P08033W Air Dryer Cycling Module



User's Guide



1. Welcome & Congratulations

Congratulations on your purchase of a new ALTEC AIR P08033W Air Dryer Cycling Module! We here at ALTEC AIR are very proud of our products and we are committed to providing you with the best value and service possible.

We are sure that you will be satisfied with your new Air Dryer Cycling Module and would like to thank you for choosing ALTEC AIR for your air dryer cycling requirements. We also hope that you will continue to choose us for your future air pressure and related products purchases.

For information about this and other ALTEC AIR products, please visit us on the web at

www.AltecAIR.com

2. Introduction

PLEASE READ THIS USER'S GUIDE THOROUGHLY AND SAVE FOR FUTURE REFERENCE.

This User's Guide is provided for the benefit of our customers and contains information and direction specific to the ALTEC AIR P08033W Air Dryer Cycling Module. It will cover topics including: safety, specifications, installation, operation, testing, maintenance, and troubleshooting issues. Observation and compliance with this User's Guide will ensure the maximum life and efficiency of your Air Dryer Cycling Module.

This User's Guide should be read thoroughly prior to installing, operating, or servicing the Air Dryer Cycling Module in order to become familiar with the recommended procedures. This will minimize the possibility of personal injury or damage to the module due to improper operation or handling.

3. Table of Contents

1. Welcome & Congratulations 2
2. Introduction
3. Table of Contents
4. Safety & Warning Information 4
5. Overview & Specifications 6
5.1 Product Description 6
5.2 Key Features 6
5.3 Technical Specifications
6. Installing Your Cycling Module 7
6.1 Safety & Warning Information7
6.2 Before You Begin
6.3 Included Contents
6.4 Required Tools and Materials 10
6.5 Installation Steps 10
6.6 Installation Checklist 12
7. Registering Your Cycling Module 13
8. Operating Your Cycling Module
8.1 Safety & Warning Information 14
8.2 Powering the Module ON & OFF 15
8.3 Using the Front Panel Display 17
8.4 Setup Menu
8.4.1 System Setup 18
8.4.1.1 Network Setup 18
8.4.1.2 DATE/TIME
8.4.1.3 Firmware update
8.4.1.4 Keyword Setup 18
8.4.1.5 Alarm Delay 18
8.4.1.6 Changeover Delay 18
8.4.1.7 LED Brightness 18

8.4.1.8 Backlight DIM 19
8.4.1.9 Legacy Mode 19
8.4.1.10 About 19
8.4.2 Cycle Setup 19
8.4.2.9 Set Next Cycle Time
8.4.3 Maintenance
8.5 Port Status
9 Connecting to Your Cycling Module 22
9.1 Connecting via IP 22
10 Accessories for Your Cycling Module 25
10.1 Ordering Parts from ALTEC AIR 26
11. Service & Repair26
11.1 Services Offered26
11.2 Initiating a Service Transaction27
12. Troubleshooting Your Cycling Module 27
12.1 Before You Call ALTEC AIR27
12.2 Safety & Warning Information
12.3 Cycling Module Won't Power ON 29
12.4 Display Screen Not Functioning
12.5 Dryers Do Not Cycle 29
12.6 Contacting ALTEC AIR Technical
Support
13. Limited Warranty Agreement
Registration Reminder
14. Contacting ALTEC AIR
14.1 General
14.2 Sales
14.3 Service
14.4 Technical Support
15. Notes

4. Safety & Warning Information

This section contains general information about safety and warning points to consider and adhere to during installation, operation, and maintenance of your Air Dryer Cycling Module. PLEASE READ THIS SECTION BEFORE PERFORMING ANY OPERATION OR PROCEDURE ON YOUR AIR DRYER CYCLING MODULE.

Additional warnings specific to an operation or procedure will also be presented throughout the following sections. These will include the A symbol as well as a label of "<u>WARNING!</u>", "<u>CAUTION!</u>", or "<u>IMPORTANT!</u>" Please be sure to pay close attention for these warnings and read them as you encounter them.



WARNING!

For your safety, all the information in this User's Guide must be followed to minimize the risk of electrical shock, and prevent property damage or personal injury.



WARNING!

Extreme care should be exercised to avoid contact with live electrical circuits. Many procedures performed during installation, and testing of this cycle module require the equipment to be running, creating a situation for potential electrical shock. It is highly recommended that you remove all jewelry before performing any procedures.



WARNING!

Internal surfaces may be hot. Use care when coming into contact with internal components as there is a potential for some of these components to become hot when in operation or standby.



CAUTION!

Proper Installation & Maintenance as outlined in this User's Guide is extremely important to ensure the reliability and longevity of the equipment as well as prevent damage or personal injury.



CAUTION!

Incoming power to the cycle module must be 120 VAC \pm 10%, 1 Phase, 50 / 60 Hz with max 10 amp service.



CAUTION!

This Air Dryer does not contain an internal Surge Protection Device (SPD). If an SPD is required it must be supplied by the user.



IMPORTANT!

Performing procedures not described in this User's Guide or installing components not supplied by ALTEC AIR is NOT RECOMMENDED AND MAY VOID THE WARRANTY

5. Overview & Specifications

5.1 Product Description

The P08033W Air Dryer Cycling Module from ALTEC AIR is designed to provide total control and flexibility for the cycling of up to 8 air dryers. This process is fully automatic and will remain consistent with minimal required periodic maintenance.

5.2 Key Features

- LCD display of all operating parameters
- Compact and lightweight for easy versatile installation-wall or rack mount
- Easy roster configuration via LAN, or web browser
- Remote reset capabilities of air dryers
- Real time monitoring via or web browser

5.3 Technical Specifications

Power Requirements	120 VAC ±10% , 1 Phase, 50 / 60 Hz
Electrical Characteristics	Running Amps: .08 (10 Amp service max)
Operating Temperature Range	40° to 85° F (5° to 30° C) Optimal
Alarms	Power Fail alarm
Dimensions	3.5 D x 13.25" W x 11.75" H (8.9 cm x 33.65 cm x 29.84 cm)

6. Installing Your Cycling Module

6.1 Safety & Warning Information



WARNING!

Internal surfaces may be hot. Use care when coming into contact with internal components as there is a potential for some of these components to become hot when in operation or standby.



WARNING!

Extreme care should be exercised to avoid contact with live electrical circuits. Many procedures performed during installation, and testing of this cycle module require the equipment to be running, creating a situation for potential electrical shock. It is highly recommended that you remove all jewelry before performing any procedures.



CAUTION!

Proper Installation & Maintenance as outlined in this User's Guide is extremely important to ensure the reliability and longevity of the equipment as well as prevent damage or personal injury.



CAUTION!

Incoming power to the cycle module must be $120 \pm 10\%$ VAC, 1 Phase, 50 / 60 Hz with max 10 amp service.



IMPORTANT!

Performing procedures not described in this User's Guide or installing components not supplied by ALTEC AIR is NOT RECOMMENDED AND MAY VOID THE WARRANTY.

6.2 Before You Begin

- 6.2.1 Carefully inspect the unit, including the shipping box, for ANY DAMAGE CAUSED BY SHIPPING. If any shipping damage is detected, it is important to file a claim with the shipping company prior to continuing the installation procedures.
- **6.2.2** Read the entire *Installing Your Cycling Module* section to familiarize yourself with the components and procedures before performing the Air Dryer Cycling Module installation.
- **6.2.3** Verify the installation location of the Air Dryer Cycling Module:
 - **6.2.3.1** Well ventilated and free from abrasive dust or chemicals.
 - **6.2.3.2** Meets the following power requirements:
 - $120 \pm 10\%$ VAC, 1 Phase, 50 / 60 Hz
 - Max 10 amp service
- **6.2.4** Notify the alarm center of the installation and potential for alarms during the process (as necessary).

Dryer	Interface Kit
P550W Series	
P1500W Series	PVDW34
P4200W Series (Removable Front Panel)	
P4200W (Swing open door)	
P6500W	
P10KW / P15KW	PVDW31
P20KW / P30KW	
P4200DCO3A	
P10000DCO / 15000DCO	P08035
P20000D / P30000D	(PVDW33)
Other Manufacturers' 120 VAC Dryers	P08970F1
	(PVDW321)
P05000D / P06500D	P08970F2
Other Manufacturers' 240 VAC Dryers	(PVDW322)

6.2.5 Verify all dryers have the correct interface kits installed. See chart below:

6.3 Included Contents

- (1) P08033W Air Dryer Cycling Module
- (1) Alarm Plug-Male
- (1) Wall mounting anchors (not shown)
- (1) Wall mounting screws (not shown)
- (1) User's Guide Paper copy



6.4 Required Tools and Materials

- Small Phillips head screwdriver
- Medium Phillips head screwdriver
- Small flat head screwdriver
- Drill
- 1/4" Drill bit

6.5 Installation Steps

6.5.1 Remove Air Dryer Cycling Module and all contents from packaging.

NOTE: If ANY SHIPPING DAMAGE is detected, file a claim with the shipping company prior to continuing the installation procedures.

6.5.2 Loosen the 4 fasteners that attach the back panel plate to the front assembly



- **6.5.3** Check for loose parts or wiring.
- **6.5.4** Place the Air Dryer Cycling Module at the operating location.



6.5.5 Mount on rack using optional part number P011265 (with included hardware).

OR

- **6.5.6** Use the back sheet metal as a pattern to Pre-drill holes in wall with a ¹/₄" drill bit. Mount on wall using included wall mounting anchors and screws.
- **6.5.7** Attach and secure the DB9 cables routed from the Air Dryer Interface Kits, starting with Dryer #1 on the left.
- 6.5.8 Wire an external wire pair to the included Power Fail Alarm Plug.
- 6.5.9 Insert the Power Fail Alarm Plug into the Power Fail Alarm Socket.
- **6.5.10** Plug the power cord into a $120 \pm 10\%$ VAC, 1 phase, 50 / 60 Hz power outlet.
- **6.5.11** Power the Air Dryer Cycling Module **ON**. Verify the Display Screen lights up. **This may take up to 30 seconds.**

6.5.12 REGISTER YOUR AIR DRYER CYCLING MODULE. See section 7. for details.

6.6 Installation Checklist

- □ No shipping damage was detected.
- □ Wall or Rack mounted properly.
- DB9 connectors attached and tightened.
- Verify the Display Screen lights up when the Air Dryer Cycling Module is powered ON.

7. Registering Your Cycling Module

Please take a moment to register your ALTEC AIR P08033W Air Dryer Cycling Module. Registering is necessary to activate the Limited Warranty on your product. Once you register, you are eligible to receive free technical support, as well as updates concerning your ALTEC AIR products.

Register Online at <u>www.Altec AIR.com/registration</u>

Or by Phone 1-800-521-5351 (option 2)

Have the following information available:

Model #: P08033W	Serial #:		
Company Name:	Location	Name:	
Shipping Address:			
City:	State:	Zip Code:	
Contact Name:	Phone #:	<u>() - ext.</u>	
Email:			

8. Operating Your Cycling Module

8.1 Safety & Warning Information



WARNING!

Extreme care should be exercised to avoid contact with live electrical circuits. . Many procedures performed during installation, and testing of this cycle module require the equipment to be running, creating a situation for potential electrical shock. It is highly recommended that you remove all jewelry before performing any procedures.



WARNING!

Internal surfaces may be hot. Use care when coming into contact with internal components as there is a potential for some of these components to become hot when in operation or standby.



IMPORTANT!

Performing procedures not described in this User's Guide or installing components not supplied by ALTEC AIR is NOT RECOMMENDED AND MAY VOID THE WARRANTY.

8.2 Powering the Module ON & OFF



CAUTION!

Incoming power to cycle module must be $120 \pm 10\%$ VAC, 1 Phase, 50 / 60 Hz with 10 amp service max.

- **8.2.1** When the module is first turned ON, the cycle kit will be set up to cycle 2 dryers on port 1 and port 2. The cycle kit can be easily set up to cycle up to eight dryers using the menu
- **8.2.2** The module has 8 LEDS representing 8 dryers that can be connected. The color of the LED represents the dryer's state. The meaning of the colors is described below

Color	State	Description
LED OFF	DISCONNECTED/NOT	A dryer is NOT
	ROSTERED	connected, and this port
		is NOT set up in the
		roster
BLUE	CONNECTED/NOT	A dryer is connected, and
	ROSTERED	this port is NOT set up in
		the roster
RED	ALARM	A dryer is connected, and
		this port is set up in the
		roster and the dryer is in
		alarm
WHITE	EMERGENCY	A dryer is connected, and
		this port is set up as an
		emergency dryer in the
		roster
BLINKING WHITE	EXERCISE	A dryer is connected, and
		this port is set up as an
		emergency dryer, but is
		currently being exercised
BLINKING RED	DISCONNECTED/ROSTERED	This port is set up in the
		roster, but no dryer is
		detected
GREEN	ONLINE	This port is set up as an
		online dryer and it is
		running
YELLOW	STANDBY	This port is set up as a
		standby unit and is
		currently not running
BLINKING BLUE	MAINTENANCE	This dryer is in
		maintenance mode

8.3 Using the Front Panel Display



- **8.3.1** Arrow Buttons Used to access, navigate, and change values in the Setup screens.
- **8.3.2** Center Button Used to accept changes
- **8.3.3 Display Screen** Shows the current date, current time, current cycle mode, next cycle date, next cycle time readings, and how to access the Setup Menu and port status.



8.4 Setup Menu

Air Dryer Cycling Module Setup Menus are programmed for initial setup as well as

modifications that need to be done in the future.

The following menus are available in the Setup Menu

8.4.1 System Setup

This menu contains setup menus for the following settings

8.4.1.1 Network Setup

This menu allows users to set the IP address, Subnet Mask, Gateway as well as see the device's MAC address.

8.4.1.2 DATE/TIME

This menu allows users to set the unit's date and time

8.4.1.3 Firmware update

This menu allows users to update device firmware using a USB drive. To update firmware simply place the new firmware file on a USB drive that is 16GB or less. Plug the USB drive into the cycle kit and navigate to this screen. Select firmware update and navigate to the firmware version you would like to use. Select the firmware option you would like to use. The device will update its firmware and restart. After the device restarts navigate to the "About" menu and verify that the firmware version was updated.

8.4.1.4 Keyword Setup

This menu allows users to enable/disable keyword protection as well as change the keyword. The default keyword is 123456

8.4.1.5 Alarm Delay

This menu allows users to set an alarm delay from 0-10s that will prevent the cycle kit from registering spurious alarms that last less than the alarm delay setting

8.4.1.6 Changeover Delay

This menu allows users to set a Changeover Delay from 0-4 minutes. This changeover delay will, during a changeover continue to run the dryers that were running and are now going into standby for the changeover delay time set. Once this time has elapsed the dryers will go into standby.

8.4.1.7 LED Brightness

This menu allows users to set the brightness of the LEDS

8.4.1.8 Backlight DIM

By pressing the center button while this option is highlighted the user can toggle whether the LCD backlight will dim after 2 minutes.

8.4.1.9 Legacy Mode

By pressing the center button, the user can enable/disable legacy mode. This mode is intended to be used with very old dryers. This setting should almost never be used unless a user is having issues with their dryers losing connection to the cycle kit randomly.

8.4.1.10 About

This menu will show the part number of the cycle kit and its current firmware version

8.4.2 Cycle Setup

This menu will allow users to set up the roster, the cycle mode and the next cycle time. Initial setup can be done as follows



- **8.4.2.1** First Select ROSTER from the Cycle Setup Menu
- **8.4.2.2** The device will now ask for the minimum number of dryers that you want online. Select a number 0-8



- **8.4.2.3** Now you will be prompted to set up your roster. Use the left and right arrows to scroll through the dryers and select the desired state for each dryer. The letter representations of states are as follows
 - 8.4.2.3.1 **D** Disconnected (this port is not used)
 - 8.4.2.3.2 **O** Online
 - 8.4.2.3.3 S- Standby
 - 8.4.2.3.4 **E**-Emergency



- **8.4.2.4** Press the center button to save the roster and return to the cycle setup menu
- **8.4.2.5** Next, we will set the cycle mode of the dryer by selecting cycle mode from the Cycle Setup menu
- **8.4.2.6** You will first be prompted to select if you would like to skip cycling on the weekends.



8.4.2.7 Make your choice and press enter and you will be presented with the option to select either **24HR**, **48HR** or **CUSTOM** cycle mode. 24HR mode will cycle the dryers every 24 hours, 48HR will cycle the dryers every 48 hours and custom will allow you to select specific days of the week to cycle the dryers.

8.4.2.8 Once you make a selection you will be asked to set the next cycle time.

8.4.2.9 Set Next Cycle Time

8.4.2.9.1 You may access this menu at any time to set the next cycle time

8.4.3 Maintenance

8.4.3.1 You may use this menu to either place dryers that are in the active roster into maintenance mode so that regular maintenance may be performed or to exercise dryers that are currently being used as emergency dryers

8.5 Port Status

8.5.1.1 You may press the down arrow from the main screen to view each port's status



9. Connecting to Your Cycling Module

9.1 Connecting via IP

NOTE: Connecting requires that you use a computer that is on the same network as the Air Dryer Cycling Module.

- **9.1.1** Install the network cable into the LAN port of the Air Dryer Cycling Module.
- 9.1.2 Open a web browser
- **9.1.3** In the Address text box, type https:// followed by your devices IP address. For example <u>https://192.168.1.102</u> would be the default IP of the device. It is very important that you use https. You will likely receive a message like the one below.

frie Edit Yeas Highny Bookmarks Book Eide			-	٥	×
A Insecure Connection × +					
n (+) () https://10.0.0.41		C Q. Search	+		≡
🛞 Web Slice Gallery 🛞 Altec Remote Support					-
	Your connection is not secure The owner of 10.0.041 has configured their website improperly. To protect your information from being stoler, Firef has not connected to this website. Learn more Co Bac Advanced The port errors like this to help Mozilla identify and block malicious sites	C Q, Seach	•		=
👔 It looks like you haven't started Firefox in a while. Do you want to clean it up for a fresh. like-new	equivience ¹ And by the way, welcome back!		Refresh	Firefox	×

9.1.4 This is because we are using SSL technology, but we do not have a signed SSL certificate. You may safely ignore this error OR Altec Air can provide you with a certificate to add to your computer to make this error go away.

9.1.5 Once you bypass the previous screen you will be taken to the main web interface for the device



9.1.6 From this page you can perform basic setup as well as see port status

🛒 Cycle Ka 🛛 🗙 🕂					- o x
← → C = 10.0.0.41/event.html					😒 🔹 😵 象 😣 E
🔢 Apps 💿 New Tab					Other bookmarks
0	Status Events				•
E	vents Log	9			
	Filter By	Туре	Filter By Dryer Downlos	ad 🖤	
	Dryer	Event Type	Message	Timestamp	
	SYSTEM	Cycle Setup Change	Next switch time changed from 2021-03-05T14-29:55.636 to 2021-03-06T14-29	3/5/2021, 2:29:55 PM	
	SYSTEM	Cycle Setup Change	Skip weekend set to NO	3/5/2021, 2:27:35 PM	
	2	Dryer Status Change	Dryer 2 changed from ONLINE to STANDBY	3/5/2021, 2:23:38 PM	
	1	Dryer Status Change	Dryer 1 changed from EMERGENCY to ONLINE	3/5/2021, 2:23:38 PM	
	SYSTEM	Cycle Setup Change	Minimum number of dryers changed from 1 to 1	3/5/2021, 2:16:21 PM	
	SYSTEM	Info	Unit Power On (Firmware: 1.1.6 Library: 0.1.2)	3/5/2021, 2:11:18 PM	
	SYSTEM	Info	Unit Power Off	3/5/2021, 11:11:52 AM	
	2	Alam	Dryer 2 is DISCONNECTED	3/5/2021, 11:11:47 AM	
		Alam	Dryer 1 is DISCONNECTED	3/5/2021, 11:11:47 AM	
	1	Dryer Status Change	Dryer 1 changed from ONLINE to EMERGENCY	3/5/2021, 8:21:51 AM	
	1	Dryer Status Change	Dryer 1 changed from EMERGENCY to ONLINE	3/5/2021, 8:21:30 AM	
	2	Alam	Dryer 2 is in ALARM	3/5/2021, 8:21:27 AM	
	1	Dryer Status Change	Dryer 1 changed from ONLINE to EMERGENCY	3/4/2021, 3:40:22 PM	
	1	Dryer Status Change	Dryer 1 changed from EMERGENCY to ONLINE	3/4/2021, 3:40:08 PM	
	2	Alam	Dryet 2 is in ALARM	3/4/2021, 3:40:05 PM	

9.1.7 If you select the events screen you can see events that the cycle kit has logged. You may also download this event log to a csv file

https://10.0.041/firmware.html × +			- 0 X
← → C = 10.00.41/immeare.html			😒 🗢 😆 🍫 🖗 E
🔢 Apps 💿 New Tab			Other bookmarks
🖳 Status E	Events About		a
Info		Network	2
Device II Model Serial Ni App Ver 1.1.6 Library V 0.1.2 Firmwar Cross Fild	D E wumber sion Version re Update no file down There There There There There	IP 10.0.0.41 Subnet 255.255.0 Gateway 10.0.0.1 MAC B627:EBED:28.8C	
Technica Phore: (8f Corpora 226A Corr	I Support al Support al S21-6381 Option 1 te Office nmerce St. Broomfield, CO 80020	AIR	

9.1.8 The about screen allows you to see device information as well as update firmware from a file on your computer

	Description	Part Number
PADRAJI	Interface Kit Includes everything required to connect to P4200DCO3A, P4200W (with swing open door), P6500W, P10\15KW, P20\30KW Air dryers.	PVDW31
	Interface Kit Includes everything required to connect 120VAC Air dryers.	P08970F1
	Interface Kit Includes everything required to connect 240VAC Air dryers.	P08970F2
	Interface Kit Includes everything required to connect to P10\15000DCO, P20\30000D Air dryers	P08035
ð.	Interface Kit Includes everything required to connect to P550W, P1500W, P4200WAir dryers (with removable Front Panel).	PVDW34

10. Accessories for Your Cycling Module

10.1 Ordering Parts from ALTEC AIR

Once you have identified your required parts and accessories, contact the ALTEC AIR Inside Sales / Service department to order:

(800) 521-5351 (**option 2**) Fax – (303) 657-2205 <u>sales@Altec AIR.com</u> <u>parts@Altec AIR.com</u>

11. Service & Repair

Only ALTEC AIR can offer factory direct rebuilds backed by a 6 month factory

warranty.

- 2 week turnaround time
- Estimates available upon request
- Minimum service charge fee applies

11.1 Services Offered

- Piston Compressor Rebuild
 - Replace motor bearings, piston rod assemblies, and install a complete compressor maintenance kit.
 - Test air flow, air pressure, and electrical performance

• Heatless Dryer Rebuild

- Replace desiccant, o-rings, check valves, springs, and complete solenoid assembly
- Test proper component operation
- Desiccant Tower Repack
 - o Clean out tower and replace desiccant, filter, and o-ring
- **Circuit Board Repair** (Limited to current model boards only)
- Complete Dryer Repair

11.2 Initiating a Service Transaction

- Contact our Parts & Service Department at **1-800-521-5351 (option 3)** to obtain a Return Authorization (RA) number.
- Carefully package the item(s) to be returned.
- Mark the Return Authorization (RA) number on the outside of the shipping container.
- Include the main address and phone number of the individual to contact for related inquiry and follow-up information.
- Include the purchase order number.

12. Troubleshooting Your Cycling Module

12.1 Before You Call ALTEC AIR

PLEASE READ THIS SECTION FIRST. It is important that you use the following sections in order to diagnose and attempt fix the problem with your Air Dryer Cycling Module before placing a call to ALTEC AIR Technical Support.

This troubleshooting guide is intended to simplify the isolation of problems, present possible causes, provide test procedures for verification, and suggest corrective actions to restore the Air Dryer Cycling Module back to normal operation. Each section begins with the most likely cause(s) of the issue. Otherwise, they start from the simplest possibilities and progress to more complicated ones.

This troubleshooting guide is designed to be easy to follow and very effective when used properly. It is suggested to always start at the beginning of the specific problem section and continue in sequence, following the procedures indicated.

12.2 Safety & Warning Information



WARNING!

For your safety, all the information in this User's Guide must be followed to minimize the risk of electrical shock, and prevent property damage or personal injury.



WARNING!

Internal surfaces may be hot. Use care when coming into contact with internal components as there is a potential for some of these components to become hot when in operation or standby.



WARNING!

Extreme care should be exercised to avoid contact with live electrical circuits. Many procedures performed during installation, operation, testing, and maintenance of this air dryer require the equipment to be running, creating a situation for potential electrical shock. It is highly recommended that you remove all jewelry before performing any procedures.



IMPORTANT!

Performing procedures not described in this User's Guide or installing components not supplied by ALTEC AIR is NOT RECOMMENDED AND MAY VOID THE WARRANTY.

12.3 Cycling Module Won't Power ON

Possible Cause	Check	Corrective Action
Power Switch in OFF	Verify the Power Switch	Move the Power Switch
position	is in ON position	to the ON position
	(section 8.2)	(section 8.2)
No incoming voltage to	With a Voltmeter	Troubleshoot facility
the Air Dryer Cycling	measure incoming	power supply to Air
Module	voltage at the Power	Dryer Cycling Module
	Switch (section Error!	
	Reference source not	
	found.)	

12.4 Display Screen Not Functioning

Possible Cause	Check	Corrective Action
Ribbon cable unplugged	Verify that the ribbon	Plug in ribbon cable to
	cable running from the	Control Board and
	Control Board to the	Display Screen (see
	Display Screen is	section Error!
	properly connected at	Reference source not
	both ends (see section	found.for Control Board
	Error! Reference	and Display Screen
	source not found.for	locations)
	Control Board and	
	Display Screen	
	locations)	
Defective Display Board	Garbled or no readout.	Replace Display Board
		(section Error!
		Reference source not
		found.)

12.5 Dryers Do Not Cycle

Possible Cause	Check	Corrective Action	
Dryer is not seen in the	Verify all dryers are	Add dryers to Air Dryer	
roster	connected properly	Cycling Module (section	
	(section 6.5.7)	Error! Reference	
		source not found.)	
Air dryer is in alarm	Verify air dryer alarm	Reset air dryer alarm	

12.6 Contacting ALTEC AIR Technical Support

Please read the *Before You Call ALTEC AIR* section (12.1)

Once you have exhausted all of the potential problems and solutions covered in the *Troubleshooting Your Dryer* section, and you still require further assistance to correct a problem, contact ALTEC AIR Technical Support:

(800) 521-5351 (option 1)

Have the following information available:

Trouble Ticket # (if following-up on a pre	vious call):
Technician Name:	Phone #:
Model #: <u>P08033W</u>	Serial #:
Company Name:	Location Name:
City: State:	

13. Limited Warranty Agreement

ALTEC AIR products carry a one (1) year warranty against defective workmanship and material. This period starts at date of shipment. Not included are the components subject to normal replacement during a year's operating time.

No claims for labor in replacing defective parts or for consequential damages will be allowed. Replacement parts will be invoiced in the regular way, with invoices subject to adjustment after the parts claimed defective are examined at our factory. In addition, no material or parts will be accepted at our factory for in-warranty repairs or credit without previous authorization from ALTEC AIR.

Responsibility for damages incurred in transit will be borne by the user and the user in turn should file any damage claim against the carrier. All warranty items are F.O.B. Broomfield, Colorado. Freight charges are the responsibility of the user.

This warranty shall not apply to any ALTEC AIR product which shall have been repaired or altered in any way by anyone other than ALTEC AIR or authorized personnel so as to affect, in our judgment, its proper functioning or reliability, neither will it apply to any product which has been subject to misuse, negligence, or accident. The installation of unauthorized non ALTEC AIR parts will void the warranty on those ALTEC AIR products.

Registration Reminder

If you haven't already done so, please take a moment to register your ALTEC AIR P08033W Air Dryer Cycling Module. **Registering is necessary to activate this Limited Warranty on your product.** Once you register, you are eligible to receive free technical support, as well as updates concerning your ALTEC AIR products.

See Section 7. for details on Registering Your Cycling Module.

14. Contacting ALTEC AIR					
14.1 General					
ALTEC AIR, LLC					
226A Commerce Street					
Broomfield, Colorado 80	020				
(800) 521-5351					
(303) 427-3700					
Fax – (303) 657-2233	1				
info@Altec AIR.com	<u>L</u>				
www.Altec AIR.com					
14.2 Sales					
(800) 521-5351 (option	2)				
Fax – (303) 657-2205	i				
sales@Altec AIR.com	1				
parts@Altec AIR.com	- <u>1</u>				
14.3 Service					
(800) 521-5351 (option	3)				
Fax – (303) 657-2205	í				

14.4 Technical Support

(800) 521-5351 (option 1)

DON'T FORGET TO REGISTER YOUR AIR DRYER CYCLING MODULE!

See Section 7. for details on Registering Your Cycling Module.

15. Notes


