

INSTALLATION AND OPERATING INSTRUCTIONS

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IDENTIFICATION OF 6-PAK AIR DRYERS AND PRECAUTIONARY NOTES FOR FIELD INSTALLATION OF THE CDK – 68, 8000 SCFD EXPANSION MODULE

GENERAL

This bulletin outlines a change in the electrical “**CONTROL**” circuit of the TX 6-PAK Air Dryer Modules (P/N 5370M39). All production units shipped after February 25, 1982 and whose Serial No. is B8257 or higher, have a new DC Control Circuit. All units whose Serial No. is B8256 or lower have an AC Control Circuit. It is extremely important that the following procedures be observed.

CAUTION: Air dryer modules and controller boards are not interchangeable between AC and DC versions. Be sure to identify and install the proper version module/board with the same type 6-PAK air dryer. Individual components listed in Table G of the 6-PAK air dryer technical manual are interchangeable between AC and DC version air dryer modules.

IDENTIFICATION

The new DC controlled 6-PAK air dryer can be easily identified as follows:

- a) An “**ATTENTION**” label is located on the inside top of the right front door above the controller board as shown in Figure 1.
- b) Another “**ATTENTION**” label is located on the electrical box cover of each module above the 10 AMP circuit breakers (Figure 2).
- c) Serial No. B8257 or higher as previously mentioned.
- d) The AC controlled 6-PAK air dryers have no labels and can be identified by Serial No. B8256 or lower.

The AC and DC version controller boards can be identified as follows:

- a) Place controller board on a flat surface with component side up.
- b) Locate 3 relays shown in Figure 3.
- c) A blue relay indicates DC operation; silver indicates AC.

In addition, the latest AC and DC version controller boards are identified with an “**ATTENTION**” label. (See Figure 4 and 5). In addition, these boards may include a white sticker with part and serial numbers as follows:

TX P/N SER. NO.

Shown on AC version controller board	A90-	XXXX
Shown on DC version controller board	M117-	XXXX

INSTALLATION OF CORRECT EXPANSION KIT (CDK – 68)

When expanding your 6-PAK air dryer from 16,000 to 24,000 SCFD, it is important that the proper expansion kit is ordered and utilized. Expansion kits are available for both AC and DC controlled air dryers.

- a) Expansion kit CDK – 68 – AC is to be used only for the AC dryer.
- b) Expansion kit CDK – 68 – DC is to be used only for the DC dryer.

- c) If you stock a spare module, be sure to identify the module type (AC or DC) prior to installation.

MODIFICATION OF CONTROLLER BOARD

The printed circuit board is located at the inside of the right front door. Prior to installation of expansion kit, be sure to cut the jumper cable on this board as shown in Figure 3. This jumper, if not cut, will prevent the "C" system from operating.

*Any guest ions concerning the content of this document can be answered by the TX Technical Service Department. (973) 442-7500.

ATTENTION
This dryer is wired for D.C. control voltage - use only modules identified "WIRED FOR D.C. CONTROL VOLTAGE"

ATTENTION
This module is wired for D.C. control voltage. Use only in D.C. control 6-Pak

Figure 1

Figure 2

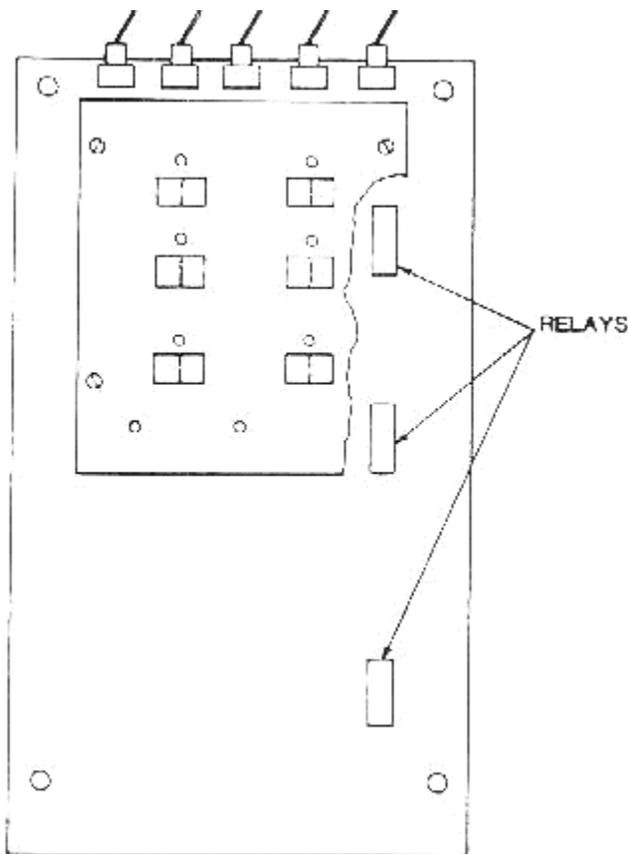


Figure 3

ATTENTION
 THIS CONTROLLER BOARD IS
 WIRED FOR DC CONTROL
 VOLTAGE – USE ONLY IN 3-
 PAK OR DC CONTROL 6-
 PAK

ATTENTION
 THIS CONTROLLER BOARD IS
 WIRED FOR AC CONTROL
 VOLTAGE – USE ONLY IN
 AC CONTROL 6-PAK

Figure 4

Figure 5

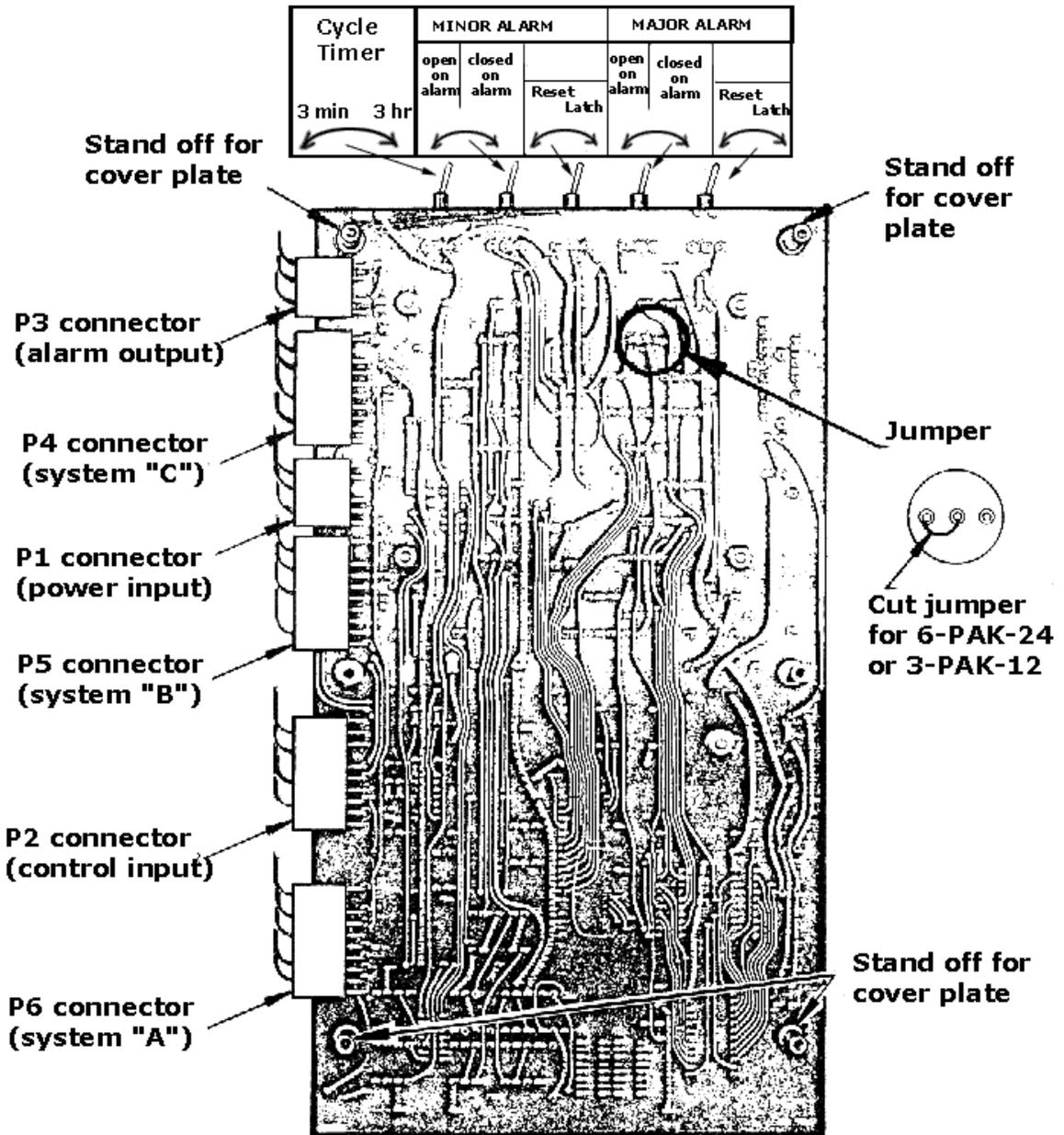


Figure 6

Controller board (cover removed)

CAUTION: Refer to Figure above for location of jumper. This jumper wire must be cut or otherwise disconnected for either 3-PAK-12 or 6-PAK-24. For two systems ONLY (3-PAK-8 or 6-PAK-16) jumper must be in place.