



## **ZEE Systems, Inc.**

### **AIRBORNE AIR CONDITIONING and HEATING**

406 W. RHAPSODY - SAN ANTONIO, TEXAS 78216 U.S.A.  
210-342-9761 - 800-988-COOL - FAX 210-341-2609  
EMAIL info@zeeco-zeesys.com www.zeeco-zeesys.com

## ***SERVICE INFORMATION LETTER SZ43-002-2***

### **A. EFFECTIVITY**

All ZEE Systems Part Number SZ43-002-Series Motor Compressor Condenser (MCC) assemblies. Refer to part number on the unit data plate.

### **B. REASON**

This Service Information Letter will provide a summary of all modifications to the SZ43-002-Series Motor Compressor Condenser Assembly to aid in identification. This Service Information Letter is for reference only.

### **C. COMPLIANCE**

Compliance to be determined by the installer.

### **D. APPROVAL**

This Service Letter has the approval of ZEE Systems Inc. This letter contains reference information and does not require governmental or other regulatory agency approval. The modifications listed are product improvements and do not effect the overall fit, form or function of the SZ43-002-Series Motor Compressor Condenser Assembly.

### **E. MATERIAL COST and AVAILABILITY**

Contact ZEE Systems for current cost and availability at the following address:

#### **Corporate Offices**

ZEE System Inc.  
127 Braniff Dr.  
San Antonio, TX 78216  
USA

TEL: 210-342-1880  
FAX: 210-349-9208  
E-mail: sales@zeeco-zeesys.com

#### **Plant**

ZEE Systems Inc.  
406 W. Rhapsody  
San Antonio, TX 78216  
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SIL SZ43-002-2  
AUG 2002  
ISSUE DATE

Revision 1  
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### **F. SUMMARY OF MODIFICATIONS**

<b>MOD</b>	<b>DESCRIPTION OF MODIFICATION</b>	<b>APPLICABILITY</b>
A	This modification changes the Fan Shaft Assembly from two Fans to three fans. The three fan Fan Shaft Assembly increases the efficiency of the condenser. New production units after 1990 have this modification. REF: Service Letter SZ43-002-1A	ALL
B	This modification allows for turning of the Channel Base Plate. REF: DWG SZ45-021	STC SA4622SW STC SA7738SW
C	This modification allows for the use of a different condenser outlet duct which repositions the opening. REF: DWG SZ45-022	ALL
D	This modification allows for use of a redesigned Base Plate Channel Assy. This Channel is used when Box Assy P/N: SZ57-002-1/-1A is attached to the MCC. This modification specifies the differences in R-12 and R-134a applications. This may also be used to convert SZ43 MCC Assys with Mod D from R-12 to R-134a when installed on the Fairchild Metro III. REF: DWG SZ45-021, REF: DWG SZ57-002, EO 43-002-2	STC SA4618SW
E	This Modification allows for the use of a higher capacity condenser coil. The new coil is 3.5" thick. Existing MCCs may be modified. New production units after 1995 have this modification. REF: DWG SZ43-002	ALL
F	This modification allows for the use of R-134a refrigerant in place of R-12 on SZ43-002-Series MCC units installed under STC SA4622SW. REF: Service Bulletin 43-R134	STC SA4622SW
G	This modification allows for the use of R-134a refrigerant in place of R-12 on SZ43-002-Series MCC units installed under STC SA7738SW. REF: Service Bulletin 54-R134	STC SA7738SW

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- H This modification adds the SZ45-022-3A/-3B Condenser Assembly to the SZ43-002-1ABC MCC Unit. New units manufactured after Aug 1998 will have this modification. REF: EO 45-022-1 STC SA4622SW
- I Skipped
- J This modification allows for the use of the SZ44-030-1B Coil in the SZ45-022-1A/-2A/-3A/-4A Condenser Assemblies. This coil comes fitted with Male Inside O-Ring (MIO) connections. This also gives instructions to convert the MIO connection to Male Flare connections. Condenser Coil Assembly SZ45-022-4B Is added to the SZ43-002-1ABC MCC Assembly. REF: EO 45-022-2 & EO 45-022-3B ALL  
except for STC  
SA4622SW (see Mod. H  
above)
- K This modification gives instructions to make SZ58-019-5 Mount and allows for the installation of 4ea SZ58-019-5 in place of the 1X495 Mount on the SZ43-002-Series MCC. REF: EO 58-019-1 STC SA7738SW
- L This modification gives instructions to make the SZ43-013-5 Plate from the SZ43-013-3 Plate and allows for the installation of the -5 Plate on the SZ43-002-Series MCC. REF: EO 43-013-1 STC SA7738SW
- M This modification gives instructions to make the SZ41-019-9 Spacer and allows for the use of the -9 Spacer on the SZ43-002-Series MCC. REF: EO 41-019-1 STC SA4622SW

### **F. IDENTIFICATION**

1. On the I.D. Plate for the MCC stamp or etch an "X" in the applicable box in the MOD STATUS section. If the original I.D. Plate is damaged ZEE Systems can supply a new I.D. Plate if the serial number of the SZ43-002-Series MCC is provided.

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