
Marine Air

Digital Controls



Elite (B. Revisions)



- ★ VTD, VCD, CSD, SVCD, CMCD, AH Passport I/O
- ★ Production Years: 2008 - Present



Elite (A. Revisions)



- ★ VTD, VCD, CSD, SVCD, CMCD, AH Passport I/O
- ★ Production Years: 2003 - 2008



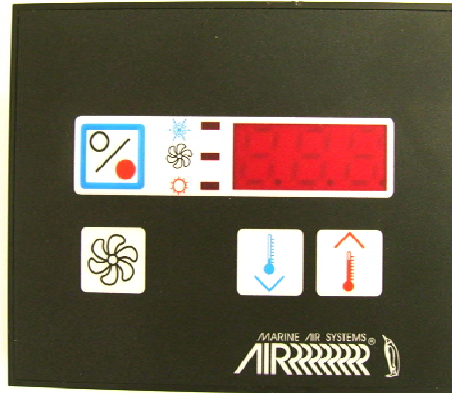
Passport I/O (Compact)



- ★ VTD, VCD, CSD, SVCD, CMCD, AH Passport I/O, Radome
- ★ Production Years: 2008 - Present



Passport I/O



- ★ VTD, VCD, CSD, SVCD, CMCD, AH Passport I/O, Radome
- ★ Production Years: 2003 - Present



Passport I/O Circuit Board For use with Elite & Passport I/O




Older Revision

Newer Revision




Passport II Display



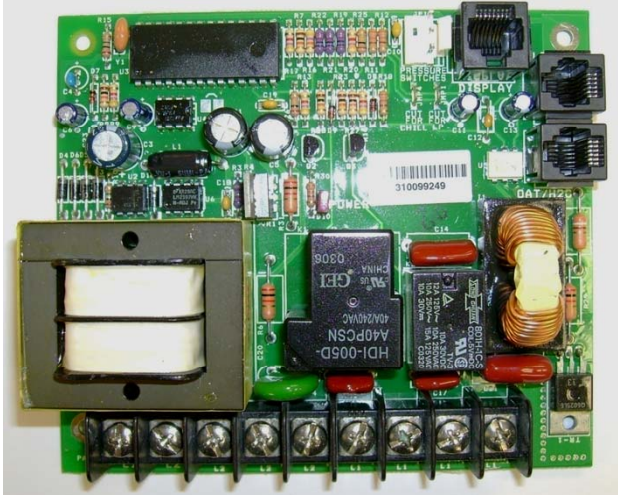
The image shows a black rectangular display unit with several icons: a fan, a temperature gauge, a red bar graph, a fan with a gear, a fan with a downward arrow, and a fan with an upward arrow. The 'MARINE SYSTEMS' logo is at the bottom.

- ★ Production Years: 1996 – Present
- ★ 1996 – 1999 CMP
- ★ 1996 – 2000 CSP
- ★ 1996 – 1998 VRP
- ★ 1997 – 1998 VHP 24K
- ★ 1998 – VCP
- ★ 2000 – CMCP
- ★ 1996 – AH Passport


- ★ Controller Identification: Identical to Passport, EXCEPT there is NO penguin.
- ★ Board Identification: Identical to Passport, EXCEPT screw on connections.

Page 7


Passport II Circuit Board



The image shows a green printed circuit board (PCB) populated with various electronic components. Key components include a large transformer, a microcontroller chip labeled 'HDI-005D', a memory chip labeled 'A40PCSN', and a display connector labeled 'DISPLAY'. A barcode with the number '310099249' is visible on the board.

Page 8




The image shows a black rectangular Passport controller unit. It features a digital display at the top right showing a red bar. Below the display are four touch buttons: a fan icon, a downward arrow with a thermometer, an upward arrow with a thermometer, and a fan icon. At the bottom, the text 'MARINE AIR SYSTEMS' and a stylized 'AIR' logo with a small penguin are visible.

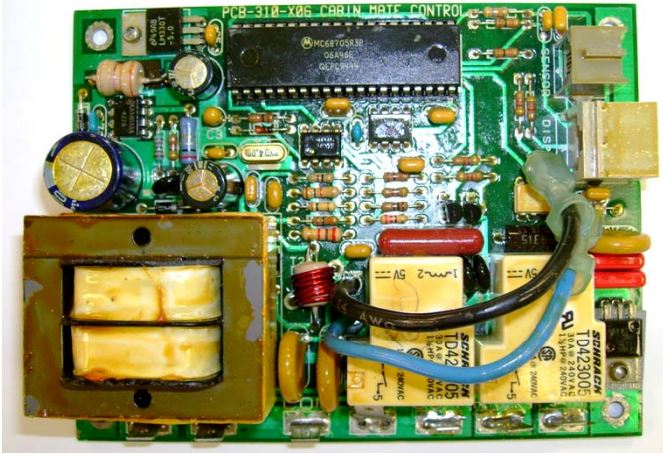
Passport

- ★ Production Years: 1990 – 1996
- ★ 1990 – 1995 CME (Rotary)
- ★ 1994 – 1995 CSE
- ★ 1994 – 1995 VHE
- ★ 1995 – 1996 CMP
- ★ 1995 – 1996 CSP
- ★ 1995 – 1996 VHP24
- ★ 1995 – 1996 VRP


- ★ Controller Identification: “Marine Air Systems” on the bottom with small penguin.
- ★ 4 Soft Touch buttons with universal ID logos.
- ★ Board Identification: Push on spade terminals.

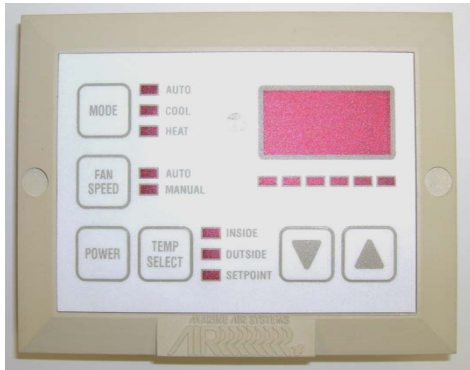
Page 9


Passport Circuit Board



The image shows a green printed circuit board (PCB) labeled 'PCB-310-X06 CABIN HEAT CONTROL'. It is populated with various electronic components including a large black integrated circuit (IC) labeled 'MICRO5000M', several electrolytic capacitors, resistors, and a transformer. A blue ribbon cable is connected to the board. The board is mounted on a metal base.

Page 10




ECU MAXX Display


- ★ Production Years: 1993 – 1997
- ★ 1993 – 1995 CST
- ★ 1993 – 1995 VHT
- ★ 1995 – 1997 CSX
- ★ 1995 – 1997 VHX24
- ★ 1995 – 1997 VRX

- ★ **Controller Identification:**
6 Soft Touch Buttons: Mode, Fan, Speed, Power, Temp Select, Up & Down
8 LED's: Auto, Cool, Heat, Auto, Manual, Inside, Outside & Setpoint)
- ★ **Board Identification:**
Screw on terminals (14 connectors) and 4 heat sinks on aluminum plate.



ECU MAXX Circuit Board





ENVIRONMENTAL CONTROL UNIT

MARINE AIR SYSTEMS
AIR


ECU Display


- ★ Production Years: 1990 – 1994
- ★ 1990 – 1991 CME 24K
- ★ 1990 – 1994 CSE
- ★ 1990 – 1991 VRE
- ★ 1991 – 1994 VHE

★ **Controller Identification:**
“Environmental Control Unit”; Soft Touch Buttons; Arrows on buttons for touch control; “Power” and “Fan” on buttons; Marine Air System logo with small penguin.


★ **Board Identification:** Push-on spade terminals and fuses on bottom of the board.

Page 13






ECU Circuit Board





FRM-300-X08

WARNING
110 VOLT ONLY

Page 14








The image shows a black rectangular control panel for a marine air system. At the top left is the 'XTC' logo. To its right, the text 'TEMPERATURE CONTROL' is printed. Below the logo are four red LEDs labeled 'HEAT', 'COOL', 'FAN', and 'SERVICE'. In the center is a red digital display labeled 'TEMPERATURE'. Below the display are two black push buttons labeled 'FAN' and 'UP'. At the bottom are two more black push buttons labeled 'POWER' and 'DOWN'. On the left side, there are six red LEDs labeled '1' through '6' under the heading 'FAN SPEED'. At the bottom center, the 'MARINE AIR SYSTEMS AIR' logo is visible, featuring a small penguin icon.

XTC Display

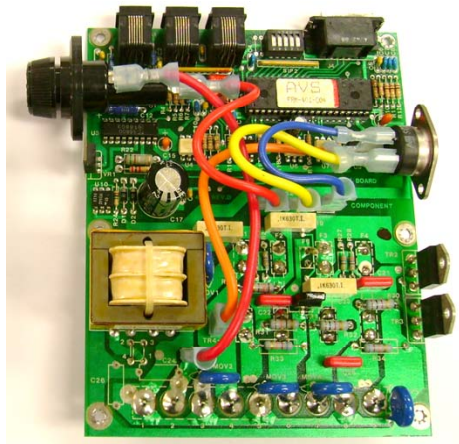
- ★ Production Years: 1990 – 1991
- ★ 1990 – 1991 CS
- ★ 1990 – 1991 VR

- ★ Controller Identification:
“XTC Temperature Control”; Marine Air System logo with small penguin; 4 push buttons; 4 LED's (Heat, Cool, Fan, Service); 6 LED's indicating fan speed
- ★ NO Parts Available

Page 15




The footer contains a blue banner with the Dometic logo on the right and a series of small photos on the left showing various marine scenes: a sailboat, people on a boat, and a motorboat.



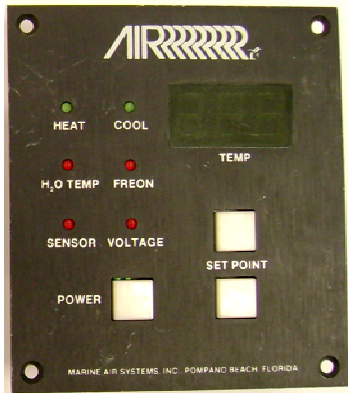
The image shows a green printed circuit board (PCB) for the XTC system. It is populated with various electronic components including integrated circuits, resistors, capacitors, and a transformer. Several colored wires (red, yellow, blue, green) are connected to the board. A large black potentiometer is visible on the left side. The board is mounted on a white surface.

XTC Circuit Board

Page 16



The footer contains a blue banner with the Dometic logo on the right and a series of small photos on the left showing various marine scenes: a sailboat, people on a boat, and a motorboat.



MTC-X Display

- ★ Production Years: 1987 – 1990
- ★ 1987 – 1989 C**H/F
- ★ 1987 – 1989 C**H-RE/F
- ★ 1988 – 1989 VR**K-H/F
- ★ 1989 – 1990 C**C/H/F
- ★ 1989 – 1990 VR**K-C/H/F

- ★ **Controller Identification:**
 Marine Air System on top of controller with penguin
 6 LED's (Heat, Cool, Pump, Freon, Sensor, Voltage) and 3 Buttons (Power, 2 Set Point)
- ★ **NO Parts Available**



MTC-X Circuit Board

