAY	1		✓