

REPLACEMENT PARTS MANUAL

PACKAGED AIR CONDITIONER AND HEAT PUMP HEATER PACKAGES MODEL EH3RA

Manual 2110-303

Revision --

Date 8-09-89

Supersedes

* GENERAL NOTES *

*Revised and/or additional pages may be issued from time to time.
*A complete and current manual consists of pages dated as shown in the following index.

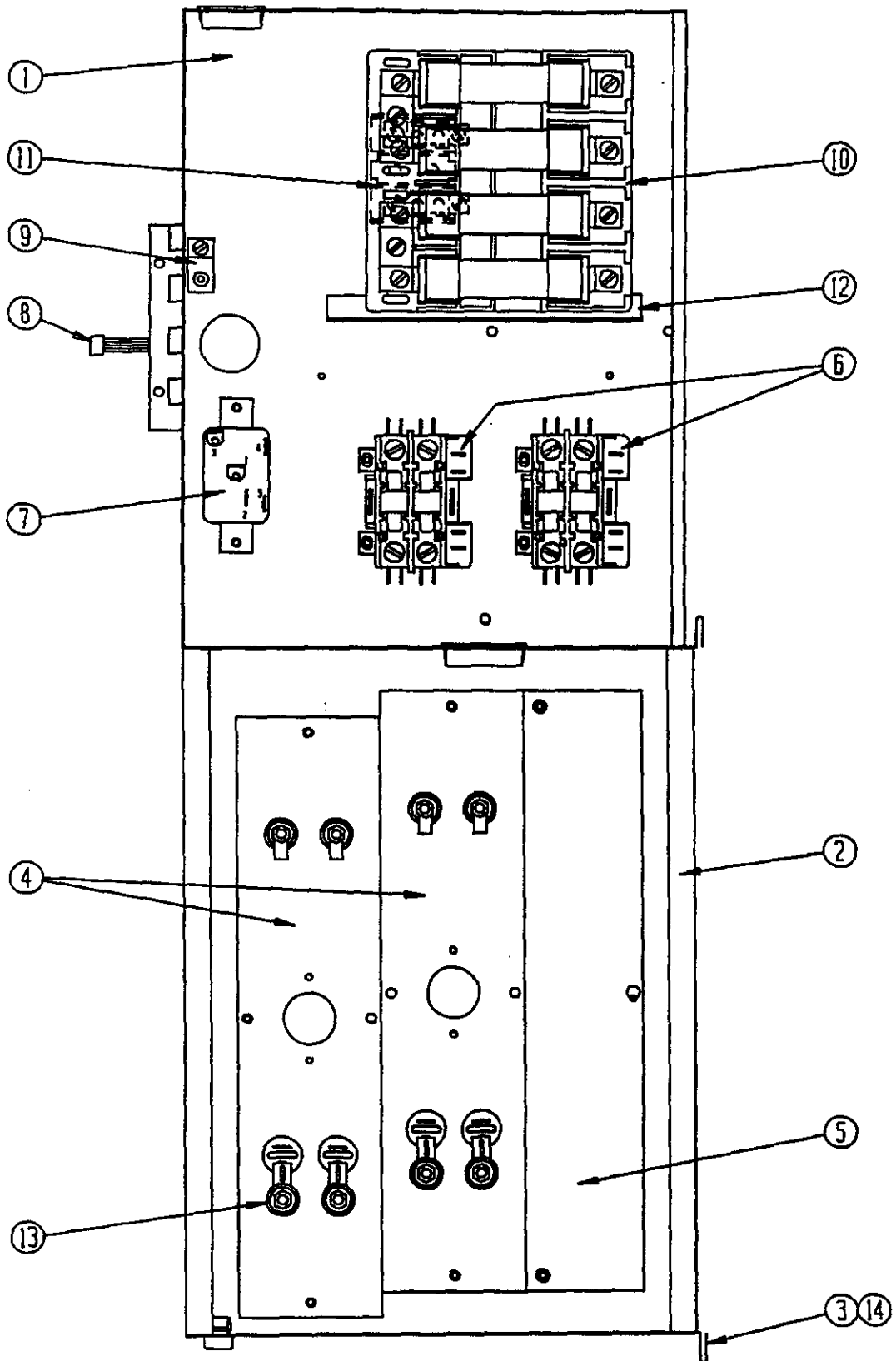
** INDEX **

| <u>Page Description</u> | <u>Page</u> | <u>Date</u> | <u>Supersedes</u> |
|---|-------------|-------------|-------------------|
| Functional Components--A series--Layout | 1 | 8-09-89 | |
| " " --Usage List | 2 | 8-09-89 | |
| Functional Components--B and C series--Layout | 3 | 8-09-89 | |
| " " --Usage List | 4 | 8-09-89 | |

*** IMPORTANT ***

Contact the installing and/or local Bard distributor for all parts requirements. Make sure you have the complete model and serial number available from the unit rating plate.

FUNCTIONAL COMPONENTS



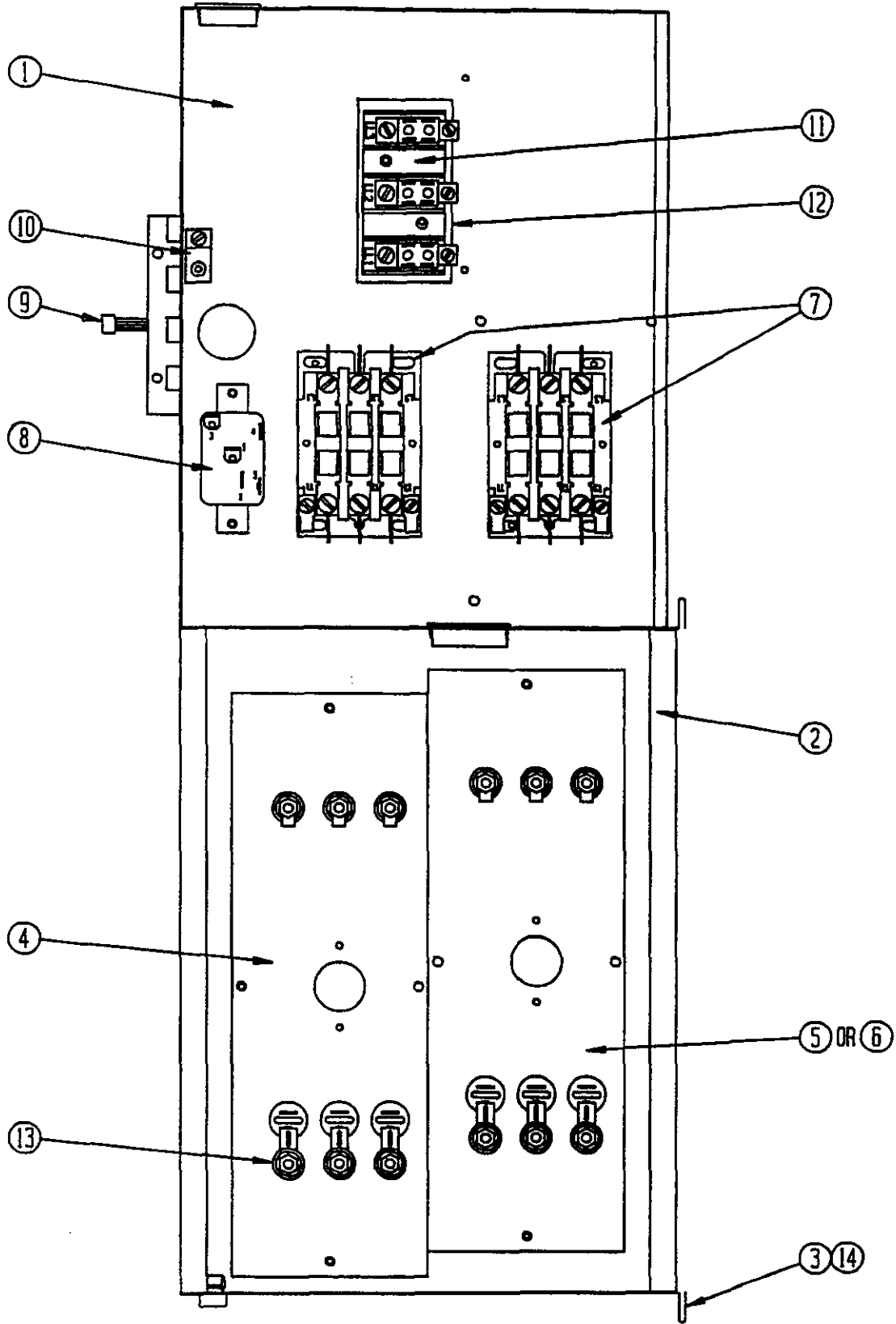
Date: 8-09-89
Supersedes:

FUNCTIONAL COMPONENTS

| Dwg. No. | Part No. | Description | E H 3 R A A 0 5 | E H 3 R A A 0 5 | E H 3 R A A 0 5 | E H 3 R A A 0 5 |
|----------|----------|--|---|---|---|---|
| 1 | 117-092 | Control Panel | X | X | X | X |
| 2 | 134-059 | Heater Box Side | X | X | X | X |
| 3 | 134-058 | Heater Box Wrapper | X | X | X | X |
| 4 | 8604-023 | Heat Strip 5KW | X | | | |
| 4 | 8604-024 | Heat Strip 10KW | | X | | 2 |
| 4 | 8604-025 | Heat Strip 15KW | | | X | |
| 5 | 136-024 | Fill Plate | X | X | | |
| 5 | 136-025 | Fill Plate | | | X | |
| 5 | 136-026 | Fill Plate | | | | X |
| 6 | 8401-006 | Contactors | X | X | 2 | 2 |
| 7 | 8401-008 | Blower Relay | X | X | X | X |
| 8 | 3000-909 | Wire Assembly | X | X | | |
| 8 | 3000-910 | Wire Assembly | | | X | X |
| 9 | 8611-006 | Ground Terminal | X | X | X | X |
| 10 | 8614-017 | Fuse Block | | | X | |
| 10 | 8614-018 | Fuse Block | | | | X |
| 11 | 8607-013 | Terminal Block | X | X | | |
| 12 | 134-073 | Fusing Barrier | | | X | X |
| 13 | 8402-030 | Thermal Cutoff | 1 | 2 | 3 | 4 |
| 14 | 8402-020 | Limit Control (Not shown) | X | X | X | X |
| | 132-062 | Control Panel Cover (over electric controls) | X | X | X | X |
| | 132-063 | Control Panel Cover (over heat strips) | X | X | X | X |
| | 4073-110 | Wiring Diagram | X | | | |
| | 4073-120 | Wiring Diagram | | X | | |
| | 4073-130 | Wiring Diagram | | | X | |
| | 4073-140 | Wiring Diagram | | | | X |

Date: 8-09-89
Supersedes:

FUNCTIONAL COMPONENTS



Date: 8-09-89
Supersedes:

FUNCTIONAL COMPONENTS

| Dwg. No. | Part No. | Description | E | E | E | E | E | E | E | E | E | E | E |
|----------|----------|--|---|---|---|---|---|---|---|---|---|---|---|
| | | | H | H | H | H | H | H | H | H | H | H | H |
| | | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | | | R | R | R | R | R | R | R | R | R | R | R |
| | | | A | A | A | A | A | A | A | A | A | A | A |
| | | | | | | | | | | | | | |
| | | | B | B | B | B | B | C | C | C | C | C | C |
| | | | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 1 |
| | | | 6 | 9 | 2 | 5 | 8 | 6 | 9 | 2 | 5 | 8 | 6 |
| 1 | 117-092 | Control Panel | X | X | X | X | X | X | X | X | X | X | X |
| 2 | 134-059 | Heater Box Side | X | X | X | X | X | X | X | X | X | X | X |
| 3 | 134-058 | Heater Box Wrapper | X | X | X | X | X | X | X | X | X | X | X |
| 4 | 8604-064 | Heat Strip 6KW 240V | X | | | X | | | | | | | |
| 4 | 8604-035 | Heat Strip 9KW 240V | | X | | | X | | | | | | |
| 4 | 8604-036 | Heat Strip 12KW 240V | | | X | | | | | | | | |
| 4 | 8604-065 | Heat Strip 6KW 480V | | | | | | X | | | | | |
| 4 | 8604-032 | Heat Strip 9KW 480V | | | | | | | X | | | | X |
| 4 | 8604-033 | Heat Strip 12KW 480V | | | | | | | | X | | | |
| 4 | 8604-034 | Heat Strip 15KW 480V | | | | | | | | | X | | |
| 5 | 8604-035 | Heat Strip 9KW 240V | | | | X | X | | | | | | |
| 5 | 8604-032 | Heat Strip 9KW 480V | | | | | | | | | | | X |
| 6 | 136-025 | Fill Plate | X | X | X | | | X | X | X | X | | |
| 7 | 8401-006 | Contactora | X | X | X | 2 | 2 | | | | | | |
| 7 | 8401-002 | Contactora | | | | | | X | X | X | X | | 2 |
| 8 | 8401-008 | Blower Relay | X | X | X | X | X | X | X | X | X | X | X |
| 9 | 3000-909 | Wire Assembly | X | X | X | | | X | X | X | X | | |
| 9 | 3000-910 | Wire Assembly | | | | X | X | | | | | | X |
| 10 | 8611-006 | Ground Terminal | X | X | X | X | X | X | X | X | X | X | X |
| 11 | 8607-014 | Terminal Block | X | X | X | X | X | X | X | X | X | X | X |
| 12 | 8607-015 | Phenolic Insulator | | | | | | X | X | X | X | X | X |
| 13 | 8402-030 | Thermal Cutoff | 3 | 3 | 3 | 6 | 6 | 3 | 3 | 3 | 3 | 3 | 6 |
| 14 | 8402-020 | Limit Control (Not shown) | X | X | X | X | X | X | X | X | X | X | X |
| | 132-062 | Control Panel Cover (over electric controls) | X | X | X | X | X | X | X | X | X | X | X |
| | 132-063 | Control Panel Cover (over heat strips) | X | X | X | X | X | X | X | X | X | X | X |
| | 4073-210 | Wiring Diagram | X | X | X | | | | | | | | |
| | 4073-220 | Wiring Diagram | | | | X | | | | | | | |
| | 4073-230 | Wiring Diagram | | | | | X | | | | | | |
| | 4073-310 | Wiring Diagram | | | | | | X | X | X | X | | |
| | 4073-320 | Wiring Diagram | | | | | | | | | | | X |

Date: 8-09-89
Supersedes: