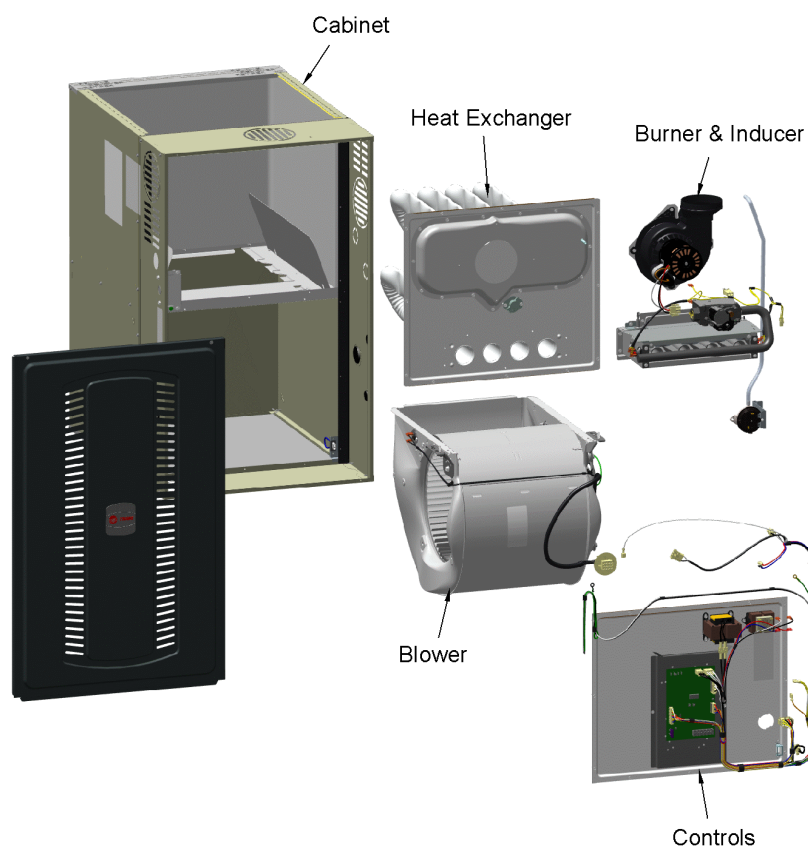


S-SERIES FURNACE 80%

75013068

RP  
A



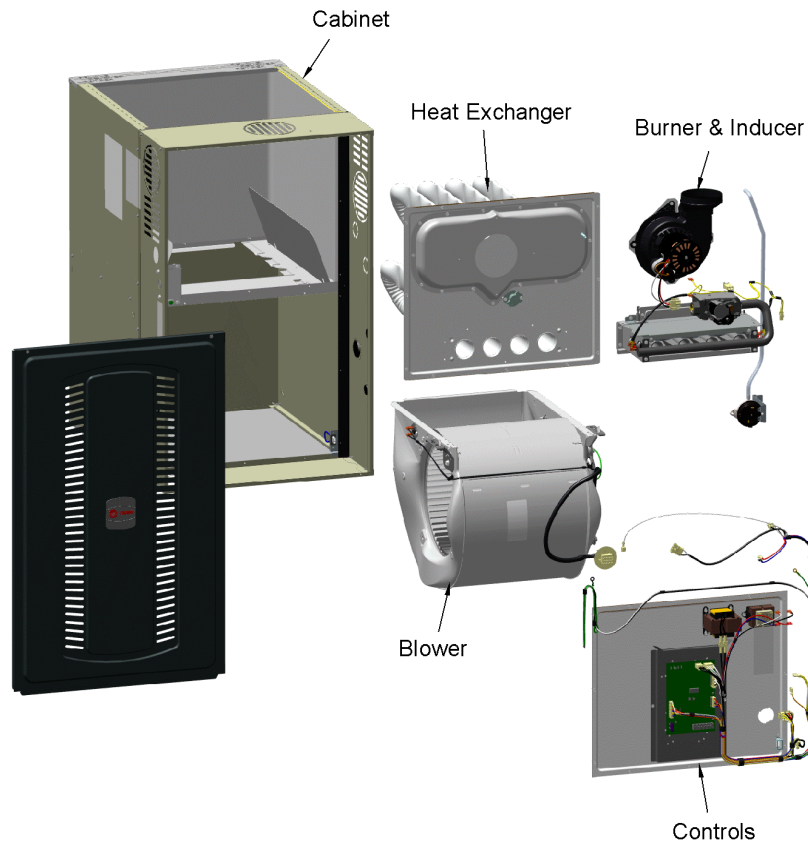
This is a typical illustration. The unit in the field may not appear exactly as shown.

| Part No.                  | Reference No. | Quantity | Description                 |
|---------------------------|---------------|----------|-----------------------------|
| 75013070#S8X1UP1~S        | *             |          | BLOWER                      |
| 75013071#S8X1UP1~S        | *             |          | BURNER & INDUCER            |
| 75013074#S8X1UP1~S        | *             |          | CABINET                     |
| 75013069#S8X1UP1~S        | *             |          | CONTROLS                    |
| 75013381#S8X1UP1~S        | *             |          | HEAT EXCHANGER              |
| 75011116#S8X1UP1~S        | *             |          | MODEL NUMBER DESCRIPTION    |
| S8X1ACCY#S8X1UP1~S        | *             |          | OPTIONAL ACCESSORIES        |
| 75013068_S8X1UP1_157975~P | *             |          | S-SERIES FURNACE PARTS LIST |

S-SERIES FURNACE 80%

75013068

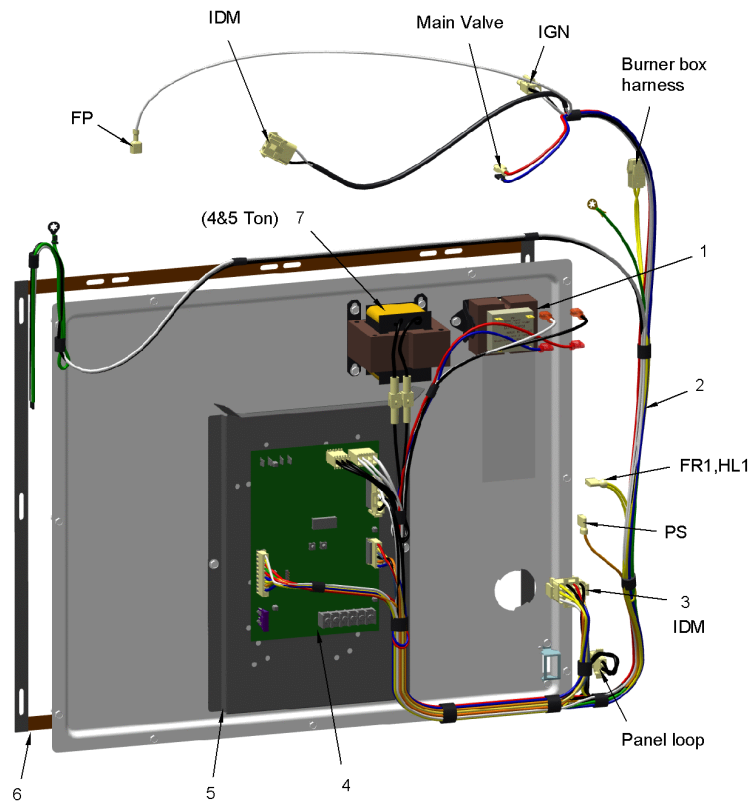
RP  
A



This is a typical illustration. The unit in the field may not appear exactly as shown.

## CONTROLS

75013069

RP  
A

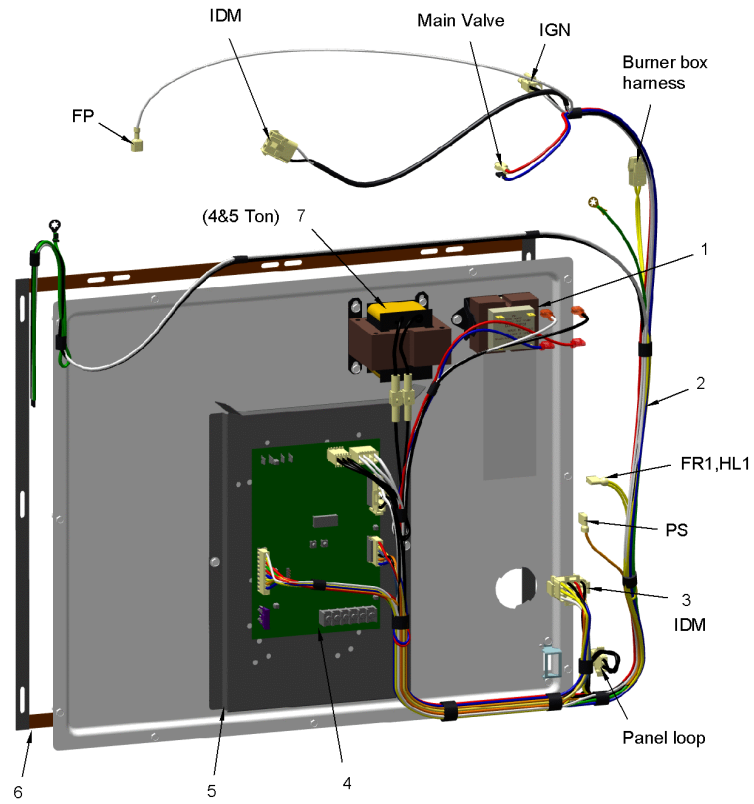
This is a typical illustration. The unit in the field may not appear exactly as shown.

| Part No.                  | Reference No. | Quantity | Description         |
|---------------------------|---------------|----------|---------------------|
| 75013069_S8X1UP1_157977~P | *             |          | CONTROLS PARTS LIST |

CONTROLS

75013069

RP  
A



This is a typical illustration. The unit in the field may not appear exactly as shown.

## CONTROLS PARTS LIST

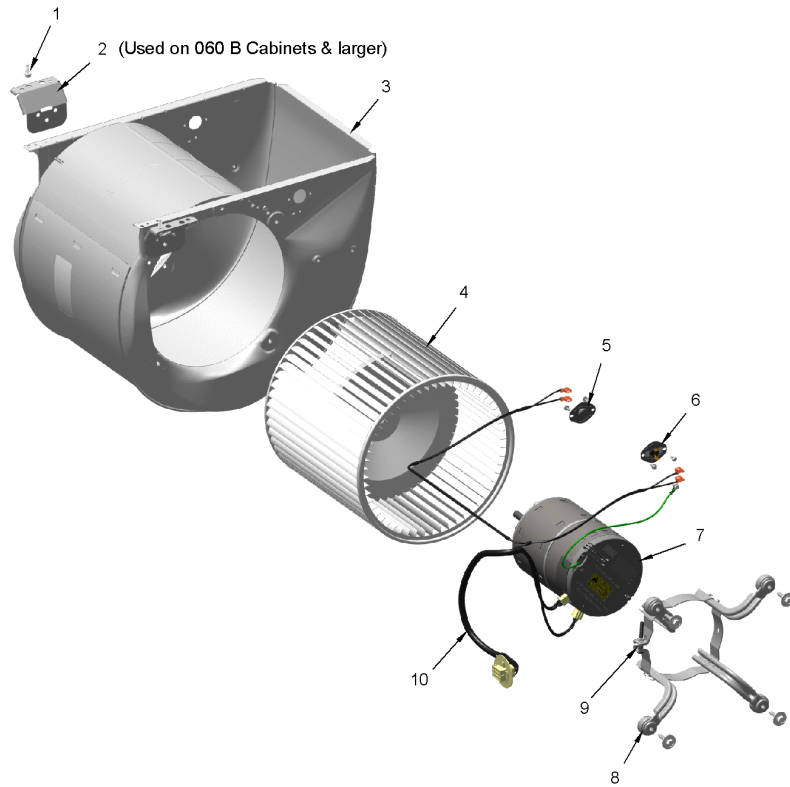
Parts List Number :75013068#S8X1UP1

Model Number :S8X1C080M5PTAAA

| Part No. | Reference No. | Quantity | Description                                                                                |
|----------|---------------|----------|--------------------------------------------------------------------------------------------|
| TRR02736 | 1             | 1        | TRANSFORMER; 115V-24V, 35VA, 60 HZ, CLASS 2                                                |
| WIR09220 | 2             | 1        | WIRE; HARNESS, POWER & CONTROLS, CHOKE                                                     |
| CNT07872 | 4             | 1        | CONTROL; IFC-1-CTM (THE CNT07639 PRINTED DIRECTLY ON THE IFC IS THE SAME PART AS CNT07872) |
| GKT05000 | 5             | 1        | GASKET; VESTIBULE GASKETS, ONE SIZE FITS ALL - TRIM TO FIT                                 |
| SHD00602 | 6             | 1        | SHIELD; BRACKET-IFC, SHEET METAL, 5.91 X 9.03                                              |
| TRR02737 | 7             | 1        | TRANSFORMER; CHOKE LINE, 12 AMPS RMS AC, 600V                                              |

## BLOWER

75013070

RP  
A

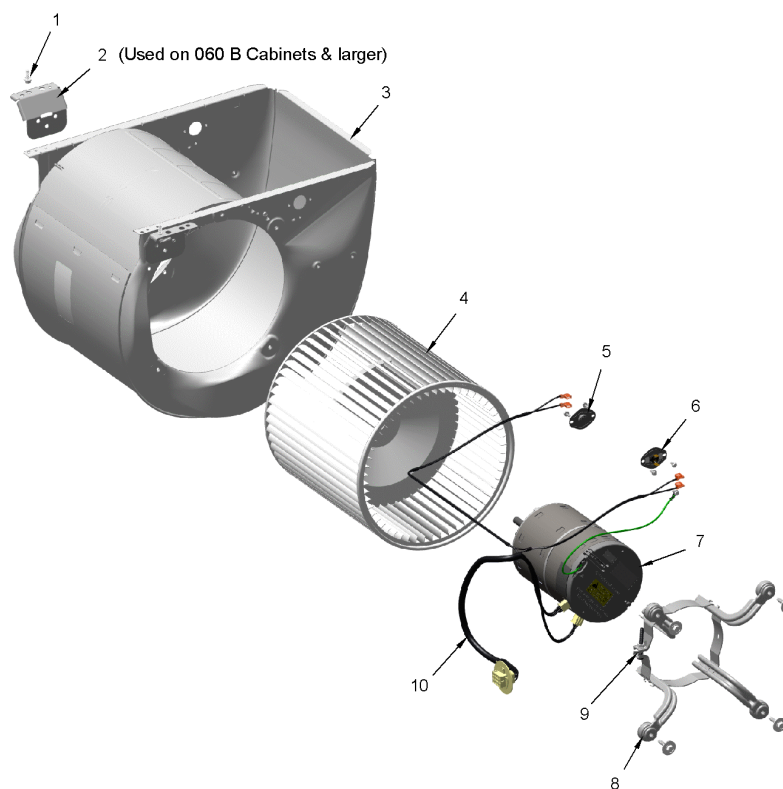
This is a typical illustration. The unit in the field may not appear exactly as shown.

| Part No.                  | Reference No. | Quantity | Description       |
|---------------------------|---------------|----------|-------------------|
| 75013070_S8X1UP1_157978~P | *             |          | BLOWER PARTS LIST |

BLOWER

75013070

RP  
A



This is a typical illustration. The unit in the field may not appear exactly as shown.

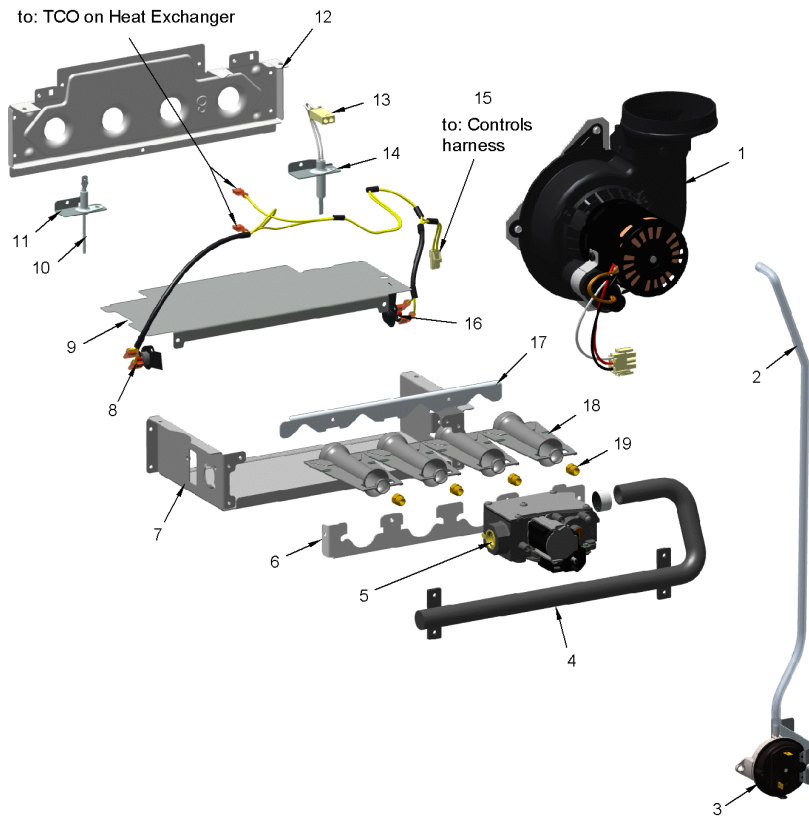
| Part No. | Reference No. | Quantity | Description                                                                   |
|----------|---------------|----------|-------------------------------------------------------------------------------|
| SCR02624 | *             | 4        | SCREW; 8-18 X 7/8, TYPE AB, HEX CAP                                           |
| SCR01011 | 1             | 3        | SCREW; 1/4-20 C HXW 5/8 S N                                                   |
| BRK05035 | 2             | 2        | BRACKET; BLOWER-OFFSET                                                        |
| HUS04382 | 3             | 1        | HOUSING; REPL-HOUSING-METALLICA 11                                            |
| WHL03718 | 4             | 1        | WHEEL; BLOWER, 11.95 IN DIA, 11.93 IN WIDTH, 0.50 IN BORE, 54 BLADES, CW      |
| SWT04157 | 5             | 1        | SWITCH-REVERSE FLOW                                                           |
| SWT04156 | 6             | 1        | SWITCH-REVERSE FLOW                                                           |
| MOT18722 | 7             | 1        | MOTOR; CONSTANT TORQUE, PROGRAMMED, 1 HP, 120/50-60/1, 48 FRAME, BALL BEARING |
| BLT01015 | 8             | 1        | BOLT; BELLY BAND, 1/4-20 UNC-2B, 3/8 HEX WASHER HEAD                          |
| BND00932 | 9             | 1        | BAND; MOTOR MOUNT, 17.62 LENGTH                                               |
| BND00934 | 9             | 1        | BAND; BELLY BAND ASSEMBLY, INCLUDES BAND, MOTOR LEGS, MOUNTING HARDWARE       |
| WIR09218 | 10            | 1        | WIRE; HARNESS, BLOWER, 12 PIN                                                 |

BURNER & INDUCER

75013071

RP  
A

(Items 6, 7, 9, 12 & 17 are considered as non-replaceable parts)



This is a typical illustration. The unit in the field may not appear exactly as shown.

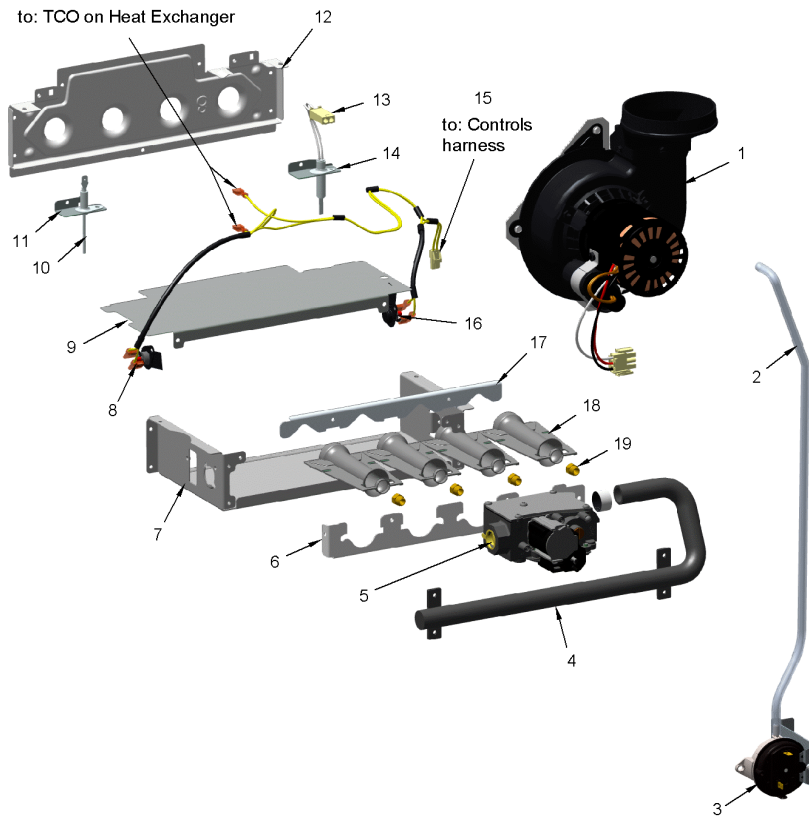
| Part No.                  | Reference No. | Quantity | Description                 |
|---------------------------|---------------|----------|-----------------------------|
| 75013071_S8X1UP1_157979~P | *             |          | BURNER & INDUCER PARTS LIST |

BURNER & INDUCER

75013071

RP  
A

(Items 6, 7, 9, 12 & 17 are considered as non-replaceable parts)



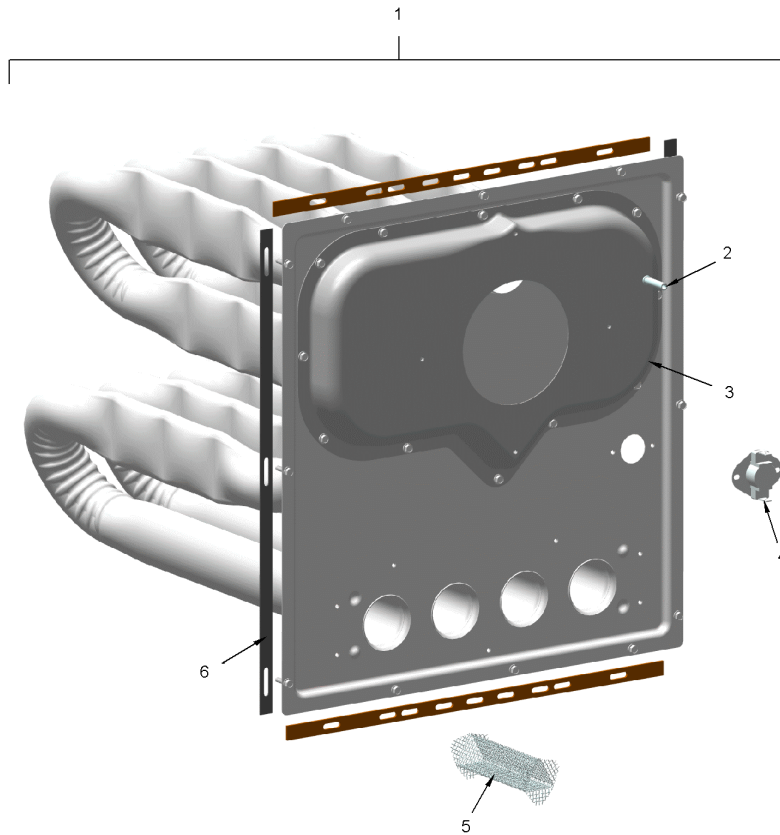
This is a typical illustration. The unit in the field may not appear exactly as shown.

| Part No. | Reference No. | Quantity | Description                                                                                               |
|----------|---------------|----------|-----------------------------------------------------------------------------------------------------------|
| BLW01481 | 1             | 1        | BLOWER; INDUCER-80-1.75-PSC                                                                               |
| TUB14902 | 2             | 1        | TUBE; PRESSURE-HIGH-STAGE                                                                                 |
| SWT04219 | 3             | 1        | SWITCH; PRESSURE-.65                                                                                      |
| MFD01444 | 4             | 1        | MANIFOLD; 4                                                                                               |
| VAL09029 | 5             | 1        | VALVE; GAS, SLOW OPENING 1/2-14 NPT, 24V, 50/60 HZ, "J" SERIES                                            |
| HLD00627 | 6             | 1        | HOLDER; 4 BURNER, 12.125 X 1.531                                                                          |
| BOX02753 | 7             | 1        | BOX; BURNER, 5.74 X 12.58 X 2.63                                                                          |
| SWT04165 | 8             | 1        | SWITCH-FLAME-ROLLOUT                                                                                      |
| PLT05660 | 9             | 1        | PLATE; 4 BURNER, 12.58 X 5.61                                                                             |
| SEN02400 | 10            | 1        | SENSOR; FLAME, NIKROTHAL 80 ELECTRODE, FOR NATURAL GAS                                                    |
| BRK04581 | 11            | 1        | BRACKET; FLAME SENSOR, 2.063 X 0.875 X 0.456                                                              |
| IGN00152 | 13            | 1        | MIN=12/12 IGNITER; SILICON-NITRIDE, 120V, INCLUDES BRACKET AND SCREWS                                     |
| BRK04580 | 14            | 1        | BRACKET; IGNITER, 2.063 X 0.875 X 0.456                                                                   |
| WIR08573 | 15            | 1        | WIRE; HARNESS, DOWNFLOW, FROM CONTROLS HARNESS TO FLAME ROLLOUT SWITCHES AND THERMAL LIMITS, YELLOW WIRES |
| SWT04164 | 16            | 1        | SWITCH-FLAME-ROLLOUT                                                                                      |
| CMP01467 | 17            | 1        | CLAMP; BURNER - 4                                                                                         |
| BNR01233 | 18            | 4        | BURNER; 0.50 ID INSHOT BURNER, NATURAL GAS, STAINLESS STEEL, 2.75 X 4.50                                  |
| ORF01427 | 19            | 4        | ORIFICE; SPUD, DRILL #45, BRASS                                                                           |

HEAT EXCHANGER

75013381

RP  
A



The Thermal Limit Switch (TCO) & Mesh Inserts are not included with the Heat Exchanger.

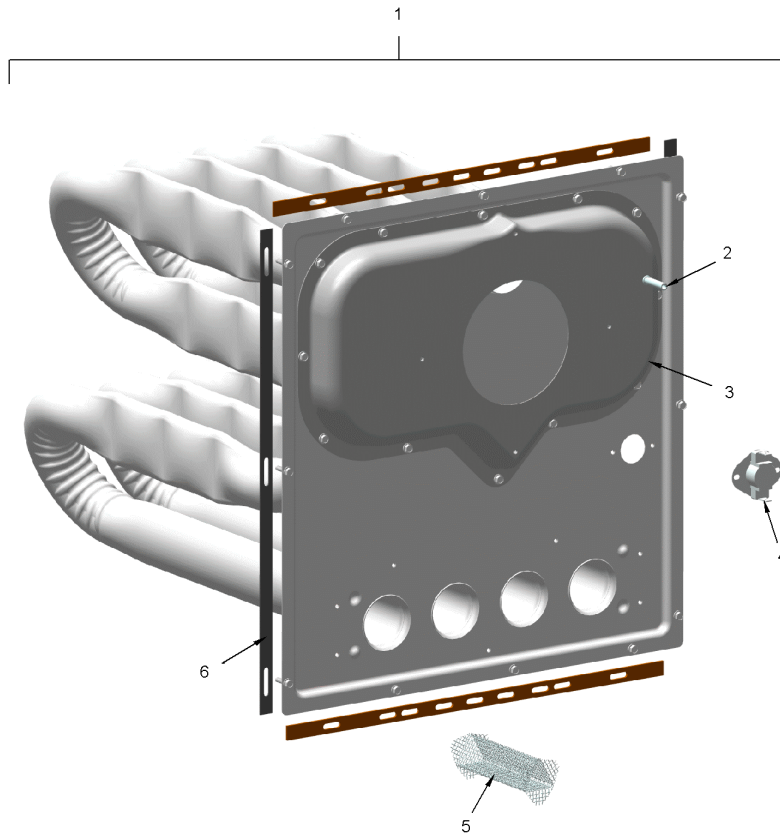
This is a typical illustration. The unit in the field may not appear exactly as shown.

| Part No.                  | Reference No. | Quantity | Description               |
|---------------------------|---------------|----------|---------------------------|
| 75013381_S8X1UP1_364953~P | *             |          | HEAT EXCHANGER PARTS LIST |

HEAT EXCHANGER

75013381

RP  
A



The Thermal Limit Switch (TCO) & Mesh Inserts are not included with the Heat Exchanger.

This is a typical illustration. The unit in the field may not appear exactly as shown.

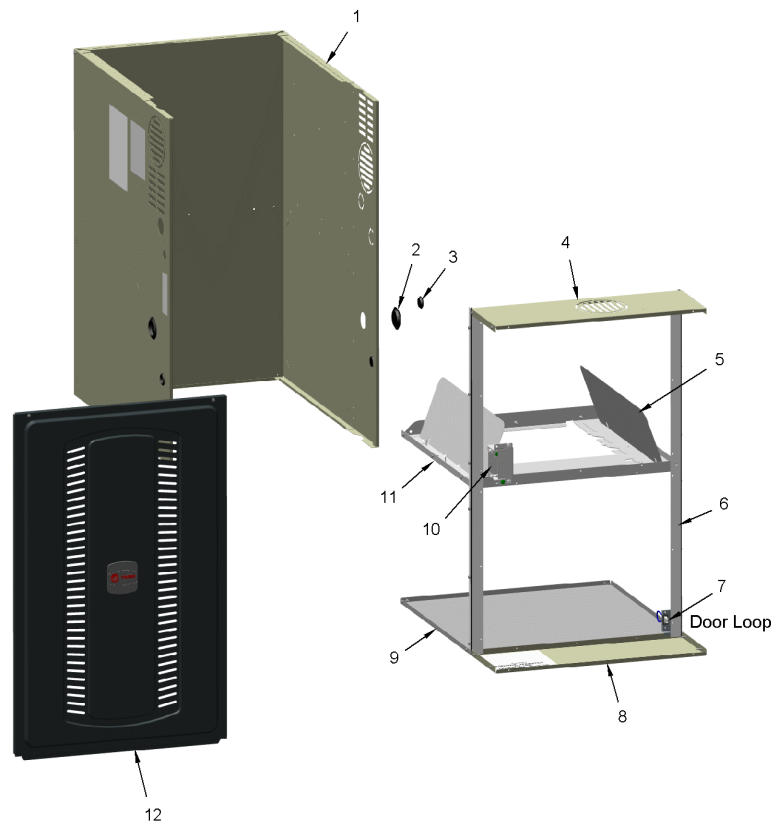
| Part No. | Reference No. | Quantity | Description                                                      |
|----------|---------------|----------|------------------------------------------------------------------|
| EXC02812 | 1             | 1        | EXCHANGER; HX-ASM-80-C80                                         |
| TUB08301 | 2             | 1        | TUBE; PRESSURE SWITCH, STAINLESS STEEL, .025 O.D. .035 WALL THK. |
| BOX03708 | 3             | 1        | BOX; FLUE, INCLUDES TUB08301                                     |
| SWT04237 | 4             | 1        | SWITCH; THERMAL                                                  |
| SRN01074 | 5             | 4        | SCREEN; LOW NOX INSERT                                           |
| GKT05000 | 6             | 1        | GASKET; VESTIBULE GASKETS, ONE SIZE FITS ALL - TRIM TO FIT       |

## CABINET

75013074

RP  
A

(Items 1, 9 & 11 are considered as non-replaceable parts)



This is a typical illustration. The unit in the field may not appear exactly as shown.

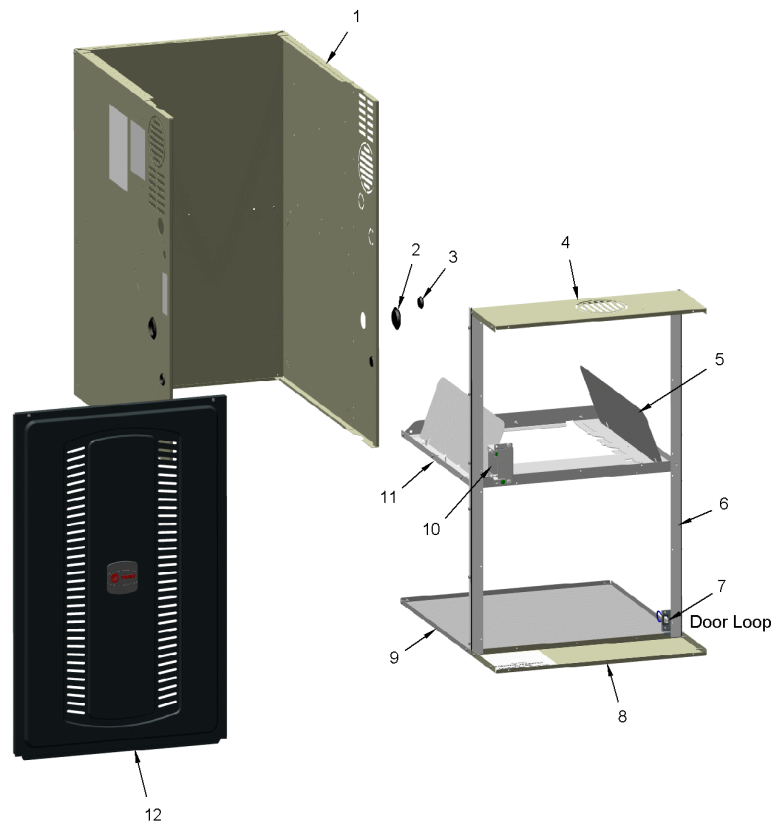
| Part No.                  | Reference No. | Quantity | Description        |
|---------------------------|---------------|----------|--------------------|
| 75013074_S8X1UP1_157981~P | *             |          | CABINET PARTS LIST |

CABINET

75013074

RP  
A

(Items 1, 9 & 11 are considered as non-replaceable parts)



This is a typical illustration. The unit in the field may not appear exactly as shown.

| Part No. | Reference No. | Quantity | Description                                                       |
|----------|---------------|----------|-------------------------------------------------------------------|
| PAI00074 | *             | 1        | PAINT; SPRAY, SLATE GREY, FULL GLOSS(88) (SHIPPING UOM 12 OZ HAZ) |
| PAI00248 | *             | 1        | PAINT; 12 OZ SPRAY, ANTHRACITE GRAY (SHIPPING UOM 12 OZ HAZ)      |
| PLU01267 | *             | 1        | PLUG; GAS CONDENSATE, 2.17 OD, 1.675 ID, BLACK PLASTIC            |
| PLU01267 | 2             | 2        | PLUG; GAS CONDENSATE, 2.17 OD, 1.675 ID, BLACK PLASTIC            |
| PLU01268 | 3             | 3        | PLUG; ELECTRICAL, 1.19 OD, 0.875 ID, BLACK PLASTIC                |
| SUP06397 | 4             | 1        | SUPPORT; CROSSMEMBER-80-C                                         |
| VNE01870 | 5             | 2        | VANE; GUIDE                                                       |
| SUP05943 | 6             | 2        | SUPPORT; SIDE, 33.74 X 1.07 X 1.07                                |
| WIR05160 | 7             | 1        | WIRE; HARNESS, 2 PIN DF, 5 INCH BLACK WIRE                        |
| SUP06473 | 8             | 1        | SUPPORT; CMEMBER-BOTTOM-80C                                       |
| PNL32371 | 9             | 1        | PANEL; BOTTOM, 20.92 X 21.08                                      |
| BOX02750 | 10            | 1        | BOX; ASSEMBLY, JUNCTION, INCLUDES TOP, BASE, SCREWS & BUSHING     |
| DOR04465 | 12            | 1        | DOOR; REPL-DOOR-ASM-80C-MID                                       |
| PLT05664 | 12            | 1        | PLATE; TRANE BADGE, 3.17 X 3.00                                   |
| PLT05665 | 12            | 1        | PLATE; AMERICAN STANDARD BADGE, 3.17 X 3.00                       |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |          |         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------|---------|
| MODEL NUMBER DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | 75011116 | RB<br>B |
| S-SERIES FURNACE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |          |         |
| <div>Example Model Number:<br/><b>S 9 V 2 B 0 8 0 U 3 P S A A A</b><br/><small>1   -   -   -   5   -   -   -   10   -   -   -   15</small></div> <div><div><div><b>Digit 1 – Level</b><br/>S = Series<br/>L = 14 ng/J Ultra-Low NOx</div><div><b>Digit 2 – AFUE</b><br/>8 = 80%<br/>9 = 90% or higher</div><div><b>Digit 3 – Blower Type</b><br/>B = Builder Series (May be PSC or CTM)<br/>P = PSC<br/>X = CTM<br/>V = Variable Speed</div><div><b>Digit 4 – Gas Valve Stages</b><br/>1 = SingleStage<br/>2 = 2 Stage<br/>M = Modulating</div><div><b>Digit 5 – Cabinet Width</b><br/>A = 14.5 wide<br/>B = 17.5 wide<br/>C = 21.0 wide<br/>D = 24.5 wide</div><div><b>Digits 6,7,8 – BTU input</b><br/>080 = 80,000 BTUH</div><div><b>Digit 9 – Poise Options</b><br/>U = 3 way<br/>D = Dedicated Downflow<br/>M = 4 Way Poise</div><div><b>Digit 10 – Airflow Capacity for Cooling</b><br/>2 = 2 Tons<br/>3 = 3 Tons<br/>4 = 4 Tons<br/>5 = 5 Tons</div></div><div><div><b>Digit 11 – Inducer Type</b><br/>P = PSC<br/>X = CTM<br/>V = Variable Speed</div><div><b>Digit 12 – Communicating capability</b><br/>S = 24 Volt<br/>C = Communicating System Control<br/>T = 24 Volt, 40ng/J NOx<br/>D = Communicating System Control, 40ng/J NOx</div><div><b>Digit 13 – Major Design Change</b></div><div><b>Digit 14 – Minor Design Change</b></div><div><b>Digit 15 – Service Digit Change</b></div></div></div> |  |          |         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | 1 of 1   |         |

| Part No.                  | Reference No. | Quantity | Description                         |
|---------------------------|---------------|----------|-------------------------------------|
| 75011116_S8X1UP1_157976~P | *             |          | MODEL NUMBER DESCRIPTION PARTS LIST |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |          |         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------|---------|
| MODEL NUMBER DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | 75011116 | RB<br>B |
| S-SERIES FURNACE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |          |         |
| <div>Example Model Number:<br/><b>S 9 V 2 B 0 8 0 U 3 P S A A A</b><br/><small>1   -   -   -   5   -   -   -   10   -   -   -   15</small></div> <div><div><div><b>Digit 1 – Level</b><br/>S = Series<br/>L = 14 ng/J Ultra-Low NOx</div><div><b>Digit 2 – AFUE</b><br/>8 = 80%<br/>9 = 90% or higher</div><div><b>Digit 3 – Blower Type</b><br/>B = Builder Series (May be PSC or CTM)<br/>P = PSC<br/>X = CTM<br/>V = Variable Speed</div><div><b>Digit 4 – Gas Valve Stages</b><br/>1 = SingleStage<br/>2 = 2 Stage<br/>M = Modulating</div><div><b>Digit 5 – Cabinet Width</b><br/>A = 14.5 wide<br/>B = 17.5 wide<br/>C = 21.0 wide<br/>D = 24.5 wide</div><div><b>Digits 6,7,8 – BTU input</b><br/>080 = 80,000 BTUH</div><div><b>Digit 9 – Poise Options</b><br/>U = 3 way<br/>D = Dedicated Downflow<br/>M = 4 Way Poise</div><div><b>Digit 10 – Airflow Capacity for Cooling</b><br/>2 = 2 Tons<br/>3 = 3 Tons<br/>4 = 4 Tons<br/>5 = 5 Tons</div></div><div><div><b>Digit 11 – Inducer Type</b><br/>P = PSC<br/>X = CTM<br/>V = Variable Speed</div><div><b>Digit 12 – Communicating capability</b><br/>S = 24 Volt<br/>C = Communicating System Control<br/>T = 24 Volt, 40ng/J NOx<br/>D = Communicating System Control, 40ng/J NOx</div><div><b>Digit 13 – Major Design Change</b></div><div><b>Digit 14 – Minor Design Change</b></div><div><b>Digit 15 – Service Digit Change</b></div></div></div> |  |          |         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | 1 of 1   |         |

| Part No.                  | Reference No. | Quantity | Description                     |
|---------------------------|---------------|----------|---------------------------------|
| S8X1ACCY_S8X1UP1_157982-P | *             |          | OPTIONAL ACCESSORIES PARTS LIST |

| Part No.       | Reference No. | Quantity | Description                                                                                   |
|----------------|---------------|----------|-----------------------------------------------------------------------------------------------|
| BAYBASE205     | *             | 1        | BASE; SUB ASSEMBLY, DOWNFLOW                                                                  |
| BAYFLTR204     | *             | 1        | FILTER; FRAMED FILTER KIT ASSY (BAYFLTR204)                                                   |
| BAYFLTR206     | *             | 1        | FILTER; ACCESS DOOR KIT (DOWNFLOW ONLY)                                                       |
| BAYHANG        | *             | 1        | HORIZONTAL HANGER KIT                                                                         |
| BAYLPSS400B    | *             | 1        | BAYLPSS400B; LP CONVERSION KIT, INCLUDES (6) STAINLESS BURNERS, SEN02662, KIT01495 & KIT07611 |
| BAYSWT14AHALTA | *             | 1        | KIT; HIGH ALTITUDE PRESSURE SWITCH                                                            |
| BAYVENT600A    | *             | 1        | KIT- DOWNFLOW ADAPTER                                                                         |
| BAYVENT800B    | *             | 1        | KIT; MASONRY CHIMNEY                                                                          |
| PIP02095       | *             | 1        | PIPE; U-BEND, STEEL, 1/2-14 NPT, 3.42 X 2.00                                                  |