

ENGINEERING NOTES

- 51. INFORMATION FURNISHED PER THIS DRAWING IS IN ACCORDANCE WITH AT&T PRACTICES - NONE.
- 52. THIS DOCUMENT CONTAINS COMPLETE ENGINEERING INFORMATION FOR THE SUBJECT EQUIPMENT. JOB INFORMATION SHALL BE RECORDED BY LIST OR GROUP.
- 53. WHEN REPLACING LATCHING FANS ARE BEING ORDERED, PROVIDE 846636017 FAN ASSEMBLY. WHEN REPLACING NON-LATCHING FANS ARE BEING ORDERED, PROVIDE 846967883 FAN ASSEMBLY. (RUB APPLICATIONS)
- 54. THIS LIST HAS BEEN CREATED TO BE AN ORDERING MECHANISM FOR REPLACEMENT FANS.
- 151. THIS LIST IS NOT GENERALLY AVAILABLE, BUT IS INTENDED TO SUPPORT FACTORY OFFLOADS FROM NETWORK SYSTEMS INTERNATIONAL (NSI)

ISSUE NOTES (CONTINUED)

CHG TAG H7312=LISTS 500,501,F1,F2,F3,F4 & G1 ADDED.				
ORIG ISS: 01/25/91		CHANGE CLASS: B		
DRAFT: JJR	ENGR: JJR	SUPV: GJM	CERTIFIED: 09/09/94	ISSUE: 11
CHG TAG PT12=SL ITEMS 1020 & 1320 LINED OUT. SL ITEMS 1021 & 1321 ADDED. LISTS 1,2,A,B,C & D READ STD. LISTS 500,501 F1, F2,F3,F4 & G1 READ LA.				
ORIG ISS: 01/25/91		CHANGE CLASS: M		
DRAFT: JJR	ENGR: JJR	SUPV: GJM	CERTIFIED: 11/01/94	ISSUE: 12
CHG TAG PT13=SHEET B2 REVISED.				
ORIG ISS: 01/25/91		CHANGE CLASS: M		
DRAFT: JJR	ENGR: JJR	SUPV:	CERTIFIED: 06/21/95	ISSUE: 13

ISSUE NOTES

ORIG ISS: 01/25/91		CHANGE CLASS:		
DRAFT: PKK	ENGR: JJR	SUPV: EJZ	CERTIFIED: 01/25/91	ISSUE: 1
SL ITEM 1240 LINED OUT.SL ITEM 1250 READ ED5D507-17,G66A. SL ITEMS 1050,1100 LINED OUT, SL ITEMS 1055,1101 ADDED. SL ITEM 1260 ADDED. SL ITEM 1270 ADDED.				
ORIG ISS: 01/25/91		CHANGE CLASS: M		
DRAFT: JJR	ENGR: JJR	SUPV:	CERTIFIED: 05/06/92	ISSUE: 2
CHG TAG H6876=LIST 2 & SL ITEMS 1091 & 1092 ADDED. CHG TAG PT3=*/ADDED TO SL ITEM 1130.				
ORIG ISS: 01/25/91		CHANGE CLASS: B		
DRAFT: JJR	ENGR: JJR	SUPV: EJZ	CERTIFIED: 09/04/92	ISSUE: 3
CHG TAG H6885=LIST A & SL ITEMS 1001 & 1002 ADDED.				
ORIG ISS: 01/25/91		CHANGE CLASS: B		
DRAFT: JJR	ENGR: JJR	SUPV:	CERTIFIED: 11/16/92	ISSUE: 4
CHG TAG H7027=LIST B,NOTE 15,TABLE JJ ADDED. CHG TAG PT5=SL ITEM 1010 LINED OUT,SL ITEM 1011 ADDED.				
ORIG ISS: 01/25/91		CHANGE CLASS: B		
DRAFT: JJR	ENGR: JJR	SUPV:	CERTIFIED: 03/26/93	ISSUE: 5
CHG TAG PT6=SL ITEM 1280 QTY READ 6. SL ITEM 1055 LINED OUT SL ITEM 1056 ADDED.				
ORIG ISS: 01/25/91		CHANGE CLASS: M		
DRAFT: JJR	ENGR: JJR	SUPV:	CERTIFIED: 07/27/93	ISSUE: 6
CHG TAG H7066=LIST D ADDED.				
ORIG ISS: 01/25/91		CHANGE CLASS: B		
DRAFT: JJR	ENGR: JJR	SUPV:	CERTIFIED: 09/08/93	ISSUE: 7
CHG TAG H7119=LIST C ADDED.				
ORIG ISS: 01/25/91		CHANGE CLASS: B		
DRAFT: JJR	ENGR: JJR	SUPV:	CERTIFIED: 01/14/94	ISSUE: 8
CHG TAG H7152=SL ITEMS 1000,1001,1002,1011,1130,1040,1056,1090 1091,1092 & 1101 LINED OUT. SL ITEMS 1410,1420 & 1430 ADDED. CHG TAG H7175=LISTS 100,101 & NOTE 54 ADDED. CHG TAG PT9=NOTE 13 LINED OUT. SHEETS B1 & B2 UPDATED.				
ORIG ISS: 01/25/91		CHANGE CLASS: B		
DRAFT: JJR	ENGR: JJR	SUPV:	CERTIFIED: 02/11/94	ISSUE: 9
CHG TAG H7211=PROVIDE "DA" EFFECTIVE DATES TO LISTS 1,2,A,B,C,D.				
ORIG ISS: 01/25/91		CHANGE CLASS: ME		
DRAFT: JJR	ENGR: JJR	SUPV: GJM	CERTIFIED: 03/25/94	ISSUE: 10

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REPLACES J5D003FH-1 REPLACED BY J5D003FH-2

BT13

6 FAN
BI-DIRECTIONAL
FAN UNIT

DWG SIZE C2	ISSUE 13
AT&T	J5D003FH-1
SHEET A1 OF 6	

TABLE A-FEATURES											
EQUIPMENT		RAT- ING	LIST OR GROUP	EQUIPMENT OR CIRCUIT DATA					SD EQUIVALENT		
DESCRIPTION	REF NOTE			QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT
ASSEMBLY, WIRING, EQUIPMENT FOR ONE 6-FAN BI-DIRECTIONAL FAN UNIT. DA EFF:11/01/94 RA:J5D003FH-2,L1		DA	1	1	SD5D168-01	1					
EQUIPMENT REQUIRED IN ADDITION TO LIST 1 TO PROVIDE A NON-LATCHING ALARM CIRCUIT FAN FOR RUB. DA EFF:11/01/94 RA:J5D003FH-2,L1		DA	2								
SPECIFY TO REPLACE EXISTING LATCHING FANS.	54		100								
SPECIFY WHEN REPLACING EXISTING NON-LATCHING FANS. (RUB APPLICATIONS)	54		101								
PROVIDES FOR ONE 6 FAN BI-DIRECTIONAL FAN UNIT DA EFF:11/01/94 RA:J5D003FH-2,L1	151	DA	500								
PROVIDES FOR ONE 6 FAN NON LATCHING BI-DIRECTIONAL FAN UNIT DA EFF:11/01/94 RA:J5D003FH-2,L1	151	DA	501								
ASSEMBLY ALWAYS REQUIRED IN ADDITION TO LIST 1. PROVIDES A GLOBAL FAN CASE ASSEMBLY. DA EFF:11/01/94 RA:J5D003FH-2,L1		DA	A								
EQUIPMENT REQUIRED IN ADDITION TO LIST 1 WHEN THIS UNIT MOUNTS IN 5ESS SM2000 CABINETS. (PROVIDES FUSES AND FUSE LABELS) DA EFF:11/01/94 RA:J5D003FH-2,L1		DA	B								
EQUIPMENT ALWAYS REQUIRED IN ADDITION TO LIST 1.(PROVIDES ADDITIONAL AIR FILTERS). DA EFF:11/01/94 RA:J5D003FH-2,L1		DA	C								
EQUIPMENT REQUIRED IN ADDITION TO LIST 1 WHEN THIS UNIT MOUNTS IN 5ESS SM2000 CABINETS. FOR SHARED SM APPLICATIONS. (PROVIDES FUSES AND FUSE LABELS) DA EFF:11/01/94 RA:J5D003FH-2,L1		DA	D								
FINAL ASSEMBLY KIT (FAS KIT) TO MOUNT THE BI-DIRECTIONAL FAN UNIT WITH 6 FEEDS IN A PHASE I CABINET E/W MODULAR FUSE/FILTER UNIT. DA EFF:11/01/94 RA:J5D003FH-2,L1	151	DA	F1								
FINAL ASSEMBLY KIT (FAS KIT) TO MOUNT THE BI-DIRECTIONAL FAN UNIT WITH 3 FEEDS IN A PHASE I CABINET E/W MODULAR FUSE/FILTER UNIT. DA EFF:11/01/94 RA:J5D003FH-2,L1	151	DA	F2								
FINAL ASSEMBLY KIT (FAS KIT) TO MOUNT THE BI-DIRECTIONAL FAN UNIT WITH 6 FEEDS IN A PHASE II CABINET E/W MODULAR FUSE/FILTER UNIT. DA EFF:11/01/94 RA:J5D003FH-2,L1	151	DA	F3								
FINAL ASSEMBLY KIT (FAS KIT) TO MOUNT THE BI-DIRECTIONAL FAN UNIT WITH 3 FEEDS IN A PHASE II CABINET E/W MODULAR FUSE/FILTER UNIT. DA EFF:11/01/94 RA:J5D003FH-2,L1	151	DA	F4								

TABLE-A CONTINUED

TABLE A-FEATURES (CONTINUED)											
EQUIPMENT		RAT- ING	LIST OR GROUP	EQUIPMENT OR CIRCUIT DATA					SD EQUIVALENT		
DESCRIPTION	REF NOTE			QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT
PROVIDES UNIT GUIDE KIT TO MOUNT THE BI-DIRECTIONAL FAN UNIT WITH 3 OR 6 FEEDS IN A GLOBAL PHASE I CABINET. DA EFF:11/01/94 RA:J5D003FH-2,L1	151	DA	G1								
END OF TABLE-A											

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6 FAN
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FAN UNIT

DWG SIZE
C2

ISSUE
13

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J5D003FH-1

SHEET A2
OF 6

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J5D003FH-1

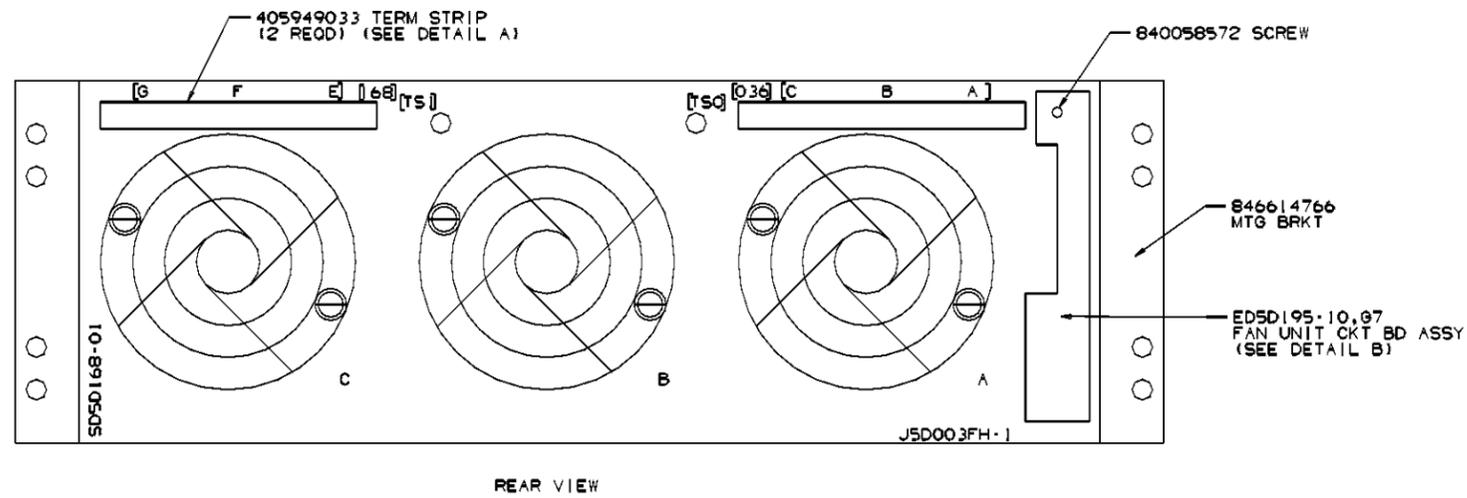
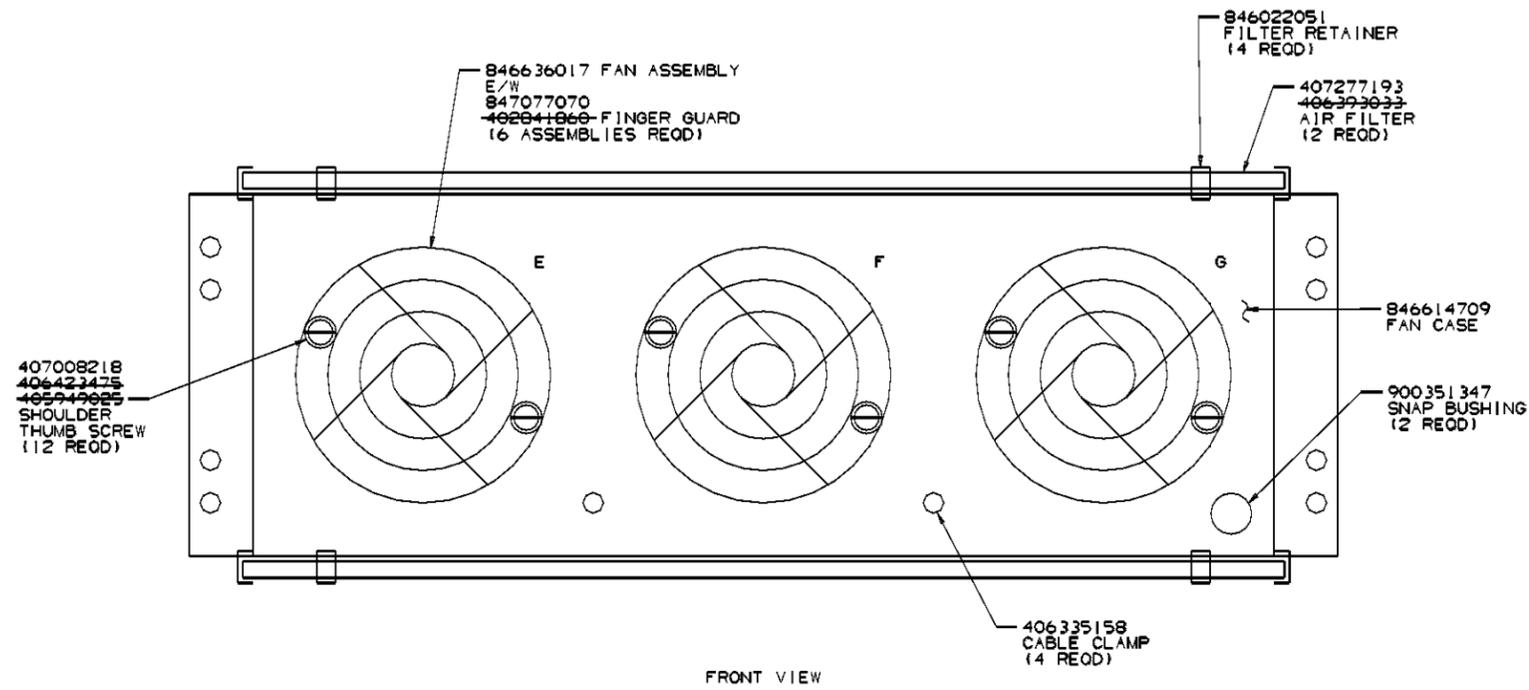
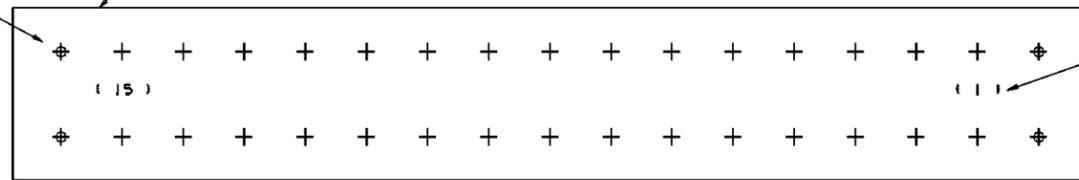


FIG. 1

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6 FAN BI-DIRECTIONAL FAN UNIT	DWG SIZE	ISSUE
	C2	12
AT&T	J5D003FH-1 <small>PRINTED IN U.S.A.</small>	SHEET B1

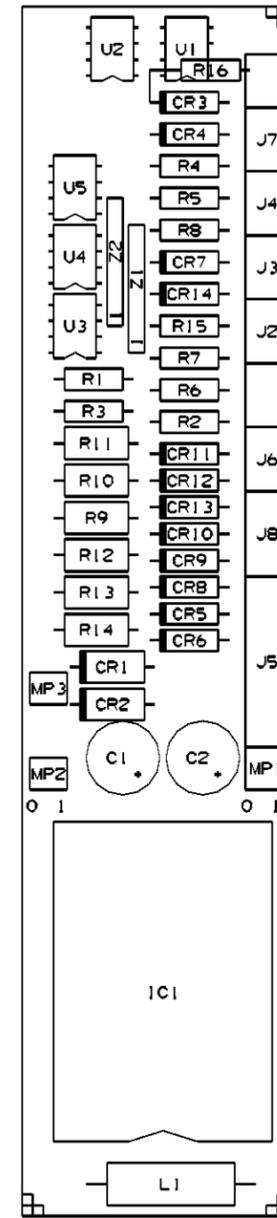
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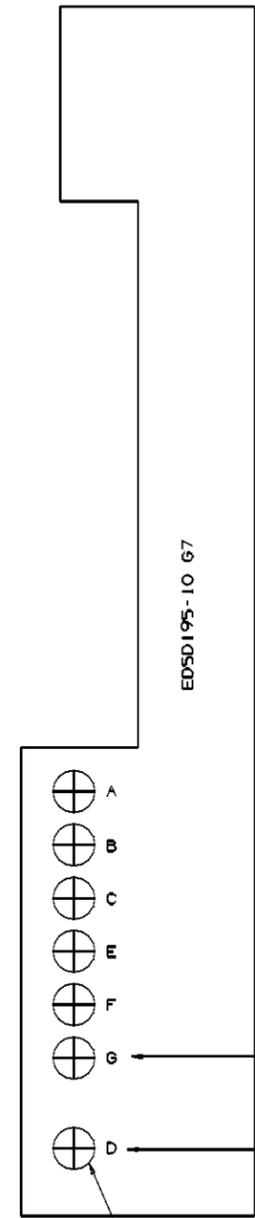
TERMINAL STRIP

DETAIL A

SEE NOTE 13



LEFT SIDE VIEW



FRONT VIEW

B46614782 CKT BD
MTG BRKT

ED5D195-10 G7

STAMP

SWITCH #5A415DW1-2-2
CUTLER HAMMER

DETAIL B
FURNISHED PER
ED5D195-10

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6 FAN BI-DIRECTIONAL FAN UNIT	DWG SIZE	ISSUE
	C2	13
AT&T	J5D003FH-1 PRINTED IN U.S.A.	SHEET B2

STOCKLIST									
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE		
							SYM	NBR	
1000	1	1	846614709		CASE, FAN ASSEMBLY				
1001	A	OMIT	1 846614709		CASE, FAN ASSEMBLY				
1002	A	1	846943454		ASSEMBLY, FAN CASE				
1010	1	6	402841860		GUARD, FINGER #551199 KOLTRON CO /OR EQUIV.				
1011	1	6	847077070		GUARD, FAN				14
1020	1	2	406393033		FILTER, AIR MECHANICAL #UAF252A UNIVERSAL AIR FILTER CO. /OR EQUIV.				12
1021	1	2	407277193		FILTER, AIR MECHANICAL #UAF252A1 UNIVERSAL AIR FILTER CO.				12
1030	1	4	406355158		CLAMP, CABLE, TOP #252-12020700 .48 DIA X .080 WD IN. PASTEX				
1040	1	2	405949033		STRIP, TERMINAL #15-84-2E1F-BIA EBI /OR EQUIV.				
1050	1	12	405949025		SCREW, SHOULDER TRUMB .138-32X2-1/4IN 25/64 HDWI WINDY CITY FASTENERS				
1055	1	12	406423475		SCREW, SLOTTED KNURLED TRUMB #H150362B .138-32 X 2-1/4 CAMCAR TEXAROM				
1056	1	12	407008218		SCREW, PAN HEAD MACHINE #91792A161 .138-32 X 2.5 IN LG STEEL MCMASTER-CARR OR EQUIVALENT				
1070	1	2	900351347		BUSHING #UB875 HEYCO /OR EQUIV.				
1080	1	1	ED5D195-10,G7		ASSEMBLY, FAN UNIT CIRCUIT BOARD				
1090	1	6	846636017		FAN, COOLING UNIT				
1091	2	OMIT	6 846636017		FAN, COOLING UNIT				
1092	2	6	846967883		ASSEMBLY, FAN				
1100	1	8	405949041		RIVET, PLASTIC #201-101241-00 IIN PASTEX				
1101	1	8	901215210		RIVET, BUTTON #7050-300-00 PRE-STARTED IIN LINK				
1110	1	1	840058572		SCREW, PAN HEAD MACHINE .138-32 X 1/4 STEEL 289A FINISH				
1120	1	4	846022051		FILTER, RETAINER				
1130	1	2	846614766		BRACKET, MOUNTING				*/
1140	1	1	ED5D507-19,G1B		ASSEMBLY, CABLE				
1150	1	1	ED5D507-19,G2B		ASSEMBLY, CABLE				
1160	1	1	ED5D507-19,G3B		ASSEMBLY, CABLE				
1170	1	1	ED5D507-19,G4B		ASSEMBLY, CABLE				
1180	1	4	ED5D507-17,G64		ASSEMBLY, CABLE				
1190	1	4	ED5D507-17,G65		ASSEMBLY, CABLE				
1200	1	1	ED5D507-17,G64B		ASSEMBLY, CABLE				
1210	1	1	ED5D507-17,G65B		ASSEMBLY, CABLE				
1220	1	1	ED5D585-15,G21C		ASSEMBLY, CABLE CONNECTORIZED				
1230	1	1	ED5D585-15,G20		ASSEMBLY, CABLE CONNECTORIZED				

STOCKLIST CONTINUED ON SHEET D2

SHOP
IN
ST

MANUFACTURING NOTES

1. X PARTS REQUIRED FOR INSTALLATION.

X/ PARTS REQUIRED FOR MANUFACTURE WHEN EQUIPMENT IS SHOP MOUNTED OR BY THE INSTALLER WHEN THE EQUIPMENT IS TO BE FIELD MOUNTED.

* PARTS THAT ARE TO BE SHIPPED ATTACHED TO OR ENCLOSED IN THE SAME CONTAINER WITH THE ASSOCIATED ASSEMBLED ITEM.

*/ PARTS (A) REQUIRED FOR MANUFACTURE WHEN EQUIPMENT INVOLVED IS SHOP MOUNTED OR (B) TO BE SHIPPED ATTACHED TO, OR ENCLOSED IN THE SAME CONTAINER WITH THE ASSOCIATED ASSEMBLED ITEM WHEN FIELD MOUNTED.

() INDICATES DESIGNATIONS TO BE STAMPED IN ACCORDANCE WITH JOB INFORMATION.

{ } INDICATES DESIGNATIONS SHOWN FOR INFORMATION ONLY AND ARE NOT TO BE STAMPED.

< > INDICATES DESIGNATIONS AND/OR INFORMATION PROVIDED IN ACCORDANCE WITH OTHER INFORMATION.

"W" PARTS ASSEMBLED AT THE SAME TIME THE EQUIPMENT IS MOUNTED.

"W*" PARTS TO BE (A) SHOP ASSEMBLED, BUT WHICH CANNOT BE ASSEMBLED UNTIL THE ASSOCIATED EQUIPMENT IS BEING MOUNTED, OR (B) SHIPPED ATTACHED TO, OR ENCLOSED IN THE SAME CONTAINER WITH THE ASSOCIATED EQUIPMENT WHEN FIELD MOUNTED.

"S" PARTS NOT ASSEMBLED, SHIPPED SEPARATELY.

A/R AS REQUIRED.

"B" PARTIAL ASSEMBLIES ON OTHER DRAWINGS WITH STOCKLISTS.

- X X 12. FILTER DIMENSIONS ARE 13.87X24.37X4.37.
- X X 13. \$TERMINAL NUMBERS SHALL BE STAMPED ON THE TERMINAL BOARD IN CONTRASTING COLOR.\$
- X X 14. WHEN USING FINGER GUARD WITH R18 BRACE, PLACE ON FAN WITH R18 BRACE ON THE OUTSIDE.
- X X 15. THE COMCODES SHOWN IN THE STOCKLIST IDENTIFICATION FIELD REFERENCE BY THIS NOTE ARE NOT THE INDIVIDUAL OR SINGULAR COMCODE FOR THE PART DESCRIBED BUT ARE THE FACTORY'S ORDERING COMCODE. TABLE JJ CONTAINS THE FACTORY'S ORDERING COMCODE FOR THE DESCRIBED PART AND THE EQUIVALENT SINGULAR/INDIVIDUAL COMCODE THAT MAY BE REQUIRED BY AN INSTALLER, CUSTOMER, REGIONAL LINE ENGINEER, OR A CLASS A CHANGE NOTICE.

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BT13

6 FAN
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FAN UNIT

DWG SIZE C2
ISSUE 13

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SHEET D1
OF 6

STOCKLIST								
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
1240	1	3	ED5D507-17,G66		ASSEMBLY, CABLE			
1260	1	1	ED5D507-19,G5		ASSEMBLY, CABLE			
1270	1	12	840026835		SCREW, TTF SLOTTED HEX, WASHER HD .216-24 X 5/8 TAPPING TYPE (SWAGE FORM) STEEL ZINC PLATE 289A FINISH		*/	
1280	B	3	406693895	WP91768L108	FUSE, 3.00 AMP FAST ACTING		*/	15
1290	B	1	ED5D088-12,G43		LABELS, FUSE		*/	
1300	B	1	ED5D088-12,G44		LABELS, FUSE		*/	
1310	B	1	ED5D088-12,G45		LABELS, FUSE		*/	
1320	C	2	406393033		FILTER, AIR MECHANICAL #UAF252A UNIVERSAL AIR FILTER CO.		S	
1321	C	2	407277193		FILTER, AIR MECHANICAL #UAF252A1 UNIVERSAL AIR FILTER CO.		S	
1330	D	OMIT 1	ED5D507-19,G5		ASSEMBLY, CABLE			
1340	D	6	406693895	WP91768L108	FUSE, 3.00 AMP FAST ACTING		*/	15
1350	D	1	ED5D088-12,G39		LABELS, FUSE		*/	
1360	D	1	ED5D088-12,G40		LABELS, FUSE		*/	
1370	D	1	ED5D088-12,G41		LABELS, FUSE		*/	
1380	D	1	ED5D088-12,G46		LABELS, FUSE		*/	
1390	D	1	ED5D088-12,G47		LABELS, FUSE		*/	
1400	D	1	ED5D088-12,G48		LABELS, FUSE		*/	
1410	A	1	ED5D796-10,G6		FAN, PARTIAL ASSEMBLY			
1420	2	OMIT 1	ED5D796-10,G6		FAN, PARTIAL ASSEMBLY			
1430	2	1	ED5D796-10,G7		FAN, PARTIAL ASSEMBLY			
1500	100	1	846636017		FAN, COOLING UNIT			
1510	101	1	846967883		ASSEMBLY, FAN			
5000	500	1	847096153		ASSEMBLY, SHELF			
5010	501	1	847315033		ASSEMBLY, SHELF			
5020	F1	1	847306099		KIT, FINAL ASSEMBLY			
5030	F2	1	847149440		KIT, FINAL ASSEMBLY			
5033	F3	1	847323532		KIT, FINAL ASSEMBLY			
5036	F4	1	847271434		KIT, FINAL ASSEMBLY			
5040	G1	1	847196789		KIT, MOUNTING UNIT GUIDE FOR MID-FAN TYPE APP MTG			

***** END OF STOCKLIST *****

JJ

TABLE JJ STOCKLIST ORDERING COMCODES TO INDIVIDUAL/SINGULAR COMCODE CROSS REFERENCE		
STOCKLIST ORDERING COMCODE	INDIVIDUAL/SINGULAR COMCODE	COMMENTS
406693895	406747535	

@

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