

IMPORTANT

1. Always include complete heater model and serial number so that any specification change can be considered for parts shipment. It can save time and expense.
2. Specifications are subject to change without notice.
3. We reserve the right to substitute functional replacements.
4. Order by Part No.; not Heater Option Designation.

Replacement Parts

Applies to: **Separated-Combustion Models SC, SCE, SSCBL, SSCDBL**

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Model SC Duct Furnace



Model SCE Blower/Furnace Packaged System



(discontinued 2011)

Model SSCBL Packaged System with "BL" Type Blower Cabinet and 1, 2, or 3 Furnace Sections



Model SSCDBL Packaged System with two "BL" Type Blower Cabinets and 2, 4, or 6 Furnace Sections



(discontinued 2011)

Additional References:

Website (with downloadable files): www.RezSpec.com

Subject.....	Form
Service - Replacement Gas Valves, Ignition Controllers & Maxitrol Parts.....	P-VALVES
Service - Converting to Other Gases.....	P-GC
Service - Replacement Parts for Optional Evaporative Cooling Module.....	P-REC
Installation/Operation - Model Series SC, Duct Furnace.....	I-SC
Installation/Operation - Model Series SCE Packaged Duct Furnace/Blower	I-SCE
Installation/Operation - Model Series SSCBL and SSCDBL Packaged Systems.....	I-SSCBL
Installation/Operation - Vent Terminal/Combustion Air Packages	I-OPT-VC
Installation/Operation - Optional Evaporative Cooling Modules	I-OPT-EC

Rating Plate and Serial No.

REZNOR
MERCER, PA. USA 16137

MADE IN MEXICO
SEPARATED COMBUSTION SYSTEM
DUCT FURNACE
CATEGORY III
FOR INDUSTRIAL/COMMERCIAL USE ONLY
ANSI Z83.8 [**AA**] - [**A**] CSA 2.6 [**AA'**] - [**A'**] DUCT FURNACE
MODEL [B][C]
SERIAL NO. [D]
WIRING DIAGRAM NUMBER [**Z**]
[**E**] VOLTS [**E**] PH [**E**] HZ MAXIMUM TOTAL INPUT [**E**] AMPS
TYPE OF GAS: [F]
ORIFICE SIZE [**J**] DRILL HAS BEEN FACTORY ADJUSTED
FOR USE AT [**H**] FEET [**I**] METERS OF ALTITUDE

	SEA LEVEL	ALT. ADJUSTED
NORMAL INPUT	[R]	[K] BTU/HR.
THERMAL OUTPUT CAPACITY	[S]	[L] BTU/HR.
MINIMUM INPUT(2,M,MV MODELS)	[T1 or T2]	[M] BTU/HR.
NORMAL MANIFOLD PRESSURE		[N] IN.W.C.
MIN. PERMISSIBLE GAS SUPPLY PRESSURE		
FOR PURPOSE OF INPUT ADJUSTMENT.		[O] IN.W.C.
MAXIMUM THROUGHPUT	[P] CFM.	
MINIMUM THROUGHPUT	[Q] CFM.	

CLEARANCES TO COMBUSTIBLE CONSTRUCTION: FLUE CONN. -6",
SERVICE SIDE-WIDTH OF UNIT, OPP. SIDE-6", BOTTOM-6", TOP-6"
MAY BE INSTALLED ON NONCOMBUSTIBLE FLOORS.
INSTALL ON THE POSITIVE PRESSURE SIDE OF AIR-CIRCULATING BLOWER.
THIS UNIT MAY BE INSTALLED DOWNSTREAM FROM A REFRIGERATION
SYSTEM (USE DRAIN OPTION CS1).
THIS UNIT MAY BE VENTED VERTICALLY WHEN USING CONCENTRIC
ADAPTOR ASSEMBLY, PART NO. 82131, SUPPLIED BY REZNOR.
FOR ALTERNATE INSTALLATIONS USE THE LATEST EDITIONS OF THE
APPROPRIATE STANDARD LISTED BELOW:
FOR AIRCRAFT HANGARS USE STANDARD ANSI/NFPA 409
FOR PARKING STRUCTURES USE STANDARD ANSI/NFPA 88A
FOR REPAIR GARAGES USE STANDARD ANSI/NFPA 88B
THIS UNIT IS FOR CONNECTION MINIMUM OF 10'-0" OR THE FOLLOWING
MAXIMUM LENGTHS:
[**X**] IN. PIPE DIA. [**Y**] FEET MAX. COMBINED LENGTH

Key to Rating Plate Codes

AA-A = ANSI Code and Date
AA'-A' = CSA Code and Date
B = Model No.
C = Date of Manufacture
D = Serial No.
E = Volts, Phase, Hz, Amps
F = Type of Gas
H = Altitude (feet)
I = Altitude (meters)
J = Orifice Size
K = Normal Input Altitude
Adjusted (BTUH)
L = Thermal Output Altitude
Adjusted (BTUH)
M = Minimum Input Altitude
Adjusted (BTUH)

N = Normal Manifold Pressure
("w.c.)
O = Minimum Gas Supply
Pressure ("w.c.)
P = Maximum Air Throughput
(CFM)
Q = Minimum Air Throughput
(CFM)
R = Normal Input Sea Level
(BTUH)
S = Thermal Output Sea Level
(BTUH)
T = Minimum Input Sea Level
(BTUH)
X = Pipe Diameter (inches)
Y = Maximum Combined Length
(inches)

Serial No.	BAA	66	H5	N	00000
Codes	1	2	3	4	5

- 1 - Date of manufacture (below)
- 2 - Type of pilot system (see Form P-VALVES)
- 3 - Type of gas valve (see Form P-VALVES)
- 4 - Gas (N= natural; L = propane)
- 5 - Consecutive number (identification only)

First Element of the Serial Number - Date of Manufacture

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1974	ZA	ZB	ZC	ZD	ZE	ZF	ZG	ZH	ZI	ZJ	ZK	ZL
1975	AAA	AAB	AAC	AAD	AAE	AAF	AAG	AAH	AAI	AAJ	AAK	AAL
1976	ABA	ABB	ABC	ABD	ABE	ABF	ABG	ABH	ABI	ABJ	ABK	ABL
1977	ACA	ACB	ACC	ACD	ACE	ACF	ACG	ACH	ACI	ACJ	ACK	ACL
1978	ADA	ADB	ADC	ADD	ADE	ADF	ADG	ADH	ADI	ADJ	ADK	ADL
1979	AEA	AEB	AEC	AED	AEE	AEF	AEG	AEH	AEI	AEJ	AEK	AEL
1980	AFA	AFB	AFC	AFD	AFE	AFF	AFG	AFH	AFI	AFJ	AFK	AFI
1981	AGA	AGB	AGC	AGD	AGE	AGF	AGG	AGH	AGI	AGJ	AGK	AGL
1982	AHA	AHB	AHC	AHD	AHE	AHF	AHG	AHH	AHI	AHJ	AHK	AHL
1983	AIA	AIB	AIC	AID	AIE	AIF	AIG	AIH	AIJ	AIJ	AIK	AIL
1984	AJA	AJB	AJC	AJD	AJE	AJF	AJG	AJH	AJI	AJJ	AJK	AJL
1985	AKA	AKB	AKC	AKD	AKE	AKF	AKG	AKH	AKI	AKJ	AKK	AKL
1986	ALA	ALB	ALC	ALD	ALE	ALF	ALG	ALH	ALI	ALJ	ALK	ALL
1987	AMA	AMB	AMC	AMD	AME	AMF	AMG	AMH	AMI	AMJ	AMK	AML
1988	ANA	ANB	ANC	AND	ANE	ANF	ANG	ANH	ANI	ANJ	ANK	ANL
1989	AOA	AOB	AOC	AOD	AOE	AOF	AOG	AOH	AOI	AOJ	AOK	AOL
1990	APA	APB	APC	APD	APE	APF	APG	APH	API	APJ	APK	APL
1991	AQA	AQB	AQC	AQD	AQE	AQF	AQG	AQH	AQI	AQJ	AQK	AQL
1992	ARA	ARB	ARC	ARD	ARE	ARF	ARG	ARH	ARI	ARJ	ARK	ARL
1993	ASA	ASB	ASC	ASD	ASE	ASF	ASG	ASH	ASI	ASJ	ASK	ASL
1994	ATA	ATB	ATC	ATD	ATE	ATF	ATG	ATH	ATI	ATJ	ATK	ATL
1995	AUA	AUB	AUC	AUD	AUE	AUF	AUG	AUH	AUI	AUJ	AUK	AUL
1996	AVA	AVB	AVC	AVD	AVE	AVF	AVG	AVH	AVI	AVJ	AVK	AVL
1997	AWA	AWB	AWC	AWD	AWE	AWF	AWG	AWH	AWI	AWJ	AWK	AWL
1998	AXA	AXB	AXC	AXD	AXE	AXF	AXG	AXH	AXI	AXJ	AXK	AXL
1999	AYA	AYB	AYC	AYD	AYE	AYF	AYG	AYH	AYI	AYJ	AYK	AYL
2000	AZA	AZB	AZC	AZD	AZE	AZF	AZG	AZH	AZI	AZJ	AZK	AZL
2001	BAA	BAB	BAC	BAD	BAE	BAF	BAG	BAH	BAI	BAJ	BAK	BAL
2002	BBA	BBB	BBC	BBD	BBE	BBF	BBG	BBH	BBI	BBJ	BBK	BBL
2003	BCA	BCB	BCC	BCD	BCE	BCF	BCG	BCH	BCI	BCJ	BCK	BCL
2004	BDA	BDB	BDC	BDD	BDE	BDF	BDG	BDH	BDI	BDJ	BDK	BDL
2005	BFA	BFB	BEC	BED	BEE	BEF	BEG	BEH	BEI	BEJ	BEK	BEL
2006	BFA	BFB	BFC	BFD	BFE	BFF	BFG	BFH	BFI	BFJ	BFK	BFL
2007	BGA	BGB	BGC	BGD	BGE	BGF	BGG	BGH	BGI	BGJ	BGK	BGL
2008	BHA	BHB	BHC	BHD	BHE	BHF	BHG	BHH	BHI	BHJ	BHK	BHL
2009	BIA	BIB	BIC	BID	BIE	BIF	BIG	BIH	BIJ	BIJ	BIK	BIL
2010	BJA	BJB	BJC	BJD	BJE	BJF	BJG	BJH	BJI	BJJ	BJK	BJL
2011	BKA	BKB	BKC	BKD	BKE	BKF	BKG	BKH	BKI	BKJ	BKK	BKL
2012	BLA	BLB	BLC	BLD	BLE	BLF	BLG	BLH	BLI	BLJ	BLK	BLL
2013	BMA	BMB	BMC	BMD	BME	BMF	BMG	BMH	BMI	BMJ	BMK	BML
2014	BNA	BNB	BNC	BND	BNE	BNF	BNG	BNH	BNI	BNJ	BNK	BNL
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	BDT	BTE	BTG	BTG	BTG	BTI	BTJ	BTB	BTB

Blower Cabinet Rating Plate on Certified Packaged Units

REZNOR
MERCER, PA., U.S.A. 16137
PACKAGED DUCT FURNACE
 FOR INDUSTRIAL/COMMERCIAL USE ONLY
 DESIGN CERTIFIED FOR A.G.A REQUIREMENTS UNDER
 [A] PACKAGED DUCT FURNACE STANDARD
 MODEL [B] [C]
 SERIAL NO. [D] HP
 [E] VOLTS [E] PH [E] HZ MAXIMUM TOTAL INPUT [E] AMPS
 IF EQUIPPED WITH REC OPTION, ADD [V] AMPS
 EQUIPPED FOR OPERATION AT AN AIR FLOW OF [F] SCFM
 AGAINST A STATIC PRESSURE OF [G] INCHES WATER COLUMN.
 DRIVE NO. [H] WIRING DIAGRAM [I]
 SEE MANUFACTURER'S INSTRUCTIONS FOR OTHER AIR FLOW
 CAPACITIES.
 FILTERS, WHEN USED, MUST BE INSTALLED EXTERNAL TO THE
 HEATER CASING.
 REFER TO THE RATING PLATE OF THE DUCT FURNACE FOR
 ADDITIONAL INFORMATION.

Key to Blower Cabinet Plate

A = Standard
 B = Model
 C = Date of Manufacture
 D = Motor Horsepower

E = Volts/Phase/Hertz/Amps
 F = SCFM
 G = Static Pressure (w.c.)
 H = Drive AM Option Code
 I = Wiring Diagram No.

**Identification
 Plate on
 Blower
 Cabinets
 Manufactured
 Prior to
 Package
 Certification**
 (see dates
 below)

REZNOR		MODEL NUMBER	SERIAL NUMBER
DRIVE NO.		WIRING DIAGRAM NO.	
CFM	AT	IN. W.C. MAX. E.S.P. AND	HP
	VOLTS	PHASE	HERTZ AMPERES

HP Codes:

Single-Speed Motors		2-Speed Motors	
Code	HP	Code	HP
05	1	20	1/4.4
06	1-1/2	21	1.5/6.8
07	2	22	2/8.8
08	3	23	3/1.3
09	5	24	5/2.2
11	7-1/2	25	7.5/3.3
12	15	26	10/4.4
13	10		
14	20		

Date Series was Introduced or Re-certified (may affect parts selection)

Series changes indicate when that Model was recertified by the approval agency. The Series is identified in the Model No. of the unit. The number following the model of the heater is the series number (Example: SC300-6, "6" is the Series No.). Replacement parts may be affected by the introduction of a new series.

NOTE: Series 6 had significant changes. Replacement parts specific to Series 1, 3, and 5 are not listed in this manual and are no longer available.

Introduction - Month/Year (Serial No. Date Code) of Furnace Certification					
	Models	Series 1	Series 3	Series 5	Series 6
ANSI Std	SC	3/74 (ZC)	9/82 (AHI)	4/89 (AOD)	10/93 (ASJ)
	SCA	3/74 (ZC)	9/82 (AHI)	4/89 (AOD)	10/93 (ASJ)
	SCB	3/74 (ZC)	9/82 (AHI)	4/89 (AOD)	10/93 (ASJ)
	SCE	8/74 (ZH)	9/82 (AHI)	4/89 (AOD)	10/93 (ASJ)
	SSCBL	1/92 (ARA)			1/97 (AWA)
C.G.A. Std	SC	3/75 (AAC)	--	--	10/93 (ASJ)
	SCA	3/75 (AAC)	9/82 (AHI)	1/91 (AQA)	10/93 (ASJ)
	SCB	3/75 (AAC)	9/82 (AHI)	1/91 (AQA)	10/93 (ASJ)
	SCE	--	9/82 (AHI)	1/91 (AQA)	10/93 (ASJ)
	SSCBL				1/97 (AWA)

NOTES: Manufacture of Models SCA and SCB was discontinued in 2001. Replacement parts are not listed in this manual and may not be available. If a part is needed, contact your distributor for availability.
 Manufacture of Model SCE was discontinued in 2011.

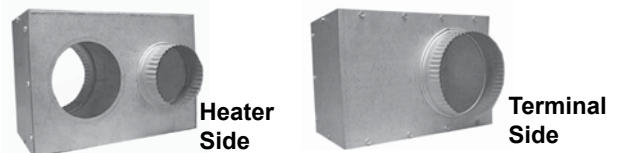
Replacement Parts Tag

Each unit may have a replacement parts tag that includes the Model No. and the Serial No. as well as a list of original common replacement parts. Always provide the full model and serial numbers when ordering replacement parts.

Vent Terminal/Combustion Air Intake Components - applies to all "SC" Series Models (one per furnace)

Code	Qty	P/N	Description
1	1	205883	Complete Horizontal Vent Terminal/Combustion Air Kit (Same as Option CC6) includes Codes 3, 4, 5, 6, 7, 10
2	1	205896	Complete Vertical Vent Terminal/Combustion Air Kit (Same as Option CC2) includes Codes 3, 4, 6, 8, 9, 10
Components:			
3	1	205885	Concentric Adapter Box Assy (CC2 & CC6)
4	2	207232	Concentric Adapter Box Bracket (CC2 & CC6) - not illustrated
5	1	205894	Inlet Guard for Horizontal (Option CC6)
6	4	37661	#10-16 x 1/2" lg Screws to attach CODE 5
7	1	53316	Screened Exhaust for Horizontal (Option CC6)
8	1	53330	Inlet Air Cap for Vertical (Option CC2)
9	1	53326	Exhaust Cap for Vertical (Option CC2)
10	1	53335	Tube of High Temperature (450°F) Silicone Sealant (not illustrated)

Code 3 - Concentric Adapter Assy for Separated Combustion Installation -- required on all Models



Code 5 - Inlet Guard for Horizontal Inlet (replaces inlet screen)



Code 8 - Inlet Air Cap for Vertical Inlet



Code 7 - Screened Exhaust Cap for Horizontal Vent



Code 9 - Exhaust Cap for Vertical Vent

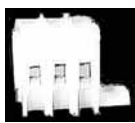


Electrical Components

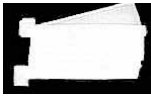
Locations - Control Side
(See parts illustrated on pages 4-7.)

Codes 12A and 12B

**Terminal Block,
P/N 144972**



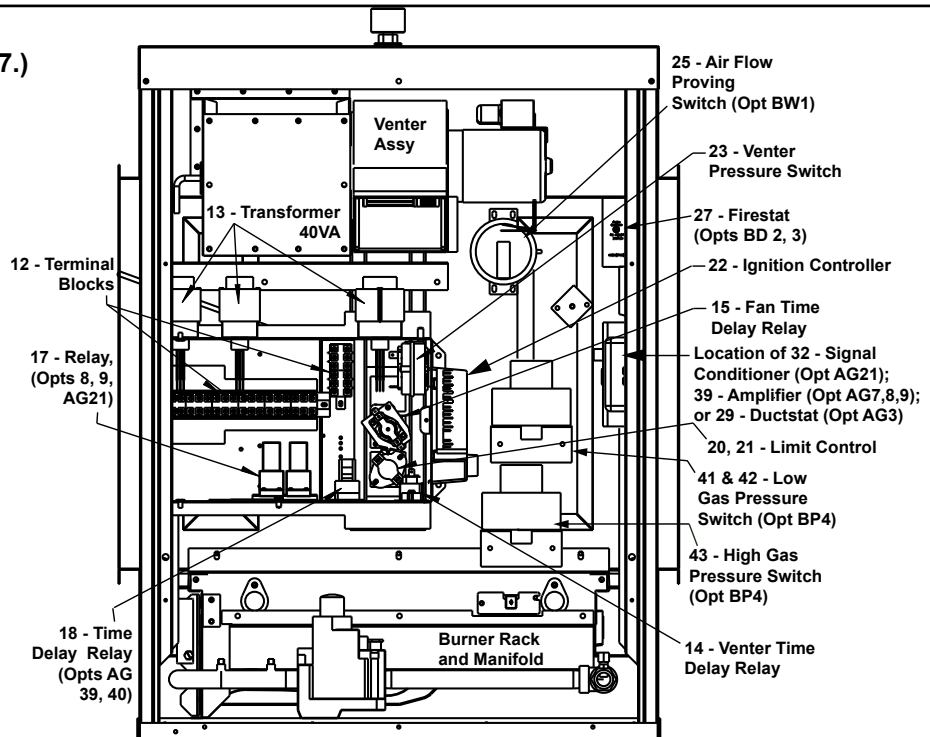
**Terminal Block
Adapter,
P/N 144973**



Code 13 - Control and Damper Transformers



P/N 103054, 115/24/20VA,
Basler #BE121625-WAR
P/N 103055, 115/24/40VA, Basler
#BE141650-WAA
P/N 103497, 208/230/24/40VA,
Basler #BE2153900
P/N 103498, 460/24/40VA, Basler
#BE23975001



Code 14 - Time Delay Relay , P/N 259780



To replace time delay relay (P/N 46233 or 259518) used on product manufactured prior to 2/2010, order replacement kit, **P/N 259521**.

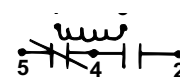
Code 15 - SPST Time Delay Relay (fan/blower control on units mfgd beginning 12/04), P/N 209164, Thermidisc I2S20-305131



For units manufactured prior to 12/04, the temperature activated fan control is no longer available. Order Replacement Kit, **P/N 209184**.

Code 16 - SPDT Relay, RBM 84-20103-301, P/N 18549

Same as Option BG3
& part of Option BG5



Code 17 - Relay, P/N 211411 and P/N 211415

For units manufactured prior to 9/2011, order a replacement kit, **P/N 263527**, to replace relay 14747, 98118, or 103317



Code 18 - Time Delay Relay, SPDT, 24V, Thermidisc 12S30, P/N 174810



Used in
Option AG39
and AG40

Code 19 - Time Delay Relay, T & B Agastat TM1ULA, P/N 89661

Used in freezestat circuit;
used in Option AG39 and
AG40 prior to 7/00



Limit Control and Limit Shield for SC Series 6

Code 20A - Limit Control P/N 50417, opens 125°F; closes 105°F



Code 20B - Limit Control Shield, P/N 9704



Code 21A - Limit Controls used on Model SSCBL mfgd beginning 1/97 (for older units, see below)

**Automatic Reset
Limit
Control with Linear
Sensor, TOD #10HG11,
P/N 148588**



**Automatic Reset
Limit Control,
TOD #60T11**

Key: (Applies to both limit tables)

"BL" Blower
Cabinet
Air Flow →

Furnace
#1

Furnace
#2

Furnace
#3

Furnace	Size 400	Sizes 500/600/800	Sizes 1050/1200
#1	50418, 145°F 148588, TOD #10HG11	50418, 145°F	50417, 125°F
#2		57953, 170°F 148588, TOD #10HG11	50418, 145°F
#3			57953, 170°F 148588, TOD #10HG11

Code 21B - Limit Controls and Shields used on Model Series SSCBL mfgd prior to 1/97

Limit Shields



P/N 12229

P/N 9704

**Automatic
Reset Limit
Control,
TOD
#60T11**



Furnace	Size 400	Sizes 500/600/800	Sizes 1050/1200
#1	50418, 145°F 12229, Limit Shield	50418, 145°F 12229, Limit Shield	50417, 125°F
#2		57953, 170°F	19080, 155°F 9704, Limit Shield
#3			57953, 170°F

Code 22 - Ignition Controllers

Ignition Controller for Intermittent Spark Pilot System without Lockout, P/N 257009 (Serial No. Code 94)

To replace a previously used recycling ignition controllers without lockout (Serial No. Codes 62 and 66), order Replacement Kit, P/N 257472



Ignition Controller for Intermittent Spark Pilot System with Lockout, P/N 257010 (Serial No. Code 95)

To replace a previously used ignition controllers with lockout (Serial No. Codes 63, 65 and 84), order Replacement Kit, P/N 257473



Code 23 - Combustion Air Pressure Switch

For units mfgd beginning 7/04 (except SC Series models with Option AG 39, 40, 41, or 42 gas controls) for altitudes to 4000 ft, P/N 204327 setpoint 0.58 ± 0.05 " w.c.; for altitudes above 4000 ft, P/N 204328, setpoint 0.52 ± 0.05 " w.c.



For SC/SCE units mfgd beginning 7/04 with Option AG39 or 40 and 1st furnace of SSCBL with Opt AG41 or 42 gas controls, P/N 204325 for Sizes 100-225 or PN 204326 for SC/SCE Sizes 250-400 and SSCBL 400-1200.

For units mfgd between 12/91 and 7/04 (except SC Series Models with Option AG39/40/41/42 gas controls), for altitudes to 4000 ft, order replacement kit P/N 193810; for altitudes above 4000 ft, P/N 193811.

For SC/SCE units mfgd between 12/91 and 7/04 with Option AG39 or 40 and 1st furnace of SSCBL with Opt AG41 or 42 gas controls, P/N 193813 for Sizes 100-225 or PN 193812 for SC/SCE Sizes 250-400 and SSCBL 400-1200.

Code 24 - ECO Device, Micro #G5AP0201, P/N 131450

ECO used on Series 6 on units manufactured prior to 12/99

Mounting Plate, P/N 82633



Codes 25 - Blower Air Flow Switch, Tridelta FP6605, Normally Open Non-adjustable, Setpoint .175" w.c., P/N 112107

See page 26 for blower sensor probe.



(Air Proving Switch, Option BW1)

Code 26 - Summer/ Winter Switch

(Used in Options BF4 and CH1)



P/N 3745 (6 Amp) - SCE 125-200

P/N 8338 (10 Amp) - SCE 225-400

Code 27 - Firestat, Honeywell

#L4029E 1029, Manual reset opens at 200°F, P/N 42782

Firestat Gasket, P/N 121041

(used when firestat is used w/o cover)

Firestat Shield, P/N 120021 (discharge firestat only)



Code 28 - Freezestat, J/C #A19AAF-12C, 25-225°F, P/N 126170, (replaces P/N 16108)



Bulb Clamp, P/N 100260

Grommet Clamp, P/N 131993

Cable Clamp, P/N 132065



Code 28 - Two-Stage Ductstat, Honeywell T678A1015, P/N 41700

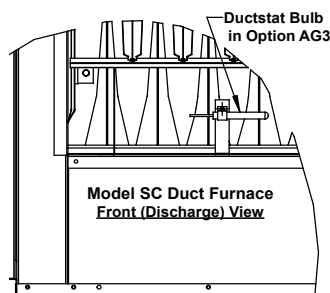
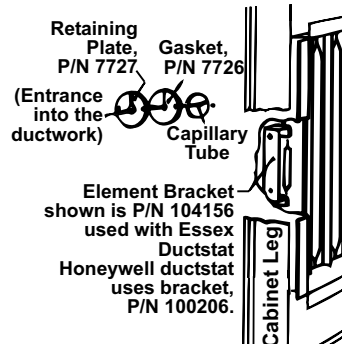


55-58°F, Capillary Length 5' - Used in Gas Control Options AG3, AG4, and AG5

Bulb Holder, P/N 100260

Cable Strap, P/N 16227

Discharge Sensor Location - one of the locations below.



Code 30A - Remote Ductstat Modules Used in Gas Control Options AG15, AG16, AG17, AG18, AG19, AG20



A = Ductstat Temperature Selector Module, J/C A350AA-1C, P/N 115848

B = Stage Adder Module, J/C S350AA-1C, P/N 115849

C = Digital Temperature Display Module, J/C D350AA-1C, P/N 115852

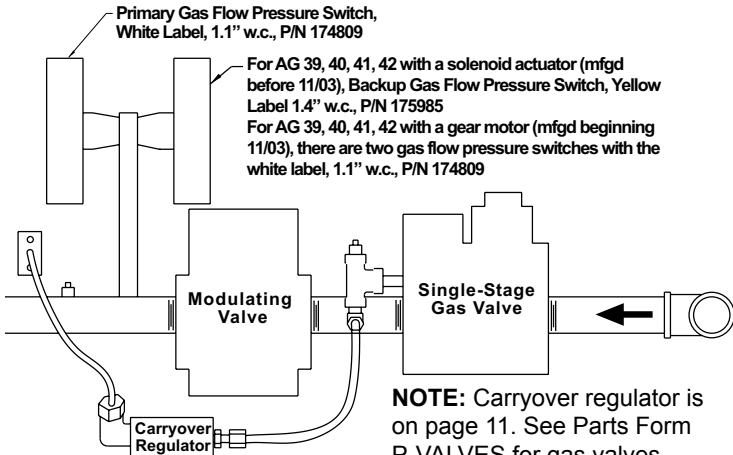
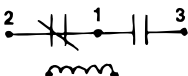
Code 30B - Ductstat Sensor and Holder for Code 30C Remote Ductstats

#TE6001-1, P/N 115850



Ductstat Sensor only, #A99BC-25C, P/N 115851, (part of P/N 115848 below)

Electrical Components (cont'd)

Code 31 - Discharge Sensor for Modulating Gas Control Options P/N 48041, Maxitrol TS-121, for Options AG8 and AG9 P/N 133228, Maxitrol TS-194, for Option AG39 and AG41  Gasket, P/N 104138	Code 32 - P/N 134170, Signal Conditioner for Modulating Gas Control Options AG21 and AG40 	Codes 33 and 34 - Fuse and Fuseholder Fuse Holder, P/N 60241  Fuses: 8 Amp, P/N 201773 3 Amp, P/N 201780 3 Amp, P/N 201803 	
Code 35 - Convenience Outlet Receptacle (Option BC2), P/N 96912 	Code 36 - Motor Contactor, 24V Coil, P/N 216386 (replaces P/N 93661 and P/N 119625)  For blower motor starters, see pages 13-16.	Code 37 - Temperature Control, J/C #A19ABC-24, -30 - 100°F, used in Gas Control Option AG41 and AG42 on Model SSCBL, P/N 197204 	Code 38 - Reverse Flow Limit, #60T11-313154, P/N 103323  Bracket, P/N 18795
Code 39 - Amplifiers for Modulating Gas Control Options Kit P/N 262320 replaces A1010B Amplifier, P/N 48035, used in Maxitrol 21HR (Option AG9) and 20AH (Option AG7) Systems and 1011F Amplifier, P/N 48036, in Maxitrol 30AH (Option AG7) and 31HR (Option AG9) Systems  Amplifier, Maxitrol A1010U, P/N 260863, in Replacement Kit P/N 262320 Kit P/N 262321 replaces A1010F Amplifier, P/N 48037, used in Maxitrol 21H (Option AG8) Systems and A1011F Amplifier, P/N 48038, used in Maxitrol 31H (Option AG8) Systems  Amplifier, Maxitrol AD1010U, P/N 260864, in Replacement Kit P/N 262321			
P/N 174848, Maxitrol A1092, used in Option AG39, AG40, AG41, and AG42 	Code 40 - Remote Temperature Selectors for Modulating Gas Control Options P/N 48042, Maxitrol TD121, used in Opt AG9  P/N 174849, Maxitrol TD92-0509, used in Options AG 39, 40, 41, 42 		
Codes 41, 42, 43 - Gas Pressure Switches Codes 41 & 42 - Low Gas Pressure Switch, P/N 93849 (Range 1-6" w.c.); P/N 149176 (Range 6-24" w.c.) Automatic Reset, Settings - 50% of minimum inlet gas pressure as stated on the unit rating plate  Code 43 - High Gas Pressure Switch, P/N 93850 Manual Reset, Settings - 125% of normal manifold gas pressure as stated on the unit rating plate  Vent Limiter, Maxitrol A1209, P/N 123481  Bracket, P/N 100261 	Code 44 - Gas Pressure Switches used in Gas Control Options AG39, AG40, AG41, AG42  Primary Gas Flow Pressure Switch, White Label, 1.1" w.c., P/N 174809 For AG 39, 40, 41, 42 with a solenoid actuator (mfgd before 11/03), Backup Gas Flow Pressure Switch, Yellow Label 1.4" w.c., P/N 175985 For AG 39, 40, 41, 42 with a gear motor (mfgd beginning 11/03), there are two gas flow pressure switches with the white label, 1.1" w.c., P/N 174809 NOTE: Carryover regulator is on page 11. See Parts Form P-VALVES for gas valves.		
Code 45 - 2-Speed Motor Speed Selector Relay, Essex 91-102006-1300, 24V, P/N 110656  	Codes 46 - Control and Damper Transformers, 200 & 300 VA  P/N 105202, 575/115/300VA - Use on 115V furnace P/N 39095, 230/460/575-24-200VA P/N 39094, 208/24/200VA		

Code 47 - Dirty Filter Pressure Switch, Tridelta AP4434, P/N 105507

Field adjustable; range .17 to 5.0" $\pm$.05" w.c.



Code 48 - KVA Transformer

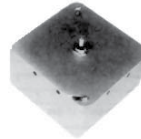


* Special order

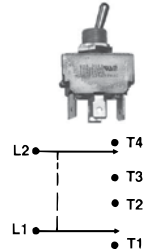
KVA	Primary			
	200/208	220/240 440/480	277	575
.25	19807	11279		113556
.50	19808	11100	14993*	
.75	24453*	11217	14994*	
1.0	24454*	16065	14995*	
1.5	24455*	24392*	14996*	
2.0	24456*	26628*	14997*	
3.0	24465*	26630*	14998*	
5.0	24466*	26631*	15003*	

Code 50 - Toggle Switches

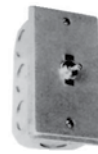
P/N 40277, DPDT, 3-Position Toggle Switch in a 4x4 box
(Same as Option CN1)



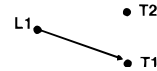
P/N 101900, DPDT, 3-Position Toggle Switch (replaces P/N 21826) - Used in Option CN1 and Remote Console Options RC 5, 6, 7, 8, 10, 11, and 12



P/N 39733, SPDT, 2-Position Toggle Switch in a 2x4 box
(Same as Option CN3)



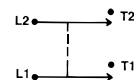
P/N 101901, DPST, 2-Position Toggle Switch (replaces P/N 1052) - Used in Options CN3, CN4, and Remote Console Options RC 3, 4, 7, 8, & 11



P/N 39732, DPST, 2-Position Toggle Switch in a 2x4 box
(Same as Option CN2)

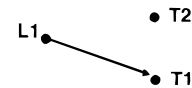


P/N 101902, DPST, 2-Position Toggle Switch (replaces P/N 16816) - Used in Options CN2, AG3, AG8, AG9 and Remote Console Option RC12



P/N 39748, SPST, 2-Position Toggle Switch in a 2x4 box
(Same as Option CN4)

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



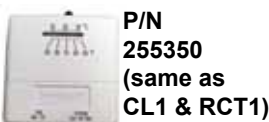
Code 51 - Disconnect Switches



Description	P/N's - U.S.		P/N's - Canada	
	Indoor	Same as Opt	Indoor	Same as Opt
30 Amp 240V Non-Fusible	40267	CP1		
30 Amp 240V Fusible (less fuses)	40268	CP2		
30 Amp 600V Non-Fusible	50365	CP3	208053	CP58
30 Amp 600V Fusible (less fuses)	50366	CP4	208046	CP41
60 Amp 240V Non-Fusible	161462	CP21		
60 Amp 240V Fusible (less fuses)	161459	CP17		
60 Amp 600V Non-Fusible	161464	CP23	208055	CP60
60 Amp 600V Fusible (less fuses)	161461	CP20	208047	CP43
100 Amp 240V Non-Fusible	161463	CP22		
100 Amp 240V Fusible (less fuses)	90973	CP18		
100 Amp 600V Non-Fusible	164330	CP24	208057	CP62
100 Amp 600V Fusible (less fuses)	155010	CP36	208049	CP45

Code 52 - Thermostats (Wall mounted Option CL; or mounted on the remote console, Opt RCT, see Code 57)

1-Stg Heat/Cool, 24v snap acting thermostat (50-90°F) with fan auto-on & cool-off-heat switches



P/N 255350
(same as CL1 & RCT1)

2-Stg Heat/Cool, 24v digital thermostat (40-90°F) with fan auto-on function

P/N 220630 (same as CL22 & RCT2)



Electronic modulating room override (60-85°F), low voltage for makeup air



P/N 24857
(same as CL9)

1-Stg Heat/Cool, 24v programmable thermostat (45-88°F) with fan auto-on and cool/off/heat.



P/N 220632
(same as CL52 & RCT9)

Electronic, 24v programmable thermostat, 2-stg heat and/or cooling



P/N 221038
(same as CL33 & RCT5)

Optional Remote Console

Optional RC style remote console includes a mounting ring so that the console may be either recessed or wall mounted. The box is of 16 gauge steel with knockout holes for field wiring.

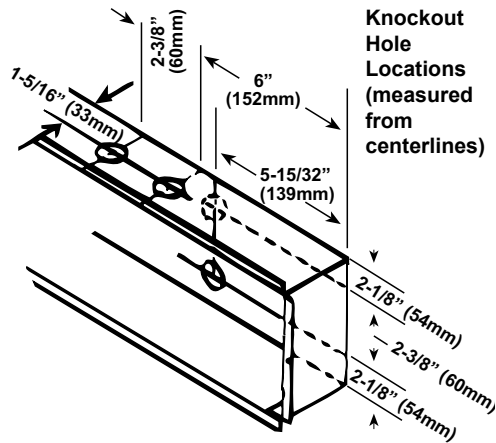
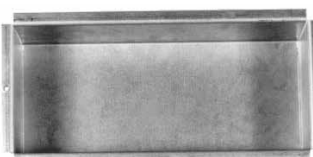
The cover is made of plastic with custom engraving. Order replacement parts for Option RC remote console by P/N.



Code	Description	P/N
53	Remote Console Box - 10-1/16x6-5/8x2-5/8	107010
	Remote Console Box - 15-1/16x6-5/8x2-5/8	107011
54	Mounting Ring for 10-1/16" long box	107014
	Mounting Ring for 15-1/16" long box	107015
55	Light for Red Lens, Solico #5TD1L-R-B5	101889
56	SPDT Switch, Cutler Hammer #7505K6	101901
	DPDT Switch, Cutler Hammer #7561K6	101900
57	Single-Stage Heating Thermostat	255350
	Two-Stage Heating Thermostat	220630
	Single-Stage Heating/Cooling Thermostat	220632
	Two-Stage Heating/Cooling Thermostat	221038
58	Potentiometer (See CODE 371, page 28)	16110

Remote Console (cont'd)

Code 53 - Console Box



Knockout Hole Locations (measured from centerlines)

Remote Console Components by Option - Options RC1-RC12

Component	Function	In Opt RC	Code
Blower ON Light	Lights when blower is operating	1-12	55
Burner ON Light	Lights when burners are lit	1-12	55
Dirty Filter Light	Lights when the pressure switch indicates that filters need to be cleaned or replaced	2, 4, 6, 8, 12	55
On/Off Control Switch	ON position energizes the unit for thermostat control. OFF position de-energizes the unit and closes optional automatically controlled outside air dampers.	3, 4, 7, 8, 11, 12	56
Summer/Winter/Off Control Switch	Summer position energizes the blower only. "Winter" position energizes the unit for thermostat control. "Off" position de-energizes the unit and closes optional automatically controlled outside air dampers.	5, 6, 10	56
Heat/Vent/Cool Control Switch	Heat position energizes the unit for thermostat control. Vent position energizes the blower & opens automatically controlled outside air dampers. "Cool" position energizes blower, dampers, and cooling unit.	7, 8, 11, 12	56
Cooling Light	Lights when cooling system is operating	7, 9, 11, 12	55

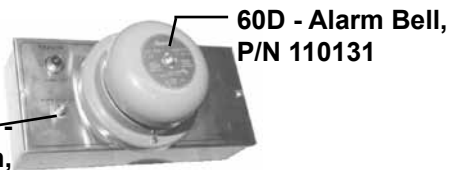
Console Dimensions (wall mounted - not recessed)

Console Options	Optional Control	Length*	Height*	Depth
RC 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12	without	10-3/4"	7-5/8"	2-5/8"
RC 1, 2, 3, 4, 5, 6, 9	with	10-3/4"	7-5/8"	2-5/8"
RC 7, 8, 10, 12	with	15-3/4"	7-5/8"	2-5/8"
RC 11	with & without	15-3/4"	7-5/8"	2-5/8"

* Subtract 5/8" from length & 1" from height when recessing console (not using wall-mounting ring)

Code 60 - Illinois School Code - Special Manifold
Option BM12 includes a Remote Console with Alarm Bell and Silencing Buttons

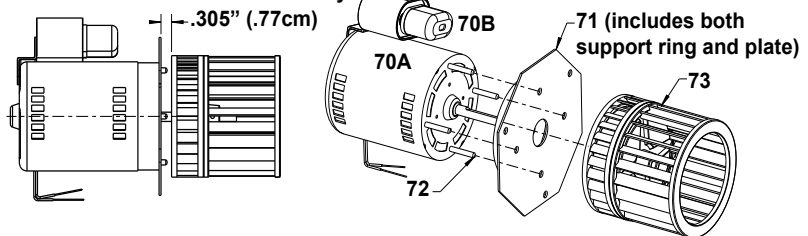
60A - Console Box, P/N 107010
60B - Light, P/N 101889
60C - Switch, P/N 110130



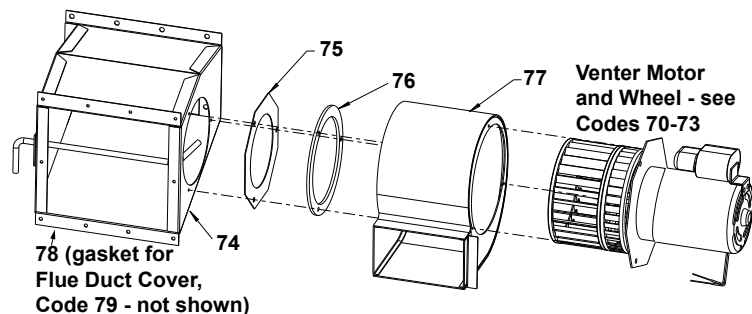
Venter and Flue Duct Parts - All Models

Venter Motor and Wheel - All Furnaces

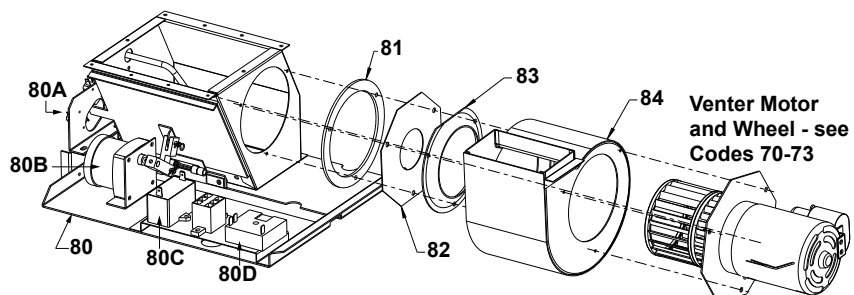
Venter Motor and Wheel Assembly



Flue Duct and Venter Parts for all SC/SCE units that do not have 20-100% electronic modulation Option AG 39 or 40; all furnaces in an SSCBL unit without Option AG 41 or 42; and 2nd and 3rd furnaces in an SSCBL unit with Option 41 or 42.

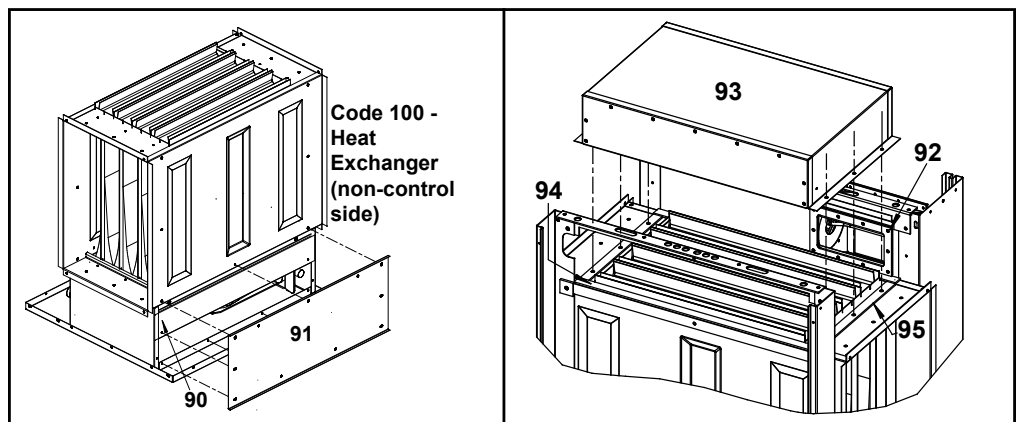


Flue Duct and Venter Parts for single furnace with 20-100% electronic modulation Option AG39 or AG40 and the first furnace in multiple furnace units with Option AG41 or AG42.



Code	Description	SSCBL							500	600	700/1050	400/800/1200
		SC, SCE	100	125	150	175	200	225	250	300	350	400
70	Venter Motor and Capacitor (includes 70A and 70B)	115V, AK1	131410									
		208/230V, AK2,3,5,6	131415									
		460V, AK 7, 9	165986									
70A	Venter Motor only	115V, AK1	163891									
		208/230V, AK2,3,5,6	163892									
		460V, AK7,9	163893									
70B	Motor Capacitor only	163894 (replaces 103181)										
71	Venter Motor Mounting Plate Assembly (includes plate and support ring)	125344 (includes plate, P/N 125347, and support ring, P/N 125346)									125345 (includes plate 125348 & support ring 125346)	
72	Nuts (Keps)	(4) 31522										
73	Venter Wheel, Torrington	43425, AD326-215-101-2, 5/16									43814, AD424-215-101-2, 5/16	
74	Flue Duct with Sensing Tube	125341										
75	Venter Restrictor Plate	w/aluminized heat exchanger	125855	125856	125857	125858	125859	68386	68388	43259	43260	68399
		w/stainless steel heat exchanger	125855	43254	125857	43257	125859	125860	68388	68392	125862	125863
76	Venter Gasket	44695										
77	Venter Housing	68380									68397	
78	Flue Duct Cover Plate Gasket	41996										
79	Flue Duct Cover Plate (not illustrated)	41995										
80	Flue Duct Restrictor and Gear Motor (includes 80 A, B, C, D)	For SC/SCE with Option AG 39 or 40, and 1st furnace of SSCBL with AG 41 or 42 mfgd beginning 11/2003	195117								■	195118
80A	End Switch		(2) 174812								■	(2) 174812
80B	Gear Motor		206144								■	206144
80C	Gear Mtr Capacitor		217031								■	217031
80D	Time Delay Relay		206146								■	206146
81	Venter Gasket	44695									■	44695
82 or 83	Venter Restrictor Plate (Sizes 100-250) or Inlet Ring (Sizes 300 & 400)	175786	68388	68386	68390	43260	175787	43260	62594	■	62594	
84	Venter Housing Assembly	68380									■	68397
85	Replacement Gear Motor Kit (to replace solenoid actuator)	208474									■	208475
86	Replacement Solenoid Actuator only (select by voltage - same apply to Sizes 400/800/1200)	For SC/SCE with Option AG 39 or 40, and SSCBL with AG 41 or 42 mfgd before 11/2003	174847 (460V)								■	174847
			174846 (208/230V)								■	174846
			174814 (115V)								■	174814

Interior Cabinet Parts and Heat Exchanger - All Models



Code	Description	SSCBL					500/600	700/ 1050	400/800 /1200
		SC/SCE	100	125	150/175	200/225	250/300	350	400
90	Burner Rack Back Brace	9525							
91	Rear Seal Plate	38616							
92	Outlet Duct Gasket (2)	31900							
93	Flue Collection Box Assembly	125264	125265	125266	125274	125275	125276	125469	
94	Side Gasket (2)	62933							
95	Front and Rear Gasket (2)	62921	62922	62924	62926	62928	62930	62932	

Heat Exchanger - Applies to all Models (one heat exchanger per furnace section; directional baffles apply as listed)

Heat Exchanger Directional Air Baffles (page 10)

Directional air baffles cannot be installed in the replacement heat exchanger at the factory. They must be ordered separately and installed in the field.

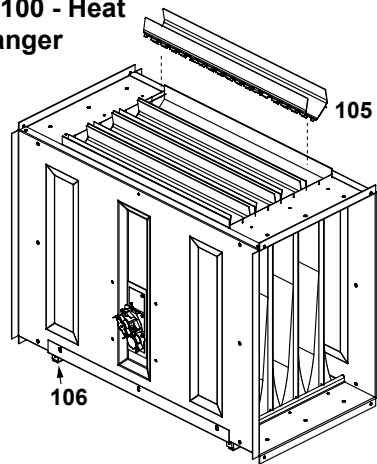
1) Model SC is equipped with a heat exchanger directional air baffle assembly (Code 102) as illustrated on page 10.

When replacing a heat exchanger, check to see if the baffle assembly can be salvaged. If the baffle assembly cannot be salvaged, order and install a replacement.

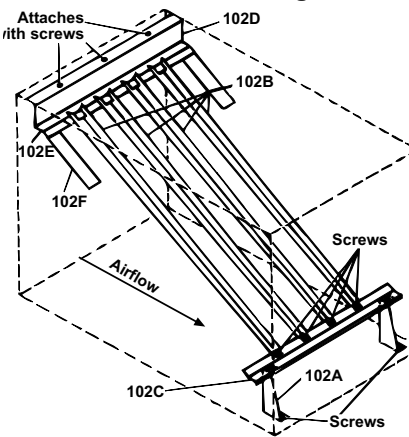
2) Model HSC and the discharge furnace only on a Model SSCBL are equipped with only a rear top baffle support (Code 103) and a rear top baffle (Code 104). If these parts cannot be salvaged, order and install replacements.

Heat Exchanger (cont'd)

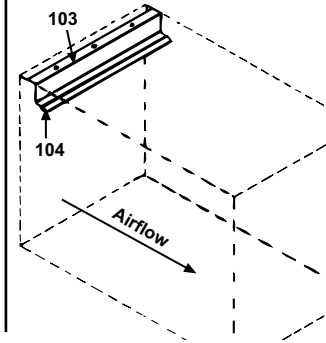
Code 100 - Heat Exchanger



Code 102 - Heat Exchanger Baffle Assy



Heat Exchanger Baffle in Model HSC and Model SSCBL discharge furnace only



Code	Description	SSCBL	Qty					500/600	700/1050	400/800/1200
		SC, SCE		100	125	150/175	200/225	250/300	350	400
100	Heat Exchanger for SC, SCE, SSCBL (replacement gaskets, Code 101, required)	Aluminized Steel	1	44301	44304	44307	44310	44313	44316	44319
		409 Stainless Steel	1	44302	44305	44308	44311	44314	44317	44320
		321 Stainless Steel	1	44303	44306	44309	44312	44315	44318	44321
101	Heat Exchanger Gaskets for SC, SCE, and SSCBL (required w/replacement heat exchanger)		2	62921				62932		
			2					62933		
102	Heat Exchanger Baffle Assembly		1	55094	55095	55096	55097	55098	55099	55100
102A	Finger Baffle Support Bracket		>	(2)	(2)	(2)	(2)	(4)	(4)	(4)
102B	Finger Baffle		>	(3)	(4)	(6)	(8)	(11)	(13)	(15)
102C	Bottom Baffle Support		1	46478	46484	46489	46494	46499	46504	46509
102D	Rear Top Baffle Support		1	55103	55104	55106	55108	55110	55112	55114
102E	Rear Top Baffle		1	55116	55117	55119	55121	55123	55125	55127
102F	Side Finger Baffle		2	55128	55128	55128	55128	55128	55128	55128
103	Rear Top Baffle Support	All HSC & SSCBL	1	55103	55104	55106	55108	55110	55112	55114
104	Rear Top Baffle	discharge unit only	1	55228	55229	55231	55233	55235	55237	55239
105	Heat Exchanger Tube Baffles ("V" with Turbulators)			(4)	(5)	(7)	(9)	(12)	(14)	(16)
106	Burner Rack Slide Rail		2	9897	9857	9819	9781	9745	9709	9517

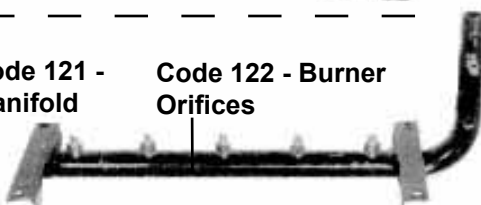
Burner Rack and Components - Applies to all Furnaces (one per furnace section)

Code 110 - Burner Rack



Code 121 - Manifold

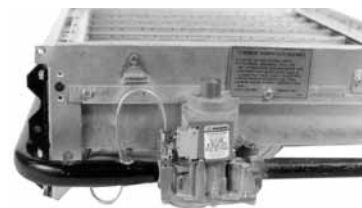
Code 122 - Burner Orifices



Code 122 - Burner Orifices (sea level)

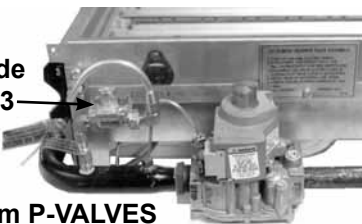
SSCBL								500	600	700/1050	400/800/1200
SC/SCE		100	125	150	175	200	225	250	300	350	400
	Qty	4	5	7	7	9	9	12	12	14	16
Natural Gas	P/N	11792	84437	11833	84437	11828	84437	11833	84437	84437	84437
	Drill	#41	#42	#44	#42	#43	#42	#44	#42	#42	#42
Propane	P/N	61652	61652	11830	61652	11830	61652	11830	61652	61652	61652
	Drill	1.45 MM	1.45 MM	#55	1.45 MM	#55	1.45 MM	#55	1.45 MM	1.45 MM	1.45 MM

Series 6 Natural Gas Burner Rack with two flash carryovers (one on each end)
Gas Valve - See Form P-VALVES



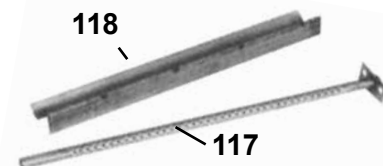
Series 6 Propane Gas Burner Rack with air shutters and a regulated carryover with carryover tube and drip shield.
(has a flash carryover on the end opposite the orifices)

Code 123



Gas Valve - See Form P-VALVES

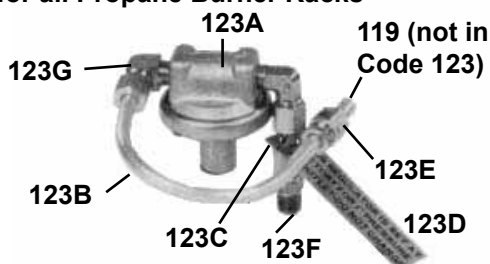
Codes 117 and 118 - Carryover Tube and Drip Shield for Burner Rack



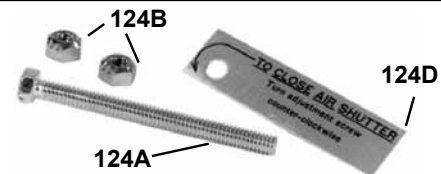
Code	Description		SSCBL					500/ 600	700/ 1050	400/ 800/ 1200	
			SC/SCE	100	125	150/ 175	200/ 225	250/ 300	350	400	
110	Burner Rack with Aluminized Steel Burners for natural gas (includes main burners, two flash carryovers, aeration panel, burner rack skirt and auxiliary sensing probe)		SC, SCA, SCB, SCE, SSCBL Series 6 (If unit has Gas Control Option AG39, AG40, AG41, or AG42 see below)	125287	125288	125289	125290	125291	125292	125293	
	Burner Rack with Stainless Steel Burners for natural gas (includes main burners, two flash carryovers, aeration panel, burner rack skirt, and auxiliary sensing probe)			131995	131996	131997	131998	131999	132000	132001	
	Burner Rack with Aluminized Steel Burners for propane gas (includes main burners, one flash carryover, aeration panel, regulated carryover lighter tube, air shutters, burner rack skirt, and auxiliary sensing probe)			125698	73749	73751	73754	73757	73760	73762	
	Burner Rack with Stainless Steel Burners for propane gas (includes main burners, one flash carryover, aeration panel, regulated carryover lighter tube, air shutters, burner rack skirt, and auxiliary sensing probe)			132067	132068	132069	132070	132071	132072	132073	
	Replacement burner rack for Models SC, SCE, SSCBL with 20-100% modulation with Option AG39 or AG40 or 1st furnace of Model SSCBL with Option AG41 or AG42, natural gas only, is the same stainless steel burner rack as used with propane gas.		SC, SCE, SSCBL with Opt AG 39 or 40 and 1st furnace of SSCBL with Option AG41 or AG42	132067	132068	132069	132070	132071	■	132073	
111	Main Burner Tube only		Qty	(4)	(5)	(7)	(9)	(12)	(14)	(16)	
			Aluminized	85218							
			Stainless Steel	87954							
112	Flash Carryover (one piece)	Series 6 natural gas have 2 per burner rack; Series 6 propane & all Series 3 & 5 have 1 per burner rack	63128	63131	63138	■	■	■	■		
113	Flash Carryover Right Section		■	■	■	63148	63141	63148	63152		
114	Flash Carryover Left Section		■	■	■	63144					
115	Flash Carryover Center Section		■	■	■	■	63156	68071			
117	Carryover Lighter Tube (Tube only)	Series 6 Propane only	9899	9859	9821	9783	9747	9711	9520		
118	Carryover Lighter Tube Drip Shield		15015	15014	15013	15012	15011	15010	14957		
119	Carryover Orifice (NOTE: Series 6 Natural Gas does not have a carryover lighter tube except for heaters with 20-100% modulation, Options AG 39, 40, 41, or 42)	Propane - all	P/N	9870		9680		10370	38274		
			Drill	(70)		(65)		(59)	(57)		
		Natural Gas with/Opt AG 39 or 40 or 1st furnace of SSCBL with Opt AG 41 or 42	P/N	9870		9680		10370	■	9791	
			Drill	(70)		(65)		(59)		(56)	
120	Burner Rack Isinglass			(2) 10756							
121	Manifold (less orifices)			86338	86339	86340	86342	86343	86344	86345	
122	Burner Orifices -- see chart on bottom of page 10.										

Regulated Carryover & Air Shutters - Propane Burner		
Code	Description	All Sizes
123	Regulated Carryover Assembly - Propane (includes Codes 123A-K)	100712
123A	Carryover Regulator, Maxitrol RV-12, Propane Gas	11294
123B	Carryover Regulator Tubing 1/4x5-1/2"	9681
173C	Carryover Regulator Tubing 1/4x1-1/4"	11892
123D	Carryover Regulator Tag	11935
123E	Carryover Regulator Fitting (Compression Fitting)	9664
123F	Carryover Regulator Fitting, Regulator to Manifold	1436
123G	Carryover Regulator Fitting, 90° Brass Elbow	(2) 18224
124A	Air Shutter Adjustment Screw, 1/4-20 x 2-1/2" long	10653
124B	Air Shutter Screw Nut, 1/4" -20	10650
124C	Air Shutter Slide Tinnerman Nut, 1/4"-20 (not illustrated)	10651
124D	Air Shutter Adjustment Instruction Tag	11934

Code 123 - Carryover Regulator Assembly for all Propane Burner Racks



Codes 124A-D - Air Shutter Hardware for Propane Burner Rack



Code 125 - Carryover Regulator used with Modulation Gas Control Options AG39 or AG40 or 1st furnace of SSCBL with Options AG41 or 42, P/N 11294

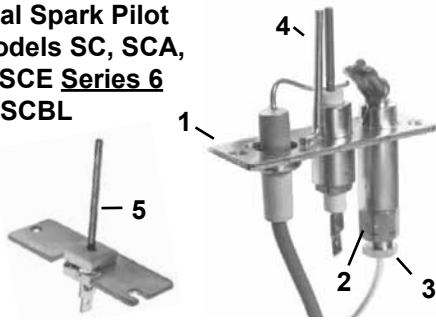
See illustration in Code 44 on page 6.



Code 126 - Manual Gas Valves - All Furnaces (Reference: For electric gas valves, see Form P-VALVES. Electric gas valves are identified from the heater Serial No.; see page 2.)

Pilot Shutoff Valve, P/N 3284 	Ball Valve Adapter  1", P/N 110758; 1-1/4", P/N 110759; 1/2", P/N 120373; 3/4", P/N 120169	125 PSIG Gas Valve  1", P/N 159725; 1-1/4", P/N 159729
Aluminum Shutoff Valves 1/2", P/N 196910, with Union, P/N 15971; 3/4", P/N 196911, with Union, P/N 15972 		

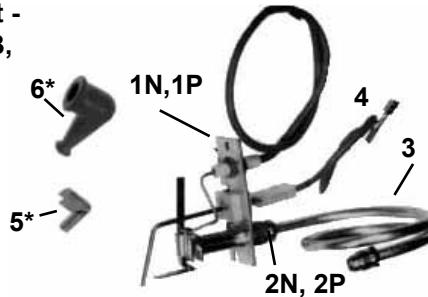
Code 129 - Pilots
Vertical Spark Pilot
for Models SC, SCA,
SCB, SCE Series 6
and SSCBL



Replacement Pilot Kits		Natural Gas - P/N 131457
		Propane - P/N 131458
Code	P/N	Component Description
1	125251	Natural Gas Pilot Assembly with orifice, pilot tubing, flame probe; less flame sensor lead and fitting (J/C J981HKW 9731-713)
	125671	Propane Pilot Assembly with orifice, pilot tubing, flame probe; less flame sensor lead and fitting (J/C J981HKW 9715-413)
2	93973	Natural Gas Orifice only, #9731-713 (brass)
	126024	Propane Orifice only, #9715-413 (black)
3	98698	Pilot Tubing, 1/8" OD x 18" lg (J/C #B10499-995-11)
	97572	Compression Fitting FTG75 (2 required when replacing pilot tubing)
4	126104	Flame probe, J/C Y75AA-2
5	126101	Auxiliary flame probe with bracket, J/C Y75 GB-1
6	125401	(2) Sensor lead assembly, 18 ga. x 14", 150°C

Horizontal Spark Pilot -
Models SC, SCA, SCB,
SCE, SSCBL
prior to Series 6

Replacement
Pilot Kits:
Natural Gas -
P/N 110861
Propane -
P/N 110862



Code	P/N	Component Description
1N	61145	Natural gas pilot with orifice, high tension lead, flame probe (less pilot tubing & sensor lead)
1P	61146	Propane pilot with orifice, high tension lead, flame probe (less pilot tubing & sensor lead)
2N	63088	Natural gas pilot orifice only (7221)
2P	37801	Propane pilot orifice only (4209)
3	5145	Pilot tubing, 22" long
	9664	Nut with breakaway ferrules (2 required)
4	44675	Sensor lead 9" long
5*	112647	Crimp-on, 90° Rajah terminal connector
6*	112648	90° Boot Terminal Protector

Instructions for connecting ignitor lead on replacement spark pilots to Model G60 & G67 ignition controllers:

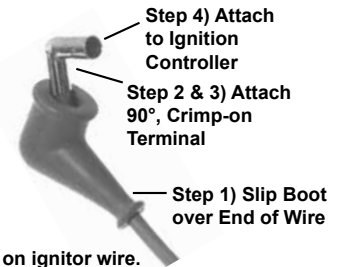
1. Identify the ignitor wire attached to the pilot electrode. Slip the 90° protective boot on to the wire, as illustrated ➔.
2. On the "open" leg of the 90° crimp-on terminal (P/N 112647), locate a flat, triangular spike tab punched in the metal. With the tip of a small, straight screwdriver, force the spike tab toward the inside of the connector. Straighten the tab to a vertical position.
3. Insert the ignitor wire into that same connector leg (just to the 90° bend) and push the wire onto the protruding spike tab, making sure that the tab penetrates the insulation. (Do not strip the ignitor wire.) Using a crimping tool or pliers, squeeze the sides of the terminal to form a "C" shape. The ignitor wire should now be firmly held by the terminal.

4. Slide the protective boot over the terminal. Holding the boot, attach the 90° Rajah terminal to the ignitor lead Rajah connector on the Model G60 or G67BG/NG-2 ignition controller.

Crimp-on, 90°
Rajah Terminal
Connector,
P/N 112647

Effective with replacement pilots purchased beginning 9/91, the crimp-on connector and protective boot are required (in the kit or separately) on units equipped with a Model G60 or G67BG-NG-2 ignition controller.
 (NOTE: These parts are not required when the ignition controller is a Model G67BG-5 or G770NGC-4.)

Protective
Boot,
P/N 112648

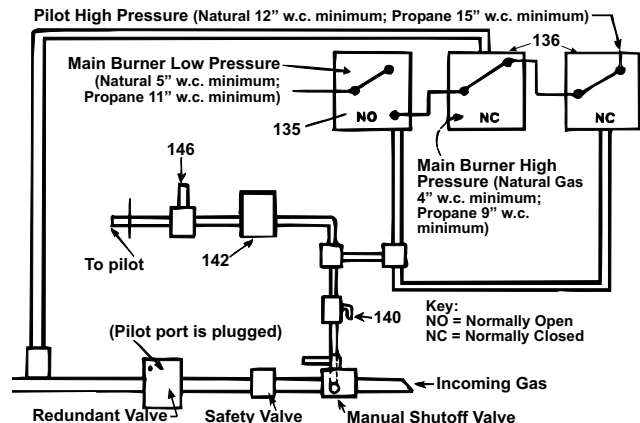


Install boot
and terminal on ignitor wire.

Special Manifold Components

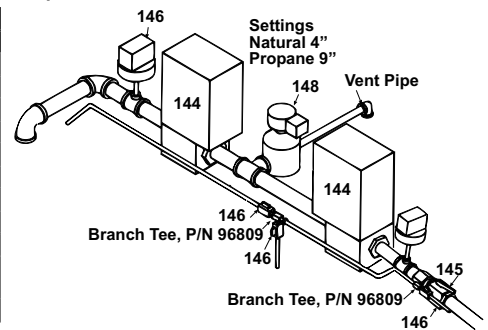
Codes 130-143 - Illinois School Code, Option BM12 (applies to Model SCE Series 6 and Model SSCBL)

Code	Description	P/N
Components for Illinois School Code Manifold (Option BM12 is no longer required but was available on SCE and SSCBL)		
130	Low Gas Pressure Switch, see page 6, Code 41 or 42	
131	High Gas Pressure Switch, see page 6, Code 43	
132	Vent Limiter, Maxitrol A1209, see page 6	
133	Pressure Switch Brackets	(3-7)100261
134	Manual Gas Valve (one per unit), page 11	
135	Manual Pilot Shutoff (one per unit), page 11	
136	Safety Solenoid Valve (one per unit)	88242
137	Pilot Valve (one per unit)	25787
138	Pilot Valve Bracket	100262
139	Relay SPDT - Order Replacement Kit, P/N 263527	
140	Relay SPST - Order Replacement Kit, P/N 263527	
141	Pilot Regulator, Maxitrol 400S	86965
142	Switch Push Button (Alarm Silencing)	110130
143	Alarm Bell (Adaptable Edwards #340-465, 24V)	110131



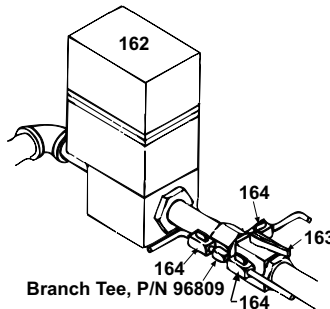
Codes 144-161 - IRI, Option BM13 (applies to Model SSCBL 1050 and 1200) - DISCONTINUED 9/2003

Code	Description	P/N	Code	Description	P/N
Components for IRI Manifold (Option BM13)					
144	Fluid Power Valve	(2)89356	154	Transformer 230/460 to 115V, .5KVA	86997
	Fluid Power Valve Actuator	(2)86993		Transformer 208 to 115V, .5KVA	86998
145	Low Gas Pressure Switch, pg 6, Code 41 or 42.			Transformer 208 to 115V, 250VA	86991
146	High Gas Pressure Switch, page 6, Code 43.			Transformer 230/460/575 to 115V, 300VA	105202
147	Vent Limiter, Maxitrol A1209, pg 6	(2)123481	155	Pilot Regulator	(3)86965
148	Vent Solenoid Valve	86996	156	Valve Box Top	110194
149	Pilot Valve (one per unit)	25787	157	Valve Box Inlet Side	110195
150	Manual Shutoff & Ball Valve Adapter, page 11		158	Valve Box Plain Side	110196
151	Pilot Manual Shutoff (1 per unit), page 11		159	Valve Box Back	110197
152	RBM Relay - Order Replacement Kit, P/N 263527.		160	Top Door	110198
153	Pilot Valve Bracket	(2)100262	161	Bottom Door	110199



Code	Description	P/N
Components for FM Manifold (Option BM14 is available on Model SSCBL)		
162	Fluid Power Valve	89356
	Fluid Power Valve Actuator	86993
163	Manual Shutoff and Ball Valve Adapter, page 11	
164	Pilot Manual Shutoff (one per unit), page 11	
165	Pilot Valve (one per furnace)	25787
166	Pilot Valve Bracket	100262
167	Pilot Regulator	86965
168	Transformer 230/460/575 to 115V, 300VA	105202
	Transformer 208 to 115V, 250VA	86991
169	Valve Box Top	110211
170	Valve Box Inlet Side	110195
171	Valve Box Plain Side	110196
172	Valve Box Back	110212
173	Top Door	110213
174	Bottom Door	110214

Codes 162-174 - FM, Option BM14 (applies to Model Series SSCBL)



Codes 136, 137, 149, 165 - Solenoid Valve

1/4", P/N 25787
3/4", P/N 88242
1", P/N 112922



Code 138, 153, 166 - Pilot Valve Bracket in Options BM12, BM13, BM14, P/N 100262



Codes 144 and 162



P/N 86993 Actuator (M/H V4055A1007)



Valve only (used with actuator on the right)

Size	Gas	Reznor	M/H
1"	N or P	86992	V5055A1004
1-1/4"	N or P	89356	V5055A1012
2"	N or P	91079	V5055A1038

Code 148 - Vent Valve, G/C #S262, P/N 86996



Codes 155 and 167 - Pilot Regulator, Maxitrol R400S, P/N 86965



Springs for R400S Pilot Regulator			
Maxitrol #	Color	Pressure Range	Approx Length.
R400B10-13	Brown	1.0 to 3.5" w.c.	1-9/16 to 2"
R400B10-25	Cadmium Plate	2.0 to 5.0" w.c.	1-9/16 to 2"
R400B10-36	Cadmium Plate	3.0 to 6.0" w.c.	1-9/16 to 2"
R400B10-38	Pink	3.0 to 8.0" w.c.	1-9/16 to 2"

Replacement Blower Motors, Starters, and Variable Frequency Drives

Replacement Motors (Tables on pages 14-16)

Motors in the Open, TEFC, and Premium Efficiency tables that are **highlighted in gray** do not have internal overload protection and **must** be used with the motor starter and overload listed in the table. Refer to the wiring diagram for applicable AL and AN or VFD option codes. See **Code 36**, page 6, for standard motor contactor (Option AN2), **P/N 216386**, for motors with internal overloads. If equipped with an optional variable frequency drive, see P/N's on the right.

Replacement IEC Starters and Overloads (Listed by motor on pages 14-16.)

When ordering a replacement IEC starter (contactor) or overload, check the manufacturer's number on both parts. If the number is different than that listed, both components must be replaced. IEC Starter (contactor) and overload are mounted on rail, **P/N 111387**. Replacement holding coils are listed on page 17. If the motor has a NEMA starter, see replacement information on page 16.

IEC Starter (Contactor)



IEC Adjustable Overload



Variable Frequency Drive (Option VFD) and Matching Line Reactor



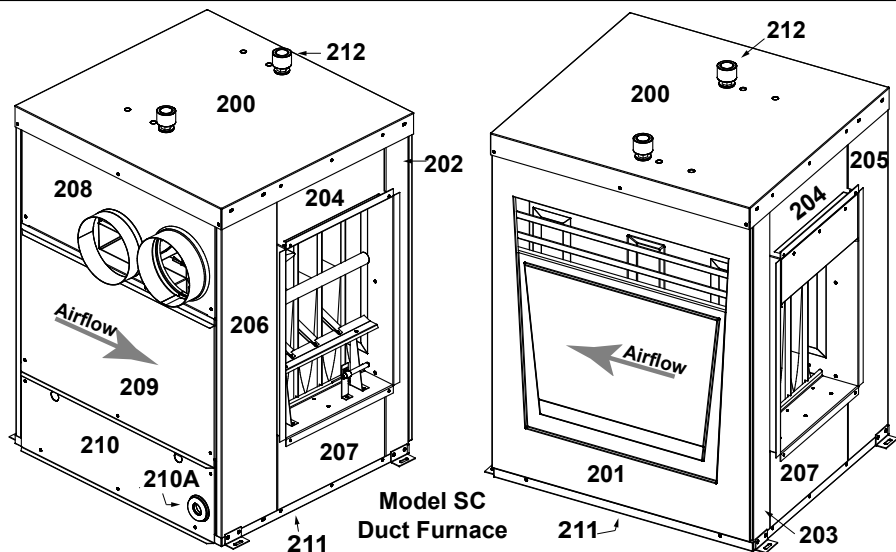
Mtr HP	VFD Drive & Matching Line Reactor	208/1/60 230/1/60			208/3/60 230/3/60			480/3/60			575/3/60		
		ODP	TEFC	Prem	ODP	TEFC	Prem	ODP	TEFC	Prem	ODP	TEFC	Prem
1/2	Drive	221600	221605	N/A	221612	N/A							
	Line Reactor	221595	221598		221590								
3/4	Drive		221606	N/A	221613	N/A							
	Line Reactor	N/A	221598		221591								
1	Drive	221601	221607		221614								
	Line Reactor	221596	221594		221592								
1-1/2	Drive	221602	221608		221615								
	Line Reactor	221597	221595		221593								
2	Drive	221603	221609		221616						221855		
	Line Reactor	221597	221596		221585						NA (Built-in)		
3	Drive	221604	221610		221617						221856		
	Line Reactor	221599	221597		221586						NA (Built-in)		
5	Drive		221611		221618						221857		
	Line Reactor	N/A	221599		221587						NA (Built-in)		

Exterior Cabinet Parts - Furnace Section Models SC and SCE (Quantity not listed in parenthesis is one.)

Furnace Section Exterior Cabinet Parts - Models SC Duct Furnace and Model SCE Furnace/Blower Packaged Unit

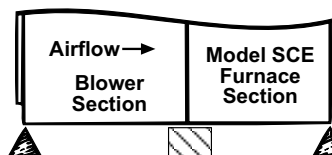
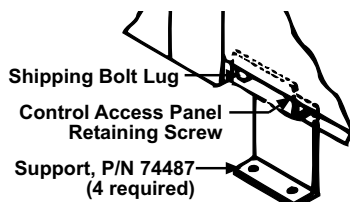
REZNOR Label,
P/N 196689

Gray Sealant (3M
900 Duct Sealer Fast
Bond), P/N 100117



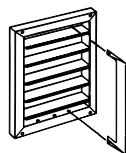
Code	Description	Application	Size							
			100	125	150/175	200/225	250	300	350	400
200	Casing Top Assembly with insulation	SC Series 6	125309	125310	125311	125312	125313		125314	125315
		SCE Series 6	125567	125568	125569	125570	125571		125572	125573
201	Right Casing Side Panel	w/insulation - SC	80582			80585				
		SCE	11819			11849				
202	Corner Leg - Right Front	SC, SCE	10309			10311				
203	Corner Leg - Right Rear	SC	10310			10312				
		SCE	10310			11005				
204	Top Front & Top Back (2)	w/insulation - SC	126330	64667	64669	80574	80576		80578	80580
		SCE	10861	10869	10875	10886	10892		10900	10906
205	Left Rear Corner Leg (control side)		126109			126110				
206	Left Front Corner Leg (control side)		126111			126112				
207	Bottom Front & Rear Panel Assembly w/insulation (2)		67693	64662	64664	80561	80564		80567	80570
208	Venter Panel Assembly		125351			130224				
209	Access Panel Assembly		126012							
210	Bottom Left Side Panel with Grommet & Sight Hole Cover	SC	125695 (with insulation)			125692		125693		
		SCE Series 6	125692					125693		
210A	Vinyl Grommet		102607					15021		
211	Bottom Pan Assembly	Aluminized,	125267	125268	125269	125270	125271		125272	125273
		Stainless Steel	129516	129517	129518	129519	129520		129521	129522
212	Hanger Assembly (2)		9557							
213	Mounting Support (below)	(4 required)	74487							
214	Louver Frame with Horizontal Louvers (Horizontal & vertical louvers are optional on SCE.)		10020	10018	10016	10014	10012	10012	10010	10001
215	Horizontal Louver only		(5)9923	(5)9887	(5)9847	(5)9808	(10)9769		(10)9733	(10)9553
216	Vertical Louver only		(4)9554		(6)9554	(8)9554	(10)9554		(12)9554	(14)9554
217	Maroon Touchup Paint for Louvers, 12 oz can		207432							
218	Condensate Drain Kit	same as Opt CS1	31765							

Code 213 - Mounting Supports for Models SC and SCE

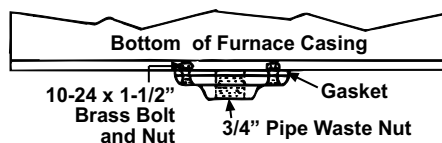


Model SCE - P/N 74487 as illustrated above may be used at the four corner support locations. Do not use this type of support at the center support locations (between the furnace and the blower section). At the center locations, a field-fabricated, angle-iron brace support must extend horizontally, jointly supporting a portion of both the furnace and the blower cabinet. All supports must be non-combustible.

Codes 214, 215, & 216 - Horizontal and Vertical Louvers



Code 218 - Condensate Drain Kit



Blower Cabinet and Components - Model SCE

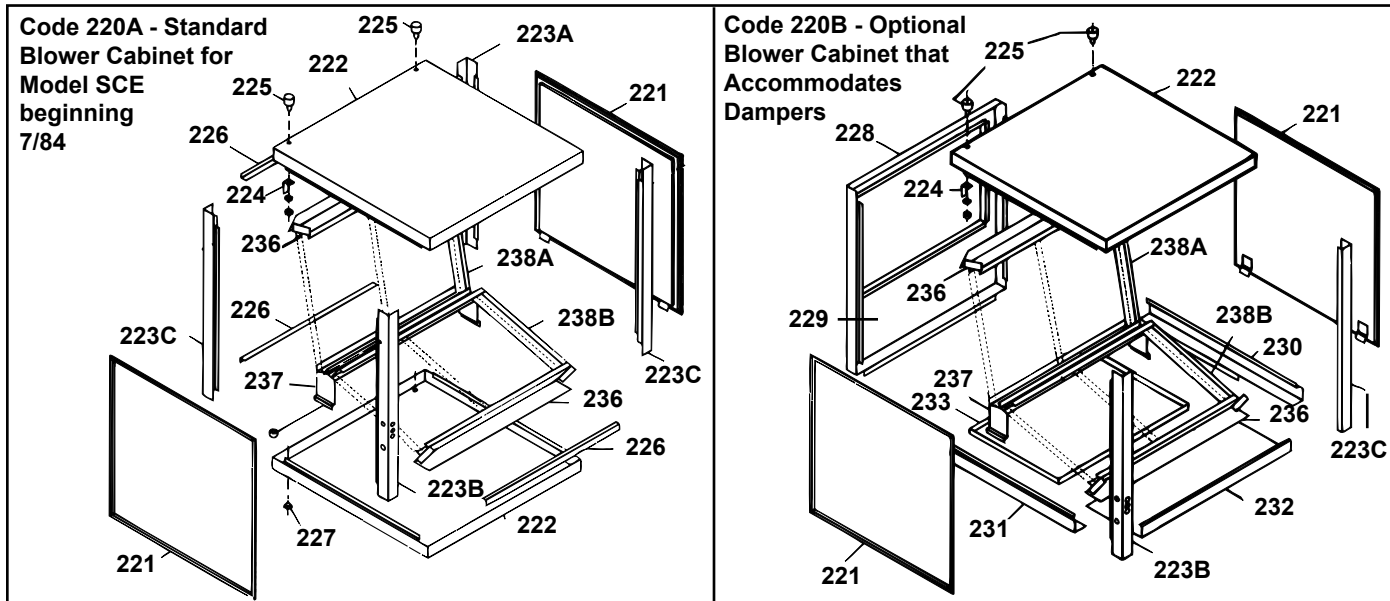
SCE Rear View Showing Standard Inlet Air Opening, Code 220A (does not accommodate dampers)



For blower motor, see pages 13-16.

For drive components, see pages 16-20.

Blower Cabinet Parts - Model SCE (Note: Filter rack & filters are optional and are *not* part of Code 220A or 220B)



Code	Blower Cabinet Parts			Size					
	Description			125	150/175	200/225	250/300	350	400
220A	Standard Cabinet	Shipped knocked down; assembly is required.		12545	12546	12547	12548	12549	12550
220B	Optional Cabinet			84215	84216	84217	84218	84219	84220
Components:		Applies to:	Qty						
221	Door without insulation	Std Cabinet	2	51041		51042			
	Door with insulation	Opt Cabinet	2	84221		84222			
222	Top & Bottom without insulation	Std Cabinet	2	11522	11529	11197	11564	11574	11583
	Top with insulation	Opt Cabinet	1	11825	11842	11767	11856	11862	11777
223A	Corner Support	Std Cabinet	1	11518		11211			
223B		Std & Opt	1	11519	11519	19982	19982	19982	19982
223C		(2)Std; (1)Opt		11517	11517	11210	11210	11210	11210
224	Hanger Support	Std & Opt	2	10219					
225	Hanger Assembly	Std & Opt	2	9557					
226	Duct Connecting Angle	Opt Cabinet	2	11523	11530	11536	11567	11576	11584
227	Hole Plug 1/2"	Std & Opt	2	82413					
228	End Panel only (less insulation)	Opt Cabinet	1	12075	12411	11540	12414	12029	11589
229	End Panel Insulation	Opt Cabinet	1	11158	11165	11167	11176	11180	11184
230	Bottom Left Side	Opt Cabinet	1	11203					
231	Bottom Right Side	Opt Cabinet	1	11204					
232	Rear Bottom Section	Opt Cabinet	1	11526	11533	11392	11571	11580	11393
233	Inlet Cap	Opt Cabinet	1	12513	12514	11538	12515	12516	11587
234	Bottom Insulation	Opt Cabinet	1	11155	11162	11167	11176	11180	11184
235	Filter Racks (less filters; assembly required)	Filter rack is optional. It fits either Std or Opt cabinet.	1	24501	24503	24505	24507	24509	24511
236	Filter Support		2	19704	19710	19717	19723	19729	19736
237	Intermediate Filter Support Assembly		1	19708	19715	19721	19727	19734	19742
238A	Filter Stop		1	■	■	■	■	19733	19740
238B		1	■	■	■	■	■	19741	
239	Filters - See chart below .(only 2" replacement filters are available; 1" filters in sizes listed should be obtained locally)								
240	Inlet Screen, no dampers (same as Opt AZ3)			109134	109135	109136	109137	109138	109139
	Inlet Screen, with dampers (same as Opt AZ4)			109146	109147	109148	109149	109150	109151
	Screens for horizontal & bottom openings w/dampers (same as Opt AZ5)			109152	109153	109154	109155	109156	109157

Code 239 - Optional Filters	Size					
	125	150/175	200/225	250/300	350	400
Permanent 16x20x2	■	■	(2)101620	■	■	■
Permanent 16x25x2	■	■	(2)101622	■	■	(3)101622
Permanent 20x20x2	(2)101621	■	■	(2)101621	(1)101621	■
Permanent 20x25x2	■	(2)101623	■	(2)101623	(3)101623	(2)101623
Pleated 16x20x2	■	■	(2)104110	■	■	■
Pleated 16x25x2	■	■	(2)104112	■	■	(3)104112
Pleated 20x20x2	(2)104111	■	■	(2)104111	(1)104111	■
Pleated 20x25x2	■	(2)104113	■	(2)104113	(3)104113	(2)104113

Blower Cabinet and Components - Model SCE (cont'd)

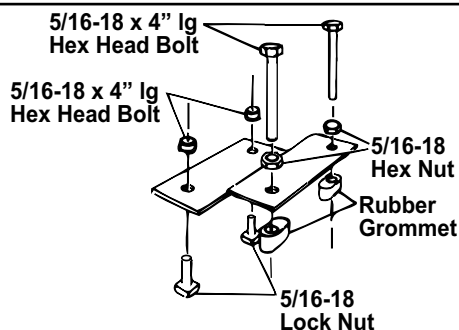
Code 251 - Motor Support for less than 1 HP motor



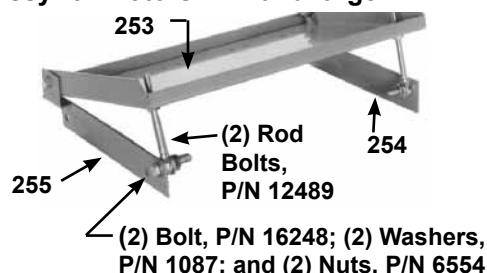
Code 256 - Replacement Rubber Feet and Hardware



Code 252 - Motor Adjustment Bracket Assembly for less than 1HP motor



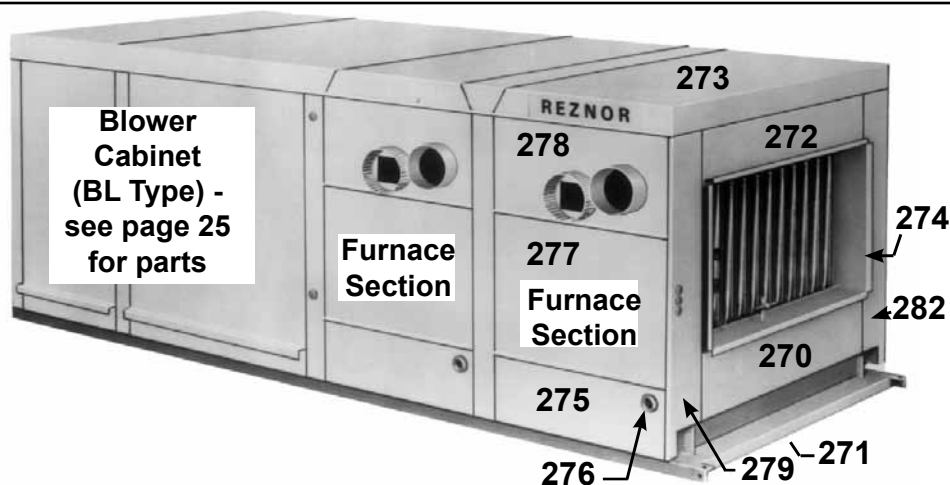
Codes 253, 254, and 255 - Motor Mounting Plate Assy for motors 1HP and larger



Code	Description		Application	Size					
				125	150/175	200/225	250/300	350	400
250	Blower Back Assembly			193985	194053	194092	193987	194063	194062
251	Blower Mtr Mounting Bracket	w/less than 1HP mtr	44409	102533			44409	102533	
252	Motor Adjustment Bracket Assembly			44411					
253	Blower Motor Mounting Plate	w/1HP & larger mtr	194117	12579			194117	12579	
254	Blower Motor Mounting Plate Left Support			12576					
255	Blower Motor Mounting Plate Right Support			12577					
256	Rubber Feet and Mounting Hardware			64940					
257	Blower, Complete with Shaft and Bearings		1357, Lau A10-10A	36429, Lau A12-12AC-EXT-P		--		--	--
	Blower, Right Side less shaft and bearings		--	--	--	36430, Lau RH 2A10-10A		36432, Lau RH 2A12-12A	
	Blower, Left Side less shaft and bearings		--	--	--	36431, Lau LH 2A10-10A		36433, Lau LH 2A12-12A	
258	Blower Shaft		11302, 18x3/4	11303, 19x1		10120, 39-1/4x1		10121, 44-5/8x1	
259	Key 3/16" sq x 1-3/3" lg		19361	■	■	■	■	■	■
260	Blower Bearings		(2)7310, Ball SCF-3/4	(2)10437, Ball SCR16-1					

Model SSCBL (parts apply to each furnace section)

Model SSCBL Arrangement			
Model Size	Furnace Sections Qty	SC Size	Blower Cabinet
400	1	400	BL Type
500	2	250	BL Type
600	2	300	BL Type
700	2	350	BL Type
1050	3	350	BL Type
1200	3	400	BL Type



Tawny Beige Touch-Up PAINT
10 oz Spray Can, P/N 37919

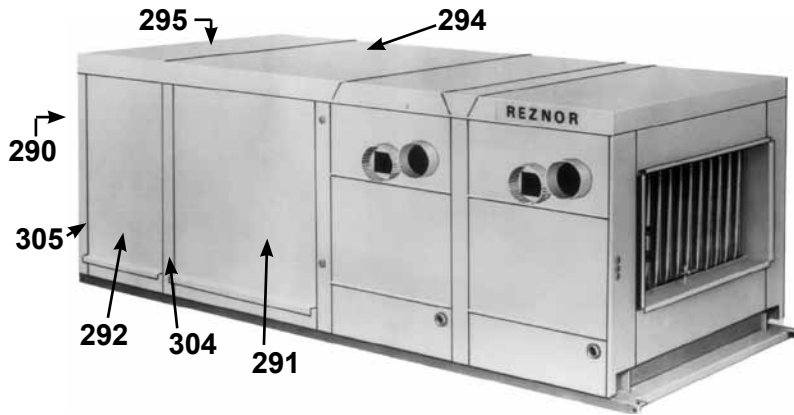
Furnace Section Exterior Cabinet Parts - Model SSCBL only (parts apply to each furnace section)

Code	Description	400	500	600	700	800	1050	1200
270	Bottom Front & Rear Panel (2)	100042	100040		100041	100042	100041	100042
271	Furnace Bottom Pan	Aluminized	100005	100003	100003	100004	100005	100005
		Stainless Steel	104930	104928	104928	104929	104930	104930
272	Top Front & Rear Panel (2)	100035	100033	100033	100034	100035	100034	100035
273	Casing Top Assembly	100293	100291	100291	100292	100293	100292	100293
274	Furnace Right Side Panel Assembly	103649						
275	Furnace Bottom Left Side Panel	100125	100125	100125	100125	100125	100125	100125
276	Vinyl Grommet	15021, 3/4"	102607, 1/2"	15021, 3/4"				
277	Furnace Center Left Side Panel	113593	113593	113593	113593	113593	113593	113593
278	Furnace Top Left Side Panel Assembly	113646	113646	113646	113646	113646	113646	113646
279	Left Rear Furnace Leg (not illustrated)	100013	100013	100013	100013	100013	100013	100013
280	Left Front Furnace Leg	100011	100011	100011	100011	100011	100011	100011
281	Right Rear Furnace Leg (not illustrated)	100012	100012	100012	100012	100012	100012	100012
282	Right Front Furnace Leg	100010	100010	100010	100010	100010	100010	100010
283	Top Seal Brace (not illustrated)	100168	100166		100167	100168	100167	100168

Connector and Filler Parts (not illustrated) for Connecting Heat Exchangers in Model SSCBL Systems with Two or Three Furnaces

SSCBL Size	400	500/600	700	800	1050	1200
Top Filler Assembly	--	(1) 115693	(1) 115694	(1) 115692	(2) 115694	(2) 115692
Side Filler	--	--	--	(2) 105632	--	--
Top & Btm Duct Connector	--	(2) 106338	(2) 106339	(2) 106340	(2) 106339	(2) 106340
Side Duct Connector	--	--	--	(2) 106395	--	--

Model SSCBL Blower Cabinet and Blower Parts



Cross-Reference of End and Bottom Panel Options to Cabinet Openings

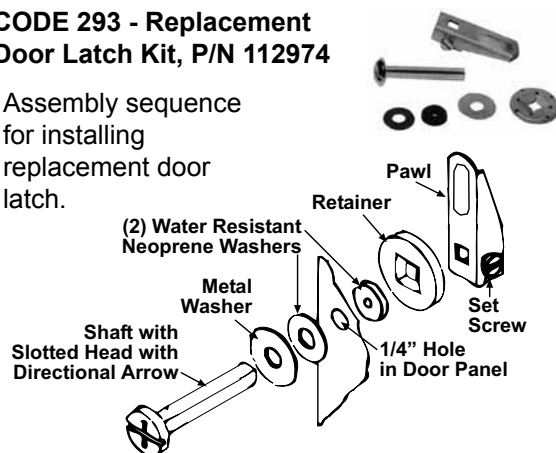
Cabinet Option	End Panel		Btm Panel	
	Solid	100% Open	Solid	100% Open
Std		X	X	
AR-4	X			X
AR-8	X		X	
AR-9	X		X	
AR-11		X		X
AR-12		X		X
AR-13		X		X
AR-14		X		X
AR-15		X		X
AR-16		X		X
AR-17		X		X
AR-18		X		X
AR-24		X		X

Code	Description	500/600	700/1050	400/800/ 1200
289	Cabinet Btm - Rt Half - solid (no opening)	106242	106243	106244
	Cabinet Btm - Lft Half - solid (no opening)	106238	106239	106240
	Cabinet Btm - Rt Half - return air opening	105606	105607	106608
290	Cabinet Btm - Lft Half - return air opening	104365	104366	104367
	End Panel Assembly - solid (no opening)	103620	103621	103622
	End Panel Assembly - solid (no opening) with double-wall construction (Opt AY3)	105550	105551	103555
	End Panel Assembly - 100% opening	103641	103642	103643
	End Panel Assembly - 100% opening with double-wall construction (Opt AY3)	105544	105545	105546
291	Blower Door - standard	(2)100347		
	Blower Door - with double-wall construction (Opt AY3)	(2)104115		
292	Filter Cabinet Door Assembly	(2)106276		
	Filter Cabinet Door Assembly - with double-wall construction (Opt AY3)	(2)107350		
293	Replacement Door Latch	112974		
294	Blower Cabinet Front Top Section Assy	106280	106281	106282
295	Blower Cabinet Rear Top Section Assy	106286	106287	106288
296	Blower Cabinet Top Insulation Retainer	107350	107351	107352
297	Filter Cabinet Top Insulation Retainer	107354	107355	107356
298	BL Cabinet Leg #1, Left	105603		
299	BL Cabinet Leg #2, Right	105604		
300	Corner Post	(2)114761		
301	Cabinet Leg Cap Left	100069		
302	Cabinet Leg Cap Right	100071		
303	Cabinet Intermediate Post	(2)114762		
304	Cabinet Intermediate Post Cap	(2)104372		
305	Corner Post Cap	(2)100072		
306	Cabinet Top Front Panel	105610	105611	105612
307	Cabinet Bottom Front Panel	105614	105615	105616
308	Cabinet Vertical Blower Support Left	106299		
309	Cabinet Vertical Blower Support Right	106943		
310	Cabinet Horizontal Blower Support	(2)31576		
311	Cabinet and Panel Support	100078	100079	100080
312	Cabinet Top Support	105600	105601	105602
313	Bottom Filter Rack Assy - 1 & 2" filters	114711	114712	114713
314	Rear Filter Rack Assy - 1 & 2" filters	(2) 114707	(2) 114708	(2) 114709
315	Front Filter Rack Assy - 1 & 2" filters	(2) 114695	(2) 114696	(2) 114697
316	Top Filter Rack Assy - 1 & 2" filters	114719	114720	114721
317	Top Door Seal	(2)95487		
318	Blower Cabinet Adapter Back Assembly	163833	163834	148429
319	Motor Mounting Plate Assembly	106295		
320	Motor Mounting Bolts	See illustration, page 26.		

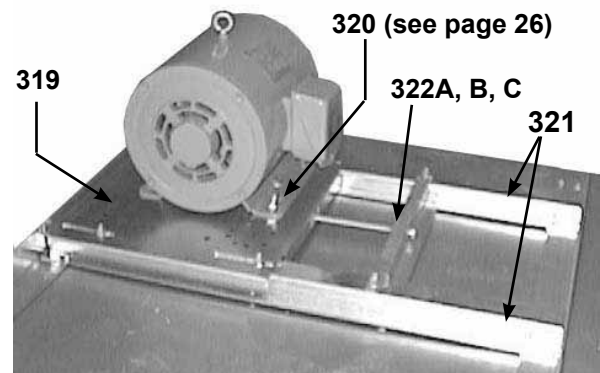
Code	Description	500/600	700/1050	400/800/ 1200
321	Motor Mounting Support Assembly (support rails for motor mounting plate, Code 319)	< 15HP motor <15HP w/ (Opt PC12) vibration isolation 15 & 20 HP (2)106698		
		149008 (qty changes to one because assembly includes both rails)		
322A	Motor Adjustment Angle (w/ Code 322B & 322C allows motor to be moved for drive adjustment)	< 15HP motor <15HP w/ (Opt PC12) vibration isolation 15 & 20 HP 105633		
		149010		
		149010		
322B	Motor Adjustment Bolt 3/8 - 16 x 7" lg	106275 (used with 322A & C)		
322C	Adjustment Bolt Hex Nut 3/8 - 16	1438 (used with 322A & B)		
323	Blower (Housing and Wheel) Lau 15 x 9, 1-3/16	(2) 106296	--	--
324	Blower (Housing and Wheel) Lau 15 x 11, 1-3/16	--	(2)14469	
325	Blower Shaft 1-3/16 x 37" long	106297	--	--
	Blower Shaft 1-3/16 x 42-1/2" long	--	106298	--
	Blower Shaft 1-3/16 x 48" long	--	--	13589
326	Blower Bearing, 1-3/16", less than 5HP	(2) 14474, Fafair #E8317		
327	Vertical Blower Support - Right	106943		
328	Vertical Blower Support - Left	106299		
329	Bearing Bracket, 1-3/16	(2) 24233, Lau #014431-02		
330	Heavy Duty Blower Right Lau 15 x 9 (15-20HP motors)	106935	--	--
331	Heavy Duty Blower Left Lau 15 x 9 (15-20HP motors)	106936	--	--
332	Heavy Duty Blower Right Lau 15 x 11 (15-20HP motors)	--	106937	
333	Heavy Duty Blower Left Lau 15 x 11 (15-20HP motors)	--	106938	106938
334	Blower Shaft Key (used w/heavy duty blowers)	(4) 134638		
335	Blower Shaft Heavy Duty Blower 1-7/16 x 42" long	106939	--	--
	Blower Shaft Heavy Duty Blower 1-7/16 x 47-1/2" long	--	106940	--
	Blower Shaft Heavy Duty Blower 1-7/16 x 53" long	--	--	106941
336	Pillow Block Bearing, 1-7/16 Bore, Dodge P2BS2107R	(2) 170108 (replaces P/N 106942)		
337	Class II Blower Support - Right Side	149520		
338	Class II Blower Support - Left Side	149521		
339	Air Flow Switch Pitot Sense Probe (part of Option BW1)	111733		

CODE 293 - Replacement Door Latch Kit, P/N 112974

Assembly sequence for installing replacement door latch.

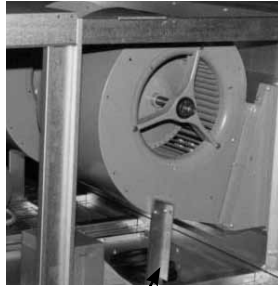


Parts for Motor Support, Mounting, and Adjusting

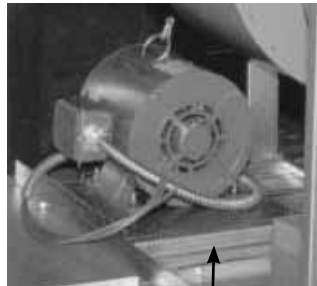


Model SSCBL Blower Cabinet and Blower Parts (cont'd)

Blower, Bearing Support, and Motor on unit with up to a 5 HP Motor

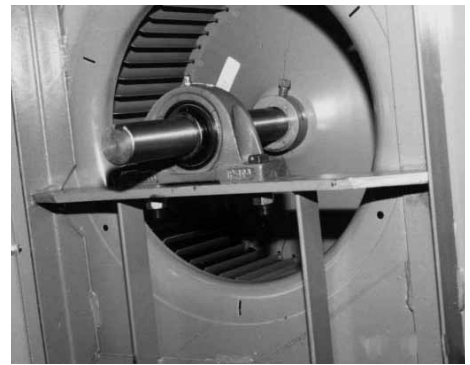


308

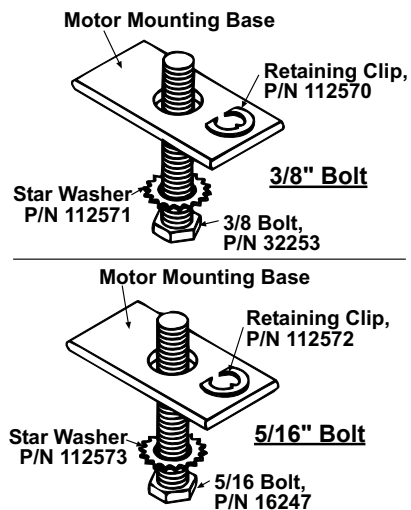


319

Blower and Bearing on a unit with a 15 and 20 HP Motor (See CODES 330-338)



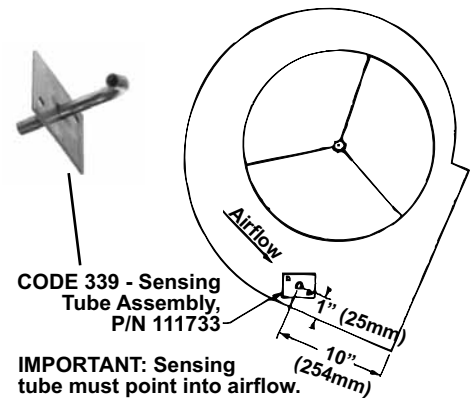
Code 320 - Motor Mounting Bolts



Blower Triangular Bearing Mounting for SSCBL with a 7-1/2 or 10 HP Motor

Description	P/N
Left Bearing Support Assy	112971
Right Bearing Support Assy	112972
Pillowblock Bearing Sealmaster 1/16"	(2) 112973
90° Grease Fitting	195834
1/2-13 x 2" Cap Screw GR-8	(4) 111304
1/2-13 Nut GR-8	(4) 111305
1/2 Lockwasher	(4) 111306
1/4-20 Cap Screws	(6) 16246
1/4-20 Lock Nut	(6) 10650

Location of Optional Air Flow Switch Sensor, CODE 339



Replacement Filters/Blockoff Plates - Models SSCBL and SSCDBL

Filter P/N's - top of page 27

Filter Arrangements for 1" or 2" Disposable Filters (Options AW2 and AW7)

Blockoff Plates	Filter Arrangements	Blockoff Plates	Filter Arrangements	Blockoff Plates	Filter Arrangements																						
	<table border="1"> <tr><td>A</td><td>16 x 16</td></tr> <tr><td>B</td><td>16 x 25</td></tr> <tr><td>C</td><td>12 x 25</td></tr> <tr><td>D</td><td>12 x 30</td></tr> </table> Blockoff Plates: (1) P/N 106334; (4) P/N 114337	A	16 x 16	B	16 x 25	C	12 x 25	D	12 x 30		<table border="1"> <tr><td>A</td><td>16 x 16</td></tr> <tr><td>B</td><td>16 x 25</td></tr> <tr><td>C</td><td>12 x 20</td></tr> <tr><td>D</td><td>12 x 25</td></tr> </table> Blockoff Plates: (1) P/N 106332; (4) P/N 114336	A	16 x 16	B	16 x 25	C	12 x 20	D	12 x 25		<table border="1"> <tr><td>A</td><td>16 x 25</td></tr> <tr><td>B</td><td>12 x 20</td></tr> <tr><td>C</td><td>12 x 30</td></tr> </table> Blockoff Plates: (1) P/N 106332; (4) P/N 114336	A	16 x 25	B	12 x 20	C	12 x 30
A	16 x 16																										
B	16 x 25																										
C	12 x 25																										
D	12 x 30																										
A	16 x 16																										
B	16 x 25																										
C	12 x 20																										
D	12 x 25																										
A	16 x 25																										
B	12 x 20																										
C	12 x 30																										

Filter Arrangements for 1" or 2" Disposable Pleated Filters (Options AW10 and AW11)

Blockoff Plates	Filter Arrangements	Blockoff Plates	Filter Arrangements	Blockoff Plates	Filter Arrangements																						
	<table border="1"> <tr><td>A</td><td>16 x 16</td></tr> <tr><td>B</td><td>16 x 25</td></tr> <tr><td>C</td><td>12 x 25</td></tr> <tr><td>D</td><td>12 x 32</td></tr> </table> Blockoff Plates: (1) P/N 106334; (4) P/N 114335	A	16 x 16	B	16 x 25	C	12 x 25	D	12 x 32		<table border="1"> <tr><td>A</td><td>16 x 20</td></tr> <tr><td>B</td><td>16 x 25</td></tr> <tr><td>C</td><td>12 x 20</td></tr> <tr><td>D</td><td>12 x 25</td></tr> </table> Blockoff Plates: (1) P/N 106332; (4) P/N 114337	A	16 x 20	B	16 x 25	C	12 x 20	D	12 x 25		<table border="1"> <tr><td>A</td><td>16 x 25</td></tr> <tr><td>B</td><td>12 x 20</td></tr> <tr><td>C</td><td>12 x 32</td></tr> </table> Blockoff Plate: (1) P/N 106333	A	16 x 25	B	12 x 20	C	12 x 32
A	16 x 16																										
B	16 x 25																										
C	12 x 25																										
D	12 x 32																										
A	16 x 20																										
B	16 x 25																										
C	12 x 20																										
D	12 x 25																										
A	16 x 25																										
B	12 x 20																										
C	12 x 32																										

Filter Arrangements for 1" or 2" Permanent Filters (Options AW8 and AW9)

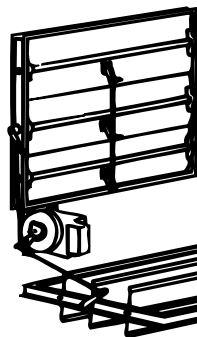
Blockoff Plates	Filter Arrangements	Blockoff Plates	Filter Arrangements	Blockoff Plates	Filter Arrangements																				
	<table border="1"> <tr><td>A</td><td>16 x 16</td></tr> <tr><td>B</td><td>16 x 25</td></tr> <tr><td>C</td><td>12 x 16</td></tr> <tr><td>D</td><td>12 x 26</td></tr> </table> Blockoff Plate: (1) P/N 106334	A	16 x 16	B	16 x 25	C	12 x 16	D	12 x 26		<table border="1"> <tr><td>A</td><td>16 x 20</td></tr> <tr><td>B</td><td>16 x 25</td></tr> <tr><td>C</td><td>12 x 20</td></tr> <tr><td>D</td><td>12 x 26</td></tr> </table> Blockoff Plate: (1) P/N 106334	A	16 x 20	B	16 x 25	C	12 x 20	D	12 x 26		<table border="1"> <tr><td>A</td><td>16 x 25</td></tr> <tr><td>B</td><td>12 x 26</td></tr> </table> Blockoff Plate: (1) P/N 106332	A	16 x 25	B	12 x 26
A	16 x 16																								
B	16 x 25																								
C	12 x 16																								
D	12 x 26																								
A	16 x 20																								
B	16 x 25																								
C	12 x 20																								
D	12 x 26																								
A	16 x 25																								
B	12 x 26																								

NOTE: If replacing 1" filters, replace with locally supplied filters in the size and type listed. Quantities listed by size and arrangements illustrated on page 26 apply to both 1" and 2" filters.

Filter Type	Qty	Size	2" Filter	Qty	Size	2" Filter	Qty	Size	2" Filter
Model	SSCBL 400, 800, 1200			SSCBL 500, 600			SSCBL 700, 1050		
Disposable	2	16 x 16	104101	1	16 x 25	104099	2	16 x 25	104099
	1	16 x 25	104099	1	16 x 20	104097	4	12 x 30	114323
	4	12 x 25	114318	4	12 x 20	114317	4	12 x 20	114317
	4	12 x 30	114323	4	12 x 25	114318			
Permanent	2	16 x 16	104103	1	16 x 20	101620	2	16 x 25	101622
	8	12 x 16	114325	4	12 x 20	114321	8	12 x 26	114322
	1	16 x 25	101622	1	16 x 25	101622			
	4	12 x 26	114322	4	12 x 26	114322			
Pleated	2	16 x 16	104109	1	16 x 20	104110	2	16 x 25	104112
	4	12 x 25	114320	1	16 x 25	104112	4	12 x 32	114324
	1	16 x 25	104112	4	12 x 20	114319	4	12 x 20	114319
	4	12 x 32	114324	4	12 x 25	114320			
Model	SSCDBL 800, 1600			SSCDBL 1000, 1200			SSCDBL 1400		
Disposable	4	16 x 16	104101	2	16 x 25	104099	4	16 x 25	104099
	2	16 x 25	104099	2	16 x 20	104097	8	12 x 30	114323
	8	12 x 25	114318	8	12 x 20	114317	8	12 x 20	114317
	8	12 x 30	114323	8	12 x 25	114318			
Permanent	4	16 x 16	104103	2	16 x 20	101620	4	16 x 25	101622
	16	12 x 16	114325	8	12 x 20	114321	16	12 x 26	114322
	2	16 x 25	101622	2	16 x 25	101622			
	8	12 x 26	114322	8	12 x 26	114322			
Pleated	2	16 x 16	104109	2	16 x 20	104110	4	16 x 25	104112
	8	12 x 25	114320	2	16 x 25	104112	8	12 x 32	114324
	2	16 x 25	104112	8	12 x 20	114319	8	12 x 20	114319
	8	12 x 32	114324	8	12 x 25	114320			

Dampers and Controls -

Applies to Models SCE and SSCBL



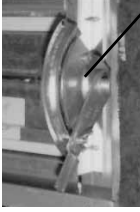
350 - Outside Air Dampers

350 - Return Air Dampers

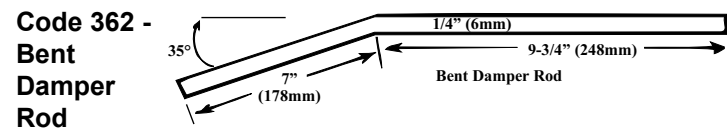
Code 350 - Damper and Frame Assembly for 100% Outside Air or Return Air Dampers (includes one frame with damper blades only)

Model Sizes		P/N
	100, 125	105421
	150, 175	105422
	200, 225	105423
500, 600	250, 300	105424
700, 1050	350	105425
400, 800, 1200	400	105426

Code	Description (illustrations on page 28)	P/N	Components by Option AR__ for "BL" Blower Cabinets (refer to wiring diagram for applicable motorized AR Option)													
			6	7	8	9*	11*	12*	13*	14*	15	16*	17	18	23*	25
351	Hand Quadrant #14004728-001	103502	X					X								
352	Manual Damper Control Bracket (replaces P/N 103488)	143182	X					X								
353	Replacement Kit for other 2-position damper actuators including P/N 66276, 97385, & 209351 labeled J/C M9206-BGB-2)	209423		X	X					X			X			
	2-Position Actuator, M/H MS8105A1130/U (effective 04/2012 on Model SSCBL)	263939		X	X								X			
354A	Auxiliary End Switch only for M/H Damper Motors, #Q607B1067, P/N 113963															
354B	Auxiliary Switch Kit (2 switches), M/H 220736B, P/N 145881															
355	Modulating Damper Motor, #M9175A1051 (no end switch); Motor Support, P/N 100315	115681					X		X	X		X	X		X	X
356	Optional Modulating Damper Motor, #M9185A1026 (Requires auxiliary switch kit, P/N 145881, Code 354B.)	202091					X		X	X		X	X		X	X
357	Floating Modulating Damper Motor, #M6194B1011; Motor Support, P/N 100315	115683													X	
358	Damper Rod, 1/4 x 12 inches long	11561							X		X	X		X	X	
359	Damper Rod, 1/4 x 13 inches long	112554		X	X			X		X				X		X
360	Damper Rod, 1/4 x 18 inches long	11560		X	X					X				X		
361	Damper Rod, 1/4 x 17 inches long	112556				X		X	X		X	X		X	X	X
362	Damper Rod, Bent (drawing, page 28)	105420					X									
363	Damper Rod Arm	66278		X												
364	Damper Arm, M/H #20265	12635		X	X(2)	X	X(2)	X(2)	X(2)	X(3)	X(2)	X(2)	X(3)	X(2)	X(2)	X(2)
365	Ball and Socket, M/H #27518	12636		X(2)	X(2)	X(2)	X(4)	X(4)	X(4)	X(4)	X(4)	X(4)	X(4)	X(4)	X(4)	X(4)
366	Crank Arm M/H #221455A	116209				X		X	X		X	X		X	X	X
367	Damper Arm Support Plate	14225					X									
368	Damper Arm Adjustment Plate	115687						X	X	X	X	X	X	X		
369	Damper Arm Adjustment Plate	142982													X	
370	Air Controller Support Bracket	103758				X		X	X	X		X		X		
371	Potentiometer, M/H #112894FA	16110				X			X		X			X		
372	Mixed Air Controller, M/H #T991A-1004	16109						X	X			X				
373	Outdoor Air Controller, J/C #A19AAF-120	126170								X	X	X				
374	Null Switch (pressure), Dwyer #1640	88052													X	
375	DDC (4-20ma) interface module for use with modulating damper motor, Honeywell Q7230A, P/N 171134															

 Code 351 - Hand Quadrant, P/N 103502 Code 352 - Manual Damper Control Bracket, P/N 175428	Code 353 - Damper Motor for 2-Position Damper (open/closed), J/C M-9206-BGB-3, P/N 209351 Code 353A - Kit, P/N 209423, includes motor P/N 209351, a mounting kit, and crankarm to field replace discontinued motors, P/N 66276, P/N 97385, and P/N 209351 labeled Model M-9206-BGB-2.		Code 354 - Auxiliary End Switch, P/N 113963, M/H Q607B1067 
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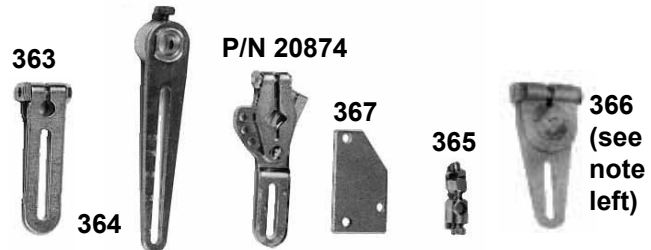
Code 355 - Modulating Damper Motor used in Option AR23, M/H #M6194B1011, P/N 115683 (with pressure null switch) 	Code 356 - Modulating Damper Motor, M/H M91785A1026 less end switches, P/N 115681 (replaces P/N 53928) Code 357 (illustrated) - Modulating Damper Motor, M/H M9175D1014, P/N 115682, replacement requires auxiliary switch kit, P/N 145881, (Code 354) (replaces motor P/N 96767) 
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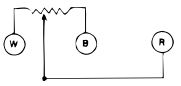
NOTE: Crank Arm Code 366 is used with motors P/N 115682, 115683, and 115681 (used in currently manufactured units)

Use Crank Arm P/N 20874 (illustrated), M/H #7616BR, with motors P/N 53928, 87059, and 96767

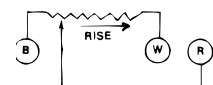
Damper Linkage Parts



Code 371 - Potentiometer, M/H 112894FA, P/N 16110

Code 372 - Mixed Air Controller, M/H T991-1004, P/N 16109

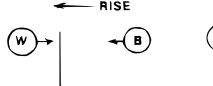



Grommet Clamp, P/N 39224

Code 374 - Pressure Null Switch, Dwyer #1640-0, Range .01" to .2" w.c., P/N 88052



Code 373 - Outside Air Controller, J/C A19AAF-120, P/N 126170 (replaces P/N 16108)

Code 375 - DDC (4-20 ma) interface module for modulating damper motor, P/N 171134, M/H Q7230A

