



No. 167

June 25, 2003

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TECHNICAL BULLETIN



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## JULY 1, 2003 PARTS PRICE LIST

Our next Parts Price List (**ADC** P/N 451000) has a **July 1, 2003** effective date. This updated Parts Price List can be downloaded from our website, [www.amdry.com](http://www.amdry.com). As with previous Parts Price Lists, it is also available on our **ADC** Publications CD-ROM (**ADC** P/N 882206). Printed copies of the **July 1, 2003** Parts Price List are available through normal parts order channels at a minimal fee of \$2 NET.

The Parts Price List is updated or issued on a quarterly basis: January, April, July, and October.

- |  |
|--|
| <p><b>IMPORTANT:</b></p> <ol style="list-style-type: none"><li>1) Prices are subject to change without notice. The price(s) on the invoice may not necessarily be the same as the price(s) shown on the <u>Parts Price List</u>.</li><li>2) Formal (written) quotes will be valid for thirty (30) days. When submitting parts orders where a formal quote was issued, the quotation number must be provided at the time, or the quote will not be valid.</li><li>3) Verbal quotes are not binding and will not be honored.</li></ol> |
|--|

## REMINDER E-MAIL PARTS ORDER SHIPMENT NOTIFICATION SYSTEM

**ADC** has a system available to notify our customers by e-mail, when their parts order is shipped via UPS. However, to do this at the time the order is placed with our customer service representative, you **MUST** ask for this service, and provide an e-mail address. Once the order is shipped by **ADC**, it will activate the automatic UPS shipping notification system and you will be informed via e-mail by UPS of the status of your shipment.

The notification will include the following Important Delivery Information: Ship To Address; Number of Packages in Shipment; UPS Service ... i.e. Next Day Air etc.; Weight; UPS Tracking Number; and Reference Number, which is **ADC's** acknowledgment (packing list) number. Any reply to this notification will not be received by UPS or **ADC**.

## ANNUAL FACTORY VACATION

The **ADC** factory will not be manufacturing dryers from **June 30, 2003 through July 11, 2003** while our factory workers take their annual vacation. The office will be staffed for all operations, as usual, from 8:00 A.M. to 5:00 P.M. Eastern Daylight Savings Time. Parts orders will be processed and shipped as normal. The Sales Department will be taking orders as usual. All operations (Parts, Sales, and Technical Support) will be closed the day of the fourth in observance of Independence Day.

## ADC WEBSITE "PUBLICATIONS"

The publications section of our website ([www.amdry.com](http://www.amdry.com)) includes a library of all our publications that are available electronically including: Technical Bulletins, Parts Manuals, Installation Manuals, User's Manuals, Addendums, Service Manuals, Price Lists, and Warranty Information. The site is updated weekly as more manuals are made available, this includes both current production and past production manuals.

## AD-30 AND 50 (BELCO OPTION) CONTACTOR CHANGE

As of **April 22, 2003**, the 3-phase contactor used in the Belco single timer option (version) of the AD-30 and AD-50 with a 460v, 3-phase 60 Hz service has changed from **ADC** P/N 132459 ABB contactor, to **ADC** P/N 132495 K-Line contactor. The new K-Line contactor can be used in the field as a replacement, providing the existing ABB mounting plate is replaced with the K-Line mounting plate (**ADC** P/N 322812).



## AD-115 LINT DRAWER CHANGE

As of **March 25, 2003**, the lint drawer assembly on the model AD-115 has changed, where now a removable lint BAG is used. As the result of this change, the lint drawer differs. This new assembly is totally interchangeable with units existing in the field, which were manufactured without a drop in lint BAG.

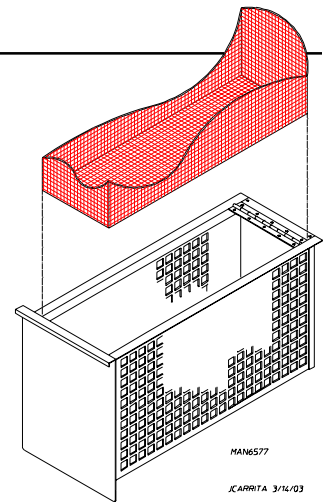
### CURRENT PRODUCTION DRAWER W/BAG

ADC P/N	DESCRIPTION
850948*	LINT DRAWER WITH LINT BAG
820017	LINT BAG

### PREVIOUS TYPE DRAWER

ADC P/N	DESCRIPTION
803023*	LINT DRAWER

\* SPECIFY COLOR WHEN ORDERING.



## AD-25V, D30 RELAY PANEL AND CONTACTOR CHANGE

As of **April 9, 2003**, the contactor and relay panel assembly used on the Phase 5, 6, and dual timer version of the AD-25V, and D30 with 120v, single-phase electric service has changed. Due to a vendor change, the **ADC P/N 132459** ABB contactor has been replaced in production by **ADC P/N 132514** K-Line contactor. As the result of this change, all applicable relay panel assemblies have changed as well, and are noted below.

The **ADC P/N 132459** ABB contactor is still available for purchase as a parts order. Again, this change only affects the 120 volt, single-phase versions of the AD-25V, and D30 with Phase 5, 6, or dual timer controls.

### CURRENT PRODUCTION PANEL ASSEMBLY

819910

### PREVIOUS PRODUCTION PANEL ASSEMBLY

818018

## AD-120 LINT DRAWER CHANGE

As of **March 25, 2003**, the lint drawer assembly on the model AD-120 has changed, where now a removable lint BAG is used. As the result of this change, the lint drawer differs. This new assembly is totally interchangeable with units existing in the field, which were manufactured without a drop in lint BAG.

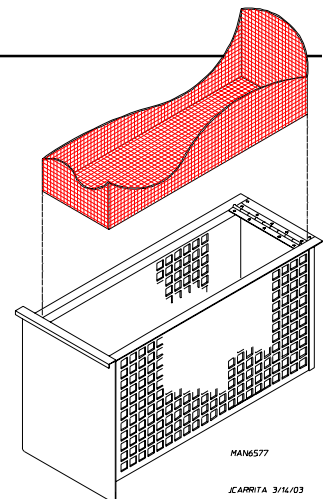
### CURRENT PRODUCTION DRAWER W/BAG

ADC P/N	DESCRIPTION
850950*	LINT DRAWER WITH LINT BAG
820017	LINT BAG

### PREVIOUS TYPE DRAWER

ADC P/N	DESCRIPTION
802106*	LINT DRAWER

\* SPECIFY COLOR WHEN ORDERING.



## AD-50, 75V, 758V, D50, D75, AND CG50-60 RELAY PANEL AND CONTACTOR CHANGE

As of **April 16, 2003**, the contactors and relay panel assembly used on Phase 5 and 6 Microprocessor, and dual timer versions of the AD-50V, AD-75V, AD-758V, D50, D75 and CG50-60 have changed. Due to a vendor change, the ABB contactors have been replaced by Square D devices. As the result of these changes, all applicable relay panel assemblies have changed as well, and are noted below.

The contactors are not interchangeable, and **ADC** will continue to stock replacement contactors for parts orders.

VOLTAGE	CURRENT PRODUCTION		PREVIOUS PRODUCTION	
	CONTACTOR BLOWER	DRIVE PANEL ASSEMBLY	CONTACTOR BLOWER	DRIVE PANEL ASSEMBLY
120V 1PH		132514 818018		132459 819910
208-240V 1PH		132495 818914		132459 818022
208-240V 3PH REV	132495	132497 819916	132459	132458 818028
380-416 *		132495 819918		132459 818020
380-416 3PH REV	132495	132497 819920	132459	132458 818032
460-480V NON-REV		132495 819922		132459 830207

\* ELECTRIC HEAT WITH SINGLE-PHASE MOTOR.

## AD-30V, D40, AND CG30-40 RELAY PANEL AND CONTACTOR CHANGE

The contactors and relay panel assembly used on Phase 5 and 6 Microprocessor, and dual timer versions of the AD-30V, D40, and CG30-40 have changed as of **April 15, 2003**. Due to a vendor change, the ABB contactors have been replaced by Square D devices. As the result of these changes, all applicable relay panel assemblies have changed as well, and are noted below.

The contactors are not interchangeable, and **ADC** will continue to stock replacement contactors for parts orders.

VOLTAGE	CURRENT PRODUCTION		PREVIOUS PRODUCTION	
	CONTACTOR BLOWER	DRIVE PANEL ASSEMBLY	CONTACTOR BLOWER	DRIVE PANEL ASSEMBLY
120V 1PH		132514 818018		132459 819910
208-240V 1PH		132495 819914		132459 818022
208-240V 3PH REV	132495	132497 819916	132459	132458 818028
380-416 *		132495 819918		132459 818020
380-416 3PH REV	132495	132497 819920	132459	132458 818032
460-480V NON-REV		132495 819922		132459 830207

\* ELECTRIC HEAT WITH SINGLE-PHASE MOTOR.

## CG115-25 REVERSING RELAY PANEL AND CONTACTOR CHANGE

As of **April 1, 2003**, the contactors and reversing relay panel assembly used on Microprocessor version of the CG115-25 with 208-240v, 3-phase electric service have changed. Due to a vendor change, the **ADC** P/N 132445 blower contactor has been replaced in production by **ADC** P/N 132514 K-Line contactor. In addition, the ABB reversing contactor **ADC** P/N 132458 has been replaced with **ADC** P/N 132497 K-Line reversing contactor (with suppression). As the result of these changes, all applicable relay panel assemblies have changed as well, and are noted below.

The **ADC** P/N 132445 blower contactor, and **ADC** P/N 132458 ABB reversing contactor are still available for purchase as a parts order. Again, this change only affects the 208-240v, 3-phase versions of the CG115-25 with Microprocessor controls.

CURRENT PRODUCTION PANEL ASSEMBLY  
803485

PREVIOUS PRODUCTION PANEL ASSEMBLY  
803227



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## AD-81 CONTROL DOOR ROD CHANGE

On the model AD-81, the control door rod has changed in length from 12-5/8" (ADC P/N 102502) to 15-3/8" (ADC P/N 102503). The longer control door rod will allow the control panel to swing open without hitting the control door. This change was implemented into production on **January 1, 2003**. The longer control door rod can be used as a direct replacement ONLY for units which when open, the rod secures to the side of the control door flange (refer to the photo).



## AD-30 THRU 75 AND AD-25V THRU 75V MOTOR CONTACTOR CHANGE

The 24v motor contactor used on the 120v, single-phase Phase 7 STEAM models AD-30 through 75, and AD-25V through 75V has changed. In an effort to standardize, the contactor has changed from a 6-amp (ADC P/N 132495) to a 12-amp (ADC P/N 132514) contactor. The 12-amp contactor can be used as a direct replacement for units in the field manufactured with the 6-amp contactor. This change was implemented on **March 25, 2003**. Again, this change only affects the above-mentioned Phase 7 STEAM models manufactured with 120v, single-phase electric service.

## AD-170, D170, CG165-75, CG190-00 225 DEGREE HI-LIMIT CHANGE

The 225 degree hi-limit (located on lint compartment sensor bracket assembly) used in the models AD-170, D170, CG165-75, and CG190-00 has changed from ADC P/N 130112 (side terminations) to ADC P/N 130103 (bottom terminations). The two (2) hi-limits are identical except for the termination placement. The ADC P/N 130103 with bottom terminations can be used as a direct replacement for models in the field manufactured with side termination ADC P/N 130112 hi-limit. This change was implemented into production on **April 23, 2003**.

## AD-30, D3030 50 HZ BELT CHANGE

As the result of a motor pulley change, the 50 Hz 240v, single-phase (non-reverse) version of the AD-30 and D3030 motor to idler belt has changed. This belt has been increased from a 4L-500 (ADC P/N 100110) to a 4L-510 (ADC P/N 100103). This longer belt will provide for more adjustment, and was implemented into production on **April 22, 2003**.

## AD-30, D3030 (50 HZ VERSION) MOTOR PULLEY CHANGE

In an effort to provide better tumbling action when large items are being dried, the motor pulley on the 50 Hz versions of the AD-30 and D3030 has changed. The motor pulley has increased from 2-1/4" to 2-1/2". This change was implemented into production on **March 10, 2003**.

	CURRENT PRODUCTION		PREVIOUS PRODUCTION	
	MOTOR SHEAVE	MOTOR MOUNT ASSEMBLY	MOTOR SHEAVE	MOTOR MOUNT ASSEMBLY
NON-REVERSING	101125	803836	101131	803813
REVERSING	101130	803837	101133	803803

**NOTE:** The motor pulley or motor mount assembly can be changed in the field to the larger diameter pulley. However, for the non-reversing models, the belt (motor to idler) must be changed to a 4L-510 belt (ADC P/N 100103).



## ADS-410 FAN PULLEY/BELT CHANGE

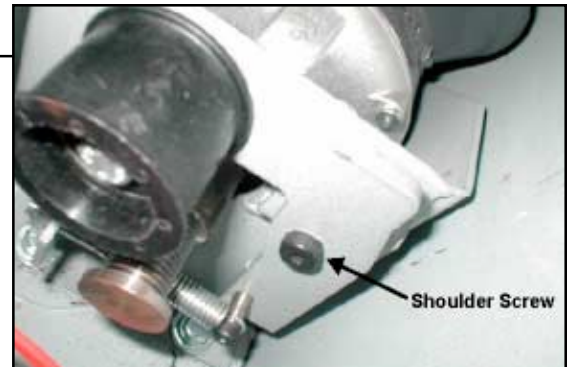
As of **April 3, 2003**, the fan pulley and belt on the AD-410 (steam) has changed. The pulley was changed from a 2B 6.8 (ADC P/N 101175) to a 2B 5.2 (ADC P/N 101202) pulley. In addition, the V-belt has changed from a BX-70 (ADC P/N 100125) to a BX-67 (ADC P/N 100188) belt.

## AD-200, 310, 410, 464, AND 670 RETAINING WHEEL CHANGE

Due to a supplier change, the retaining wheel used on the models AD-200, AD-310, AD-410, AD-464, and AD-670 has changed from ADC P/N 820566 to ADC P/N 180029. The two (2) wheels are NOT interchangeable. The previously used wheel (ADC P/N 820566) is still available as a parts order. This change was made in production on **March 21, 2003**.

## AD-360 IDLER ARRANGEMENT CHANGE

As of **March 18, 2003**, the AD-360 idler adjustment screw (refer to the photo) has changed from a 1/2" length (ADC P/N 154277) to a 3/8" length (ADC P/N 154266). In addition, the idler bracket weldment (ADC P/N 854013) has been slightly redesigned where the new idler weldment (ADC P/N 863003) combined with the shorter adjustment screw will provide for better belt alignment.



## GRIPLOCK BEARING PROPER TORQUE SETTING

*IMPORTANT  
GRIPLOCK BEARING COLLAR SCREW  
MUST BE TORQUED BETWEEN 80-90 INCH-LBS.  
P/N 114107*

Just a reminder that when servicing dryers with the GRIPLOCK bearing, the collar screw must be torqued between 80- and 90-inch pounds. If torqued less than 80, the screw/bearing will not function as designed. Over 90-inch pounds, the collar screw will break. As a reminder in the field, a label has been added to the rear area of each dryer equipped with a GRIPLOCK bearing.

## BLACK MAIN DOOR AND TRIM TOUCH-UP PAINT

We now have touch-up paint available for our BLACK main doors and trim. This BLACK touch-up paint is available in 0.6 oz. bottles and is available from our parts department by ordering ADC P/N 404519.

## AD-30, D40, AND CG30-40 20 kW ELECTRIC CONTACTOR CHANGE

The ADE-30, D40, CG30-40 electrically heated dryers with 20 kW, and 380 thru 416v, 3-phase electric service oven contactor have changed as of **May 1, 2003**. The contactor has changed from ADC P/N 131357 to ADC P/N 131352. Again, this change only affects the above-mentioned models with a 20 kW 380 thru 416 volt electric oven.

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## MAIN LINE BEARING BOX (PLATFORM) CHANGE

For our main line model dryers AD-30 thru 81 (excluding the AD-78), the bearing box (platform) has changed, where the clinch nut for the rotational sensor has been removed, and the hole changed to a slot (refer to the photo). Rather than one (1) nut, the rotational sensor is now secured in place with two (2) nuts (two [2] included with rotational sensor when purchased as a parts order). This allows for easier alignment between the magnet and the rotational sensor. This change was implemented into production on **April 30, 2003**.



## AD-200 AND AD-310 DRIVE WHEEL CHANGE

As of **May 1, 2003**, due to a vendor change, the drive wheels used on the AD-200 and AD-310 have changed from **ADC P/N 180034** to **ADC P/N 821465**. Both wheels are totally interchangeable with each other without any modification whatsoever.

## AD-60 AND AD-78 MAIN DOOR CHANGE

The 37-1/4" main door used on the AD-60 (with Wassalon option), and the AD-78 has changed slightly where the gasket (**ADC P/Ns 102361 [black] or 102362 [white]**) used between the main door and glass has been replaced with silicone. This change was implemented into production on **May 1, 2003**. The 102361 and 102362 gaskets have been obsoleted from our inventory. For replacement in the field, 10.3 oz. caulking type cartridges are available.

CLEAR Silicone.....**ADC P/N 170730**

BLACK Silicone.....**ADC P/N 170731**

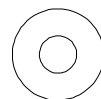
One (1) cartridge includes enough silicone to do a minimum of five (5) doors.

## AD-75, 758, D75, STI-30, AND CG75-85 240V MOTOR CHANGE

As of **May 9, 2003**, the motor used in the 240v, single-phase, 50 Hz version of the AD-75, AD-758, D75, STI-30, and CG75-85 has changed from a 1 hp (**ADC P/N 181050**) motor, to a 3/4 hp (**ADC P/N 181016**) motor. For existing dryers in the field, the 3/4 hp motor can be used as a direct replacement for the 1 hp motor without any modifications whatsoever. Again, this change only affects the 240v, 50 Hz single-phase versions of the above-mentioned dryer models.

## S.A.F.E. WATER CONNECTION

As of **June 13, 2003**, a wired tag with important information is affixed to the water connection of each S.A.F.E. dryer. This tag is a reminder to the installer to provide the correct water supply requirements.



### **IMPORTANT**

#### **CONNECT TO WATER SUPPLY ONLY!**

**WATER SUPPLY PRESSURE MUST BE 40 PSI +/- 20 PSI  
(2.75 bar +/- 1.37 bar) FOR S.A.F.E./F.S.S.  
SYSTEM TO OPERATE PROPERLY.**

ADC P/N: 114110

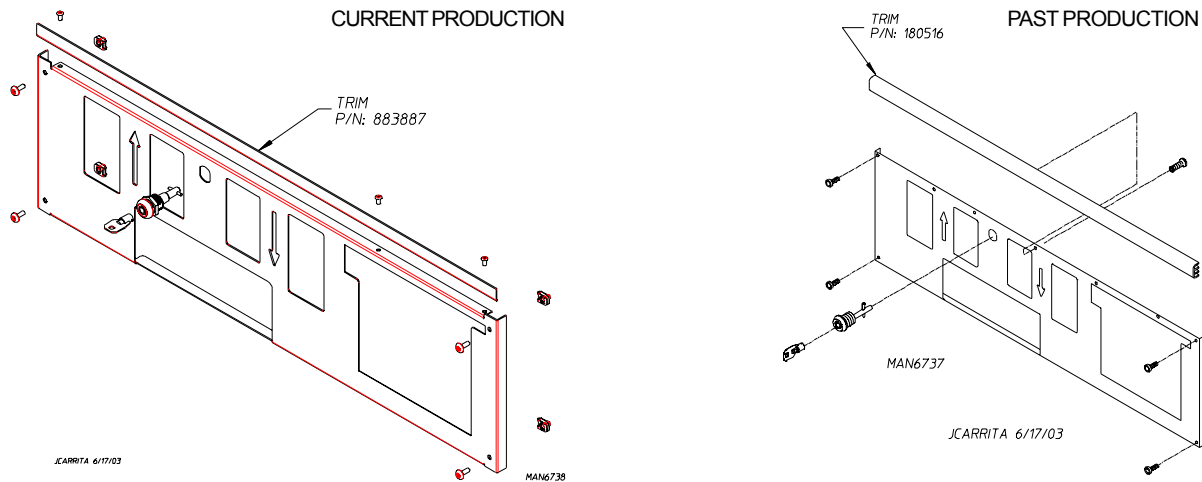


## AD-320 AND AD-330 50 HZ IMPELLOR (FAN) CHANGE

The 50 Hz version of the AD-320 and AD-330, as of **June 5, 2003** are manufactured with 12-1/2" (5/8" Bore) Plastic Impellor (**ADC P/N 883711**) opposed to a 12-1/2" (5/8" Bore) Metal Fabricated Impellor (**ADC P/N 802830**). Again, this change only effects the 50 Hz versions of the AD-320 and AD-330.

## AD-235 AND AD-236 CONTROL DOOR TRIM CHANGE

The black control door trim used on the models AD-235 and AD-236 has changed from **ADC P/N 180516** to **ADC P/N 883887**. The two (2) types of trim are NOT interchangeable, and the previously used trim is still available as a parts order. This change was implemented into production on **June 2, 2003**.



## MAIN LINE BEARING CHANGE FROM GRIPLOCK TO SETSCREW

Due to supply problems, the GRIPLOCK type bearing(s) used on the models AD-30, 758, 75, 81, D75, STI-30, and CG75-85 has changed to bearings with setscrews (Loctited in place). Dryers manufactured with the setscrew type bearing can be identified by the yellow and black label affixed to the back area of the dryer, which states that loctite adhesive was used. This is a temporary change and **ADC** will keep you updated in future bulletins.

## AD-75V REVERSING V-BELT CHANGE

As of **June 23, 2003**, the V-Belt used between the idler and motor pulley on the AD-75 reversing (50 and 60 Hz) model dryer has changed. The belt has been decreased from a 4L-650 (**ADC P/N 100109**) to a 4L-630 (**ADC P/N 100114**). Again, this change affects both 50 and 60 Hz versions of the reversing AD-75V.





## UPDATED ADC PUBLICATIONS CD-ROM (P/N 882206)

**ADC's** newest CD-ROM SET (Rev. 20) is now available (includes 2 CDS), and includes our most current installation, parts, service, and user's manuals. The CD-ROM SET (P/N 882206) can be ordered as a regular parts order at a price of \$3 NET each.

Due to the ever-changing nature of computer file formats, the manuals on this CD-ROM are the **ONLY** ones available in an electronic format. Other manuals not included on this CD may be purchased directly from **ADC** in hard copy form at the prevailing cost shown in our [Parts Price List](#). Changes made to the CD-ROM will be listed in future Technical Bulletins. No CD-ROM updates will be available through **ADC's** website. Only manuals regularly posted on the website will be updated there.

Our Publications CD will be updated and made available quarterly to include changes, updates, and new manuals, as they are made available.

**NOTE:** Once the customer opens the CD envelope and the seal is broken, the CD **cannot** be returned for credit or refund.

## E-MAIL REGISTRATION FORM

**American Dryer Corporation** currently distributes the [Technical Bulletin](#) updates via e-mail. This technology enables us to send [Technical Bulletins](#) to specific individuals who wish to receive the [Technical Bulletin](#) updates. Please feel free to submit as many names for our e-mail file as you wish.

We are asking **ALL** of our customers with e-mailing capabilities to fill out the following form with the e-mail addresses of the staff individuals who should receive the [Technical Bulletins](#). After filling out the form below, please fax the form back to **American Dryer Corporation**, fax number: (508) 678-9447 or e-mail the following information to: [techregis@amdry.com](mailto:techregis@amdry.com).

The [Technical Bulletins](#) will be sent as an e-mail attachment. Acrobat Reader **must be** installed on your computer in order to view and print the file. Acrobat Reader can be downloaded for free from our website: [www.amdry.com/publications/index2.html](http://www.amdry.com/publications/index2.html). *Thank you for your time and cooperation.*

Name: \_\_\_\_\_  
Company \_\_\_\_\_  
Position: \_\_\_\_\_  
E-Mail: \_\_\_\_\_

Name: \_\_\_\_\_  
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