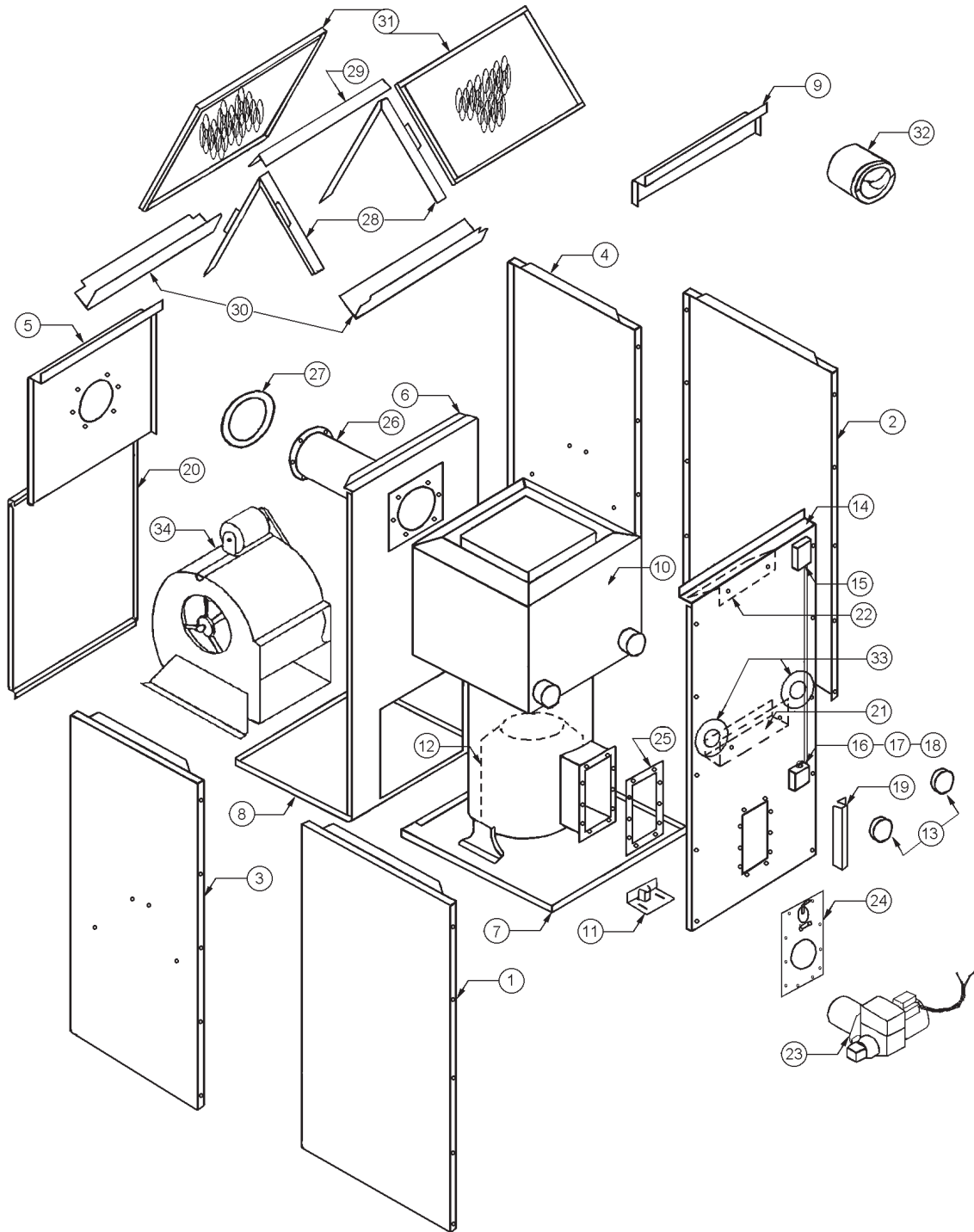


Model BCL High Capacity Diagram



PARTS LISTING: BCL 170-2/190/200/225 HIGH CAPACITY MODELS

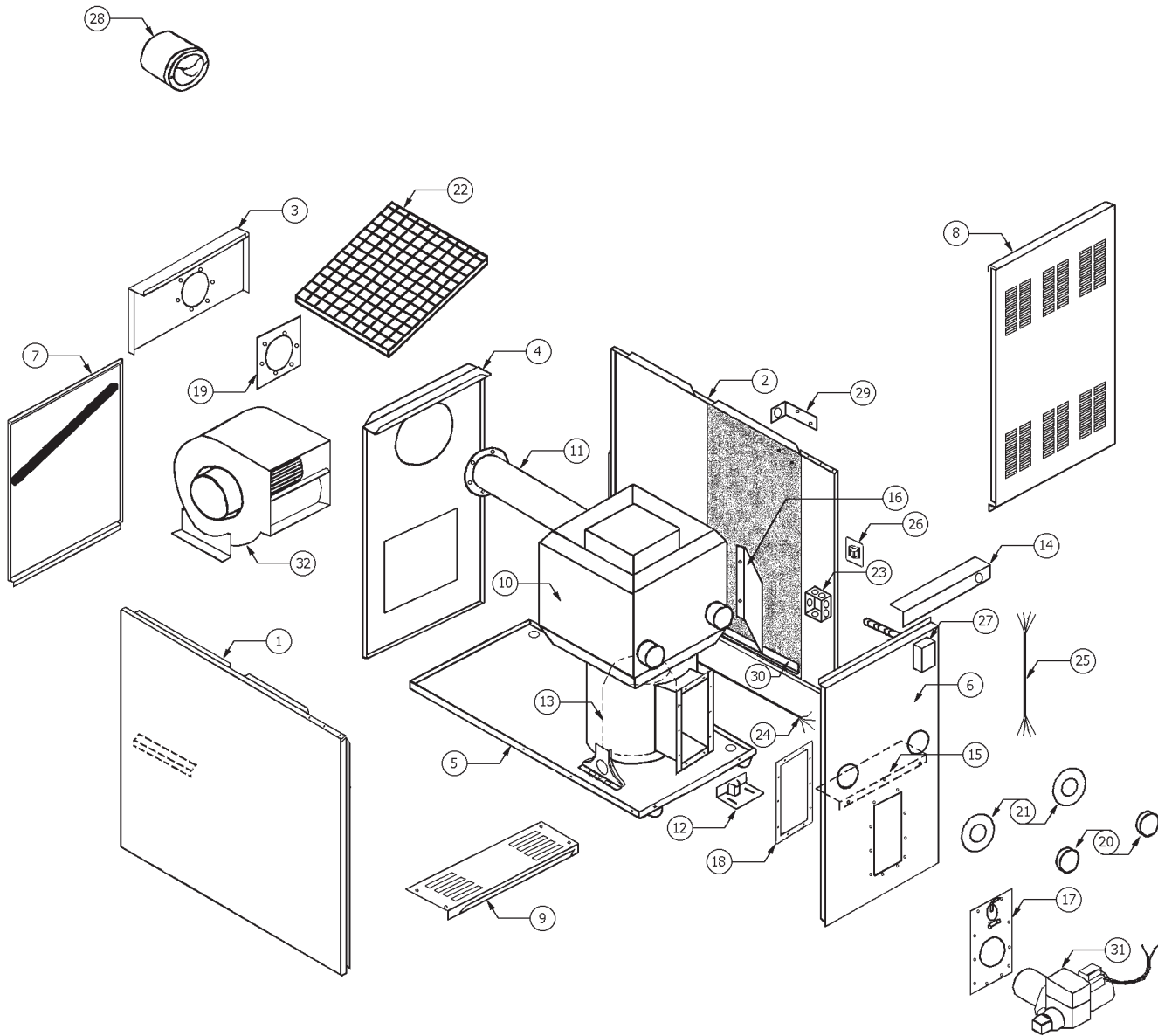
Ref. No.	Description	Part No.
1	Left Side Panel Heating Compartment	29040AD
2	Right Side Panel Heating Compartment	29040AD
3	Left Side Panel Blower Compartment	29048AD
4	Right Side Panel Blower Compartment	29047AD
5	Upper Rear Panel Blower Compartment	29062AD
6	Blower Partition Panel	29052AD
7	Base Panel Assembly Heating Compartment	29043
8	Base Panel Assembly Blower Compartment	29056
9	Plenum Edge Panel Heating Compartment	29045AD
10	Heat Exchanger Assembly (Prior to ser#BCUL66150 use 1018B4)	550001632
11	Firepot Bracket Assembly	29225
12	Replacement Firepot	27000WP
13	Cleanout Pipe Cap (2 per unit)	240007841
	Cleanout Cap Gasket (2 per unit)	240006333
14	Front Panel	29220AD
	Logo Bezel	28479
	Logo Label	28563
15	Fan & Limit Control, 8" Insertion, Set @ 200° F	29041
16	Junction Box	21318
17	Fuse Holder	27089
18	Fuse, ABC-15	2200096
19	Wire Retainer Channel	27510
20	Blower Access Door	29053AD
	Door Handle – PS-18	28673
21	Front Panel Baffle	3022140A
22	Top Front Panel Baffle	29223
23	Oil Burner assembly Beckett AF81WF	29597
	Burner Motor 1/7 HP 3450 RPM PSC	29689
	Beckett Cleancut Oil Pump A2EA6520	29688
	Solid State Ignitor FRANCE 10SAY-04	29522
	Primary Combustion Control 7505B1500	240008816
	Air Tube Combination AF81WF	29530
	Flame Retention Head (F16)	29531
24	Oil Burner Mounting Plate Assembly	109007674
	Sight Glass	29876
	Sight Glass Gasket (2 per unit)	29870
	Sight Glass Retainer	29850
25	Pouch Gasket	2080175
26	Flue Pipe Assembly	240008174
27	Flue Pipe Gasket (2 per unit)	2080181
28	Filter Rail Assembly (2 per unit)	29054
29	Top Filter Support	29063
30	Filter Support Front & Rear (2 per unit)	29055
31	Filter, 20" X 25" X1" Permanent (2 per unit)	2180024
32	Draft Regulator (7")	12401
33	Clean-out Gasket Retainer (2 per unit)	29161
	Cleanout Gasket (2 per unit)	29163

PARTS LISTING: BCL 170-2/190/200/225 HIGH CAPACITY MODELS

Ref. No.	Description	Part No.
34	Blower Assembly, ¾ HP	8756B2
	Blower Housing and Wheel, G12	2040008
	Blower Motor, ¾ HP Single Speed	28007
	Motor Pulley, 3 1/2 X 5/8 Adjustable With Keyway	19779
	Blower Pulley, 7 X 3/4	2240008
	Fan Belt, 4L430	2240022
	Blower Base Feet LH	8173B2
	Blower Base Feet RH	8173B1
	Blower Base Feet Rubber Grommet (4 required)	26415
34	Blower Assembly, 1 HP	29217
	Blower Housing and Wheel, G12 With Ball Bearings	29222
	Blower Motor, 1 HP Single Speed	102000156
	Motor Pulley 3 1/2 X 5/8 Adjustable With Keyway	19779
	Blower Pulley 6 X 3/4	2240006
	Fan Belt 4L410	2240020
	Blower Base Feet LH	8173B2
	Blower Base Feet RH	8173B1
	Blower Base Feet Rubber Grommet (4 required)	26415
*	Blocked Vent Safety Switch Kit Complete	30673
*	Blocked Vent Safety Switch - Replacement Switch Only	30660
*	Flue Pipe for Blocked Vent Safety Switch	30657

PARTS LISTING

Model BCL-S Diagram (Fan and Limit Control Shown)



PARTS LISTING

PARTS LISTING: CHIMNEY VENT MODELS BCL-(S2, SRF2)

Ref. No.	Description	Part No.
1	Left Side Panel Assembly	28423AD
2	Right Side Panel Assembly	28422AD
3	Upper Rear Panel	26048AD
4	Blower Division Panel Assembly	550002146
5	Base Panel Assembly	28459
6	Inner Front Panel (for use with Fan and Limit Control)	28425
	Inner Front Panel (for use with Fan Timer Control)	109009279
7	Blower Access Door	26586AD
	Door Handle – PS-18	28673
	Filter Gasket	28549
8	Front Door Panel	21338AD
	Door Handle	28673
	Logo Bezel	28479
	Logo Label	28563
9	Top Front Panel	26017AD
10	Heat Exchanger Assembly for Beckett AF Burner	550001630
	Heat Exchanger Assembly for Riello Burner	550001631
11	Flue Pipe Assembly	28497
12	Firepot Bracket Assembly	4141185A
13	Replacement Combustion Chamber 9200C for Beckett AF Burner	8823B1
	Replacement Combustion Chamber 27000B for Riello Burner	27000WP
14	Top Front Baffle	21485
15	Inner Front Baffle	21425
16	Right Side Panel Baffle	21344
17	Oil Burner Mounting Plate Assembly	109007674
	Sight Glass	29876
	Sight Glass Gasket (2 per unit)	29870
	Sight Glass Retainer	29850
18	Pouch Gasket	2080175
19	Flue Pipe Gasket (2 per unit)	21994
20	Cleanout Pipe Cap (2 per unit)	240007841
	Cleanout Cap Gasket (2 per unit)	240006333
21	Clean-out Gasket Retainer (2 per unit)	29161
	Cleanout Gasket (2 per unit)	29163
22	Air Filter – 20 x 25 x 1 (Permanent)	2180024
Items 23-27 for use on models with Fan and Limit Control		
23	Junction Box	21318
	Fuse ABC 15 Amp Slow Blow (Not all models)	2200096
	Fuse Holder HKP-HH (Not all models)	27089
24	Wire Harness Blower Direct Drive	27273
	Wire Harness Blower Belt Drive	27272
25	Wire Harness Fan & Limit	29422
26	Fan Centre	27740
	27740 Replacement Relay 9400-04Q1999	27767
27	Fan & Limit Control 11" or 11½" Insertion, 230° F	18002

PARTS LISTING

PARTS LISTING: CHIMNEY VENT MODELS BCL-(S2, SRF2) conti.

Ref. No.	Description	Part No.
Items in this group for use on models with Electronic Fan Timer Control		
*	Control Panel	30010
	Control Panel Cover	29654
	Wire Harness Blower Motor Direct Drive	29690
	Wire Harness Blower Motor Belt Drive	29691
	Wire Harness Fan Timer Control (Chimney Vent)	29364
	Wire Harness Transformer and Power Supply	29751
	Fan Timer Control 1158-120 UTEC	29388
	Transformer 120/24V, 40A	240005330
	Limit Control 36T01B3-612718, L200°F, 3" Insertion	240010427
28	Draft Regulator 6"	12240
29	Fan & Limit Support / Insulation Retainer	26973
30	Side Panel Insulation Retainer (2 per unit)	26047
31	Beckett Oil Burner AF65XN (0.75, 0.85, 1.00 GPH) Wired for Fan and Limit Control	29592
	Beckett Oil Burner AF65XN (0.75, 0.85, 1.00 GPH) Wired for Fan Timer Control	240010428
	Burner Motor 1/7 HP 3450 RPM PSC	29689
	Beckett Clean-cut Oil Pump A2EA6520	29688
	Solid State Ignitor FRANCE 10SAY-04	29522
	Primary Combustion Control 7505B1500	240008816
	Air Tube Combination AF65XN	11986
	Flame Retention Head (F3)	1050003
31	Beckett Oil Burner AF65YB (1.10, 1.20 GPH) Wired for Fan and Limit Control	29594
	Beckett Oil Burner AF65YB (1.10, 1.20 GPH) Wired for Fan Timer Control	2400010429
	Burner Motor 1/7 HP 3450 RPM PSC	29689
	Beckett Clean-cut Oil Pump A2EA6520	29688
	Solid State Ignitor FRANCE 10SAY-01	29522
	Primary Combustion Control 7505B1500	240008816
	Air Tube Combination AF65YB	20877
	Flame Retention Head (F6)	1050004
31	Riello 40F3 Oil Burner (0.75, 0.85 GPH)	27343
32	Blower Assembly, Complete, Direct Drive, 1/2 HP	20643
	Blower Housing and Wheel, 100-10R DD	30624
	Blower Motor, 1/2 HP, 4-Speed	102000131
	Motor Mounting Band – TR5868	17811
	Motor Mount Arms – 10-10 DD Blower (3 per unit)	26251
	Motor Run Capacitor, 10 mfd @ 370 vac	27743
	Capacitor Strap	27761
	Blower Base Feet (2 per unit)	109005826
	Blower Base Feet Rubber Grommet (4 per unit)	26415

* = Not Shown

PARTS LISTING

PARTS LISTING: CHIMNEY VENT MODELS BCL (S2, SRF2) conti.

32	Blower Assembly, Complete, Belt Drive 1/3 HP	6033C6
	Blower Housing and Wheel, 100-10R BD	30625
	Blower Motor 1/3 HP SS	10200153
	Motor Pulley 3 1/4 X 1/2 Adjustable	2240001
	Blower Pulley 7 X 3/4	2240008
	Fan Belt 4L420	2240021
	Blower Base Feet (2 per unit)	109005826
	Blower Base Feet Rubber Grommet (4 per unit)	26415
32	Blower Assembly, Complete, Belt Drive 1/2 HP	6033C7
	Blower Housing and Wheel, 100-10R BD	30625
	Blower Motor 1/2 HP SS	102000154
	Motor Pulley 3 1/4 X 1/2 Adjustable	2240001
	Blower Pulley 6 X 3/4	2240006
	Fan Belt 4L410	2240020
	Blower Base Feet (2 per unit)	109005826
	Blower Base Feet Rubber Grommet (4 per unit)	26415
*	Blocked Vent Safety Switch Kit Complete	30674
*	Blocked Vent Safety Switch - Replacement Switch Only	30660
*	Flue Pipe for Blocked Vent Safety Switch	30656

Ref. No. PARTS LISTING: CHIMNEY VENT MODELS BCL-ST2

Part No.

All parts are the same as listed on the previous pages for Model BCL-S2 except where noted below.

4	Blower Division Panel Assembly	29107
24	Wire Harness Blower Direct Drive	27275
25	Wire Harness Fan & Limit	26838
26	Fan Centre Assembly	26857
	Replacement Relay R8228B1012B	26854
	Fuse ABC 15 Amp Slow Blow	2200096
	Fuse Holder HKP-HH BCL	27089
32	Blower Assembly, Complete, Direct Drive, 1 HP	26812
	Blower Housing and Wheel, 120-11T	240006678
	Blower Motor, 1 hp 3 Speed	102000157
	Motor Mounting Band – TR5868	17811
	Motor Mount Arms – TR7624B (3 per unit)	240006535
	Motor Run Capacitor, 20 mfd @ 370 vac	27745
	Capacitor Strap	27761
	Blower Base Feet LH	26013
	Blower Base Feet RH	26012
	Terminal Block #EE8-201	26833
	Blower Base Feet Rubber Grommet (4 required)	26415

* = Not Shown

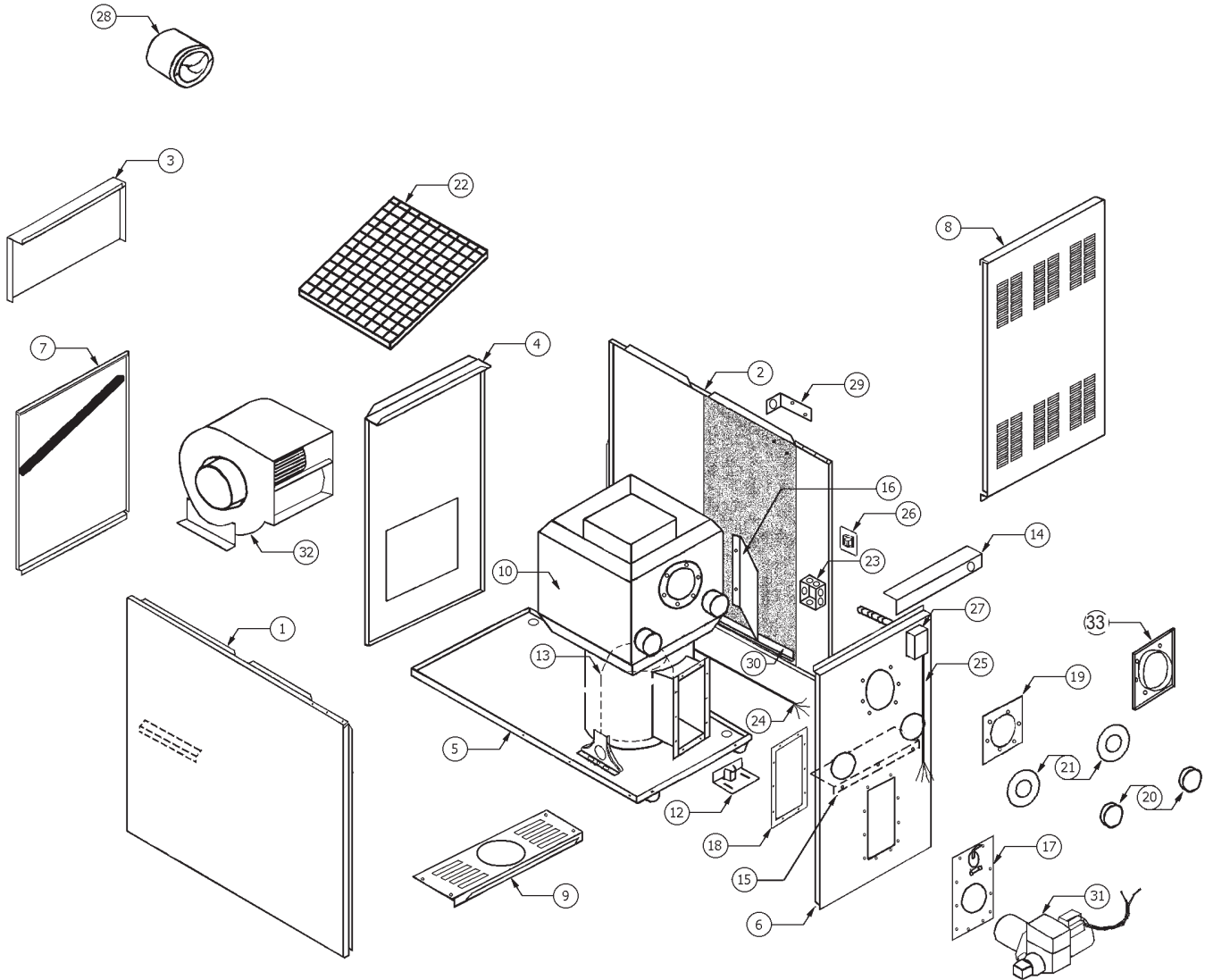
PARTS LISTING: DIRECT VENT MODELS BCL-SB2U2

Ref. No.	Description	Part No.
All parts are the same as listed on the previous pages for Model BCL-S2 except where noted below.		
10	Heat Exchanger Assembly for Beckett AFII Burner	550001631
13	Replacement Combustion Chamber 27000B for Beckett AFII Burner	27000WP
18	Pouch Gasket (Second gasket required for Direct Vent)	2080175
31	Beckett Oil Burner AFII 150 Wired for Fan and Limit Control	30743
	Beckett Oil Burner AFII 150 Wired for Fan Timer Control	240010452
	Burner Motor 1/7 HP 3450 RPM PSC	28907
	Beckett Clean-cut Oil Pump A2EA6520	29688
	Solid State Ignitor FRANCE 10SAY-04	28558
	Primary Combustion Control 7505P1530	
	Air Tube Combination FBX80HGXS	28561
	Flame Retention Head (FB3)	28533
*	Pressure Switch -0.33" WC	30734
*	10 Second Bypass Timer GPS00C9X10	30699
*	Appliance Vent Adapter 6" Breech to 4" Vent	240006905
*	Combustion Air Intake Collar 4" for AFII Burner	109005950
*	Wire Harness Fan Timer Control (Direct Vent)	30745

* = Not Shown

PARTS LISTING

Model BFL Diagram (Fan and Limit Control Shown)



PARTS LISTING

PARTS LISTING: CHIMNEY VENT MODELS BFL-(2.RF2)

Ref. No.	Description	Part No.
1	Left Side Panel Assembly	28423AD
2	Right Side Panel Assembly	28422AD
3	Upper Rear Panel	21421AD
4	Blower Division Panel Assembly	28469
5	Base Panel Assembly	28459
6	Inner Front Panel (for use with Fan and Limit Control)	28428
	Inner Front Panel (for use with Fan Timer Control)	109009280
7	Blower Access Door	26586AD
	Door Handle – PS-18	28673
	Filter Gasket	28549
8	Front Door Panel	21338AD
	Door Handle	28673
	Logo Bezel	28479
	Logo Label	28563
9	Top Front Panel	21437AD
10	Heat Exchanger Assembly for Beckett AF or NX Burner	550001633
	Heat Exchanger Assembly for Riello Burner	550001634
12	Firepot Bracket Assembly	4141185A
13	Replacement Combustion Chamber 9200C for Beckett AF or NX Burner	8823B1
	Replacement Combustion Chamber 27000B for Riello Burner	2700WP
14	Top Front Baffle	21485
15	Inner Front Baffle	21425
16	Right Side Panel Baffle	21344
17	Oil Burner Mounting Plate Assembly	109007674
	Sight Glass	29876
	Sight Glass Gasket (2 per unit)	29870
	Sight Glass Retainer	29850
18	Pouch Gasket	2080175
19	Flue Collar Gasket	21994
20	Cleanout Pipe Cap (2 per unit)	240007841
	Cleanout Cap Gasket (2 per unit)	240006333
21	Clean-out Gasket Retainer (2 per unit)	29161
	Cleanout Gasket (2 per unit)	29163
22	Air Filter – 20 x 25 x 1 (Permanent)	2180024
Items 23-27 for use on models with Fan and Limit Control		
23	Junction Box	21318
	Fuse ABC 15 Amp Slow Blow (Not all models)	2200096
	Fuse Holder HKP-HH (Not all models)	27089
24	Wire Harness Blower Direct Drive	27273
	Wire Harness Blower Belt Drive	27272
25	Wire Harness Fan & Limit	29422
26	Fan Center	27740
	27740 Replacement Relay 9400-04Q1999	27767
27	Fan & Limit Control 11" or 11 ½" Insertion, 190° F	12356

PARTS LISTING

PARTS LISTING: CHIMNEY VENT MODELS BFL-(2.RF2) conti.

Ref. No.	Description	Part No.
Items in this group for use on models with Electronic Fan Timer Control		
*	Control Panel	30010
	Control Panel Cover	29654
	Wire Harness Blower Motor Direct Drive	29690
	Wire Harness Blower Motor Belt Drive	29691
	Wire Harness Fan Timer Control (Chimney Vent)	29364
	Wire Harness Transformer and Power Supply	29751
	Fan Timer Control 1158-120 UTEC	29388
	Transformer 120/24V, 40VA	240005330
	Limit Control 60T11,L155°F, BOF (Black Oxide Finish)	30071
28	Draft Regulator 6"	12240
29	Fan & Limit Support / Insulation Retainer	26973
30	Side Panel Insulation Retainer (2 per unit)	26047
31	Beckett Oil Burner AF65XN (0.75, 0.85, 1.00 GPH) Wired for Fan and Limit Control	29592
	Beckett Oil Burner AF65XN (0.75, 0.85, 1.00 GPH) Wired for Fan Timer Control	240010428
	Burner Motor 1/7 HP 3450 RPM PSC	29689
	Beckett Clean-cut Oil Pump A2EA6520	29688
	Solid State Ignitor FRANCE 10SAY-01	29522
	Primary Combustion Control 7505B1500	240008816
	Air Tube Combination AF65XN	11986
	Flame Retention Head (F3)	1050003
31	Beckett Oil Burner AF65YB (1.10, 1.20 GPH) Wired for Fan and Limit Control	29594
	Beckett Oil Burner AF65YB (1.10, 1.20 GPH) Wired for Fan Timer Control	240010429
	Beckett Oil Burner NX70LFHS (1.10, 1.20 GPH) Wired for Fan and Limit Control	240010234
	Beckett Oil Burner NX70LFHS (1.10, 1.20 GPH) Wired for Fan Timer Control	240010430
	Burner Motor 1/7 HP 3450 RPM PSC	29689
	Beckett Clean-cut Oil Pump A2EA6520	29688
	Solid State Ignitor FRANCE 10SAY-01	29522
	Air Tube Combination AF65YB	20877
	Flame Retention Head (F6 for AF Burner)	1050004
31	Riello 40F3 Oil Burner (0.75, 0.85 GPH)	27343
32	Blower Assembly, Complete, Direct Drive, 1/2 HP	20643
	Blower Housing and Wheel, 100-10R DD	30624
	Blower Motor, 1/2 HP, 4-Speed	102000131
	Motor Mounting Band – TR5868	17811
	Motor Mount Arms – 10-10 DD Blower (3 per unit)	26251
	Motor Run Capacitor, 10 mfd @ 370 vac	27743
	Capacitor Strap	27761
	Blower Base Feet (2 per unit)	109005826
	Blower Base Feet Rubber Grommet (4 per unit)	26415
32	Blower Assembly, Complete, Belt Drive 1/3 HP	6033C6
	Blower Housing and Wheel, 100-10R BD	30625
	Blower Motor 1/3 HP SS	10200153
	Motor Pulley 3 1/4 X 1/2 Adjustable	2240001
	Blower Pulley 7 X 3/4	2240008
	Fan Belt 4L420	2240021
	Blower Base Feet (2 per unit)	109005826
	Blower Base Feet Rubber Grommet (4 per unit)	26415

* = Not Shown

PARTS LISTING

PARTS LISTING: CHIMNEY VENT MODELS BFL-(2,RF2) conti.

Ref. No.	Description	Part No.
32	Blower Assembly, Complete, Belt Drive 1/2 HP	6033C7
	Blower Housing and Wheel, 100-10R BD	30625
	Blower Motor ½ HP SS	102000154
	Motor Pulley 3 1/4 X 1/2 Adjustable	2240001
	Blower Pulley 6 X 3/4	2240006
	Fan Belt 4L410	2240020
	Blower Base Feet (2 per unit)	109005826
	Blower Base Feet Rubber Grommet (4 per unit)	26415
33	Flue Pipe Connector	28306
*	Vent Elbow 6" Short Radius	29476
*	Blocked Vent Safety Switch	30686
*	Blocked Vent Safety Switch - Replacement Switch Only	30660
*	Vent Elbow for Blocked Vent Safety Switch	30683

PARTS LISTING: CHIMNEY VENT MODELS BFL-T2

Ref. No.	Description	Part No.
All parts are the same as listed on the previous pages for Model BFL-2 except where noted below.		
4	Blower Division Panel Assembly	29114
24	Wire Harness Blower Direct Drive	27275
25	Wire Harness Fan & Limit	26838
26	Fan Centre Assembly	26857
	Replacement Relay R8228B1012B	26854
	Fuse ABC 15 Amp Slow Blow	2200096
	Fuse Holder HKP-HH BCL	27089
32	Blower Assembly, Complete, Direct Drive, 1 HP	26812
	Blower Housing and Wheel, 120-11T	240006678
	Blower Motor, 1 hp 3 Speed	102000157
	Motor Mounting Band – TR5868	17811
	Motor Mount Arms – TR7624B (3 per unit)	240006535
	Motor Run Capacitor, 20 mfd @ 370 vac	27745
	Capacitor Strap	27761
	Blower Base Feet LH	26013
	Blower Base Feet RH	26012
	Terminal Block #EE8-201	26833
	Blower Base Feet Rubber Grommet (4 required)	26415

* = Not Shown

PARTS LISTING

PARTS LISTING: DIRECT VENT MODELS BFL-B2U2

Ref. No.	Part No.
All parts are the same as listed on the previous pages for Model BFL-2 except where noted below.	
10	Heat Exchanger Assembly for Beckett AFII Burner 550001634
13	Replacement Combustion Chamber 27000B for Beckett AFII Burner 27000WP
18	Pouch Gasket (Second gasket required for Direct Vent) 2080175
31	Beckett Oil Burner AFII 150 Wired for Fan and Limit Control 30743
	Beckett Oil Burner AFII 150 Wired for Fan Timer Control 240010452
*	Burner Motor 1/7 HP 3450 RPM PSC 28907
	Beckett Clean-cut Oil Pump A2EA6520 29688
	Solid State Ignitor FRANCE 10SAY-04 28558
	Primary Combustion Control 7505P1530
	Air Tube Combination FBX80HGXS 28561
	Flame Retention Head (FB3) 28533
33	Flue Connector Assembly 6" to 4" 90° Elbow 240008224
*	Appliance Adaptor 4" Breech to 4" Vent 240006903
*	Pressure Switch -0.33" WC 30734
*	10 Second Bypass Timer GPS00C9X10 30699
*	Combustion Air Intake Collar 4" for AFII Burner 109005950
*	Wire Harness Fan Timer Control (Direct Vent) 30745

* = Not Shown