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COMFORT-AIRE HRE1342-3A Owner's Manual

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HEAT CONTROLLER, INC.

HRE13

Parts List
09-March-2012



This parts list is current as of the above revision date.

Form Number: 92-42810-HRE13

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MODEL NUMBER EXPLANATION

| | | | | | | | | | |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| H | R | E | 1 | 3 | 1 | 8 | - | 1 | A |
| 1 | | | | 2 | | 3 | | | |

- (1) SERIES**
- (2) COOLING CAPACITY (BTU/HR)**
 - 18= 18,000
 - 24= 24,000
 - 30= 30,000
 - 36= 36,000
 - 42= 42,000
 - 48= 48,000
 - 60= 60,000
- (3) OPTIONS**

SERIAL NUMBER EXPLANATION

| | | | | | | | | | | | | | |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 7 | 0 | 9 | 2 | M | 0 | 7 | 0 | 1 | 9 | 9 | 9 | 9 | 9 |
| 1 | | | | 2 | 3 | | 4 | | 5 | | | | |

- (1) COMPRESSOR IDENTIFICATION NUMBER**
- (2) PRODUCTION LOCATION**
- (3) WEEK OF PRODUCTION**
- (4) YEAR OF PRODUCTION**
- (5) PRODUCTION NUMBER**

| No. | Notes | MODEL COOLING CAPACITY VARIATION | HRE13 18 1A/1N | HRE13 24 1A/1N | HRE13 30 1A/1N | HRE13 36 1A/1N | HRE13 42 1A/1N | HRE13 48 1A/1N | HRE13 60 1A/1N |
|---|-------|--|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| SHEET METAL PARTS, MISCELLANEOUS | | | | | | | | | |
| 1 | | Cabinet | AE-100726-31 | AE-100726-32 | AE-100726-33 | AE-100726-34 | AE-100726-34 | AE-100726-34 | AE-100726-34 |
| 2 | | Cabinet Panel | AE-100727-31 | AE-100727-32 | AE-100727-33 | AE-100727-34 | AE-100727-34 | AE-100727-34 | AE-100727-34 |
| 3 | | Base Pan (Before Date Code 1207) | AS-100058-01 | AS-100058-02 | AS-100058-03 | AS-100058-03 | AS-100058-03 | AS-100058-03 | AS-100058-03 |
| 3 | | Base Pan (After Date Code 1207) | AS-100058-01 | AS-100058-02 | AE-101588-03 | AE-101588-03 | AE-101588-03 | AE-101588-03 | AE-101588-03 |
| 4 | | Control Box - 2 inch diameter capacitor | AE-100654-31 | AE-100654-31 | AE-100654-31 | AE-100654-33 | N/A | N/A | N/A |
| 4 | | Control Box - 2-1/2 inch diameter capacitor | N/A | N/A | N/A | AE-100654-34 | AE-100654-34 | AE-100654-34 | AE-100654-34 |
| 5 | | Control Box Cover | AE-100657-31 | AE-100657-31 | AE-100657-31 | AE-100657-31 | AE-100657-31 | AE-100657-31 | AE-100657-31 |
| 6 | | Top Panel - Before Date Code 1207 (Private Label Gray) | N/A | N/A | AE-100652-04 | AE-100652-04 | AE-100652-04 | AE-100652-04 | AE-100652-04 |
| 6 | | Top Panel - After Date Code 1207 (ICECO Gray) | N/A | N/A | AE-100652-03 | AE-100652-03 | AE-100652-03 | AE-100652-03 | AE-100652-03 |
| 6 | | Top Panel - After Date Code 1207 (Private Label Gray) | N/A | N/A | AE-100652-33 | AE-100652-33 | AE-100652-33 | AE-100652-33 | AE-100652-33 |
| 6 | | Top Panel - ICECO Gray | AE-100652-01 | AE-100652-02 | N/A | N/A | N/A | N/A | N/A |
| 6 | | Top Panel - Private Label Gray | AE-100652-31 | AE-100652-32 | N/A | N/A | N/A | N/A | N/A |
| 8 | | Grille (Before Date Code 1207) | 95-100906-01 | 95-100906-03 | 95-100905-02 | 95-100905-02 | 95-100905-02 | 95-100905-02 | 95-100905-02 |
| 8 | | Grille (After Date Code 1207) | 95-100906-01 | 95-100906-03 | 95-100906-04 | 95-100906-04 | 95-100906-04 | 95-100906-04 | 95-100906-04 |
| | | Center Cap - Blank (for Grille) | 91-101123-09 | 91-101123-09 | 91-101123-09 | 91-101123-09 | 91-101123-09 | 91-101123-09 | 91-101123-09 |
| 12 | | Valve Mounting Panel | AE-57780-01 | AE-57780-01 | AE-57780-01 | AE-100185-31 | AE-100185-31 | AE-100185-31 | AE-100185-31 |
| 15 | | Service Valve - Suction | See Coil Group | | | | | | |
| 16 | | Service Valve - Liquid | See Coil Group | | | | | | |
| 19 | | Low Voltage Cover | AE-57756-01 | AE-57756-01 | AE-57756-01 | AE-57756-01 | AE-57756-01 | AE-57756-01 | AE-57756-01 |
| | | Touch-up Paint - ICECO Gray (Aerosol) | 523009 | 523009 | 523009 | 523009 | 523009 | 523009 | 523009 |
| | | Touch-up Paint - ICECO Gray (Paint Pens) | 523011 | 523011 | 523011 | 523011 | 523011 | 523011 | 523011 |
| | | Touch-up Paint - Private Label Gray (Aerosol) | 523014 | 523014 | 523014 | 523014 | 523014 | 523014 | 523014 |
| | | Touch-up Paint - Private Label Gray (Paint Pens) | 523015 | 523015 | 523015 | 523015 | 523015 | 523015 | 523015 |

| No. | Notes | MODEL COOLING CAPACITY VARIATION | HRE13 36 3A/3N | HRE13 42 3A/3N | HRE13 48 3A/3N | HRE13 60 3A/3N | HRE13 36 4A/4N | HRE13 42 4A/4N | HRE13 48 4A/4N |
|---|-------|--|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| SHEET METAL PARTS, MISCELLANEOUS | | | | | | | | | |
| 1 | | Cabinet | AE-100726-34 | AE-100726-34 | AE-100726-34 | AE-100726-34 | AE-100726-34 | AE-100726-34 | AE-100726-34 |
| 2 | | Cabinet Panel | AE-100727-34 | AE-100727-34 | AE-100727-34 | AE-100727-34 | AE-100727-34 | AE-100727-34 | AE-100727-34 |
| 3 | | Base Pan | AE-101588-03 | AE-101588-03 | AE-101588-03 | AE-101588-03 | AE-101588-03 | AE-101588-03 | AE-101588-03 |
| 4 | | Control Box | AE-100654-33 | AE-100654-33 | AE-100654-33 | AE-100654-33 | AE-100654-33 | AE-100654-33 | AE-100654-33 |
| 5 | | Control Box Cover | AE-100657-31 | AE-100657-31 | AE-100657-31 | AE-100657-31 | AE-100657-31 | AE-100657-31 | AE-100657-31 |
| 6 | | Top Panel - ICECO Gray | AE-100652-03 | AE-100652-03 | AE-100652-03 | AE-100652-03 | AE-100652-03 | AE-100652-03 | AE-100652-03 |
| 6 | | Top Panel - Private Label Gray | AE-100652-33 | AE-100652-33 | AE-100652-33 | AE-100652-33 | AE-100652-33 | AE-100652-33 | AE-100652-33 |
| 8 | | Grille | 95-100906-04 | 95-100906-04 | 95-100906-04 | 95-100906-04 | 95-100906-04 | 95-100906-04 | 95-100906-04 |
| | | Center Cap - Blank (for Grille) | 91-101123-09 | 91-101123-09 | 91-101123-09 | 91-101123-09 | 91-101123-09 | 91-101123-09 | 91-101123-09 |
| 12 | | Valve Mounting Panel | AE-100185-31 | AE-100185-31 | AE-100185-31 | AE-100185-31 | AE-100185-31 | AE-100185-31 | AE-100185-31 |
| 15 | | Service Valve - Suction | See Coil Group | | | | | | |
| 16 | | Service Valve - Liquid | See Coil Group | | | | | | |
| 19 | | Low Voltage Cover | AE-57756-01 | AE-57756-01 | AE-57756-01 | AE-57756-01 | AE-57756-01 | AE-57756-01 | AE-57756-01 |
| | | Touch-up Paint - ICECO Gray (Aerosol) | 523009 | 523009 | 523009 | 523009 | 523009 | 523009 | 523009 |
| | | Touch-up Paint - ICECO Gray (Paint Pens) | 523011 | 523011 | 523011 | 523011 | 523011 | 523011 | 523011 |
| | | Touch-up Paint - Private Label Gray (Aerosol) | 523014 | 523014 | 523014 | 523014 | 523014 | 523014 | 523014 |
| | | Touch-up Paint - Private Label Gray (Paint Pens) | 523015 | 523015 | 523015 | 523015 | 523015 | 523015 | 523015 |

| No. | Notes | MODEL COOLING CAPACITY VARIATION | HRE13 60 4A/4N | HRE13 48 5A | HRE13 60 5A | | | | |
|---|-------|--|----------------------|-------------------|-------------------|--|--|--|----------------|
| SHEET METAL PARTS, MISCELLANEOUS | | | | | | | | | |
| 1 | | Cabinet | AE-100726-34 | AE-100726-34 | AE-100726-34 | | | | |
| 2 | | Cabinet Panel | AE-100727-34 | AE-100727-34 | AE-100727-34 | | | | |
| 3 | | Base Pan | AE-101588-03 | AE-101588-03 | AE-101588-03 | | | | |
| 4 | | Control Box | AE-100654-33 | AE-100654-33 | AE-100654-33 | | | | |
| 5 | | Control Box Cover | AE-100657-31 | AE-100657-31 | AE-100657-31 | | | | |
| 6 | | Top Panel - ICECO Gray | AE-100652-03 | AE-100652-03 | AE-100652-03 | | | | |
| 6 | | Top Panel - Private Label Gray | AE-100652-33 | AE-100652-33 | AE-100652-33 | | | | |
| 8 | | Grille | 95-100906-04 | 95-100906-04 | 95-100906-04 | | | | |
| | | Center Cap - Blank (for Grille) | 91-101123-09 | 91-101123-09 | 91-101123-09 | | | | |
| 12 | | Valve Mounting Panel | AE-100185-31 | AE-100185-31 | AE-100185-31 | | | | |
| 15 | | Service Valve - Suction | | | | | | | See Coil Group |
| 16 | | Service Valve - Liquid | | | | | | | See Coil Group |
| 19 | | Low Voltage Cover | AE-57756-01 | AE-57756-01 | AE-57756-01 | | | | |
| | | Touch-up Paint - ICECO Gray (Aerosol) | 523009 | 523009 | 523009 | | | | |
| | | Touch-up Paint - ICECO Gray (Paint Pens) | 523011 | 523011 | 523011 | | | | |
| | | Touch-up Paint - Private Label Gray (Aerosol) | 523014 | 523014 | 523014 | | | | |
| | | Touch-up Paint - Private Label Gray (Paint Pens) | 523015 | 523015 | 523015 | | | | |

| No. | Notes | MODEL COOLING CAPACITY VARIATION | HRE13 18 1A/1N | HRE13 24 1A/1N | HRE13 30 1A/1N | HRE13 36 1A/1N | HRE13 42 1A/1N | HRE13 48 1A/1N | HRE13 60 1A/1N |
|-----------------------------|-------|--|----------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| ELECTRICAL/FAN GROUP | | | | | | | | | |
| 7 | Stk | Fan Motor | 51-101774-04 | 51-101774-02 | 51-101774-02 | 51-102008-07 | 51-102008-07 | 51-102008-07 | 51-102008-07 |
| 9 | Stk,1 | Fan Blade - See Note 1 | 70-100580-05 | 70-100580-02 | 70-100580-03 | 70-100580-04 | 70-100580-04 | 70-100580-04 | 70-100580-04 |
| 9 | 1 | Fan Blade - See Note 1 | N/A | N/A | N/A | 70-102011-04 | 70-102011-04 | 70-102011-04 | 70-102011-04 |
| 17 | Stk | Defrost Control Board | 47-21517-16 | 47-21517-16 | 47-21517-16 | 47-21517-16 | 47-21517-16 | 47-21517-16 | 47-21517-16 |
| 18 | Stk | Contactora | 42-42139-05 | 42-42139-05 | 42-42139-05 | 42-42139-05 | 42-42139-05 | 42-42478-02 | 42-42478-02 |
| 19 | | Low Voltage Cover | See Panels - Miscellaneous | | | | | | |
| 20 | | Control Box Bottom | AE-100655-01 | AE-100655-01 | AE-100655-01 | AE-100655-01 | AE-100655-01 | AE-100655-01 | AE-100655-01 |
| 21 | | Capacitor - Compressor/Fan | See Compressor Group | | | | | | |
| 25 | | Low Ambient Control | See Accessories Group | | | | | | |

| No. | Notes | MODEL COOLING CAPACITY VARIATION | HRE13 36 3A/3N | HRE13 42 3A/3N | HRE13 48 3A/3N | HRE13 60 3A/3N | | | |
|-----------------------------|-------|--|----------------------------|----------------------|----------------------|----------------------|--|--|--|
| ELECTRICAL/FAN GROUP | | | | | | | | | |
| 7 | Stk | Fan Motor | 51-102008-07 | 51-102008-07 | 51-102008-07 | 51-102008-07 | | | |
| 9 | Stk | Fan Blade | 70-102011-10 | 70-102011-10 | 70-102011-04 | 70-102011-04 | | | |
| 17 | Stk | Defrost Control Board | 47-21517-16 | 47-21517-16 | 47-21517-16 | 47-21517-16 | | | |
| 18 | Stk | Contactora | 42-22464-03 | 42-22464-03 | 42-22464-03 | 42-22464-03 | | | |
| 19 | | Low Voltage Cover | See Panels - Miscellaneous | | | | | | |
| 20 | | Control Box Bottom | AE-100655-01 | AE-100655-01 | AE-100655-01 | AE-100655-01 | | | |
| 21 | | Capacitor - Fan | See Compressor Group | | | | | | |
| 25 | | Low Ambient Control | See Accessories Group | | | | | | |

| No. | Notes | MODEL COOLING CAPACITY VARIATION | HRE13 36 4A/4N | HRE13 42 4A/4N | HRE13 48 4A/4N | HRE13 60 4A/4N | | | |
|-----------------------------|-------|--|----------------------------|----------------------|----------------------|----------------------|--|--|--|
| ELECTRICAL/FAN GROUP | | | | | | | | | |
| 7 | Stk | Fan Motor | 51-101774-05 | 51-101774-05 | 51-101774-05 | 51-101774-05 | | | |
| 9 | Stk | Fan Blade | 70-102011-10 | 70-102011-10 | 70-102011-10 | 70-102011-10 | | | |
| | | Fan Relay | 42-19736-02 | 42-19736-02 | 42-19736-02 | 42-19736-02 | | | |
| 17 | Stk | Defrost Control Board | 47-21517-16 | 47-21517-16 | 47-21517-16 | 47-21517-16 | | | |
| 18 | Stk | Contactora | 42-22464-03 | 42-22464-03 | 42-22464-03 | 42-22464-03 | | | |
| 19 | | Low Voltage Cover | See Panels - Miscellaneous | | | | | | |
| 20 | | Control Box Bottom | AE-100655-01 | AE-100655-01 | AE-100655-01 | AE-100655-01 | | | |
| 21 | | Capacitor - Fan | See Compressor Group | | | | | | |
| 25 | | Low Ambient Control | See Accessories Group | | | | | | |

| No. | Notes | MODEL COOLING CAPACITY VARIATION | HRE13 48 5A | HRE13 60 5A | | | | | |
|-----------------------------|-------|--|----------------------------|-------------------|--|--|--|--|--|
| ELECTRICAL/FAN GROUP | | | | | | | | | |
| 7 | Stk | Fan Motor | 51-101774-10 | 51-101774-10 | | | | | |
| 9 | Stk | Fan Blade | 70-102011-10 | 70-102011-10 | | | | | |
| | | Fan Relay | 42-19736-02 | 42-19736-02 | | | | | |
| 17 | Stk | Defrost Control Board | 47-21517-16 | 47-21517-16 | | | | | |
| 18 | Stk | Contactora | 42-22464-03 | 42-22464-03 | | | | | |
| 19 | | Low Voltage Cover | See Panels - Miscellaneous | | | | | | |
| 20 | | Control Box Bottom | AE-100655-01 | AE-100655-01 | | | | | |
| 21 | | Capacitor - Fan | See Compressor Group | | | | | | |
| 25 | | Low Ambient Control | See Accessories Group | | | | | | |

| No. | Notes | MODEL COOLING CAPACITY VARIATION | HRE13 18 1A/1N | HRE13 24 1A/1N | HRE13 30 1A/1N | HRE13 36 1A/1N | HRE13 42 1A/1N | HRE13 48 1A/1N | HRE13 60 1A/1N | |
|-------------------|-------|---|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|--|
| COIL GROUP | | | | | | | | | | |
| 11 | Stk | Condenser Coil | AS-101766-03 | AS-101767-03 | AS-101768-03 | AS-101760-03 | AS-101760-03 | AS-102099-03 | AS-101771-01 | |
| 13 | | Valve Mounting Bracket | AE-57781-01 | AE-57781-01 | AE-57781-01 | AE-57781-02 | AE-57781-02 | AE-57781-02 | AE-57781-02 | |
| | | Bulkhead Valve | 61-22369-04 | 61-22369-04 | 61-22369-04 | 61-22369-04 | 61-22369-04 | 61-22369-04 | 61-22369-04 | |
| | | Distributor - 2 Way | 83-17467-03 | 83-17467-03 | N/A | N/A | N/A | N/A | N/A | |
| | Stk | Reversing Valve | 61-102331-04 | 61-102331-04 | 61-101684-02 | 61-101684-02 | 61-101684-02 | 61-101684-03 | 61-101684-03 | |
| | | Solenoid Coil - Reversing Valve (Before Date Code 2808) | 61-101713-01 | 61-101713-01 | 61-101713-01 | 61-101713-01 | 61-101713-01 | 61-101713-01 | 61-101713-01 | |
| | Stk | Solenoid Coil - Reversing Valve (After Date Code 2808) | 61-101713-92 | 61-101713-92 | 61-101713-92 | 61-101713-92 | 61-101713-92 | 61-101713-92 | 61-101713-92 | |
| | | Wiring Harness - Reversing Valve | 61-26149-03 | 61-26149-03 | 61-26149-03 | 61-26149-03 | 61-26149-03 | 61-26149-03 | 61-26149-03 | |
| 14 | | Service Valve - Suction (3/4 in. to 3/4 in.) | 61-21368-07 | 61-21368-07 | 61-21368-07 | N/A | N/A | N/A | N/A | |
| 14 | | Service Valve - Suction (5/8 in. to 3/4 in.) | 61-21368-23 | 61-21368-23 | N/A | N/A | N/A | N/A | N/A | |
| 14 | | Service Valve - Suction (3/4 in. to 7/8 in.) | N/A | N/A | N/A | 61-21368-22 | 61-21368-22 | N/A | N/A | |
| 14 | | Service Valve - Suction (7/8 in. to 7/8 in.) | N/A | N/A | N/A | N/A | N/A | 61-21368-08 | 61-21368-08 | |
| 15 | | Service Valve - Liquid | 61-21368-05 | 61-21368-05 | 61-21368-05 | 61-21368-05 | 61-21368-05 | 61-21368-05 | 61-21368-05 | |
| | Stk | TXV/Distributor Assembly | 61-102068-01 | 61-102068-02 | 61-102068-03 | 61-102068-04 | 61-102068-05 | 61-102068-06 | 61-102068-07 | |
| | | Strainer | 83-25316-02 | 83-25316-02 | 83-25316-02 | 83-25316-02 | 83-25316-02 | 83-25316-02 | 83-25316-02 | |
| | Stk | Filter Drier | 83-25152-03 | 83-25152-03 | 83-25152-03 | 83-25152-03 | 83-25152-03 | 83-25152-03 | 83-25152-03 | |
| | | Muffler | See Compressor Group | | | | | | | |

| No. | Notes | MODEL COOLING CAPACITY VARIATION | HRE13 36 3A/3N | HRE13 42 3A/3N | HRE13 48 3A/3N | HRE13 60 3A/3N | HRE13 36 4A/4N | HRE13 42 4A/4N | HRE13 48 4A/4N | |
|-------------------|-------|---|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|--|
| COIL GROUP | | | | | | | | | | |
| 11 | Stk | Condenser Coil | AS-101760-03 | AS-101760-03 | AS-102099-03 | AS-101771-01 | AS-101760-03 | AS-101760-03 | AS-102099-03 | |
| 13 | | Valve Mounting Bracket | AE-57781-02 | AE-57781-02 | AE-57781-02 | AE-57781-02 | AE-57781-02 | AE-57781-02 | AE-57781-02 | |
| | | Bulkhead Valve | 61-22369-04 | 61-22369-04 | 61-22369-04 | 61-22369-04 | 61-22369-04 | 61-22369-04 | 61-22369-04 | |
| | Stk | Reversing Valve | 61-101684-02 | 61-101684-02 | 61-101684-03 | 61-101684-03 | 61-101684-02 | 61-101684-02 | 61-101684-03 | |
| | | Solenoid Coil - Reversing Valve (Before Date Code 2808) | 61-101713-01 | 61-101713-01 | 61-101713-01 | 61-101713-01 | 61-101713-01 | 61-101713-01 | 61-101713-01 | |
| | Stk | Solenoid Coil - Reversing Valve (After Date Code 2808) | 61-101713-92 | 61-101713-92 | 61-101713-92 | 61-101713-92 | 61-101713-92 | 61-101713-92 | 61-101713-92 | |
| | | Wiring Harness - Reversing Valve | 61-26149-03 | 61-26149-03 | 61-26149-03 | 61-26149-03 | 61-26149-03 | 61-26149-03 | 61-26149-03 | |
| 14 | | Service Valve - Suction | 61-21368-22 | 61-21368-22 | 61-21368-08 | 61-21368-08 | 61-21368-22 | 61-21368-22 | 61-21368-08 | |
| 15 | | Service Valve - Liquid | 61-21368-05 | 61-21368-05 | 61-21368-05 | 61-21368-05 | 61-21368-05 | 61-21368-05 | 61-21368-05 | |
| | Stk | TXV/Distributor Assembly | 61-102068-04 | 61-102068-05 | 61-102068-06 | 61-102068-07 | 61-102068-04 | 61-102068-05 | 61-102068-06 | |
| | Stk | Filter Drier | 83-25152-03 | 83-25152-03 | 83-25152-03 | 83-25152-03 | 83-25152-03 | 83-25152-03 | 83-25152-03 | |
| | | Muffler | See Compressor Group | | | | | | | |

| No. | Notes | MODEL COOLING CAPACITY VARIATION | HRE13 60 4A/4N | HRE13 48 5A | HRE13 60 5A | | | | | |
|-------------------|-------|---|----------------------|-------------------|-------------------|--|--|--|--|--|
| COIL GROUP | | | | | | | | | | |
| 11 | Stk | Condenser Coil | AS-101771-01 | AS-102099-03 | AS-101771-01 | | | | | |
| 13 | | Valve Mounting Bracket | AE-57781-02 | AE-57781-02 | AE-57781-02 | | | | | |
| | | Bulkhead Valve | 61-22369-04 | 61-22369-04 | 61-22369-04 | | | | | |
| | Stk | Reversing Valve | 61-101684-03 | 61-101684-03 | 61-101684-03 | | | | | |
| | | Solenoid Coil - Reversing Valve (Before Date Code 2808) | 61-101713-01 | 61-101713-01 | 61-101713-01 | | | | | |
| | Stk | Solenoid Coil - Reversing Valve (After Date Code 2808) | 61-101713-92 | 61-101713-92 | 61-101713-92 | | | | | |
| | | Wiring Harness - Reversing Valve | 61-26149-03 | 61-26149-03 | 61-26149-03 | | | | | |
| 14 | | Service Valve - Suction | 61-21368-08 | 61-21368-08 | 61-21368-08 | | | | | |
| 15 | | Service Valve - Liquid | 61-21368-05 | 61-21368-05 | 61-21368-05 | | | | | |
| | Stk | TXV/Distributor Assembly | 61-102068-07 | 61-102068-06 | 61-102068-07 | | | | | |
| | Stk | Filter Drier | 83-25152-03 | 83-25152-03 | 83-25152-03 | | | | | |
| | | Muffler | See Compressor Group | | | | | | | |

| No. | Notes | MODEL COOLING CAPACITY VARIATION | HRE13 18 1A | HRE13 24 1A | HRE13 30 1A | HRE13 36 1A |
|---|-------|---|-------------------|-------------------|-------------------|-------------------|
| COMPRESSOR GROUP | | | | | | |
| IMPORTANT NOTE: Replacement Compressors MUST be selected using the Compressor ID from the unit's Serial Number. Do not interchange compressors from other Compressor ID's used on the model. See Note 2 and cross-references below for information regarding retrofit of Bristol reciprocating compressors with Copeland scroll compressors. | | | | | | |
| | | Compressor ID: | 7328 | 7329 | 7679/7330 | 7680/7331 |
| 10 | 2 | Original Compressor - See Note 2 | 55-101545-12S | 55-101545-13S | 55-101545-14S | 55-101545-09S |
| 10 | Stk,2 | Replacement Compressor (Retrofit Kit Required) - See Note 2 | 55-100835-45S | 55-100835-13S | 55-100835-16S | 55-100835-23S |
| | Stk,2 | Retrofit Kit - See Note 2 | 831009 | 831010 | 831011 | 831012 |
| 21 | Stk | Capacitor - Fan/Compressor | 43-101665-44 | 43-101665-44 | 43-101665-44 | 43-26261-46 |
| | Stk | Muffler/Check Valve | 83-101828-01 | 83-101828-01 | 83-101828-01 | 83-101828-01 |
| | | Compressor ID: | 7730 | 7731 | | |
| 10 | 2 | Original Compressor - See Note 2 | 55-101545-27S | 55-101545-29S | | |
| 10 | Stk,2 | Replacement Compressor (Retrofit Kit Required) - See Note 2 | 55-100835-45S | 55-100835-13S | | |
| | Stk,2 | Retrofit Kit - See Note 2 | 831009 | 831010 | | |
| 21 | Stk | Capacitor - Fan/Compressor | 43-101665-44 | 43-101665-44 | | |
| | Stk | Muffler/Check Valve | 83-101828-01 | 83-101828-01 | | |
| | | Compressor ID: | 7659 | 7660 | 7661 | 7662 |
| 10 | Stk | Compressor | 55-100835-45S | 55-100835-13S | 55-100835-16S | 55-100835-23S |
| | Stk | Compressor Wiring Harness (Molded Plug) | 45-100834-80 | 45-100834-80 | 45-100834-80 | 45-100834-80 |
| 21 | Stk | Capacitor - Fan/Compressor (2 inch diameter) | 43-26261-40 | 43-26261-44 | 43-26261-09 | 43-26271-46 |
| 21 | Stk | Capacitor - Fan/Compressor (2-1/2 inch diameter) | N/A | N/A | N/A | 43-101665-46 |
| | Stk | Muffler | 83-20438-04 | 83-20438-04 | 83-20438-04 | 83-20438-04 |

| No. | Notes | MODEL COOLING CAPACITY VARIATION | HRE13 42 1A | HRE13 48 1A | HRE13 60 1A | |
|---|-------|---|-------------------|-------------------|-------------------|--|
| COMPRESSOR GROUP | | | | | | |
| IMPORTANT NOTE: Replacement Compressors MUST be selected using the Compressor ID from the unit's Serial Number. Do not interchange compressors from other Compressor ID's used on the model. See Note 2 and cross-references below for information regarding retrofit of Bristol reciprocating compressors with Copeland scroll compressors. | | | | | | |
| | | Compressor ID: | | 7682/7333 | | |
| 10 | 2 | Original Compressor - See Note 2 | | 55-101545-11S | | |
| 10 | Stk,2 | Replacement Compressor (Retrofit Kit Required) - See Note 2 | | 55-100835-05S | | |
| | Stk,2 | Retrofit Kit - See Note 2 | | 831013 | | |
| 21 | Stk | Capacitor - Fan/Compressor | | 43-26271-39 | | |
| | Stk | Muffler | | 83-20438-04 | | |
| | | Compressor ID: | 7681/7332 | | 7683/7334 | |
| 10 | Stk | Compressor | 55-101545-15S | | 55-23148-37 | |
| 21 | Stk | Capacitor - Fan/Compressor | 43-26271-38 | | 43-26271-47 | |
| | Stk | Crankcase Heater | N/A | | 44-101884-02 | |
| | Stk | Muffler | 83-20438-04 | | 83-20438-04 | |
| | | Compressor ID: | | 7663 | 7664 | |
| 10 | Stk | Compressor | | 55-100835-05S | 55-100835-06S | |
| | Stk | Compressor Wiring Harness (Molded Plug) | | 45-100834-80 | 45-100834-80 | |
| 21 | Stk | Capacitor - Fan/Compressor | | 43-26261-39 | 43-26261-30 | |
| | Stk | Muffler | | 83-20438-04 | 83-20438-04 | |
| | Stk | Crankcase Heater | | N/A | 44-101884-02 | |

| No. | Notes | MODEL COOLING CAPACITY VARIATION | HRE13 18 1N | HRE13 24 1N | HRE13 30 1N | HRE13 36 1N |
|---|-------|---|-------------------|-------------------|-------------------|-------------------|
| COMPRESSOR GROUP | | | | | | |
| IMPORTANT NOTE: Replacement Compressors MUST be selected using the Compressor ID from the unit's Serial Number. Do not interchange compressors from other Compressor ID's used on the model. See Note 2 and cross-references below for information regarding retrofit of Bristol reciprocating compressors with Copeland scroll compressors. | | | | | | |
| | | Compressor ID: | | | 8489 | 8490 |
| 10 | 2 | Original Compressor - See Note 2 | | | 55-101545-14S | 55-101545-09S |
| 10 | Stk,2 | Replacement Compressor (Retrofit Kit Required) - See Note 2 | | | 55-100835-16S | 55-100835-23S |
| | Stk,2 | Retrofit Kit - See Note 2 | | | 831011 | 831012 |
| 21 | Stk | Capacitor - Fan/Compressor | | | 43-101665-44 | 43-26261-46 |
| | Stk | Muffler/Check Valve | | | 83-101828-01 | 83-101828-01 |
| | | Compressor ID: | 8487 | 8488 | | |
| 10 | 2 | Original Compressor - See Note 2 | 55-101545-27S | 55-101545-29S | | |
| 10 | Stk,2 | Replacement Compressor (Retrofit Kit Required) - See Note 2 | 55-100835-45S | 55-100835-13S | | |
| | Stk,2 | Retrofit Kit - See Note 2 | 831009 | 831010 | | |
| 21 | Stk | Capacitor - Fan/Compressor | 43-101665-44 | 43-101665-44 | | |
| | Stk | Muffler/Check Valve | 83-101828-01 | 83-101828-01 | | |
| | | Compressor ID: | 8494 | 8495 | 8496 | 8497 |
| 10 | Stk | Compressor | 55-100835-45S | 55-100835-13S | 55-100835-16S | 55-100835-23S |
| | Stk | Compressor Wiring Harness (Molded Plug) | 45-100834-80 | 45-100834-80 | 45-100834-80 | 45-100834-80 |
| 21 | Stk | Capacitor - Fan/Compressor (2 inch diameter) | 43-26261-40 | 43-26261-44 | 43-26261-09 | 43-26271-46 |
| 21 | Stk | Capacitor - Fan/Compressor (2-1/2 inch diameter) | N/A | N/A | N/A | 43-101665-46 |
| | Stk | Muffler | 83-20438-04 | 83-20438-04 | 83-20438-04 | 83-20438-04 |

| No. | Notes | MODEL COOLING CAPACITY VARIATION | HRE13 42 1N | HRE13 48 1N | HRE13 60 1N | |
|---|-------|---|-------------------|-------------------|-------------------|--|
| COMPRESSOR GROUP | | | | | | |
| IMPORTANT NOTE: Replacement Compressors MUST be selected using the Compressor ID from the unit's Serial Number. Do not interchange compressors from other Compressor ID's used on the model. See Note 2 and cross-references below for information regarding retrofit of Bristol reciprocating compressors with Copeland scroll compressors. | | | | | | |
| | | Compressor ID: | | | 8492 | |
| 10 | 2 | Original Compressor - See Note 2 | | | 55-101545-11S | |
| 10 | Stk,2 | Replacement Compressor (Retrofit Kit Required) - See Note 2 | | | 55-100835-05S | |
| | Stk,2 | Retrofit Kit - See Note 2 | | | 831013 | |
| 21 | Stk | Capacitor - Fan/Compressor | | | 43-26271-39 | |
| | Stk | Muffler | | | 83-20438-04 | |
| | | Compressor ID: | 8491 | | 8493 | |
| 10 | Stk | Compressor | 55-101545-15S | | 55-23148-37 | |
| 21 | Stk | Capacitor - Fan/Compressor | 43-26271-38 | | 43-26271-47 | |
| | Stk | Crankcase Heater | N/A | | 44-101884-02 | |
| | Stk | Muffler | 83-20438-04 | | 83-20438-04 | |
| | | Compressor ID: | | 8498 | 8499 | |
| 10 | Stk | Compressor | | 55-100835-05S | 55-100835-06S | |
| | Stk | Compressor Wiring Harness (Molded Plug) | | 45-100834-80 | 45-100834-80 | |
| 21 | Stk | Capacitor - Fan/Compressor | | 43-26261-39 | 43-26261-30 | |
| | Stk | Muffler | | 83-20438-04 | 83-20438-04 | |
| | Stk | Crankcase Heater | | N/A | 44-101884-02 | |

| No. | Notes | MODEL COOLING CAPACITY VARIATION | HRE13 36 3A | HRE13 42 3A | HRE13 48 3A | HRE13 60 3A |
|---|-------|---|-------------------|-------------------|-------------------|-------------------|
| COMPRESSOR GROUP | | | | | | |
| IMPORTANT NOTE: Replacement Compressors MUST be selected using the Compressor ID from the unit's Serial Number. Do not interchange compressors from other Compressor ID's used on the model. | | | | | | |
| | | Compressor ID: | 7810 | 7813 | 7816 | 7820 |
| 10 | Stk | Compressor | 55-101545-41S | 55-102282-16S | 55-102282-21S | 55-100835-19S |
| 21 | Stk | Capacitor - Fan | 43-100509-60 | 43-100509-60 | 43-100509-60 | 43-100509-60 |
| | Stk | Muffler | N/A | 83-20438-04 | 83-20438-04 | 83-20438-04 |
| | Stk | Muffler/Check Valve | 83-101828-01 | N/A | N/A | N/A |
| | | Compressor ID: | 7809 | | 7815 | 7821 |
| 10 | Stk | Compressor | 55-100835-24S | | 55-100835-51S | 55-102282-24S |
| | Stk | Compressor Wiring Harness (Molded Plug) | 45-100834-80 | | 45-100834-80 | N/A |
| 21 | Stk | Capacitor - Fan | 43-100509-60 | | 43-100509-60 | 43-100509-60 |
| | Stk | Muffler | 83-20438-04 | | 83-20438-04 | 83-20438-04 |

| No. | Notes | MODEL COOLING CAPACITY VARIATION | HRE13 36 4A | HRE13 42 4A | HRE13 48 4A | HRE13 60 4A |
|---|-------|---|-------------------|-------------------|-------------------|-------------------|
| COMPRESSOR GROUP | | | | | | |
| IMPORTANT NOTE: Replacement Compressors MUST be selected using the Compressor ID from the unit's Serial Number. Do not interchange compressors from other Compressor ID's used on the model. | | | | | | |
| | | Compressor ID: | 7812 | 7814 | 7818 | 7823 |
| 10 | Stk | Compressor | 55-101545-42S | 55-102282-17S | 55-102282-22S | 55-102282-25S |
| 21 | Stk | Capacitor - Fan | 43-100509-59 | 43-100509-59 | 43-100509-59 | 43-100509-59 |
| | Stk | Muffler | N/A | 83-20438-04 | 83-20438-04 | 83-20438-04 |
| | Stk | Muffler/Check Valve | 83-101828-01 | N/A | N/A | N/A |
| | | Compressor ID: | 7811 | | 7817 | 7822 |
| 10 | Stk | Compressor | 55-100835-40S | | 55-100835-52S | 55-100835-46S |
| | Stk | Compressor Wiring Harness (Molded Plug) | 45-100834-80 | | 45-100834-80 | 45-100834-80 |
| 21 | Stk | Capacitor - Fan | 43-100509-59 | | 43-100509-59 | 43-100509-59 |
| | Stk | Muffler | 83-20438-04 | | 83-20438-04 | 83-20438-04 |

| No. | Notes | MODEL COOLING CAPACITY VARIATION | HRE13 48 5A | HRE13 60 5A | | |
|---|-------|---|-------------------|-------------------|--|--|
| COMPRESSOR GROUP | | | | | | |
| IMPORTANT NOTE: Replacement Compressors MUST be selected using the Compressor ID from the unit's Serial Number. Do not interchange compressors from other Compressor ID's used on the model. | | | | | | |
| | | Compressor ID: | 7819 | 7824 | | |
| 10 | Stk | Compressor | 55-102282-23S | 55-100835-55S | | |
| | Stk | Compressor Wiring Harness (Molded Plug) | N/A | 45-100834-80 | | |
| 21 | Stk | Capacitor - Fan | 43-100509-59 | 43-100509-59 | | |
| | Stk | Muffler | 83-20438-04 | 83-20438-04 | | |
| | | Compressor ID: | | 7825 | | |
| 10 | Stk | Compressor | | 55-102282-26S | | |
| | Stk | Compressor Wiring Harness (Molded Plug) | | N/A | | |
| 21 | Stk | Capacitor - Fan | | 43-100509-59 | | |
| | Stk | Muffler | | 83-20438-04 | | |

| No. | Notes | MODEL COOLING CAPACITY VARIATION | HRE13 36 3N | HRE13 42 3N | HRE13 48 3N | HRE13 60 3N |
|---|-------|---|-------------------|-------------------|-------------------|-------------------|
| COMPRESSOR GROUP | | | | | | |
| IMPORTANT NOTE: Replacement Compressors MUST be selected using the Compressor ID from the unit's Serial Number. Do not interchange compressors from other Compressor ID's used on the model. | | | | | | |
| | | Compressor ID: | 8521 | 8523 | 8525 | 8519 |
| 10 | Stk | Compressor | 55-101545-41S | 55-102282-16S | 55-102282-21S | 55-100835-19S |
| 21 | Stk | Capacitor - Fan | 43-100509-60 | 43-100509-60 | 43-100509-60 | 43-100509-60 |
| | Stk | Muffler | N/A | 83-20438-04 | 83-20438-04 | 83-20438-04 |
| | Stk | Muffler/Check Valve | 83-101828-01 | N/A | N/A | N/A |
| | | Compressor ID: | 8515 | | 8517 | 8527 |
| 10 | Stk | Compressor | 55-100835-24S | | 55-100835-51S | 55-102282-24S |
| | Stk | Compressor Wiring Harness (Molded Plug) | 45-100834-80 | | 45-100834-80 | N/A |
| 21 | Stk | Capacitor - Fan | 43-100509-60 | | 43-100509-60 | 43-100509-60 |
| | Stk | Muffler | 83-20438-04 | | 83-20438-04 | 83-20438-04 |

| No. | Notes | MODEL COOLING CAPACITY VARIATION | HRE13 36 4N | HRE13 42 4N | HRE13 48 4N | HRE13 60 4N |
|---|-------|---|-------------------|-------------------|-------------------|-------------------|
| COMPRESSOR GROUP | | | | | | |
| IMPORTANT NOTE: Replacement Compressors MUST be selected using the Compressor ID from the unit's Serial Number. Do not interchange compressors from other Compressor ID's used on the model. | | | | | | |
| | | Compressor ID: | 8522 | 8524 | 8526 | 8528 |
| 10 | Stk | Compressor | 55-101545-42S | 55-102282-17S | 55-102282-22S | 55-102282-25S |
| 21 | Stk | Capacitor - Fan | 43-100509-59 | 43-100509-59 | 43-100509-59 | 43-100509-59 |
| | Stk | Muffler | N/A | 83-20438-04 | 83-20438-04 | 83-20438-04 |
| | Stk | Muffler/Check Valve | 83-101828-01 | N/A | N/A | N/A |
| | | Compressor ID: | 8516 | | 8518 | 8520 |
| 10 | Stk | Compressor | 55-100835-40S | | 55-100835-52S | 55-100835-46S |
| | Stk | Compressor Wiring Harness (Molded Plug) | 45-100834-80 | | 45-100834-80 | 45-100834-80 |
| 21 | Stk | Capacitor - Fan | 43-100509-59 | | 43-100509-59 | 43-100509-59 |
| | Stk | Muffler | 83-20438-04 | | 83-20438-04 | 83-20438-04 |

| No. | Notes | MODEL COOLING CAPACITY VARIATION | HRE13 ALL ALL |
|-------------------|-------|---|---------------------|
| ACCESORIES | | | |
| | | Low Ambient Control | RXPZ-C01 |
| | | Outdoor Thermostat (One Thermostat w/box) | RXPT-A01 |
| | | Outdoor Thermostat (One Thermostat w/o box) | RXPT-A02 |
| | | Outdoor Thermostat (One w/Heat Relay and box) | RXPT-A03 |
| | | Outdoor Thermostat (Two Thermostats w/Heat and box) | RXPT-A04 |
| | | Heat Pump Monitor | RXPM-B01 |
| | | Compressor Time Delay Control | RXMD-B01 |
| | | Blower Time Delay Control | RXMD-C04 |
| | | High Pressure Control | RXAB-A03 |



**Valve Mounting
Panel Detail**

Exploded View



Control Box Assembly



Valve Mounting Detail

NOTES

Stk It is recommended that stock be maintained for this part.

N/A Not Applicable

- 1 70-100580-04 is a 3-blade design, and 70-102011-04 is a 2-blade design. The replacement fan blades are interchangeable on the listed units, and either may be used for replacement.
- 2 This compressor should be replaced with the designated Copeland scroll (55-100835 series) and the specified Retrofit Kit. USE OF THE RETROFIT KIT IS REQUIRED WHEN PERFORMING THIS REPLACEMENT. Failure to use the kit will greatly increase the likelihood of future compressor failure and will void the compressor warranty.