

INSTALLATION AND OPERATING INSTRUCTIONS

002B027-00 Rev C
Cage Code 56183
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HUMISTAT INSTALLATION DATA

1.0 GENERAL

All dryers manufactured by **TX Technologies, Inc.**[™], are equipped with a solid state humistat (humidity controller) for constant monitoring of the humidity level of the outlet air.

1.1 APPLICATION

There are three (3) different variations of the same basic humistat board.

1.1.1 4541M44 – (Supersedes 4541A7 and 4541A39) – 115 VAC powered and used in the following domestic model air dryers:

- A. Polemount 1000/1200, 1500/1800, 2000/2500
- B. Series “G” 1200/1250, 1600/1850, 2400/2550
- C. CD Kit – CD1000, CD1500, CD2000
- D. Water Seal – 8000/10,000, 12,000/15,000, 16,000, 24,000
- E. CSI 5000
- F. Series “CX” 200, 400, 600
- G. 3000 WG

1.1.2 4541M44 – (Supersedes 4541M36) – 230 VAC powered and used in all export model air dryers and the following air dryers:

- A. CSI 5200
- B. 3-PAK, Manual Mode Control
- C. 6-PAK, Manual Mode Control

1.1.3 4541A32 – 115 VAC powered and only used in the 7000P. The transformer on the PC Board is used for an auxiliary 18 VDC to power other controls in the 7000P circuitry.

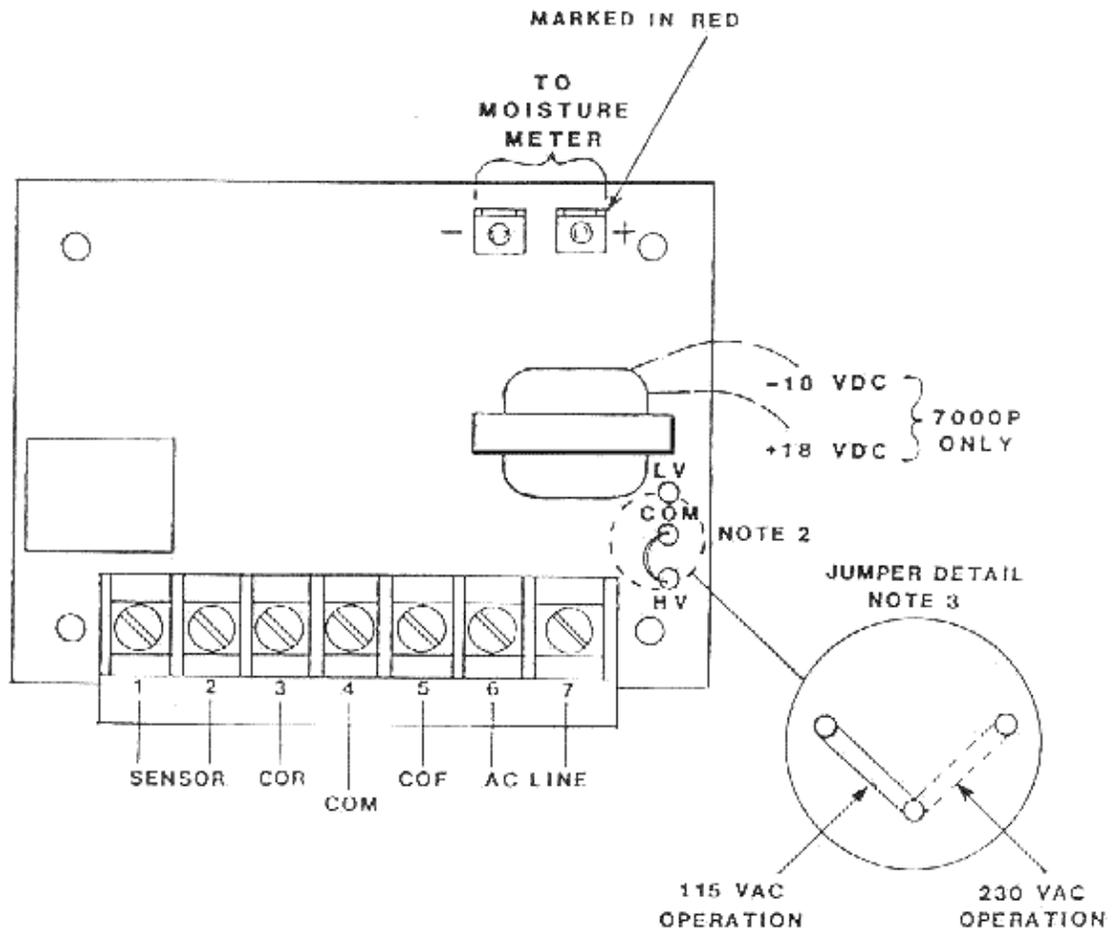
2.0 INSTALLATION

The humistat illustration and wire color code table show the hook-up information required to install each humistat.

CAUTION: ALL POWER SHOULD BE DISCONNECTED BEFORE OPENING THE ELECTRICAL PANEL ON ANY AIR DRYER.

After installation, the humistat must be tested for overall performance. Refer to the associated air dryer technical manual and perform the humidity alarm test procedures.

WIRE COLOR CODE TABLE							
MODEL	TERMINAL NO.						
	1	2	3	4	5	6	7
POLEMOUNT/C D	BRN	BRN	ORN	PUR/ PUR	GRAY	WHT/GRN	PUR/PUR
SERIES 'G'	BRN	BRN	ORN	PUR	GRAY	WHT/GRN	PUR
5000	BRN	BRN	BRN	YEL/ BLUE	WHT/ BLK	WHT/GRN/B LUE	RED
WATER SEAL 8, 12, 16, 24	BRN	BRN	ORN	WHT/ BLK	GRN	BLUE	BLK/RED
SERIES 'CX'	BRN	BRN	ORN	PUR	GRAY	WHT/GRN	PUR/PUR
3000WG	BRN	BRN	PUR	BLK	NONE	BLK/BLK /BLK	RED
7000P	BRN	BRN	WHT/ YEL	WHT/ BLK	NONE	PUR	WHT/BLK/W HT /BLK
5200	BRN	BRN	ORN	PUR	GRAY	GRN/WHT /GRN	PUR
3-PAK	BRN	BRN	NONE	ORN	GRAY	BLUE	ORN
6-PAK SER.NOS. B8256 AND EARLIER WITH AC CONTROL BOARD	BRN	BRN	NONE	WHT	GRAY	RED	PUR
6-PAK SER. NOS. B8257 AND LATER WITH DC CONTROL BOARD	BRN	BRN	NONE	ORN	GRAY	BLUE	ORN



Notes:

1. Illustration shows p/n 4541A43. Parts locations and printed circuits may vary slightly between different p/n's.
2. For 230 VAC operation, the jumper is connected between COM and HV. For 115 VAC operation, the jumper is connected between COM and LV.
3. Jumper detail for early model humistat boards.