

**REPLACEMENT PARTS FOR SEPARATED-COMBUSTION  
INDOOR GAS-FIRED DUCT FURNACE**

**MODEL SC**



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**IMPORTANT**

- Always include complete model and serial number so that any specification change can be considered for parts replacement. It can save time and expense.
- In keeping with our policy of continuous product improvement, we reserve the right to alter any information shown here.
- Order by Part Number (PN) not by option designation.

**WE RESERVE THE RIGHT TO SUBSTITUTE FUNCTIONAL REPLACEMENTS.**

## SERIAL NUMBERS

Decode serial number as follows:

**Serial No. Sample:** BOF 3060 000000

**Elements Key No.:**    1   |   2   |   3

### Key:

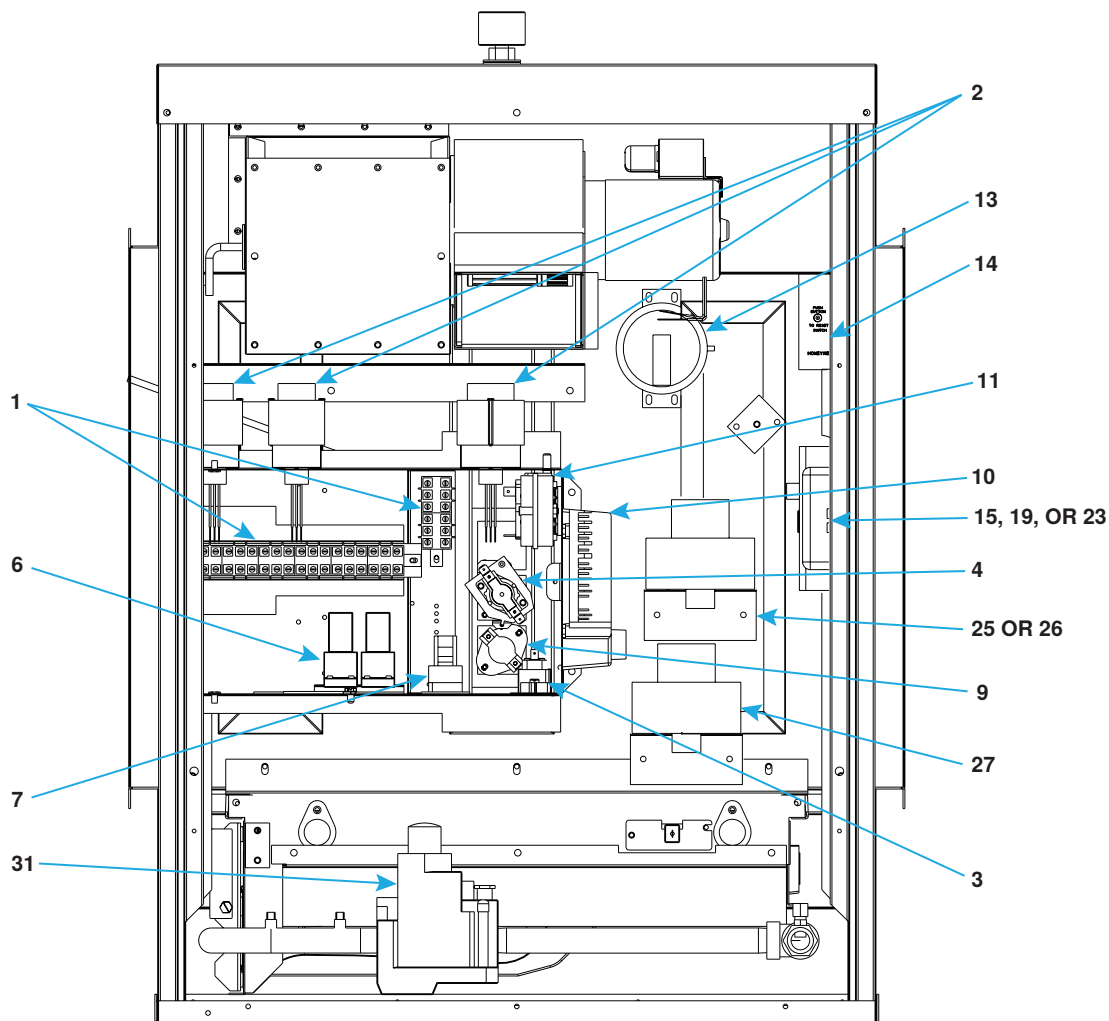
1 = Date of manufacture (refer to [Table 1](#))

2 = Plant of manufacture (3060 = Mercer; 3062 = Monterrey)

3 = Consecutive number

| Table 1. Serial Number Date Codes (Month and Year) |       |     |     |     |     |     |     |     |     |     |     |     |
|----------------------------------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Year                                               | Month |     |     |     |     |     |     |     |     |     |     |     |
|                                                    | JAN   | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
| 2015                                               | BOA   | BOB | BOC | BOD | BOE | BOF | BOG | BOH | BOI | BOJ | BOK | BOL |
| 2016                                               | BPA   | BPB | BPC | BPD | BPE | BPF | BPG | BPH | BPI | BPJ | BPK | BPL |
| 2017                                               | BQA   | BQB | BQC | BQD | BQE | BQF | BQG | BQH | BQI | BQJ | BQK | BQL |
| 2018                                               | BRA   | BRB | BRC | BRD | BRE | BRF | BRG | BRH | BRI | BRJ | BRK | BRL |
| 2019                                               | BSA   | BSB | BSC | BSD | BSE | BSF | BSG | BSH | BSI | BSJ | BSK | BSL |
| 2020                                               | BTA   | BTB | BTC | BSD | BTE | BTF | BTG | BTH | BTI | BTJ | BTk | BTL |
| 2021                                               | BUA   | BUB | BUC | BUD | BUE | BUF | BUG | BUH | BUI | BUJ | BUK | BUL |
| 2022                                               | BVA   | BVB | BVC | BVD | BVE | BVF | BVG | BVH | BVI | BVJ | BVK | BVL |
| 2023                                               | BWA   | BWB | BWC | BWD | BWE | BWF | BWG | BWH | BWI | BWJ | BWK | BWL |
| 2024                                               | BXA   | BXB | BXC | BXD | BXE | BXF | BXG | BXH | BXI | BXJ | BXK | BXL |
| 2025                                               | BYA   | BYB | BYC | BYD | BYE | BYF | BYG | BYH | BYI | BYJ | BYK | BYL |
| 2026                                               | BZA   | BZB | BZC | BZD | BZE | BZF | BZG | BZH | BZI | BZJ | BZK | BZL |
| 2027                                               | CAA   | CAB | CAC | CAD | CAE | CAF | CAG | CAH | CAI | CAJ | CAK | CAL |
| 2028                                               | CBA   | CBB | CBC | CBD | CBE | CBF | CBG | CBH | CBI | CBJ | CBK | CBL |
| 2029                                               | CCA   | CCB | CCC | CCD | CCE | CCF | CCG | CCH | CCI | CCJ | CCK | CCL |
| 2030                                               | CDA   | CDB | CDC | CDD | CDE | CDF | CDG | CDH | CDI | CDJ | CDK | CDL |

## ELECTRICAL COMPONENTS



**Figure 1. Electrical Components (Refer to [Table 2](#))**

| Table 2. Electrical Components |                            |                                                                            |        |
|--------------------------------|----------------------------|----------------------------------------------------------------------------|--------|
| Item No.                       | Component                  | Description                                                                | PN     |
| 1                              | Terminal block             |                                                                            | 144972 |
| 1A                             | Adapter                    | Terminal block                                                             | 144973 |
| 2                              | Control/damper transformer | 115/24/20VA                                                                | 103054 |
|                                |                            | 115/24/40VA                                                                | 103055 |
|                                |                            | 208/230/24/40VA                                                            | 103497 |
|                                |                            | 460/24/40VA                                                                | 103498 |
|                                |                            |                                                                            |        |
| 3                              | Relay                      | Venter, time delay                                                         | 259780 |
| 3A                             |                            | Replacement kit for obsolete PN 46233 or 259518 (includes relay PN 259780) | 259521 |
| 4                              |                            | Fan/blower control, time delay, SPST                                       | 209164 |
| 5                              |                            | RBM, SPDT, options BG3 and BG5                                             | 18549  |
| 6                              |                            | 24V, option AG8, AG9, or AG21, requires relay socket (PN 211415)           | 211411 |
| 7                              |                            | Time delay, SPDT, 24V, option AG39 or AG40                                 | 174810 |
| 9                              |                            | Limit control                                                              | 50417  |
| 9A                             | Shield                     | Limit control                                                              | 9704   |
| 10                             | Ignition controller        | Without lockout                                                            | 257009 |
|                                |                            | With lockout                                                               | 257010 |
| 10A                            | Replacement kit            | Ignition controller without lockout                                        | 257472 |
|                                |                            | Ignition controller with lockout                                           | 257473 |

## ELECTRICAL COMPONENTS—CONTINUED

| Table 2. Electrical Components—Continued |                                |                                                                                                                                                              |                                  |
|------------------------------------------|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|
| Item No.                                 | Component                      | Description                                                                                                                                                  | PN                               |
| 11                                       | Combustion air pressure switch | For installations ≤4000 feet elevation, setpoint = 0.58 (±0.05) IN WC                                                                                        | 204327                           |
|                                          |                                | For installations >4000 feet elevation, setpoint = 0.52 (±0.05) IN WC                                                                                        | 204328                           |
|                                          |                                | For unit sizes 100–225 with option AG39 or AG40                                                                                                              | 204325                           |
|                                          |                                | For unit sizes 250–400 with option AG39 or AG40                                                                                                              | 204326                           |
| 12                                       | ECO                            | Device                                                                                                                                                       | 131450                           |
| 12A                                      | Mounting plate                 | ECO device                                                                                                                                                   | 82633                            |
| 13                                       | Switch                         | Blower air flow, normally-open/non-adjustable, setpoint 0.175 IN WC, option BW1                                                                              | 112107                           |
| 14                                       | Firestat                       | Manual reset opens at 200°F, options BD2 and BD3                                                                                                             | 42782                            |
| 14A                                      | Gasket                         | Firestat, used when firestat is used without cover                                                                                                           | 121041                           |
| 14B                                      | Shield                         | Firestat, discharge firestat only                                                                                                                            | 120021                           |
| 15                                       | Ductstat                       | Two-stage, 55–58°F, 5-foot capillary length, option AG3 units manufactured <i>before</i> MAR 2022, no longer available—replaced by PN 211481                 | 41700                            |
|                                          |                                | Two-stage, 50–120°F, 10-foot capillary, option AG3 units manufactured <i>after</i> FEB 2022, replaces PN 41700—note that terminal designations are different | 211481                           |
| 15A                                      | Holder                         | Ductstat bulb                                                                                                                                                | 100260                           |
| 15B                                      | Strap                          | Ductstat cable                                                                                                                                               | 16227                            |
| 16                                       | Remote ductstat module         | Ductstat temperature selector, option AG15                                                                                                                   | 115848                           |
| 16A                                      |                                | Stage adder, option AG15                                                                                                                                     | 115849                           |
| 16B                                      |                                | Digital temperature display, options AG15                                                                                                                    | 115852                           |
| 17                                       | Sensor                         | Ductstat, part of PN 115848                                                                                                                                  | 115851                           |
| 17A                                      | Holder                         | Ductstat                                                                                                                                                     | 115850                           |
| 18                                       | Discharge sensor               | Option AG8 or AG9                                                                                                                                            | 48041                            |
|                                          |                                | Option AG39                                                                                                                                                  | 133228                           |
| 18A                                      | Gasket                         | Discharge sensor                                                                                                                                             | 104138                           |
| 19                                       | Signal conditioner             | Option AG21 or AG40                                                                                                                                          | 134170                           |
| 20                                       | Fuse                           | 8A                                                                                                                                                           | 201773                           |
|                                          |                                | 3A                                                                                                                                                           | 201780                           |
|                                          |                                |                                                                                                                                                              | 201803                           |
| 20A                                      | Fuseholder                     |                                                                                                                                                              | 60241                            |
| 21                                       | Receptacle                     | Convenience outlet, option BC2                                                                                                                               | 96912                            |
| 22                                       | Limit                          | Reverse flow                                                                                                                                                 | 103323                           |
| 22A                                      | Bracket                        | Reverse flow limit                                                                                                                                           | 18795                            |
| 23                                       | Amplifier                      | Maxitrol                                                                                                                                                     | 260863                           |
|                                          |                                | Replacement kit for obsolete PN 48035 or 48036 (includes amplifier PN 260863)                                                                                | 262320                           |
|                                          |                                | Maxitrol                                                                                                                                                     | 260864                           |
|                                          |                                | Replacement kit for obsolete PN 48037 or 48038 (includes amplifier PN 260864)                                                                                | 262321                           |
|                                          |                                | Maxitrol, option AG39 or AG40                                                                                                                                | 174848                           |
| 24                                       | Temperature selector           | Remote, option AG9                                                                                                                                           | 48042                            |
|                                          |                                | Remote, option AG39 or AG40                                                                                                                                  | 174849                           |
| 25                                       | Low pressure switch            | Natural gas, range 1–6 IN WC, option BP4                                                                                                                     | 93849                            |
| 26                                       |                                | Propane, automatic reset, range 6–24N WC, set at 50% of minimum inlet gas pressure, option BP4                                                               | 149176                           |
| 27                                       | High pressure switch           | Manual reset, set at 125% of normal manifold gas pressure, option BP4                                                                                        | 93850                            |
| 27A                                      | Limiter                        | Vent                                                                                                                                                         | 123481                           |
| 27B                                      | Bracket                        | Vent limiter                                                                                                                                                 | 100261                           |
| 28                                       | Pressure switch                | Gas flow, white label, 1.1 IN WC, option AG39 or AG40                                                                                                        | 174809                           |
| 29                                       | Relay                          | Speed-selector, two-speed motor, 24V                                                                                                                         | 110656                           |
| 30                                       | Transformer                    | Refer to <a href="#">Table 3</a>                                                                                                                             |                                  |
| 31                                       | Electric gas valve             | Combination and modulating                                                                                                                                   | Refer to <a href="#">Table 4</a> |

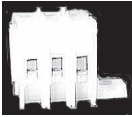
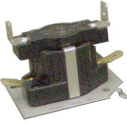
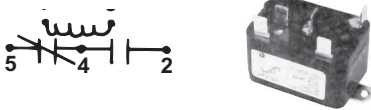
| Table 3. Transformers |         |                 |        |        |
|-----------------------|---------|-----------------|--------|--------|
| kVA                   | Primary |                 |        |        |
|                       | 200/208 | 220/240/440/480 | 277    | 575    |
| 0.25                  | 19807   | 11279           | —      | 113556 |
| 0.50                  | 19808   | 11100           | 14993* | —      |
| 0.75                  | 24453*  | 11217           | 14994* |        |
| 1.00                  | 24454*  | 16065           | 14995* |        |
| 1.50                  | 24455*  | 24392*          | 14996* |        |
| 2.00                  | 24456*  | 26628*          | 14997* |        |
| 3.00                  | 24465*  | 26630*          | 14998* |        |
| 5.00                  | 24466*  | 26631*          | 15003* |        |

\*Special order item.

| Table 4. Electric Gas Valves                                                                                                                                               |          |                                  |                   |        |          |        |        |        |     |        |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------------------------------|-------------------|--------|----------|--------|--------|--------|-----|--------|
| Gas Control Option*                                                                                                                                                        | Gas Type | Valve Type                       | Unit Size (MBTUh) |        |          |        |        |        |     |        |
|                                                                                                                                                                            |          |                                  | 100, 125          | 150    | 175, 200 | 225    | 250    | 300    | 350 | 400    |
|                                                                                                                                                                            |          |                                  | PN                |        |          |        |        |        |     |        |
| AG1                                                                                                                                                                        | NG       | Combination                      | 096307            |        | 121599   |        |        | 221525 |     |        |
|                                                                                                                                                                            | LP       |                                  | 096310            |        |          |        |        | 221526 |     |        |
| AG2, AG3, AG15                                                                                                                                                             | NG       | Combination                      | 177396            |        |          |        |        | 177397 |     |        |
|                                                                                                                                                                            | LP       |                                  | 177398            |        |          |        |        |        |     |        |
| AG7, AG8, AG9, AG21                                                                                                                                                        | NG       | Modulating                       | 042278            | 42279  |          | 42280  |        |        |     |        |
|                                                                                                                                                                            |          | Combination                      | 221526            |        |          |        |        |        |     |        |
|                                                                                                                                                                            | LP       | Modulating                       | 156462            | 156463 |          | 156464 |        |        |     |        |
|                                                                                                                                                                            |          | Combination                      | 221526            |        |          |        |        |        |     |        |
| AG39, AG40                                                                                                                                                                 | NG       | Modulating                       | 174815            | 174838 |          |        | 174840 |        | —   | 174841 |
|                                                                                                                                                                            |          | Combination                      | 096307            |        | 121599   |        |        | 221525 |     | 221525 |
| AG41, AG42                                                                                                                                                                 | NG       | Refer to <a href="#">Table 5</a> |                   |        |          |        |        |        |     |        |
| *AG41 and AG42 are available only with model SSCBL in unit sizes 500, 600, 800, and 1200. SSCBL units are comprised of model SC duct furnaces packaged with a blower unit. |          |                                  |                   |        |          |        |        |        |     |        |

| Table 5. Electric Gas Valves for Natural Gas Options AG41 and AG42 |             |                               |        |
|--------------------------------------------------------------------|-------------|-------------------------------|--------|
| Furnace                                                            | Valve Type  | Model SSCBL Unit Size (MBTUh) |        |
|                                                                    |             | 500                           | 600    |
|                                                                    |             | PN                            |        |
| First                                                              | Modulating  | 174840                        |        |
|                                                                    | Combination | 121599                        | 221525 |
| Second                                                             | Combination | 177396                        |        |

## ELECTRICAL COMPONENTS—CONTINUED

|                                                                                                                                                                                                                                                        |                                                                                                                                    |                                                                                                                                                                                                                                                         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Item 1: Terminal Block</b></p>  <p><b>Item 1A: Terminal Block Adapter</b></p>  | <p><b>Item 2: Control/Damper Transformer</b></p>  | <p><b>Item 3: Time Delay Relay</b></p>                                                                                                                               |
| <p><b>Item 4: Time Delay Relay</b></p>                                                                                                                                | <p><b>Item 5: RBM Relay</b></p>                  | <p><b>Item 6: Relay</b></p>                                                                                                                                          |
| <p><b>Item 7: Time Delay Relay</b></p>                                                                                                                                | <p><b>Item 8: Time Delay Relay</b></p>            | <p><b>Item 9: Limit Control</b></p>  <p><b>Item 9A: Limit Control Shield</b></p>  |

**Figure 2. Individual Electrical Components—Items 1 Through 9 (Refer to [Table 2](#))**

|                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                           |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Item 10: Ignition Controller</p>                                                                                                                                | <div data-bbox="557 170 721 407"></div> <p>PN 257009</p> <div data-bbox="792 180 956 407"></div> <p>PN 257010</p>                                                                                                                                                                                                                                | <p>Item 11:<br/>Combustion<br/>Air Pressure<br/>Switch</p> <div data-bbox="1305 243 1451 386"></div>                                      |
| <p>Item 12: ECO<br/>Device</p> <div data-bbox="378 499 521 596"></div>                                                                                             | <p>Item 13: Blower<br/>Air Flow<br/>Switch</p> <div data-bbox="818 485 976 617"></div>                                                                                                                                                                                                                                                           | <p>Item 14: Firestat</p> <div data-bbox="1305 485 1435 638"></div>                                                                        |
| <p>Item 15: Two-Stage<br/>Ductstat</p> <div data-bbox="396 680 581 982"></div>                                                                                     | <div data-bbox="634 680 971 1016"> <p>Retaining<br/>Plate,<br/>P/N 7727</p> <p>Gasket,<br/>P/N 7726</p> <p>(Entrance<br/>into the<br/>ductwork)</p> <p>Capillary<br/>Tube</p> <p>Element Bracket<br/>shown is P/N 104156<br/>used with Essex<br/>Ductstat<br/>Honeywell ductstat<br/>uses bracket,<br/>P/N 100206.</p> <p>Cabinet Leg</p> </div> | <div data-bbox="1089 680 1419 982"> <p>Ductstat Bulb<br/>in Option AG3</p> <p>Model SC Duct Furnace<br/>Front (Discharge) View</p> </div> |
| <p>Item 16: Remote Ductstat Module</p> <p>A = Ductstat Temperature Selector Module</p> <p>B = Stage Adder Module</p> <p>C = Digital Temperature Display Module</p> |                                                                                                                                                                                                                                                                                                                                                  | <div data-bbox="873 1066 1252 1331"></div>                                                                                                |
| <p>Item 17:<br/>Ductstat<br/>Sensor<br/>and<br/>Holder</p> <div data-bbox="337 1373 695 1570"></div>                                                               | <p>Item 18:<br/>Discharge<br/>Sensor</p> <div data-bbox="1068 1381 1365 1541"></div>                                                                                                                                                                                                                                                             |                                                                                                                                           |
| <p>Item 19:<br/>Signal<br/>Conditioner</p> <div data-bbox="380 1619 581 1793"></div>                                                                               | <p>Item 20: Fuse</p> <div data-bbox="889 1619 976 1646"></div> <p>Item 20A:<br/>Fuse Holder</p> <div data-bbox="894 1709 1003 1780"></div>                                                                                                                                                                                                       | <p>Item 21:<br/>Convenience<br/>Outlet<br/>Receptacle</p> <div data-bbox="1268 1612 1468 1745"></div>                                     |

Figure 3. Individual Electrical Components—Items 10 Through 21 (Refer to [Table 2](#))



## ELECTRICAL COMPONENTS—CONTINUED

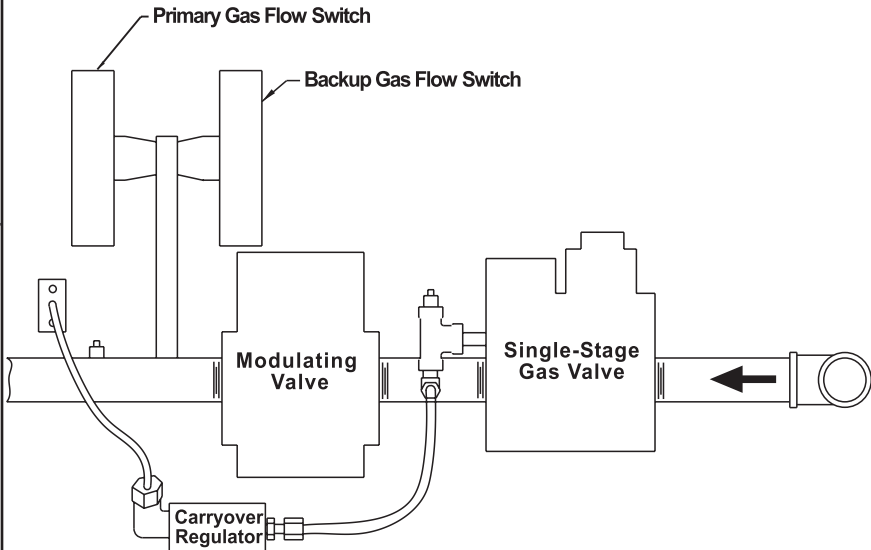
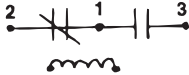
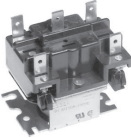
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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <div>Items 22 and 22A:<br/>Reverse Flow<br/>Limit and Bracket</div> <div></div>                                                                                                                                                                                                                                       | <div>Item 24: Remote<br/>Temperature<br/>Selector</div> <div><br/>PN 48042</div> <div><br/>PN 174849</div>                                                                                         |  |
| <div>Item 23: Amplifier</div> <div><br/>PN 260863</div> <div><br/>PN 260864</div> <div><br/>PN 174848</div>                                       |                                                                                                                                                                                                                                                                                                                                                                         |  |
| <div>Item 25: Gas<br/>Pressure Switch,<br/>Low Pressure,<br/>Natural Gas</div> <div></div> <div>Item 26: Gas<br/>Pressure Switch,<br/>Low Pressure, Propane</div>                                                                                                                                                     | <div>Item 28: Gas Flow Switch</div> <div></div>                                                                                                                                                                                                                                      |  |
| <div>Item 27: Gas<br/>Pressure Switch,<br/>High Pressure</div> <div></div> <div>Vent Limiter</div> <div></div> <div>Bracket</div> <div></div> | <div>Item 29: Speed Selector Relay</div> <div></div> <div></div> <div>Item 30: Transformer</div> <div></div> |  |

Figure 4. Individual Electrical Components—Items 22 Through 30 (Refer to [Table 2](#))



## VENTER AND FLUE DUCT COMPONENTS

**NOTE:** Some components apply to packaged duct furnace/blower air handler units (models SCE and SSCBL with certain gas control options).

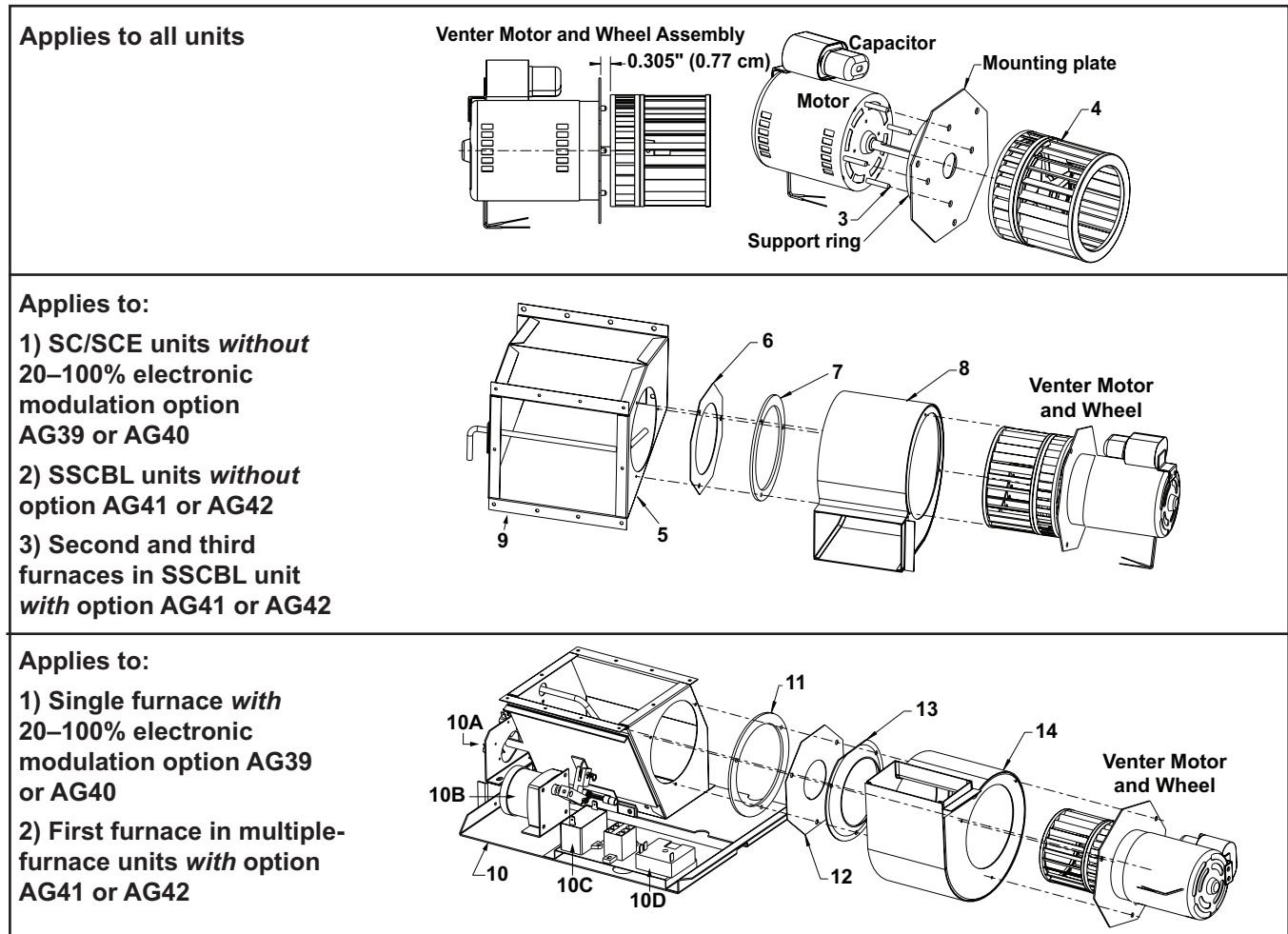


Figure 5. Venter Motor and Wheel Assembly with Flue Duct Components (Refer to [Table 6](#))

## VENTER AND FLUE DUCT COMPONENTS—CONTINUED

| Table 6. Venter and Flue Duct Components |                             |                                |                                   |       |        |            |
|------------------------------------------|-----------------------------|--------------------------------|-----------------------------------|-------|--------|------------|
| Item No.                                 | Component                   | Description                    | Unit Size (MBTUh)                 |       |        |            |
|                                          |                             |                                | 100, 125, 150, 175, 200, 225, 250 | 300   | 350    | 400        |
|                                          |                             |                                | PN (Quantity)*                    |       |        |            |
| 1                                        | Venter motor and capacitor  | 115V, replaces 131410          | 163891                            |       |        |            |
|                                          |                             | 208/230V, replaces 131415      | 163892                            |       |        |            |
|                                          |                             | 460V, replaces 165986          | 163893                            |       |        |            |
| 2                                        | Venter motor mounting plate | Assembly                       | 125344                            |       | 125345 |            |
|                                          |                             | Plate                          | 125347                            |       | 125348 |            |
|                                          |                             | Support ring                   | 125346                            |       | 125346 |            |
| 3                                        | Nut                         | Keps                           | 31522 (4)                         |       |        |            |
| 4                                        | Wheel                       | Venter                         | 43425                             |       | 43814  |            |
| 5                                        | Flue duct                   | With sensing tube              | 125341                            |       |        |            |
| 6                                        | Venter restrictor plate     |                                | Refer to <a href="#">Table 7</a>  |       |        |            |
| 7                                        | Gasket                      | Venter                         | 44695                             |       |        |            |
| 8                                        | Housing                     | Venter                         | 68380                             |       | 68397  |            |
| 9                                        | Cover plate                 | Flue duct                      | 41995                             |       |        |            |
| 9A                                       | Gasket (not shown)          |                                | 41996                             |       |        |            |
| 10                                       | Restrictor and gear motor   | Flue duct, option AG39 or AG40 | 208474                            |       | —      | 208475     |
| 10A                                      | Switch                      | End                            | 174812 (2)                        |       |        | 174812 (2) |
| 10B                                      | Motor                       | Gear                           | 206144                            |       |        | 206144     |
| 10C                                      | Capacitor                   | Gear motor                     | 217031                            |       |        | 217031     |
| 10D                                      | Relay                       | Time delay                     | 206146                            |       |        | 206146     |
| 11                                       | Gasket                      | Venter                         | 44695                             |       |        | 44695      |
| 12                                       | Venter restrictor plate     |                                | Refer to <a href="#">Table 7</a>  |       |        |            |
| 13                                       | Inlet ring                  | Venter                         | —                                 | 62594 | —      | 62594      |
| 14                                       | Housing assembly            |                                | 68380                             |       |        | 68397      |
| 15                                       | Gear motor replacement kit  |                                | 208474                            |       |        | 208475     |

\*Per furnace section. Quantity is one (1) unless otherwise indicated.

\*Per furnace section. Quantity is one (1) unless otherwise indicated.

| Table 7. Venter Restrictor Plates |                         |                                     |                   |        |        |        |        |        |       |       |        |        |
|-----------------------------------|-------------------------|-------------------------------------|-------------------|--------|--------|--------|--------|--------|-------|-------|--------|--------|
| Item No.                          | Component               | Description                         | Unit Size (MBTUh) |        |        |        |        |        |       |       |        |        |
|                                   |                         |                                     | 100               | 125    | 150    | 175    | 200    | 225    | 250   | 300   | 350    | 400    |
|                                   |                         |                                     | PN (Quantity)*    |        |        |        |        |        |       |       |        |        |
| 6                                 | Venter restrictor plate | With aluminized heat exchanger      | 125855            | 125856 | 125857 | 125858 | 125859 | 68386  | 68388 | 43259 | 43260  | 68399  |
|                                   |                         | With stainless steel heat exchanger |                   | 43254  |        | 43257  |        | 43258  |       | 68392 | 125862 | 125863 |
| 12                                | Restrictor plate        | Venter                              | 175786            | 68388  | 68386  | 68390  | 43260  | 175787 | 43260 | —     |        |        |

## HEAT EXCHANGER COMPONENTS

**NOTE:** Units have one heat exchanger per furnace section. When replacing a heat exchanger, check to see if the baffle assembly can be salvaged. If the baffle assembly cannot be salvaged, item 9 from Table 6 must be ordered separately and must be field-installed in the replacement heat exchanger. Baffle parts cannot be installed in the replacement heat exchanger at the factory. They must be ordered separately and installed in the field.

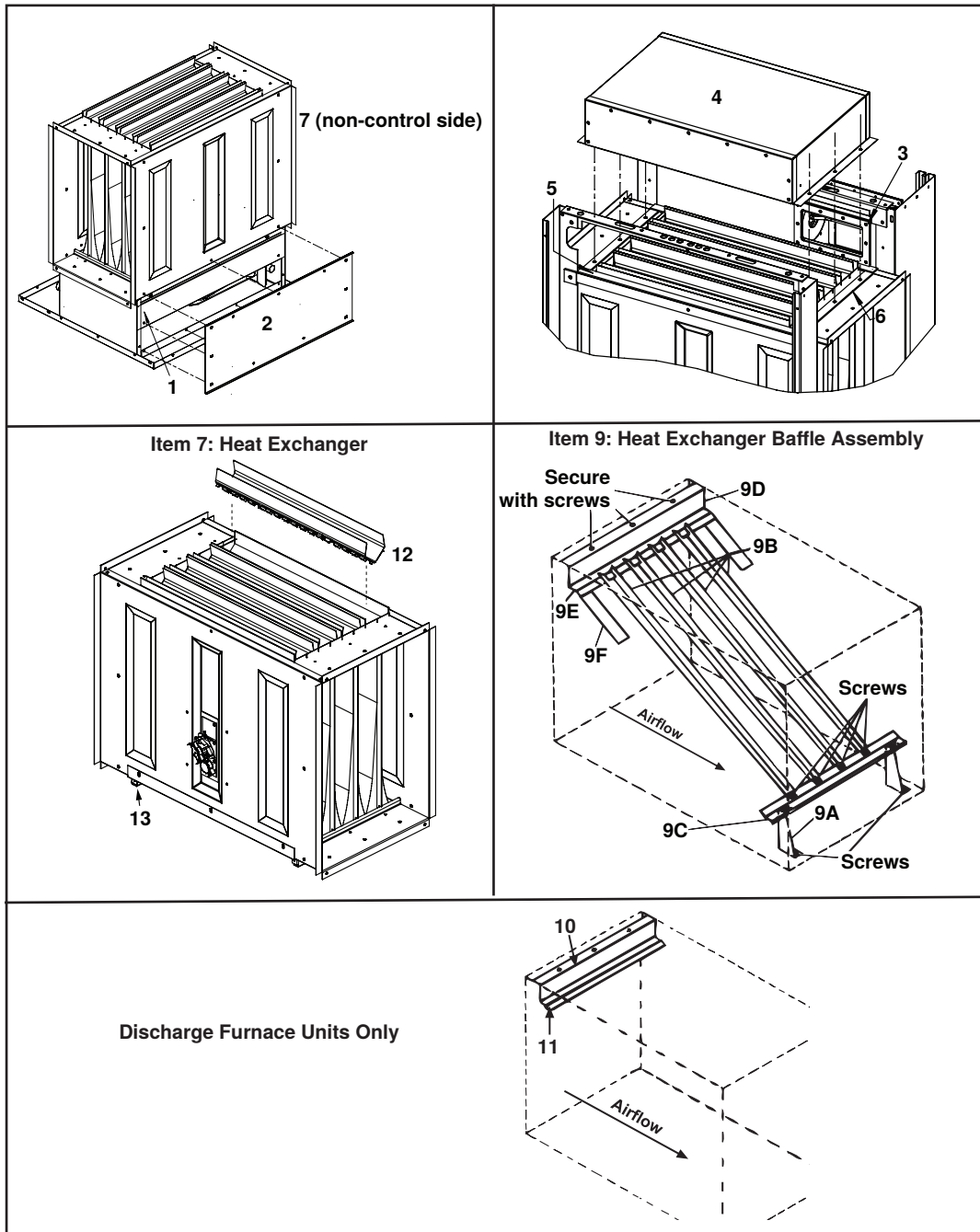


Figure 6. Heat Exchanger Components (Refer to [Table 8](#))

## HEAT EXCHANGER COMPONENTS—CONTINUED

| Table 8. Heat Exchanger Components                                    |                      |                           |                   |            |            |            |             |             |             |
|-----------------------------------------------------------------------|----------------------|---------------------------|-------------------|------------|------------|------------|-------------|-------------|-------------|
| Item No.                                                              | Component            | Description               | Unit Size (MBTUh) |            |            |            |             |             |             |
|                                                                       |                      |                           | 100               | 125        | 150, 175   | 200, 225   | 250, 300    | 350         | 400         |
|                                                                       |                      |                           | PN (Quantity)*    |            |            |            |             |             |             |
| 1                                                                     | Back brace           | Burner rack               | 9525              |            |            |            |             |             |             |
| 2                                                                     | Seal plate           | Rear                      | 38616             |            |            |            |             |             |             |
| 3                                                                     | Gasket               | Outlet duct               | 31900 (2)         |            |            |            |             |             |             |
| 4                                                                     | Collection box       | Flue, assembly            | 125264            | 125265     | 125266     | 125274     | 125275      | 125276      | 125469      |
| 5                                                                     | Gasket               | Side                      | 62933 (2)         |            |            |            |             |             |             |
| 6                                                                     |                      | Front                     | 62921             | 62922      | 62924      | 62926      | 62928       | 62930       | 62932       |
|                                                                       |                      | Rear                      |                   |            |            |            |             |             |             |
| 7                                                                     | Heat exchanger       | Aluminized steel          | 44301             | 44304      | 44307      | 44310      | 44313       | 44316       | 44319       |
|                                                                       |                      | Stainless steel           | 44302             | 44305      | 44308      | 44311      | 44314       | 44317       | 44320       |
| 8                                                                     | Gasket** (not shown) | Heat exchanger            | 62921 (2)         | 62932 (2)  |            |            |             |             |             |
| 9                                                                     | Baffle assembly      |                           | 62933 (2)         |            |            |            |             |             |             |
|                                                                       |                      |                           | 55094             | 55095      | 55096      | 55097      | 55098       | 55099       | 55100       |
| 9A                                                                    | Support bracket      | Finger baffle             | 55101 (2)         |            |            |            | 55101 (4)   |             |             |
| 9B                                                                    | Finger baffle        |                           | 45399 (3)         | 45399 (4)  | 45399 (6)  | 45399 (8)  | 45399 (11)  | 45399 (13)  | 45399 (15)  |
| 9C                                                                    | Baffle support       | Bottom                    | 46478             | 46484      | 46489      | 46494      | 46499       | 46504       | 46509       |
| 9D                                                                    |                      | Rear top                  | 55103             | 55104      | 55106      | 55108      | 55110       | 55112       | 55114       |
| 9E                                                                    | Baffle               | Rear top                  | 55116             | 55117      | 55119      | 55121      | 55123       | 55125       | 55127       |
| 9F                                                                    | Finger baffle        | Side                      | 55128 (2)         |            |            |            |             |             |             |
| 10                                                                    | Baffle support       | Heat exchanger, rear top  | 55103             | 55104      | 55106      | 55108      | 55110       | 55112       | 55114       |
| 11                                                                    | Baffle               |                           | 55228             | 55229      | 55231      | 55233      | 55235       | 55237       | 55239       |
| 12                                                                    | Tube baffle          | V-baffle with turbulators | 125170 (4)        | 125170 (5) | 125170 (7) | 125170 (9) | 125170 (12) | 125170 (14) | 125170 (16) |
| 13                                                                    | Slide rail           | Burner rack               | 9897 (2)          | 9857 (2)   | 9819 (2)   | 9781 (2)   | 9745 (2)    | 9709 (2)    | 9517 (2)    |
| *Per furnace section. Quantity is one (1) unless otherwise indicated. |                      |                           |                   |            |            |            |             |             |             |
| **Required with a replacement heat exchanger.                         |                      |                           |                   |            |            |            |             |             |             |

## BURNER COMPONENTS

**NOTE:** Units have one burner rack per furnace section.

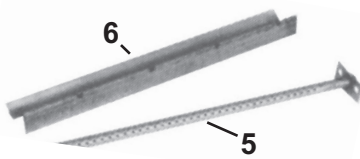
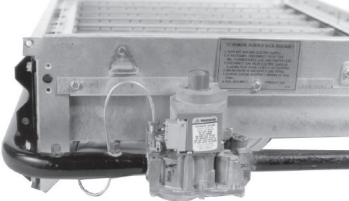
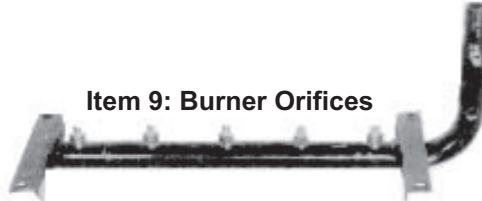
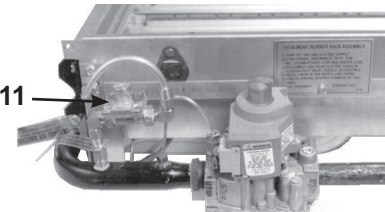
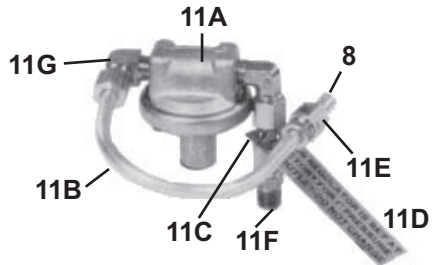
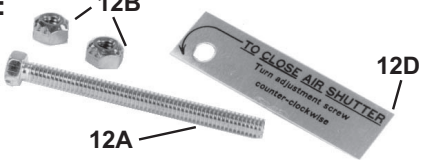
|                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                      |                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Item 1: Burner Rack</b></p>                                                                                                                                                                | <p><b>Item 5: Carryover Lighter Tube</b></p> <p><b>Item 6: Drip Shield</b></p>                    |                                                                                                                                  |
| <p><b>Natural Gas Burner Rack</b></p>  <p style="text-align: center;"><b>Gas Valve</b></p>                                                                                                       | <p><b>Item 10: Manifold</b></p>  <p style="text-align: center;"><b>Item 9: Burner Orifices</b></p> |                                                                                                                                  |
| <p><b>Propane Gas Burner Rack</b></p>  <p style="text-align: center;"><b>Gas Valve</b></p>                                                                                                      | <p><b>Item 11: Regulated Carryover Assembly</b></p>                                               |                                                                                                                                  |
| <p><b>Items 12A–12D: Air Shutter Hardware for Propane Burner Rack</b></p>                                                                                                                      | <p><b>Item 13: Carryover Regulator</b></p>                                                      |                                                                                                                                  |
| <p><b>Item 14: Manual Gas Valve</b></p>   <p><b>PN 196910 or 196911</b>      <b>PN 159725 or 159729</b></p> | <p><b>Item 14A: Ball Valve Adapter</b></p>                                                       | <p><b>Item 15: Pilot Shutoff Valve</b></p>  |

Figure 7. Burner Components (Refer to [Table 9](#))

## BURNER COMPONENTS—CONTINUED

| Table 9. Burner Components |                                        |                                                   |                                   |           |           |           |            |            |            |
|----------------------------|----------------------------------------|---------------------------------------------------|-----------------------------------|-----------|-----------|-----------|------------|------------|------------|
| Item No.                   | Component                              | Description                                       | Unit Size (Model SC/SCE)          |           |           |           |            |            |            |
|                            |                                        |                                                   | 100                               | 125       | 150, 175  | 200, 225  | 250, 300   | 350        | 400        |
|                            |                                        |                                                   | PN (Quantity)*                    |           |           |           |            |            |            |
| 1                          | Burner rack                            | Natural gas, aluminized steel                     | 125287                            | 125288    | 125289    | 125290    | 125291     | 125292     | 125293     |
|                            |                                        | Natural gas, stainless steel                      | 131995                            | 131996    | 131997    | 131998    | 131999     | 132000     | 132001     |
|                            |                                        | Propane, aluminized steel                         | 125698                            | 73749     | 73751     | 73754     | 73757      | 73760      | 73762      |
|                            |                                        | Propane, stainless steel                          | 132067                            | 132068    | 132069    | 132070    | 132071     | 132072     | 132073     |
|                            |                                        | Natural gas, stainless steel, option AG39 or AG40 |                                   |           |           |           |            | —          |            |
| 2                          | Burner tube (not shown)                | Aluminized                                        | 85218 (4)                         | 85218 (5) | 85218 (7) | 85218 (9) | 85218 (12) | 85218 (14) | 85218 (16) |
|                            |                                        | Stainless steel                                   | 87954 (4)                         | 87954 (5) | 87954 (7) | 87954 (9) | 87954 (12) | 87954 (14) | 87954 (16) |
| 3                          | Flash carryover, one-piece (not shown) | Propane                                           | 63128                             | 63131     | 63138     | —         |            |            |            |
|                            |                                        | Natural gas                                       | 63128 (2)                         | 63131 (2) | 63138 (2) |           |            |            |            |
| 4                          | Flash carryover (not shown)            | Right section                                     | —                                 |           |           | 63148     | 63141      | 63148      | 63152      |
|                            |                                        | Left section                                      |                                   |           |           | 63144     |            |            |            |
|                            |                                        | Center section                                    | —                                 |           |           |           | 63156      | 68071      |            |
| 5                          | Carryover lighter tube                 | Propane                                           | 9899                              | 9859      | 9821      | 9783      | 9747       | 9711       | 9520       |
| 6                          | Drip shield                            | Carryover lighter tube, propane                   | 15015                             | 15014     | 15013     | 15012     | 15011      | 15010      | 14957      |
| 7                          | Isinglass (not shown)                  | Burner rack                                       | 10756 (2)                         |           |           |           |            |            |            |
| 8                          | Orifice                                | Carryover                                         | Refer to <a href="#">Table 10</a> |           |           |           |            |            |            |
| 9                          |                                        | Burner                                            |                                   |           |           |           |            |            |            |
| 10                         | Manifold                               | Less orifices                                     | 86338                             | 86339     | 86340     | 86342     | 86343      | 86344      | 86345      |
| 11                         | Regulated carryover assembly           | Propane                                           | 100712                            |           |           |           |            |            |            |
| 11A                        | Carryover regulator                    | Maxitrol RV-12, propane                           | 11294                             |           |           |           |            |            |            |
| 11B                        | Carryover regulator tubing             | 1/4 × 5-1/2 inches long, propane                  | 9681                              |           |           |           |            |            |            |
| 11C                        |                                        | 1/4 × 1-1/4 inches long, propane                  | 11892                             |           |           |           |            |            |            |
| 11D                        | Tag                                    | Carryover regulator, propane                      | 11935                             |           |           |           |            |            |            |
| 11E                        | Carryover regulator fitting            | Compression fitting, propane                      | 9664                              |           |           |           |            |            |            |
| 11F                        |                                        | Regulator to manifold, propane                    | 1436                              |           |           |           |            |            |            |
| 11G                        |                                        | 90-degree brass elbow, propane                    | 18224 (2)                         |           |           |           |            |            |            |
| 12A                        | Adjustment screw                       | Air shutter, 1/4-20 × 2-1/2 inches long           | 10653                             |           |           |           |            |            |            |
| 12B                        | Nut                                    | Air shutter adjustment screw, 1/4-20              | 10650                             |           |           |           |            |            |            |
| 12C                        | Slide tinnerman nut (not shown)        | Air shutter, 1/4-20                               | 10651                             |           |           |           |            |            |            |
| 12D                        | Instruction tag                        | Air shutter adjustment                            | 11934                             |           |           |           |            |            |            |
| 13                         | Carryover regulator                    | Option AG39 or AG40                               | 11294                             |           |           |           |            |            |            |
| 14                         | Manual gas valve, 1/2-inch             | Shutoff, aluminum                                 | 196910                            |           |           |           |            |            |            |
|                            | Union                                  | 1/2-inch                                          | 15971                             |           |           |           |            |            |            |
|                            | Manual gas valve, 3/4-inch             | Shutoff, aluminum                                 | 196911                            |           |           |           |            |            |            |
|                            | Union                                  | 3/4-inch                                          | 15972                             |           |           |           |            |            |            |
|                            | Manual gas valve, 1-inch               | 125 psig                                          | 159725                            |           |           |           |            |            |            |
|                            | Manual gas valve, 1-1/4-inch           |                                                   | 159729                            |           |           |           |            |            |            |
| 14A                        | Ball valve adapter                     | 1/2-inch                                          | 120373                            |           |           |           |            |            |            |
|                            |                                        | 3/4-inch                                          | 120169                            |           |           |           |            |            |            |
|                            |                                        | 1-inch                                            | 110758                            |           |           |           |            |            |            |
|                            |                                        | 1-1/4-inch                                        | 110759                            |           |           |           |            |            |            |
| 15                         | Shutoff valve                          | Pilot                                             | 3284                              |           |           |           |            |            |            |

\*Per furnace section. Quantity is one (1) unless otherwise indicated.

| Table 10. Carryover Orifices |                   |                    |            |            |           |
|------------------------------|-------------------|--------------------|------------|------------|-----------|
| Gas Type                     | Unit Size (MBTUh) |                    |            |            |           |
|                              | 100, 125          | 150, 175, 200, 225 | 250, 300   | 350        | 400       |
|                              | PN (Drill Size)   |                    |            |            |           |
| NG                           | 9870 (70)         | 9680 (65)          | 10370 (59) | —          | 9791 (56) |
| LP                           |                   |                    |            | 38274 (57) |           |

| Table 11. Burner Orifices |                                        |          |                           |                    |                |                    |                |                    |                 |                     |                     |                     |
|---------------------------|----------------------------------------|----------|---------------------------|--------------------|----------------|--------------------|----------------|--------------------|-----------------|---------------------|---------------------|---------------------|
| Installation Location     | Installation Elevation (Feet (Meters)) | Gas Type | Unit Size (MBTUh)         |                    |                |                    |                |                    |                 |                     |                     |                     |
|                           |                                        |          | 100                       | 125                | 150            | 175                | 200            | 225                | 250             | 300                 | 350                 | 400                 |
|                           |                                        |          | PN, Drill Size (Quantity) |                    |                |                    |                |                    |                 |                     |                     |                     |
| US, Canada                | 0–2001 (0–610)                         | NG       | 11792, #41 (4)            | 84437, #42 (5)     | 11833, #44 (7) | 84437, #42 (7)     | 11828, #43 (9) | 84437, #42 (9)     | 11833, #44 (12) | 84437, #42 (12)     | 84437, #42 (14)     | 84437, #42 (16)     |
|                           |                                        | LP       | 61652, 1.45 mm (4)        | 61652, 1.45 mm (5) | 11830, #55 (7) | 61652, 1.45 mm (7) | 11830, #55 (9) | 61652, 1.45 mm (9) | 11830, #55 (12) | 61652, 1.45 mm (12) | 61652, 1.45 mm (14) | 61652, 1.45 mm (16) |
| US                        | 2001–3000 (611–915)                    | NG       | 84437, #42 (4)            | 84437, #42 (5)     | 38678, #45 (7) | 84437, #42 (7)     | 11833, #44 (9) | 84437, #42 (9)     | 38678, #45 (12) | 84437, #42 (12)     | 84437, #42 (14)     | 84437, #42 (16)     |
|                           |                                        | LP       | 11834, #54 (4)            | 11834, #54 (5)     | 11830, #55 (7) | 11834, #54 (7)     | 11830, #55 (9) | 11834, #54 (9)     | 11830, #55 (12) | 11834, #54 (12)     | 11834, #54 (14)     | 11834, #54 (16)     |
| Canada                    | 2001–4500 (611–1373)                   | NG       | 84437, #42 (4)            | 11828, #43 (5)     | 38678, #45 (7) | 11828, #43 (7)     | 11833, #44 (9) | 11828, #43 (9)     | 38678, #45 (12) | 11828, #43 (12)     | 11828, #43 (14)     | 11828, #43 (16)     |
|                           |                                        | LP       | 11834, #54 (4)            | 11834, #54 (5)     | 11830, #55 (7) | 11834, #54 (7)     | 11830, #55 (9) | 11834, #54 (9)     | 11830, #55 (12) | 11834, #54 (12)     | 11834, #54 (14)     | 11834, #54 (16)     |
| US                        | 3001–4000 (916–1220)                   | NG       | 84437, #42 (4)            | 11828, #43 (5)     | 38678, #45 (7) | 11828, #43 (7)     | 11833, #44 (9) | 11828, #43 (9)     | 38678, #45 (12) | 11828, #43 (12)     | 11828, #43 (14)     | 11828, #43 (16)     |
|                           |                                        | LP       | 11834, #54 (4)            | 11834, #54 (5)     | 11830, #55 (7) | 11834, #54 (7)     | 11830, #55 (9) | 11834, #54 (9)     | 11830, #55 (12) | 11834, #54 (12)     | 11834, #54 (14)     | 11834, #54 (16)     |
|                           | 4001–5000 (1221–1525)                  | NG       | 84437, #42 (4)            | 11828, #43 (5)     | 38678, #45 (7) | 11828, #43 (7)     | 11833, #44 (9) | 11828, #43 (9)     | 38678, #45 (12) | 11828, #43 (12)     | 11828, #43 (14)     | 11828, #43 (16)     |
|                           |                                        | LP       | 11834, #54 (4)            | 11834, #54 (5)     | 11830, #55 (7) | 11834, #54 (7)     | 11830, #55 (9) | 11834, #54 (9)     | 11830, #55 (12) | 11834, #54 (12)     | 11834, #54 (14)     | 11834, #54 (16)     |
|                           | 5001–6000 (1526–1830)                  | NG       | 11828, #43 (4)            | 11828, #43 (5)     | 16590, #46 (7) | 11828, #43 (7)     | 38678, #45 (9) | 11828, #43 (9)     | 16590, #46 (12) | 11828, #43 (12)     | 11828, #43 (14)     | 11828, #43 (16)     |
|                           |                                        | LP       | 97360, 1.35 mm (4)        | 97360, 1.35 mm (5) | 39658, #56 (7) | 97360, 1.35 mm (7) | 39658, #56 (9) | 97360, 1.35 mm (9) | 39658, #56 (12) | 97360, 1.35 mm (12) | 97360, 1.35 mm (14) | 97360, 1.35 mm (16) |
|                           | 6001–7000 (1831–2135)                  | NG       | 11828, #43 (4)            | 11833, #44 (5)     | 84853, #47 (7) | 11833, #44 (7)     | 38678, #45 (9) | 11833, #44 (9)     | 84853, #47 (12) | 11833, #44 (12)     | 11833, #44 (14)     | 11833, #44 (16)     |
|                           |                                        | LP       | 97360, 1.35 mm (4)        | 97360, 1.35 mm (5) | 39658, #56 (7) | 97360, 1.35 mm (7) | 39658, #56 (9) | 97360, 1.35 mm (9) | 39658, #56 (12) | 97360, 1.35 mm (12) | 97360, 1.35 mm (14) | 97360, 1.35 mm (16) |
|                           | 7001–8000 (2136–2440)                  | NG       | 11833, #44 (4)            | 11833, #44 (5)     | 84853, #47 (7) | 11833, #44 (7)     | 16590, #46 (9) | 11833, #44 (9)     | 84853, #47 (12) | 11833, #44 (12)     | 11833, #44 (14)     | 11833, #44 (16)     |
|                           |                                        | LP       | 11830, #55 (4)            | 11830, #55 (5)     | 39658, #56 (7) | 11830, #55 (7)     | 39658, #56 (9) | 11830, #55 (9)     | 39658, #56 (12) | 11830, #55 (12)     | 11830, #55 (14)     | 11830, #55 (16)     |
|                           | 8001–9000 (2441–2745)                  | NG       | 11833, #44 (4)            | 38678, #45 (5)     | 40414, #48 (7) | 38678, #45 (7)     | 84853, #47 (9) | 38678, #45 (9)     | 40414, #48 (12) | 38678, #45 (12)     | 38678, #45 (14)     | 38678, #45 (16)     |
|                           |                                        | LP       | 11830, #55 (4)            | 11830, #55 (5)     | 39658, #56 (7) | 11830, #55 (7)     | 39658, #56 (9) | 11830, #55 (9)     | 39658, #56 (12) | 11830, #55 (12)     | 11830, #55 (14)     | 11830, #55 (16)     |
|                           | 9001–10,000 (2746–3048)                | NG       | 38678, #45 (4)            | 16590, #46 (5)     | 40414, #48 (7) | 16590, #46 (7)     | 84853, #47 (9) | 16590, #46 (9)     | 40414, #48 (12) | 16590, #46 (12)     | 16590, #46 (14)     | 16590, #46 (16)     |
|                           |                                        | LP       | 11830, #55 (4)            | 11830, #55 (5)     | 39658, #56 (7) | 11830, #55 (7)     | 39658, #56 (9) | 11830, #55 (9)     | 39658, #56 (12) | 11830, #55 (12)     | 11830, #55 (14)     | 11830, #55 (16)     |



## PILOT REPLACEMENT KITS

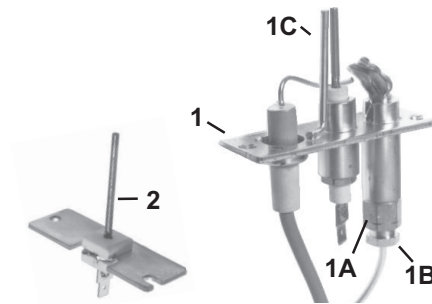


Figure 8. Vertical Spark Pilot (Refer to [Table 12](#))

| Table 12. Vertical Spark Pilot Replacement Kit Components |                     |                                                       |                         |         |
|-----------------------------------------------------------|---------------------|-------------------------------------------------------|-------------------------|---------|
| Item No.                                                  | Component           | Description                                           | Natural Gas             | Propane |
|                                                           |                     |                                                       | Kit PN                  |         |
|                                                           |                     |                                                       | 131457                  | 131458  |
|                                                           |                     |                                                       | Comonent PN (Quantity)* |         |
| 1                                                         | Pilot assembly      | Includes pilot orifice, pilot tubing, and flame probe | 125251                  | 125671  |
| 1A                                                        | Orifice             | Pilot                                                 | 103034                  | 126024  |
| 1B                                                        | Tubing              | Pilot, 1/8 OD × 18 inches long                        | 98698                   |         |
| 1C                                                        | Probe               | Flame                                                 | 126104                  |         |
| 2                                                         | Auxiliary probe     | Flame, with bracket                                   | 126101                  |         |
| 3                                                         | Lead (not shown)    | Flame sensor, 18-gauge × 14-inch, 150°C               | 125401 (2)              |         |
| 4                                                         | Fitting (not shown) | Compression                                           | 97572 (2)               |         |

\*Quantity is one (1) unless otherwise indicated.

## CABINET COMPONENTS

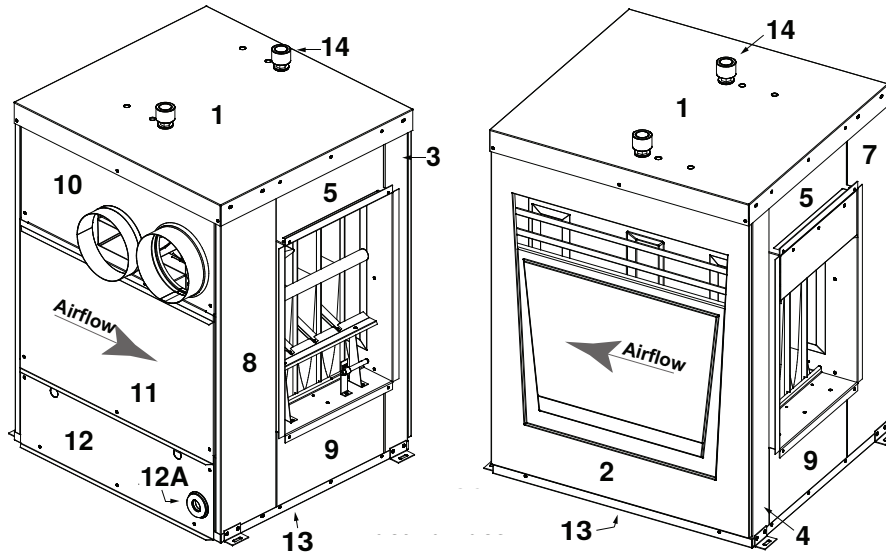


Figure 9. Cabinet Components (Refer to [Table 13](#))

| Table 13. Cabinet Components                     |                         |                                 |                |          |          |          |           |           |           |       |
|--------------------------------------------------|-------------------------|---------------------------------|----------------|----------|----------|----------|-----------|-----------|-----------|-------|
| Item No.                                         | Component               | Description                     | Unit Size      |          |          |          |           |           |           |       |
|                                                  |                         |                                 | 100            | 125      | 150, 175 | 200, 225 | 250       | 300       | 350       | 400   |
|                                                  |                         |                                 | PN (Quantity)* |          |          |          |           |           |           |       |
| 1                                                | Casing top assembly     | With insulation                 | 125309         | 125310   | 125311   | 125312   | 125313    | 125314    | 125315    |       |
| 2                                                | Casing side panel       | Right, with insulation          | 80582          |          |          | 80585    |           |           |           |       |
| 3                                                | Corner leg              | Right front                     | 10309          |          |          | 10311    |           |           |           |       |
| 4                                                |                         | Right rear                      | 10310          |          |          | 10312    |           |           |           |       |
| 5                                                | Top                     | Front, with insulation          | 126330         | 64667    | 64669    | 80574    | 80576     | 80578     | 80580     |       |
| 6                                                | Top (not shown)         | Back, with insulation           | 126330         | 64667    | 64669    | 80574    | 80576     | 80578     | 80580     |       |
| 7                                                | Control side corner leg | Left rear                       | 126109         |          |          | 126110   |           |           |           |       |
| 8                                                |                         | Left front                      | 126111         |          |          | 126112   |           |           |           |       |
| 9                                                | Panel assembly          | Bottom front, with insulation   | 67693          | 64662    | 64664    | 80561    | 80564     | 80567     | 80570     |       |
|                                                  |                         | Bottom rear, with insulation    |                |          |          |          |           |           |           |       |
| 10                                               |                         |                                 | Venter         | 125351   |          |          | 130224    |           |           |       |
| 11                                               |                         | Access (not shown)              | 126012         |          |          |          |           |           |           |       |
| 12                                               | Side panel**            | Bottom left, with insulation    | 125695         |          |          | —        |           |           |           |       |
|                                                  |                         | Bottom left                     | —              |          |          | 125692   |           | 125693    |           |       |
| 12A                                              | Grommet                 | Vinyl                           | 102607         |          |          |          |           | 15021     |           |       |
| 13                                               | Bottom pan assembly     | Aluminized steel                | 125267         | 125268   | 125269   | 125270   | 125271    | 125272    | 125273    |       |
|                                                  |                         | Stainless steel                 | 129516         | 129517   | 129518   | 129519   | 129520    | 129521    | 129522    |       |
| 14                                               | Hanger                  | Assembly                        | 9557 (2)       |          |          |          |           |           |           |       |
| 15                                               | Support (not shown)     | Mounting                        | 74487 (4)      |          |          |          |           |           |           |       |
| 16                                               | Frame (not shown)       | Louver, with horizontal louvers | 10020          | 10018    | 10016    | 10014    | 10012     | 10012     | 10010     | 10001 |
| 17                                               | Louver (not shown)      | Horizontal                      | 9923 (5)       | 9887 (5) | 9847 (5) | 9808 (5) | 9769 (10) | 9733 (10) | 9553 (10) |       |
| 18                                               |                         | Vertical                        | 9554 (4)       |          | 9554 (6) | 9554 (8) | 9554 (10) | 9554 (12) | 9554 (14) |       |
| 19                                               | Paint (not shown)       | Touchup, maroon, 12-oz can      | 207432         |          |          |          |           |           |           |       |
| 20                                               | Sealant (not shown)     | 3M, gray                        | 100117         |          |          |          |           |           |           |       |
| *Quantity is one (1) unless otherwise indicated. |                         |                                 |                |          |          |          |           |           |           |       |
| **Includes grommet and sight hole cover.         |                         |                                 |                |          |          |          |           |           |           |       |

## ACCESORIES/OPTIONS

### Vent/Combustion Air Kits (Options CC2 and CC6)

**NOTE:** A vent/combustion air kit is required on all units (one per furnace).

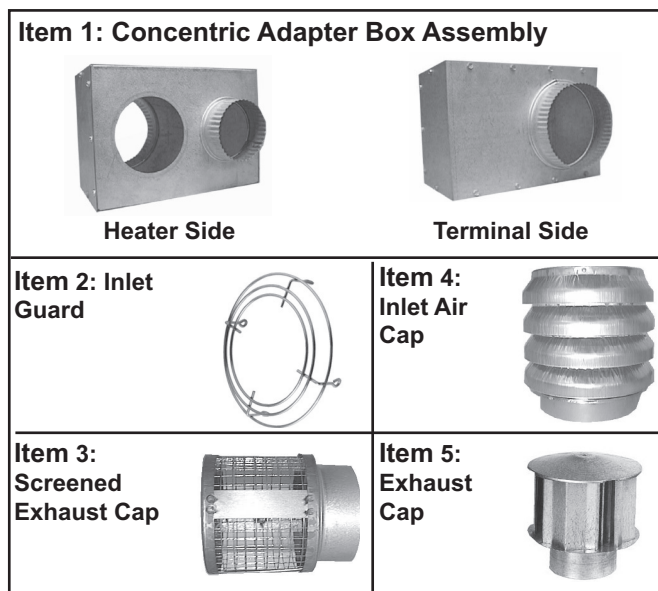


Figure 11. Vent/Combustion Air Kit Components (Refer to [Table 14](#))

| Table 14. Vent/Combustion Air Kits               |                                                              |                            |                              |
|--------------------------------------------------|--------------------------------------------------------------|----------------------------|------------------------------|
| Item No.                                         | Component                                                    | Vertical Vent (Option CC2) | Horizontal Vent (Option CC6) |
|                                                  |                                                              | Kit PN                     |                              |
|                                                  |                                                              | 205896                     | 205883                       |
|                                                  |                                                              | Component PN (Quantity)*   |                              |
| 1                                                | Concentric adapter box assembly                              | 205885                     |                              |
| 1A                                               | Concentric adapter box bracket (not shown)                   | 207232 (2)                 |                              |
| 2                                                | Inlet guard, replaces inlet screen                           | —                          | 205894                       |
| 2A                                               | Screw, #10-16 × 1/2-inch-long                                | 37661 (4)                  |                              |
| 3                                                | Screened exhaust cap                                         | —                          | 53316                        |
| 4                                                | Inlet air cap                                                | 53330                      | —                            |
| 5                                                | Exhaust cap                                                  | 110052                     |                              |
| 6                                                | Sealant, silicone, tube, high temperature, 450°F (not shown) | 53335                      |                              |
| *Quantity is one (1) unless otherwise indicated. |                                                              |                            |                              |

\*Quantity is one (1) unless otherwise indicated.

### Manual Shutoff Valve (Options CE1 and CE2)



Figure 10. Manual Shutoff Valve Assembly

| Table 15. Shutoff Valve Components |                       |  |                       |
|------------------------------------|-----------------------|--|-----------------------|
| Component                          | Option CE1 (1/2-Inch) |  | Option CE2 (3/4-Inch) |
|                                    | PN                    |  |                       |
| Shutoff valve assembly             | 15971                 |  | 15972                 |
| Ball valve                         | 196910                |  | 196911                |
| Union                              | 1224                  |  | 1101                  |

### Thermostats (Options CL1, CL9, CL22, CL33, CL52, CM1, and CMB1)

**NOTE: Thermostats can be either wall-mounted or mounted on the remote console.**

| Table 16. Thermostats |                                      |                                                                |        |
|-----------------------|--------------------------------------|----------------------------------------------------------------|--------|
| Option                | Type                                 | Description                                                    | PN     |
| CL1                   | Single-stage heating/cooling         | 24V, snap-acting, 50–90°F, with fan AUTO/ON and COOL/OFF/HEAT  | 255350 |
| CL9                   | Electronic modulating                | Low voltage for makeup air, room override, 60–85°F             | 24857  |
| CL22                  | Two-stage heating/cooling            | 24V, digital, 40–90°F, with fan AUTO/ON                        | 220630 |
| CL33                  | Electronic two-stage heating/cooling | 24V, programmable                                              | 221038 |
| CL52                  | Single-stage heating/cooling         | 24V, programmable, 45–88°F, with fan AUTO/ON and COOL/OFF/HEAT | 220632 |
| CM1                   | Thermostat guard with locking cover  | For CL1, CL9, CL22, and CL52                                   | 257464 |
| CMB1                  |                                      | For CL33                                                       | 257463 |

### Toggle Switches (Options CN1, CN2, CN3, and CN4)

**NOTE: When replacing SPST switch with SPDT switch, make wiring connections at appropriate two terminals for switch to function properly.**

| Table 17. Toggle Switches |                                         |        |
|---------------------------|-----------------------------------------|--------|
| Option                    | Description                             | PN     |
| CN1                       | DPDT, three-position, in 4 × 4 box      | 40277  |
|                           | DPDT, three-position, replaces PN 21826 | 101900 |
| CN2                       | DPST, two-position, in 2 × 4 box        | 39732  |
|                           | DPST, two-position, replaces PN 16816   | 101902 |
| CN3                       | SPDT, two-position, in 2 × 4 box        | 39733  |
|                           | DPST, two-position, replaces PN 1052    | 101901 |
| CN4                       | SPST, two-position, in 2 × 4 box        | 39748  |

### Disconnect Switches (Options CP1, CP2, CP3, CP4, CP5, CP6, CP7, CP8, CP42, and CP58)

**NOTE: Fusible switches listed do not include fuses.**

| Table 18. Disconnect Switches |       |                        |                       |        |        |        |
|-------------------------------|-------|------------------------|-----------------------|--------|--------|--------|
| Amps                          | Volts | Non-Fusible or Fusible | Installation Location |        |        |        |
|                               |       |                        | US                    |        | Canada |        |
|                               |       |                        | Option                | PN     | Option | PN     |
| 30                            | 240   | Non-Fusible            | CP1                   | 40267  | —      |        |
|                               |       | Fusible                | CP2                   | 40268  |        |        |
|                               | 600   | Non-Fusible            | CP3                   | 50365  | CP58   | 208054 |
|                               |       | Fusible                | CP4                   | 50366  | CP41   | 208046 |
| 60                            | 240   | Non-Fusible            | CP21                  | 161462 | —      |        |
|                               |       | Fusible                | CP17                  | 161459 |        |        |
|                               | 600   | Non-Fusible            | CP23                  | 161464 | CP60   | 208055 |
|                               |       | Fusible                | CP20                  | 161461 | CP43   | 208047 |
| 100                           | 240   | Non-Fusible            | CP22                  | 161463 | —      |        |
|                               |       | Fusible                | CP18                  | 90973  |        |        |
|                               | 600   | Non-Fusible            | CP24                  | 164330 | CP62   | 208057 |
|                               |       | Fusible                | CP36                  | 155010 | CP45   | 208049 |

## ACCESSORIES/OPTIONS—CONTINUED

### Condensate Drain Kit (Option CS1)

**NOTE:** Terminate the condensate drain outside of the building.

**Table 20. Condensate Drain Kit (PN 31765) Components**

| Component                 | PN    | Quantity |
|---------------------------|-------|----------|
| Waste nut, 3/4            | 10293 | 1        |
| Machine screw, #10-32 × 1 | 46250 | 2        |
| Hex nut, #10-32           | 26490 | 2        |
| RTV sealant, 3-OZ tube    | 53335 | 1        |
| Sheet metal screw         | 2444  | 2        |

### Photoelectric Air Duct Smoke Detector (Option SA1)

**NOTE:** Order the sampling tube based on the width of the duct where it will be installed. Install the smoke detector in accordance with the manufacturer's instructions provided with the detector.

**Table 19. Air Duct Smoke Detector Components**

| Component      | Duct Width (Feet) | PN     |
|----------------|-------------------|--------|
| Smoke detector | —                 | 159553 |
| Sampling tube  | ≤ 1               | 259069 |
|                | 1–2               | 159714 |
|                | 2–4               | 558864 |
|                | 4–8               | 558865 |

### Manual Gas Valves

**Table 21. Manual Gas Valves**

| Component          | Description          | PN     |
|--------------------|----------------------|--------|
| Pilot valve        | Shutoff              | 3284   |
| Gas valve          | 125 PSIG, 1-inch     | 159725 |
|                    | 125 PSIG, 1-1/4-inch | 159729 |
| Ball valve adapter | 1-inch               | 110758 |
|                    | 1-1/4-inch           | 110759 |
|                    | 1/2-inch             | 120373 |
|                    | 3/4-inch             | 120169 |

