



**UNITED
TECHNOLOGIES
CARRIER**

Replacement Components Division
Carrier Corporation

BULLETIN: C9311
DATE: 6/17/93
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SERVICE BULLETIN

SUBJECT: THE 3200MP COMPLETE PARTS LISTING
ALL 3200MP BASED CONTROLS

SUPERSEDE
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THE COMPLETE 3200MP PARTS LISTING

AS OF 6-17-93

SINGLE COMPRESSOR ITEMS:

Processor Board
Memory Expansion Board
ESP II Panel
ESP II Panel Backboard (for retrofit)
Single Compressor EPROM:
 Processor
 Memory Exp
 ESP
EPROM Kit (Contains Above EPROMS)
OPT-PAK (ESP I only - All Options)
Display Code Label
Control Cabinet Wiring Diagram Label
Ribbon Cable
I/O Board
S/D Board

ESP I

32MP400974
32MP400954

HK98EZ101
HK98EZ017
HK98EZ023
32MP660018
32MP400023
19DR516-1113
19DR516-1244
HY20HS005
HK35EZ002
HK35EZ003

ESP II

32MP400974
32MP400954
32MP400934
HK35EZ012

HK98EZ101
HK98EZ111
HK98EZ121
32MP660016



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DUAL COMPRESSOR ITEMS:	ESP-I VOID	ESP II
Processor Board		32MP400974
Memory Expansion Board		32MP400954
ESP II Panel		32MP400934

****NOTE**** For Dual Compressor Boards, You MUST also order EPROMS for them!

Dual Compressor EPROMS:

Processor	HK98EZ131
M/X Board	HK98EZ141
ESP II	HK98EZ151
EPROM Kit (Contains Above EPROMS)	32MP660017
Display Code Label	19DR516-1123
Control Cabinet Wiring Diagram Label	19DR516-1224
Ribbon Cable	HY20HS006
I/O Board (Single or "A" Compressor)	HK35EZ002
(B Compressor)	HK35EZ008
Analog Expansion Board	HK35EZ009
Oil Pump Interlock Relay (K3)	HN61KK041

OTHER CONTROL CABINET PARTS:

Power Light	HY19UC019
Alarm Light	HY19UC014
Trifurcon Pin Terminal	HY57MP008
Pin and Terminal Housing Kit	32MP660015
Hour Meter 60HZ	HK28DG115
50HZ	HK28DG116
Power Transformer	HT01BE115
Shield Bead (Carbon Doughnut) -	
115 Volt power (3/4 I.D.)	HK99EZ001
Shield Bead - Sensor Wiring (1/2 I.D.)	HK99EZ002
K2 Aux. Alarm Relay Package	32MP400393
S/D panel Internal Cabinet Mounting Brackets	
- Top	19EB516-1102
- Bottom	19EB516-1112
ESP installation Wiring Harnesses	
(Power & Comm. lines)	32MP400272
Ribbon Cable Support Clamps (Adhesive Back)	AS84ZZ101
Resistor (for Cond. Temp. Sensor on 19EB)	19EB516182
Capacitor (for alarm light load)	19EB516222
DIP Switch Tag	19EB416-1202
Purge Relay	HN61KP008
Service Package (Xtra Fuses, Pot tweaker, etc.)	19EB416173



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CCN Wiring Terminal Strip
Retrofit Kit door lock
Start or Stop pushbutton (located on
S/D or ESP boards)
Control Panel door lock

HY84EF002
32MP680001

HT204696-1
KA19NL010

REMOTE ESP PARTS:

Remote ESP Power Switch
Remote ESP Alarm Light
Remote ESP Transformer

HR52TA002
HY19MM015
HT01BD115

TEMPERATURE SENSORS:

DK/DM Thrust Sensor
1/8" NPT x 0.56" sensor length
EB/FA Thrust Sensor
1/4" NPT x 1.50" sensor length
Motor Sensor
Temp Sensor - 3" Sensor with 240" cable
(NO LONGER AVAIL)
Temp Sensor with Ferrule & Nut
Temp Sensor With Compression Fitting
Temp Sensor With Thermowell
Temp Sensor - 3" Sensor with 420" cable
Compression Fitting 1/8"MPT x 3/16"ODT

HH79NZ045
HH79NZ050
32MP500354
HH79NZ022
HH660 101
32MP400333
32MP400353
HH79NZ024
DC99RA015

INCLUDES:

-Ferrule for Compression Fitting
-Nut for Compression Fitting

DC680 001
DC680 002

Well for Temp Sensor (with 1/8" NPT x 2.75"
insertion depth)
Temp Sensor - Outside Air type
Temp Sensor - 8.5" Sensor with 360" cable
Temp Sensor - 11.5" Sensor with 360" cable
Temp Thermowell - 6" insertion
Temp thermowell - 9" Insertion

19EF501-1212
HH79NZ023
19EB99 301 2
19EB99 301 3
17PN06 1091 2
17PN06 1091 3



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CONTROL PANEL PRESSURE GUAGES:

30"- 0 -30# (white dial 3.69") All guages have	KM03AF301
30"- 0 -60# (white dial 3.69") metric values on	KM03AF302
30"- 0 -30# (Black dial 3.69") the dial face	KM03AF303
30"- 0-100# (White dial 3.69") as well.	KM03AF336
30"- 0-200# (White dial 3.69")	KM03AF361
30"- 0-300# (White dial 3.69")	KM03AF362
30"- 0-300# (Black dial 3.69")	KM03AF363
Oil pressure guage & switch	KM05BW222

RETROFIT APPLICATION PARTS:

Control Panel without ESP	60HZ (R11 Guages)	19DR660012
	50HZ "	19DR660013
Control Panel with ESP II	60HZ "	19DR660014
	50HZ "	19DR660015
Control Panel Without ESP	60HZ (High Press Guages)	19EB660001
	50HZ "	19EB660002
Control Panel with ESP II	60HZ "	19EB660003
	50HZ "	19EB660004
3200MP RetroKit		32MP660006B

FINISHED GOODS PART NUMBERS:

(not available through RCD, contact Carrier Sales)

32GA LEAD/LAG Panel (Lead/Lag of 2 DR's or 1 DR & 1 DK/DM)	32GA900071
32GA panel Temp Sensors - Immersion (4 sensors & 4 wells)	32GA900081
- Strap-on (4 Sensors & Insulation)	32GA900091
ESPII Local Mount Installation Kit (Single Compressor)	32MP900961
(Dual Compressor)	32MP900971
ESPII Remote mount Installation Kit (Surface Type -Single comp)	32MP900921
(Surface Type -Dual comp)	32MP900931
(Recessed Type -Single Comp)	32MP900901
(Recessed Type -Dual comp)	32MP900911
DataLogger - Program Disk, Users Manual, Hardware Clock --See your	
- Interface Device and RS-232 cable	Local Direct
- Versanet Expander (AT Communication Bus ONLY)	Salesperson
- Latest Datalogger Version is 3.0	



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SPECIAL TOOLS AND PARTS:

Pneumatic Interface For Retrofits with
Pneumatic Guide Vanes:

- Contact TRIAD Technologies at 404-242-1922

CC-9900-T

Crimping Tool for Pin Terminal Connectors:

- Manufactured by Paladin Corp.
- Available through the Jensen Catalog

PA1645
487B645

Discrete ON/OFF switch for 32MP sensors
on 32SM Controls:

- See Bulletin #C8813
- Athena controls (Thermal Systems
315-455-5544)
- Fenwal Inc. (617-881-2000)

83AB-124
19-524005-701

LITERATURE:

3200MP Retrokit S.O.M. (Startup, Oper, Maint)	(11/90)	808-009
3200MP Retrokit Installation	(11/90)	571-103
17/19 32GA Lead/lag Control Panel I.S.O	(4/87)	533-209
32MP Control Fam. & Oper. (Service Training)	(1985)	021-006
32MP Control Startup & Troubleshooting	(1985)	021-008
32MP ESP II Application & Operation	(1991)	021-013
ESP I S.O.M.	(8/87)	533-210
ESP II S.O.M.	(3/89)	533-211
ESP Installation - Remote mount	(2/89)	533-212
ESP Installation - Local Mount	(7/85)	533-205
19DK S.O.M.	(3/87)	531-919
17DK S.O.M.	(9/87)	531-708
19DM S.O.M.	(5/87)	531-962
17DM S.O.M.	(9/87)	531-707
19DR w/ DK S.O.M.	(4/91)	531-923
19DR w/ DM S.O.M.	(4/91)	531-926
17DR w/ DK S.O.M.	(10/90)	531-713
17DR w/ DM S.O.M.	(12/87)	531-704
19EB S.O.M.	(11/84)	531-910