

REPLACEMENT PARTS FOR SEPARATED-COMBUSTION INDOOR AIR HANDLERS

MODELS SCE AND SSCBL



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IMPORTANT

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

WE RESERVE THE RIGHT TO SUBSTITUTE FUNCTIONAL REPLACEMENTS.

SERIAL NUMBERS

Decode serial number as follows:

Serial No. Sample: BOF 3060 000000
Elements Key No.: 1 | 2 | 3

Key:

- 1 = Date of manufacture (refer to Table 1)**
- 2 = Plant of manufacture (3060 = Mercer; 3062 = Monterrey)**
- 3 = Consecutive number**

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

GAS COMPONENTS

These indoor air handler units are comprised of an indoor duct furnace (or multiple furnaces) with a blower cabinet (refer to Table 2). For gas system components, refer to the replacement parts manual found at www.reznorhvac.com for indoor gas-fired separated-combustion duct furnace model SC.

Table 2. Air Handler Configurations			
Model	Unit Size (MBTUh)	No. of Furnace Sections	No. of Blower Cabinets
SCE	125, 150, 175, 200, 225, 250, 300, 350, 400	1	1
SSCBL	400		
	500, 600, 700, 800	2	
	1050, 1200	3	

ELECTRICAL COMPONENTS

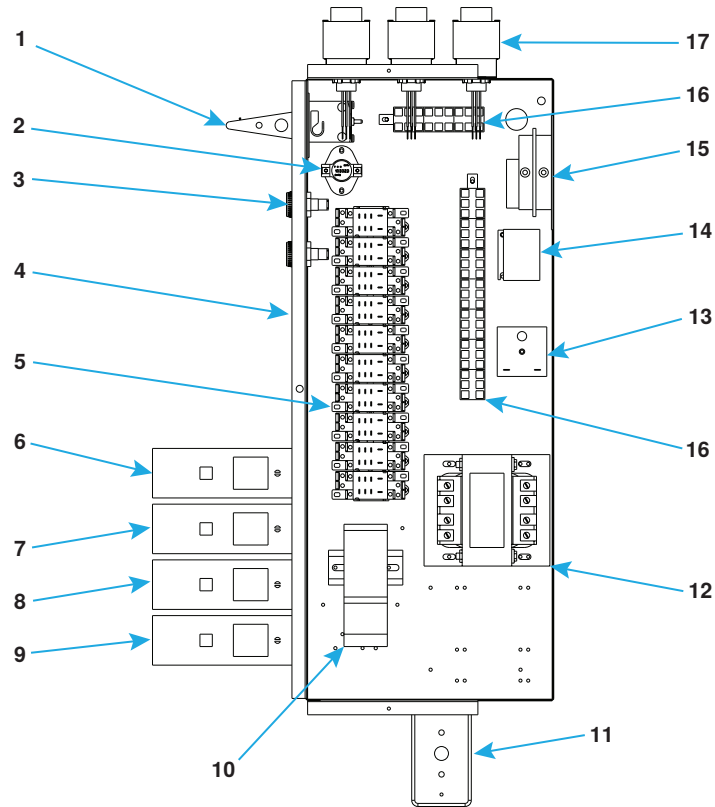


Figure 1. Typical Blower Cabinet Electrical Panel (Refer to [Table 3](#))

Table 3. Blower Cabinet Electrical Components			
Item No.	Component	Description	PN
1	Firestat	Return air	42782
1A	Gasket	Firestat, for use without firestat cover	121041
1B	Shield	Firestat, discharge firestat only	120021
2	Limit	Auto reset reverse flow	103323
2A	Bracket	Reverse flow limit	18795
3	Fuse	8A	201773
		3A	201780
	Fuseholder		201803
4	Box	Electrical	60241
5	Relay	Fan/blower control, time delay, SPST	100092
		RBM, SPDT, options BG3 and BG5	209164
		24V, option AG8, AG9, or AG21 (relay socket (PN 211415) available)	18549
		Time delay, SPDT, 24V, options AG39 and AG40	211411
6	Potentiometer	Refer to Damper Components (Options AR8, AR15, AR17, AR18, AR23, AR25) section	174810
7	Controller	Mixed air	16110
8		Temperature	16109
9		Outside or return air	197204
9A	Clamp	Bulb	126170
9B		Grommet	100260
9C		Cable	131993
10	Starter	Refer to BLOWER MOTOR DRIVE COMPONENTS section	132065
	Contactor	Blower motor	
		Blower motor, 24V coil, replaces PN 93661 and PN 119625, model SSCBL	119625
		Blower motor, 24V coil, replaces PN 93661 and 119625, model SCE	216386
			122376

ELECTRICAL COMPONENTS—CONTINUED

Table 3. Blower Cabinet Electrical Components—Continued			
Item No.	Component	Description	PN
11	Outlet	Convenience, option BC2	96912
12	Transformer		38634
13	Relay	Time delay	89661
14		Blower	110656
15	Pressure switch	Air proving	112107
16	Terminal block		144972
16A	Adapter	Terminal block	144973
17	Control/damper transformer	115/24/20VA	103054
		115/24/40VA	103055
		208/230/24/40VA	103497
		460/24/40VA	103498
		575/115/300VA, used on 115V furnace	257031
		230/460/575-24-200VA	39095
		208/24/200VA	39094
18	Limit control	125°F	50417
		145°F	50418
		170°F	57953
		—	148588
18A	Shield	Limit control	9704
19	Unit-mounted ductstat, option AG3	Two-stage, 50–120°F, 10-foot capillary, units manufactured after FEB 2022, replaces PN 41700—note that terminal designations are different	211481
19A	Holder	Bulb	100260
19B	Strap	Cable	16227
20	Remote temperature selector, options AG15 and AG17	WiFi-capable relay module	2000488
		Expansion module	2000489
20	Sensor holder and junction box assembly		
20A	Sensor	Ductstat	115851
20B	Holder	Ductstat	115850
21	Discharge sensor	Option AG8 or AG9	48041
		Option AG39 or AG41	133228
21A	Gasket	Discharge sensor	104138
22	Amplifier	Maxitrol 21HR option AG9 or 20AH option AG7, replace with kit PN 262320	48035
		Maxitrol 30AH option AG7 or 31HR option AG9, replace with kit PN 262320	48036
		Part of replacement kit PN 262320 (Maxitrol #A1010U)	260863
		Maxitrol 21H option AG8, replace with kit PN 262321	48037
		Maxitrol 31H option AG8, replace with kit PN 262321	48038
		Part of replacement kit PN 262321	260864
		Option AG39, AG40, AG41, or AG42	174848
23	Remote temperature selector	Option AG9	48042
		Option AG39, AG40, AG41, or AG42	174849
24	Pressure switch	Dirty filter, field-adjustable, 0.17–5.00 (±0.05) IN WC range	105507
25	Transformer		19807
		0.25kVA	11279
			113556
		0.50kVA	19808
			11100
		0.75kVA	11217

Table 3. Blower Cabinet Electrical Components—Continued			
Item No.	Component	Description	PN
26	Relay	Freezestat	211411
		Replacement kit, for units manufactured <i>before</i> SEP 2011	263527
27	Freezestat	Automatic reset, 25–225°F, option BE2, replaces PN 16108 (J/C #AI9AAF-2C)	126170
27A	Bracket	Element	100260
27B	Clamp	Grommet, freezestat	131993
27C		Cable, freezestat	132065
28	Switch	Blower air flow, normally-open/non-adjustable, setpoint 0.175 IN WC, option BW1 (Tridelta #FP6605)	112107
29		Summer/winter, 6A, unit sizes 125–200, options BF4 and CH1 for SCE models	98148
		Summer/winter, 10A, unit sizes 225–400, options BF4 and CH1 for SCE models	8338

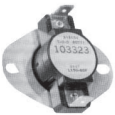
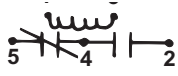
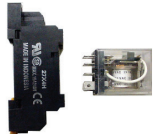
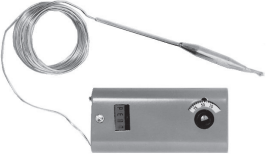
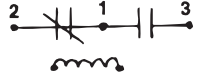
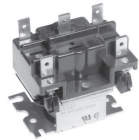
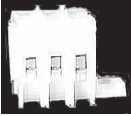
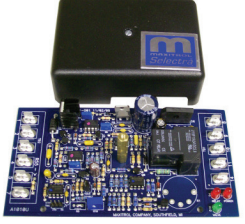
Items 2 and 2A: Reverse Flow Limit and Bracket 		Item 5: Relay     PN 209164 PN 18549 PN 211411	
Item 8: Temperature Control 		Item 13: Time Delay Relay 	Item 14: Blower Relay  
Item 16: Terminal Block  Item 16A: Terminal Block Adapter 		Item 17: Control/Damper Transformer 	Item 18: Limit Control  Item 18A: Limit Control Shield 
Item 22: Amplifier    PN 260863 PN 260864 PN 174848			
Item 23: Remote Temperature Selector   PN 48042 PN 174849		Item 24: Dirty Filter Pressure Switch 	Item 25: Transformer 

Figure 2. Individual Electrical Components (Refer to [Table 3](#))

BLOWER MOTOR ASSEMBLIES

NOTE: Motors that don't list a contactor in [Table 4](#) or [Table 5](#) require a starter. If a contactor is listed, the starter is optional.

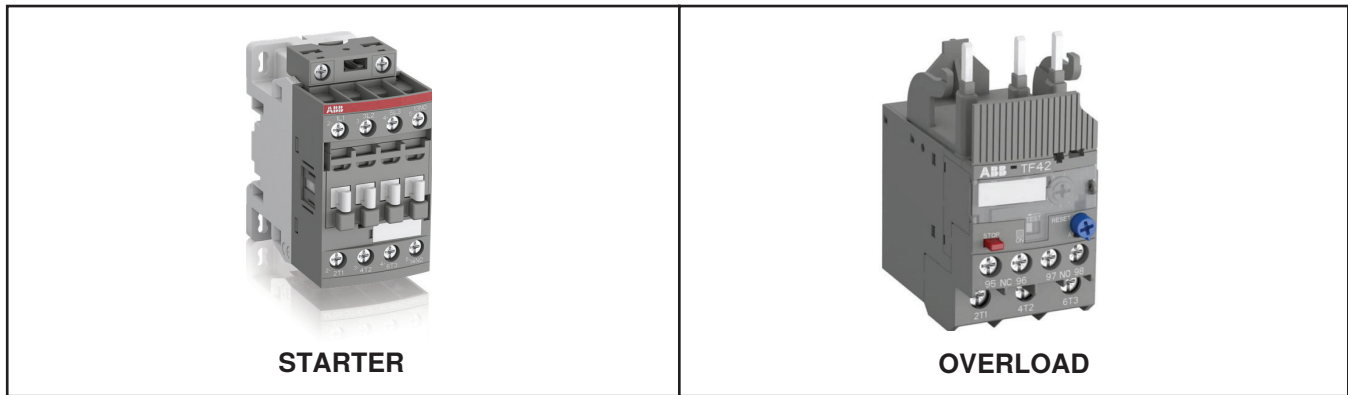


Figure 3. Blower Motor Starter and Overload

Table 4. Open-Type Belt-Drive Blower Motor Assembly Components										
Option (HP)	Phase	Voltage	Voltage Option	Motor		Starter	Starter Overload		Contactor	
				FLA	PN	PN	Amp Range	PN	PN	
AL2 (1/4)	1	115	AK1	5.20	210611	271836	4.20–5.70	1036933	216386	
		208	AK2	2.60			2.30–3.10	1036931		
		240	AK3							
	3	208	AK5	1.30	115864	271836	1.30–1.70	1036929	—	
		240	AK6	1.00			1.00–1.30	1036928		
		480	AK7	0.60			0.55–0.74	1036926		
AL3 (1/3)	1	115	AK1	6.40	202091	271836	5.70–7.60	1036934	216386	
		208	AK2	3.20			3.10–4.20	1036932		
		240	AK3							
	3	208	AK5	1.70	115863	271836	1.70–2.30	1036930	—	
		240	AK6	1.40			1.30–1.70	1036929		
		480	AK7	0.70			0.55–0.74	1036926		
AL4 (1/2)	1	120	AK1	8.20	102627	271836	7.60–10.00	1036935	216386	
		208	AK2	4.10			3.10–4.20	1036932		
		240	AK3							
	3	208	AK5	1.80	159183	271836	1.70–2.30	1036930		—
		240	AK6	1.70			0.74–1.00	1036927		
		480	AK7	0.90			0.55–0.74	1036926		
		575	AK8	0.70	202089					
AL5 (3/4)	1	120	AK1	10.40	93548	271999	10.00–13.00	1036936	216386	
		208	AK2	5.20		271836	4.20–5.70	1036933		
		240	AK3							
	3	208	AK5	2.90	36951	271836	2.30–3.10	1036931		—
		240	AK6	2.60			1.30–1.70	1036929		
		480	AK7	1.30			1.00–1.30	1036928		
		575	AK8	1.00	202090					
AL6 (1)	1	120	AK1	13.20	13685	272000	10.00–13.00	1036936	216386	
		208	AK2	6.20		271836	5.70–7.60	1036934		
		240	AK3							6.30
	3	208	AK5	3.20	36580	271836	3.10–4.20	1036932		—
		240	AK6	3.00			2.30–3.10	1036931		
		480	AK7	1.50			1.30–1.70	1036929		
		575	AK8	1.40	158175					

Table 4. Open-Type Belt-Drive Blower Motor Assembly Components—Continued

Option (HP)	Phase	Voltage	Voltage Option	Motor		Starter PN	Starter Overload		Contactor PN	
				FLA	PN		Amp Range	PN		
AL7 (1-1/2)	1	120	AK1	16.40	194202	272000	13.00–16.00	1036937	216386	
		208	AK2	8.40		271836	7.60–10.00	1036935		
		240	AK3	8.20			5.70–7.60	1036934		
	3	208	AK5	4.40	115859	271836	4.20–5.70	1036933		—
		240	AK6				1.70–2.30	1036930		
		480	AK7	2.20						
		575	AK8	2.00	158162					
AL8 (2)	1	208	AK2	11.00	202581	272000	10.00–13.00	1036936	—	
		240	AK3							
	3	208	AK5	6.00	159327	271836	5.70–7.60	1036934		
		240	AK6							
		480	AK7	3.00	159327		2.30–3.10	1036931		
		575	AK8	2.40	158176					
AL9 (3)	1	208	AK2	13.50	111560	272000	13.00–16.00	1036937	—	
		230	AK3	12.50			10.00–13.00	1036936		
	3	208	AK5	9.00	159185	271999	7.60–10.00	1036935	216386	
		240	AK6	8.60						
		480	AK7	4.30	159185	271836	4.20–5.70	1036933		—
		575	AK8	3.60	120019	271836	3.10–4.20	1036932		
AL10 (5)	1	208	AK2	24.0	111562	272001	20.00–24.00	1036939	—	
		240	AK3	23.0						
	3	208	AK5	13.40	113371	272000	13.00–16.00	1036937		
		240	AK6	13.20						
		480	AK7	6.60	113371	271836	5.70–7.60	1036934		
		575	AK8	5.40	120020		4.20–5.70	1036933		
AL11 (7-1/2)	1	208	AK2	35.40	105828	272416	30.00–40.00	1036943	—	
		230	AK3	32.00						
	3	208	AK5	21.10	105855	272001	20.00–24.00	1036939		
		240	AK6	19.10			16.00–20.00	1036938		
		480	AK7	9.50		271999	7.60–10.00	1036935		
		575	AK8	7.50		158164	271836	5.70–7.60		1036934
AL12 (10)	1	208	AK2	42.00	105830	272417	36.00–47.00	1036944	—	
		230	AK3	39.00						
	3	208	AK5	26.30	105858	272002	24.00–29.00	1036940		
		240	AK6	23.80		272001	20.00–24.00	1036939		
		480	AK7	11.90	105858	271999	10.00–13.00	1036936		
		575	AK8	10.10						158163
AL15 (15)	3	208	AK5	38.00	142288	272416	30.00–40.00	1036943	—	
		240	AK6	36.00			35.00–38.00	1036942		
		480	AK7	18.00	142288	272001	16.00–20.00	1036938		
		575	AK8	16.00	142289					
AL16 (20)	3	208	AK5	53.70	142296	272418	50.00–60.00	1036946	—	
		240	AK6	48.60		272417	44.00–53.00	1036945		
		480	AK7	24.30	142296	272001	24.00–29.00	1036940		
		575	AK8	19.10	142297		16.00–20.00	1036938		

BLOWER MOTOR ASSEMBLIES—CONTINUED

Table 5. TEFC-Type Belt-Drive Blower Motor Assembly Components

Table 5. TEFC-Type Belt-Drive Blower Motor Assembly Components									
HP	Phase	Voltage	Voltage Option	Motor		Starter	Starter Overload		Contactor
				FLA	PN	PN	Amp Range	PN	PN
AL21 (1/2)	1	120	AK1	7.20	159184	271836	5.70–7.60	1036934	216386
		208	AK2	3.50			3.10–4.20	1036932	
		240	AK3	3.60					
	3	208	AK5	2.10	16077	271836	1.70–2.30	1036930	
		240	AK6	1.80			0.74–1.00	1036927	
		480	AK7	0.90			0.55–0.74	1036926	
		575	AK8	0.70	105568				—
AL22 (3/4)	1	120	AK1	11.00	115860	271999	10.00–13.00	1036936	216386
		208	AK2	5.40		271836	4.20–5.70	1036933	
		240	AK3	5.50					
	3	208	AK5	2.40	20371	271836	2.30–3.10	1036931	
		240	AK6	2.30			1.00–1.30	1036928	
		480	AK7	1.20			0.74–1.00	1036927	
		575	AK8	0.80			105569		
AL23 (1)	1	120	AK1	12.00	174993	272000	10.00–13.00	1036936	216386
		208	AK2	6.20	174993	271836	5.70–7.60	1036934	
		240	AK3	6.00					
	3	208	AK5	3.30	271444	271836	3.10–4.20	1036932	
		240	AK6	2.90			2.30–3.10	1036931	
		480	AK7	1.50			1.30–1.70	1036929	
		575	AK8	1.30			105570		
AL24 (1-1/2)	1	208	AK2	7.80	94347	271836	7.60–10.00	1036935	216386
		240	AK3	7.50			5.70–7.60	1036934	
	3	208	AK5	4.50	271445	271836	4.20–5.70	1036933	
		240	AK6	4.10			1.70–2.30	1036930	
		480	AK7	2.00					
		575	AK8	1.70			105665		
AL25 (2)	1	240	AK3	8.00	205881	271836	7.60–10.00	1036935	216386
	3	208	AK5	6.00	158165		5.70–7.60	1036934	—
		240	AK6	5.70			2.30–3.10	1036931	
		480	AK7	2.80					
		575	AK8	2.30			158166		
AL26 (3)	1	240	AK3	15.0	111564	272000	13.00–16.00	1036937	—
	3	208	AK5	7.90	159330	271836	7.60–10.00	1036935	
		240	AK6	7.20			5.70–7.60	1036934	
		480	AK7	3.60			3.10–4.20	1036932	
		575	AK8	2.80			158168	2.30–3.10	
AL27 (5)	1	240	AK3	20.20	111567	272001	20.00–24.00	1036939	—
	3	208	AK5	13.40	155048	272000	13.00–16.00	1036937	
		240	AK6	12.20			10.00–13.00	1036936	
		480	AK7	6.10			5.70–7.60	1036934	
		575	AK8	5.00		158170	271836	4.20–5.70	
AL32 (7-1/2)	1	240	AK3	34.00	105842	272416	29.00–35.00	1036941	—
	3	208	AK5	19.50	158171	272001	16.00–20.00	1036938	
		240	AK6	17.70					
		480	AK7	8.90					
		575	AK8	7.60		158172	271836	7.60–10.00	

BLOWER MOTOR DRIVE COMPONENTS

NOTES:

- Drive components include the belt, motor pulley, blower pulley, and bushings if required.
- Components may have changed. If shaft size is different than what is listed or if there are no parts listed, check the replacement parts tag and/or contact the distributor or factory service for replacement parts.
- Be sure to check belt tension. Proper belt tension is important to the long life of the belt and motor. A loose belt will cause wear and slippage. Too much tension will cause excessive motor and blower bearing wear. If adjustment is required, adjust belt tension using the adjusting screw on the motor base until the belt can be depressed 1/2 to 3/4 inch. Tighten the locknut on the adjusting screw. Ensure that the belt is aligned in the pulleys.
- The shaft centerline listed in the following tables is the distance between the blower shaft and the motor centerline with belts tensioned properly.
- The quantity for each belt listed in the following tables is one (1) unless otherwise indicated.

Table 6. Range (RPM) by Drive Option	
Drive Option	Range (RPM)
AM2	451–500
AM3	501–550
AM4	551–600
AM5	601–650
AM6	651–700
AM7	701–750
AM8	751–800
AM9	801–850
AM10	851–900
AM11	901–950
AM12	951–1000
AM13	1001–1050
AM14	1051–1100
AM15	1101–1150
AM16	1151–1200
AM17	1201–1250
AM18	1251–1300
AM19	1301–1350
AM20	1351–1400
AM21	1401–1450
AM22	1451–1500
AM23	1501–1550

BLOWER MOTOR DRIVE COMPONENTS—CONTINUED

Table 7. Model SCE Drive Components for Open-Type Motors

Table 7. Model SCE Drive Components for Open-Type Motors										
Unit Size	Voltage Option	Motor Option (HP)	Drive (AM) Option	Motor Pulley		Blower Pulley		Belt	Shaft Centerline (Inches)	
				Bore Size (Inches)	PN	Bore Size (Inches)	PN	PN		
125	AK1, AK2, AK3, AK5, AK6, AK7	AL2 (1/4)	1, 2, 3, 4	1/2	4074	3/4	19110	105493	11.82	
			5, 6, 7, 8, 9		13491		111607	16018	12.06	
		AL3 (1/3)	2, 3, 4	1/2	4074	3/4	19110	105493	11.56	
			5, 6, 7		13491		111607	16018	11.82	
			9, 10, 11, 12, 13, 14		4074		105477	101291	11.56	
		AK5, AK6, AK7, AK8	AL4 (1/2)	5, 6, 7, 8	5/8	13580	3/4	19108	105490	12.57
	9, 10, 11			105476		105484*		105493	12.32	
	12, 13, 14, 15, 16, 17, 18			13580		105478		101291	12.46	
	AL5 (3/4)		7, 8, 9, 10	5/8	7962	3/4	19108	16018	12.70	
			11, 12, 13, 14, 15		13580		105477	105488	12.56	
			16, 17, 18, 19, 20, 21, 22		7962		105478		12.58	
	AL6 (1)		9, 10, 11, 12, 13, 14, 15	5/8	13580	3/4	105477	105488	12.56	
			16, 17, 18, 19, 20, 21, 22		7962		105478		12.50	
	AL7 (1-1/2)		11,12, 13	5/8	105476	3/4	19108	16018	12.40	
			14, 15, 16, 17		7962		105479	105489	12.43	
			18, 19, 20, 21, 22		105478		105488	12.58		
	AK5, AK6, AK7, AK8		AL8 (2)	13, 14,15,16,17	5/8	7962	3/4	105479	105489	12.43
				18, 19, 20, 21, 22				105478	105488	12.58
			AL9 (3)	13, 14, 15, 16, 17	5/8	13013	3/4	111606	92221	12.46
		18, 19, 20, 21, 22, 23, 24		111607				105493	12.27	
	150, 175, 200, 225	AK1, AK2, AK3, AK5, AK6, AK7, AK8	AL4 (1/2)	2, 3, 4	5/8	13580	1	19111	50470	14.00
5, 6, 7, 8				18797				16019	14.08	
9, 10, 11				105481				105491	14.06	
AL5 (3/4)			5, 6, 7, 8	5/8	13580	1	18797	16019	14.58	
			9, 10, 11, 12, 13, 14, 15				105481	105491	14.56	
AL6 (1)			7, 8	5/8	13580	1	18797	16019	14.08	
			9, 10, 11, 12, 13, 14				105481	105491	14.06	
			15, 16, 17		7962		105481	16018	14.18	
AL7 (1-1/2)			9, 10, 11	5/8	105476	1	19108	101412	13.83	
			12, 13, 14, 15, 16				105484**	16019	14.07	
			17, 18		7962		105482	16018	14.18	
AK5, AK6, AK7, AK8		AL8 (2)	9, 10, 11	5/8	7962	1	18797	50500	17.21	
			12, 13, 14, 15, 16, 17	5/8	105476	1	105482	16019	14.07	
			18, 19, 20	5/8	7962	1	105481	16018	14.18	
		AL9 (3)	13, 14, 15, 16, 17	5/8	13013	1	152022	50474	14.20	
			18, 19, 20, 21				263612	52966	14.00	
		AL10 (5)	16, 17, 18, 19, 20, 21, 22	7/8	87500	1	91633***	16139	14.31	
			20, 21, 22, 23	7/8	8973	1	7955	50477	14.07	
*Uses a 3/4-inch H blower pulley bushing (PN 105487).										
**Uses a 1-inch blower pulley bushing (PN 92203).										

Table 7. Model SCE Drive Components for Open-Type Motors—Continued

Unit Size	Voltage Option	Motor Option (HP)	Drive (AM) Option	Motor Pulley		Blower Pulley		Belt	Shaft Centerline (Inches)
				Bore Size (Inches)	PN	Bore Size (Inches)	PN	PN	
250, 300	AK5, AK6, AK7, AK8	AL4 (1/2)	2, 3, 4	5/8	13580	1	19111	105493	11.82
			5, 6, 7, 8				18797	105490	12.06
		AL5 (3/4)	5, 6, 7	5/8	13580	1	18797	105490	12.06
			8, 9, 10, 11				105482	105489	12.24
		AL6 (1)	7, 8, 9, 10, 11	5/8	13580	1	105482	105489	12.24
			12, 13, 14, 15, 16				105481	101291	12.06
250, 300	AK1, AK2, AK3, AK5, AK6, AK7, AK8	AL7 (1-1/2)	9, 10, 11	5/8	7962	1	18797	105491	12.2
			12, 13, 14, 15, 16		105476		105482	105491	12.06
			17, 18, 19, 20, 21, 22, 23				105481	105489	12.37
	AK5, AK6, AK7, AK8	AL8 (2)	9, 10, 11	5/8	7962	1	18797	105491	12.20
			12, 13, 14, 15, 16		105476		105482	105490	12.06
			17, 18, 19, 20, 21, 22, 23				105481	105489	12.37
		AL9 (3)	9, 10, 11, 12	5/8	7962	1	202652	50475	12.14
			13, 14, 15, 16, 17				202653	52966	12.14
			18, 19, 20, 21, 22				105483	16019	12.02
		AL10 (5)	15, 16, 17, 18, 19	7/8	87500	1	91633***	111738	12.27
			20, 21, 22, 23		8973		7955	50472	12.02
		350, 400	AK1, AK2, AK3, AK5, AK6, AK7	AL5 (3/4)	2, 3, 4	5/8	13580	1	19111
5, 6	7962								14.01
AL6 (1)	3, 4, 5, 6			5/8	13580	1	105484**	50500	13.98
	7, 8, 9, 10, 11						105482	105493	14.25
350, 400	AK1, AK2, AK3, AK5, AK6, AK7	AL7 (1-1/2)	6, 7, 8, 9	5/8	7962	1	105484**	101412	14.12
			10, 11, 12, 13		105476		18797	101412	13.91
			14, 15, 16, 17, 18		7962		105481	16048	14.18
	AK5, AK6, AK7, AK8	AL8 (2)	9, 10, 11	5/8	7962	1	18797	50500	14.21
			12, 13, 14, 15, 16		105476		105482	16019	14.07
			17, 18, 19 20				105481	16018	14.18
		AL9 (3)	9, 10, 11, 12	5/8	7962	1	202652	50513	12.14
			13, 14, 15, 16, 17, 18, 19				202653	50474	12.14
			20, 21, 22, 23, 24, 25, 26				105483	50470	12.02
		AL10 (5)	12, 13, 14, 15, 16, 17	7/8	6599	1	7955	65403	14.11
			18, 19, 20, 21, 22		8973		50472	14.06	
		**Uses a 1-inch blower pulley bushing (PN 92203).							
***Uses a 1-inch Q1 motor pulley bushing (PN 6605).									

BLOWER MOTOR DRIVE COMPONENTS—CONTINUED

Table 8. Model SCE Drive Components for TEFC-Type Motors

Table 8. Model SCE Drive Components for TEFC-Type Motors										
Unit Size	Voltage Option	Motor Option (HP)	Drive (AM) Option	Motor Pulley		Blower Pulley		Belt	Shaft Centerline (Inches)	
				Bore Size (Inches)	PN	Bore Size (Inches)	PN	PN		
125	AK1, AK2, AK3, AK5, AK6, AK7	AL19 (1/4)	1, 2, 3, 4	5/8	13580	3/4	19110	16019	12.32	
			5, 6, 7, 8, 9		7962		111607	105493	12.56	
		AL20 (1/3)	2, 3, 4	1/2	4074	3/4	19110	105493	11.82	
			5, 6, 7, 8		13491		111607	16018	11.56	
			9, 10, 11, 12, 13, 14		4074		105477	101291	11.56	
		AK1, AK2, AK3, AK5, AK6, AK7, AK8	AL21 (1/2)	5, 6, 7, 8	5/8	13580	3/4	19108	105490	12.57
	9, 10, 11			105476		105484*		105493	12.32	
	12, 13, 14, 15, 16, 17, 18			13580		105478		101291	12.46	
	AL22 (3/4)		7, 8, 9, 10	5/8	7962	3/4	19108	16018	12.7	
			11, 12, 13, 14, 15		13580		105477	105488	12.56	
			16, 17, 18, 19, 20, 21, 22		7962		105478		12.58	
	AL23 (1)		9, 10, 11, 12, 13, 14, 15	5/8	13580	3/4	105477	105488	12.56	
			16, 17, 18, 19, 20, 21, 22		7962		105478		12.50	
	AK1, AK2, AK3, AK5, AK6, AK7		AL24 (1-1/2)	11, 12, 13	5/8	105476	3/4	19108	16018	12.40
				14, 15, 16, 17		7962		105479	105489	12.43
		18, 19, 20, 21, 22		105478				105488	12.58	
	AK8	AL24 (1-1/2)	11, 12, 13	7/8	106758	3/4	19108	16018	12.40	
			14, 15, 16, 17		106748		105479	105489	12.43	
			18, 19, 20, 21, 22		105478		105488	12.58		
	AK3, AK5, AK6, AK7, AK8	AL25 (2)	13, 14, 15, 16, 17	7/8	106748	3/4	105479	105489	12.43	
			18, 19, 20, 21, 22				105478	105488	12.58	
	AK5, AK6, AK7, AK8	AL26 (3)	13, 14, 15, 16, 17	7/8	37451	3/4	111606	92221	12.46	
			18, 19, 20, 21, 22, 23, 24				111607	105493	12.27	
150, 175, 200, 225	AK1, AK2, AK3, AK5, AK6, AK7	AL20 (1/3)	2, 3, 4	1/2	4074	1	19111	50470	13.86	
			5, 6, 7				18797	16019	14.08	
	AK1, AK2, AK3, AK5, AK6, AK7, AK8	AL21 (1/2)	2, 3, 4	5/8	13580	1	19111	50470	14.00	
			5, 6, 7, 8				18797	16019	14.08	
			9, 10, 11				105481	105491	14.06	
		AL22 (3/4)	5, 6, 7, 8	5/8	13580	1	18797	16019	14.58	
			9, 10, 11, 12, 13, 14, 15				105481	105488	14.56	
		AL23 (1)	7, 8	5/8	13580	1	18797	16019	14.08	
			9, 10, 11, 12, 13, 14				105481	105491	14.06	
			15, 16, 17				7962	16018	14.18	
	AK1, AK2, AK3, AK5, AK6, AK7	AL24 (1-1/2)	9, 10, 11	5/8	105476	1	105484	101412	13.83	
			12, 13, 14, 15, 16		7962		105482	16019	14.07	
			17, 18		105481		16018	14.18		
	AK8		9, 10, 11	7/8	106758	1	105484*	101412	13.83	
			12, 13, 14, 15, 16		106748		105482	16019	14.07	
			17, 18		105481		16018	14.18		
	AK5, AK6, AK7, AK8	AL25 (2)	9, 10, 11	7/8	106748	1	18797	50500	14.21	
			12, 13, 14, 15, 16, 17		106758		105482	16019	14.07	
			18, 19, 20		106748		105481	16018	14.18	
		AL26 (3)	13, 14, 15, 16, 17	7/8	106748	1	111609	50474	14.20	
			18, 19, 20, 21				19111	52966	14.00	
*Uses a 3/4-inch H blower pulley bushing (PN 105487).										

*Uses a 3/4-inch H blower pulley bushing (PN 105487).

Table 8. Model SCE Drive Components for TEFC-Type Motors—Continued

Unit Size	Voltage Option	Motor Option (HP)	Drive (AM) Option	Motor Pulley		Blower Pulley		Belt	Shaft Centerline (Inches)
				Bore Size (Inches)	PN	Bore Size (Inches)	PN	PN	
250, 300	AK1, AK2, AK3, AK5, AK6, AK7, AK8	AL21 (1/2)	2, 3, 4	5/8	13580	1	19111	105493	11.82
			5, 6, 7, 8				18797	105490	12.06
		AL22 (3/4)	5, 6, 7	5/8	13580	1	18797	105490	12.06
			8, 9, 10, 11				105482	105489	12.24
	AK1, AK2, AK3, AK5, AK6, AK7, AK8	AL23 (1)	7, 8, 9, 10, 11	5/8	13580	1	105482	105489	12.24
			12, 13, 14, 15, 16	5/8	13580	1	105481	101291	12.06
	AK1, AK2, AK3, AK5, AK6, AK7	AL24 (1-1/2)	9, 10, 11	5/8	7962	1	18797	105491	12.2
			12, 13, 14, 15, 16		105476		105482		12.06
			17, 18, 19, 20, 21, 22, 23		105481		105489		12.37
			AK8	9, 10, 11	7/8	106748	1	18797	105491
	12, 13, 14, 15, 16	106758		105482		12.06			
	17, 18, 19, 20, 21, 22, 23	105481		105489		12.37			
	AK5, AK6, AK7, AK8	AL25 (2)	9, 10, 11	7/8	106748	1	18797	105491	12.20
			12, 13, 14, 15, 16		106758		105482	105490	12.06
			17, 18, 19, 20, 21, 22, 23		105481		105489	12.37	
		AL26 (3)	13, 14, 15, 16, 17	7/8	106748	1	111609	50470	12.14
	18, 19, 20, 21, 22		37451		16153		50472	12.02	
350, 400	AK1, AK2, AK3, AK5, AK6, AK7	AL22 (3/4)	2, 3, 4	5/8	13580	1	19111	52966	14.37
			5, 6		7962		19111		14.01
			AK1, AK2, AK3, AK5, AK6, AK7		AL23 (1)		3, 4, 5, 6		5/8
	7, 8, 9, 10, 11	105482		105493		14.25			
350, 400	AK1, AK2, AK3, AK5, AK6, AK7	AL24 (1-1/2)	6, 7, 8, 9	5/8	7962	1	105484**	101412	14.12
			10, 11, 12, 13		105476		18797	101412	13.91
			14, 15, 16, 17, 18		7962		105481	16018	14.18
			AK8	6, 7, 8, 9	7/8	106748	1	105484**	101412
	10, 11, 12, 13	106758		18797		13.91			
	14, 15, 16, 17, 18	106748		105481		16018		14.18	
	AK5, AK6, AK7	AL25 (2)	9, 10, 11	7/8	106748	1	18797	50500	14.21
			12, 13, 14, 15, 16		106758		105482	16019	14.07
			17, 18, 19, 20		106748		105481	16018	14.18
	AK5, AK6, AK7, AK8	AL26 (3)	9, 10, 11, 12, 13	7/8	106758	1	50520	16131	14.22
			14, 15, 16, 17, 18, 19				16153	65403	13.97

*Uses a 3/4-inch *H* blower pulley bushing (PN 105487).

**Uses a 1-inch blower pulley bushing (PN 92203).

BLOWER MOTOR DRIVE COMPONENTS—CONTINUED

Table 9. Model SSCBL Drive Components for Open-Type Motors

Table 9. Model SSCBL Drive Components for Open-Type Motors								
Voltage Option	Motor Option (HP)	Drive (AM) Option	Motor Pulley		Blower Pulley		Belt PN (Quantity)*	Shaft Centerline (Inches)
			Bore Size (Inches)	PN	Bore Size (Inches)	PN		
AK1, AK2, AK3, AK5, AK6, AK7, AK8	AL6 (1)	2, 3, 4	5/8	13580	1-3/16	111862	16134	20.94
		5, 6, 7				105484 ^a		21.03
	AL7 (1-1/2)	3, 4, 5, 6, 7	5/8	13580	1-3/16	106256	16134	21.03
		8, 9, 10, 11						110125
	AL8 (2)	3, 4, 5, 6, 7	7/8	110125	1-3/16	105484 ^a	16132	20.03
		8, 9, 10, 11					16133	20.85
		12, 13, 14, 15, 16					106758	110807 ^a
	AK2, AK3, AK5, AK6, AK7, AK8	AL9 (3)	7, 8, 9	7/8	37451	1-3/16	16160	92264
10, 11, 12, 13			106758		16158		16558	20.96
14, 15, 16, 17, 18			37451		16156		111870	20.92
AK5, AK6, AK7, AK8	AL10 (5)	8, 9, 10, 11	7/8	6599	1-3/16	16161	92408	21.08
		12, 13, 14, 15		87500		88560	21.01	
		16, 17, 18, 19, 20		6599		16003	16137	21.08
	AL11 (7-1/2)	10, 11	1-3/8	16150	1-3/16	16168	92414	20.47
		12, 13				16003	7950	20.31
		14, 15, 16				91633 ^b	92280	20.47
		17, 18, 19, 20		110771		89648 ^a		20.37
		AL12 (10)		10, 11		1-3/8	16150	1-3/16
	12, 13		16003	7950	20.31			
	14,15,16		91633 ^b	92280	20.47			
	17, 18, 19, 20		110771		89648 ^a		20.37	
	AK5, AK6, AK7, AK8		AL15 (15)	15, 16, 17, 18, 19, 20 ^c	1-5/8		89644	
21, 22, 23, 24 ^c		106262 ^e		20.53				
AL16 (20)		17, 18, 19, 20, 21, 22, 23, 24 ^c	1-5/8	89644	1-7/16	106262 ^e	92239 (3)	20.11
AL15 (15)		15, 16, 17 ^f	1-5/8	148593 ^g	1-7/16	113811 ^h	80841 (2)	20.47
		18, 19, 20, 21 ^f		148594 ⁱ		114045 ^d	148605 (2)	20.53
		22, 23, 24 ^f		148593 ^g		148597 ^d	114258 (2)	20.11
AL16 (20)		AM17 ^f	1-5/8	148593 ^g	1-7/16	113811 ^h	80841 (2)	20.47
		18, 19, 20, 21 ^f		148594 ⁱ		114045 ^d	148605 (2)	20.53
		22, 23, 24 ^f		148593 ^g		148597 ^d	114258 (2)	20.11
^a Uses a 1-3/16-inch <i>H</i> blower pulley bushing (PN 106260).								
^b Uses a 1-3/16-inch <i>Q1</i> blower pulley bushing (PN 39460).								
^c Three-groove drive.								
^d Uses a 1-7/16-inch <i>P1</i> blower pulley bushing (PN 106261).								
^e Uses a 1-7/16-inch <i>H</i> blower pulley bushing (PN 89659).								
^f Two-groove drive.								
^g Uses a 1-5/8-inch <i>P2</i> motor pulley bushing (PN 148595).								
^h Uses a 1-7/16-inch <i>B</i> blower pulley bushing (PN 114033).								
ⁱ Uses a 1-5/8-inch <i>Q2</i> motor pulley bushing (PN 148596).								
*Quantity is one (1) unless otherwise indicated.								

^aUses a 1-3/16-inch *H* blower pulley bushing (PN 106260).

^bUses a 1-3/16-inch *Q1* blower pulley bushing (PN 39460).

^cThree-groove drive.

^dUses a 1-7/16-inch *P1* blower pulley bushing (PN 106261).

^eUses a 1-7/16-inch *H* blower pulley bushing (PN 89659).

^fTwo-groove drive.

^gUses a 1-5/8-inch *P2* motor pulley bushing (PN 148595).

^hUses a 1-7/16-inch *B* blower pulley bushing (PN 114033).

ⁱUses a 1-5/8-inch *Q2* motor pulley bushing (PN 148596).

*Quantity is one (1) unless otherwise indicated.

Table 10. Model SSCBL Drive Components for TEFC-Type Motors

Voltage Option	Motor Option (HP)	Drive (AM) Option	Motor Pulley		Blower Pulley		Belt	Shaft Centerline (Inches)
			Bore Size (Inches)	PN	Bore Size (Inches)	PN	PN	
AK1, AK2, AK3, AK5, AK6, AK7, AK8	AL23 (1)	2, 3, 4	5/8	13580	1-3/16	111862	16134	20.94
		5, 6, 7				105484 ^a		21.03
AK1, AK2, AK3, AK5, AK6, AK7	AL24 (1-1/2)	3, 4, 5, 6, 7	5/8	13580	1-3/16	105484 ^a	16134	21.03
		8, 9, 10, 11	5/8	105476	1-3/16	106256		21.11
3, 4, 5, 6, 7		7/8	110125	1-3/16	105484 ^a	21.03		
8, 9, 10, 11			106758		106256	21.11		
AK1, AK3, AK5, AK6, AK7, AK8	AL25 (2)	3, 4, 5, 6, 7	7/8	110125	1-3/16	105484 ^a	16132	20.03
		8, 9, 10, 11		106758		105484 ^a	16133	20.85
		12, 13, 14, 15, 16				110807 ^a	16131	21.07
AK1, AK3, AK5, AK6, AK7	AL26 (3)	7, 8, 9	7/8	37451	1-3/16	16160	92264	20.95
		10, 11, 12, 13		106758		16158	16558	20.96
14, 15, 16, 17, 18		37451		16156		111870	20.92	
7, 8, 9				16160		92264	20.95	
10, 11, 12, 13		106758		16158		16558	20.96	
14, 15, 16, 17, 18		37451		16156		111870	20.92	
AK3, AK5, AK6, AK7, AK8	AL27 (5)	8, 9, 10, 11	1-1/8	7963	1-3/16	16161	16139	21.08
		12, 13, 14, 15		105581		16161	92408	21.01
		16, 17, 18, 19, 20		7963		16003	50477	21.08
AK3, AK5, AK6, AK7, AK8	AL32 (7-1/2)	10, 11	1-3/8	16150	1-3/16	16138	92414	20.47
		12, 13				16003	7950	20.31
		14, 15, 16				91633 ^b	92280	20.47
		17, 18, 19, 20		110771		89648 ^a		20.37

^aUses a 1-7/16-inch *H* blower pulley bushing (PN 89659).

^bUses a 1-3/16-inch *H* blower pulley bushing (PN 106260).

^cThree-groove drive.

^dUses a 1-5/8-inch *P2* motor pulley bushing, PN 148595).

^eUses a 1-7/16-inch *B* blower pulley bushing (PN 114033).

^fUses a 1-5/8-inch *Q2* motor pulley bushing (PN 148596).

^gUses a 1-7/16-inch *P1* blower pulley bushing (PN 106261).

^hTwo-groove drive.

*Quantity is one (1) unless otherwise indicated.

CABINET COMPONENTS

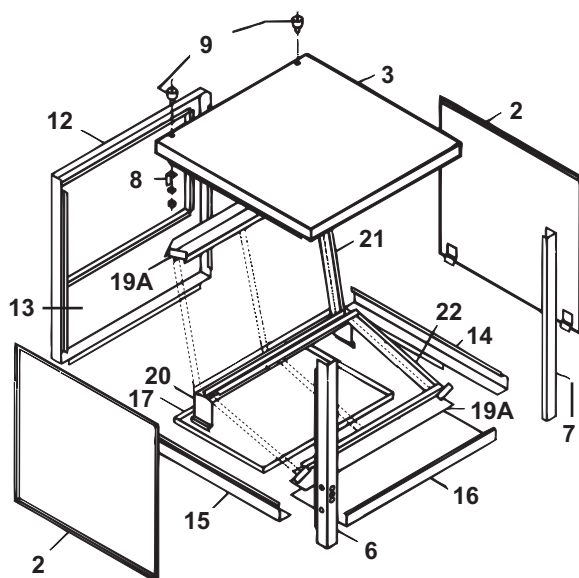


Figure 4. Model SCE Blower Section Cabinet Components (Refer to [Table 16](#))

Table 11. Model SCE Blower Section Cabinet Components								
Item No.	Component	Description	Unit Size (MBTUh)					
			125	150, 175	200, 225	250, 300	350	400
			PN (Quantity)*					
1	Cabinet	Shipped knocked down (assembly required)	12545	12546	12547	12548	12549	12550
			84215	84216	84217	84218	84219	84220
2	Door	Without insulation	51041 (2)		51042 (2)			
		With insulation	84221 (2)		84222 (2)			
3	Panel, top/bottom	Without insulation	11522 (2)	11529 (2)	11197 (2)	11564 (2)	11574 (2)	11583 (2)
4	Panel, top	With insulation	11825	11842	11767	11856	11862	11777
5	Support	Corner	11518		11211			
6			11519		19982			
7			11517 (2)		11210 (2)			
			11517		11210			
8		Hanger	10219 (2)					
9	Hanger	Assembly	9557 (2)					
10	Angle	Duct connecting	11523 (2)	11530 (2)	11536 (2)	11567 (2)	11576 (2)	11584 (2)
11	Plug	1/2-inch	82413 (2)					
12	Panel, end	Without insulation	12075	12411	11540	12414	12029	11589
13	Insulation	End panel	11158	11165	11167	11176	11180	11184
14	Panel, bottom	Left side	11203					
15		Right side	11204					
16	Panel, rear	Bottom section	11526	11533	11392	11571	11580	11393
17	Cap	Inlet	12513	12514	11538	12515	12516	11587
18	Insulation (not shown)	Bottom	11155	11162	11167	11176	11180	11184
19	Filter rack	Without filters	24501	24503	24505	24507	24509	24511
19A	Support	Filter	19704 (2)	19710 (2)	19717 (2)	19723 (2)	19729 (2)	19736 (2)
20	Filter support assembly	Intermediate	19708	19715	19721	19727	19734	19742
21	Stop	Filter	—				19733	19740
22			—					19741
23	Filter, replacement	2-inch	Refer to Table 14					
		1-inch	Field-supplied					
24	Inlet screen (not shown)	Without dampers, option AZ3	109134	109135	109136	109137	109138	109139
		With dampers, option AZ4	109146	109147	109148	109149	109150	109151
	Screen (not shown)	Horizontal or bottom, option AZ5	109152	109153	109154	109155	109156	109157
25	Blower back (not shown)	Assembly	193986	194054	194093	193988	194063	194064
*Quantity is one (1) unless otherwise indicated.								

*Quantity is one (1) unless otherwise indicated.

Table 11. Model SCE Blower Section Cabinet Components—Continued							
Item No.	Component	Description	Unit Size (MBTUh)				
			125	150, 175	200, 225	250, 300	350
			PN (Quantity)*				
26	Mounting bracket	Blower motor, for <1-HP motor	44409	44410	44409	44410	
27	Bracket assembly	Motor adjustment	44411				
28	Mounting plate	Blower motor, for ≥1-HP motor	194117	12579	194117	12579	
29	Support, blower motor	Left	12576				
30	mounting plate	Right	12577				
31	Rubber feet	With mounting hardware	64940				
32	Blower (not shown)	With shaft and bearings	1357	—	—		
			—	36429			
33		Right side, without shaft and bearings	—			36430	—
						—	36432
34		Left side, without shaft and bearings	—			36431	—
						—	36433
35	Blower shaft (not shown)	3/4 × 18 inches	11302	—			
		1 × 19 inches	—	11303	—		
		1 × 37-1/4 inches, option AY2 or AY3	—			1042406	—
		1 × 39-1/4 inches	—			10120	—
		1 × 44-5/8 inches	—				10121
36	Key, square (not shown)	3/16 × 1-3/8 inches long	19361	—			
37	Bearing (not shown)	Blower	7310 (2)	—			
			—	10437 (2)			

*Quantity is one (1) unless otherwise indicated.

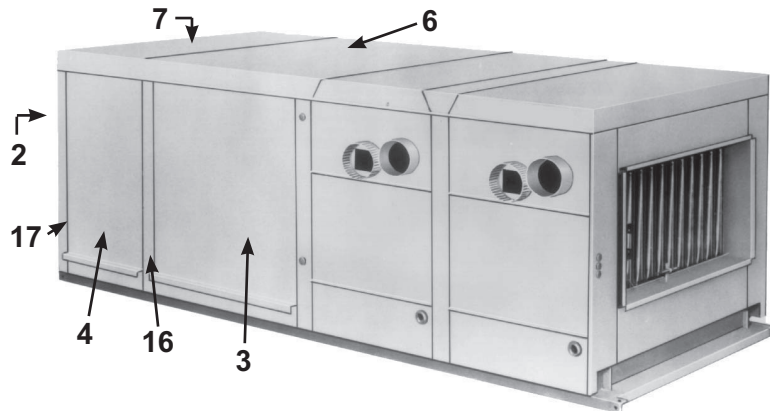
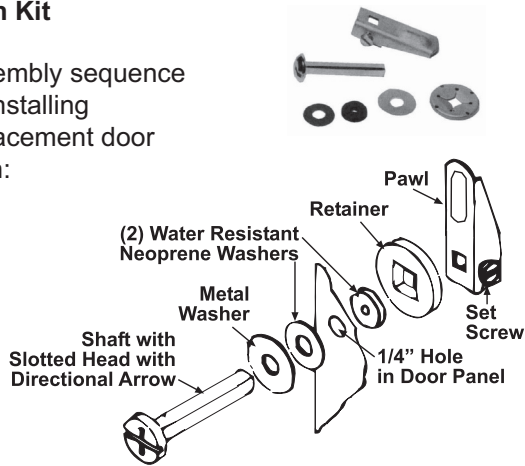


Figure 5. Model SSCBL Blower Section Cabinet Components (Refer to Table 17)

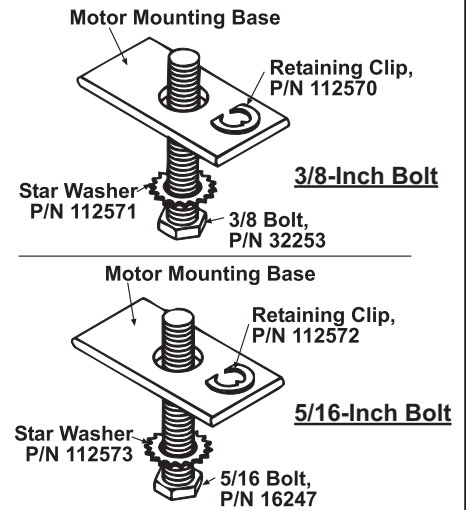
CABINET COMPONENTS—CONTINUED

Item 5: Replacement Door Latch Kit

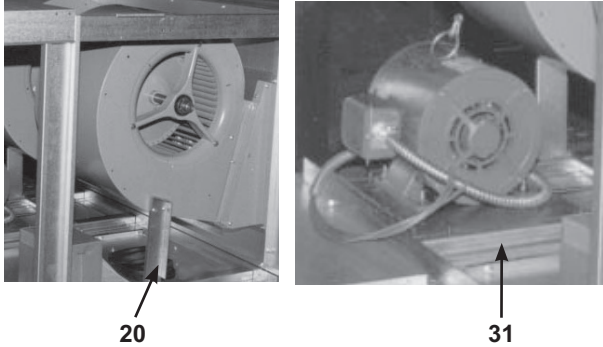
Assembly sequence for installing replacement door latch:



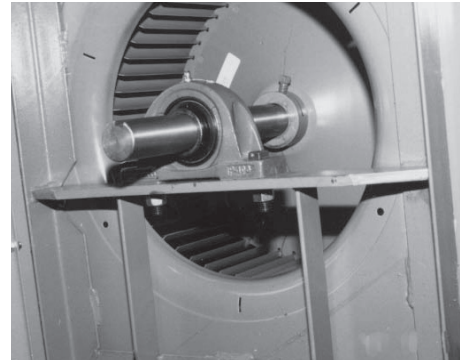
Item 31: Motor-Mounting Plate Assembly



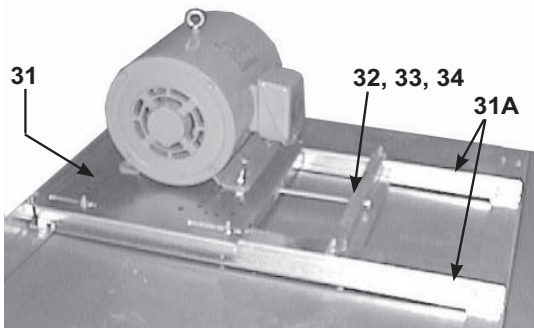
Blower, Bearing Support, and Motor on Model SSCBL Unit with up to a 5-HP Motor



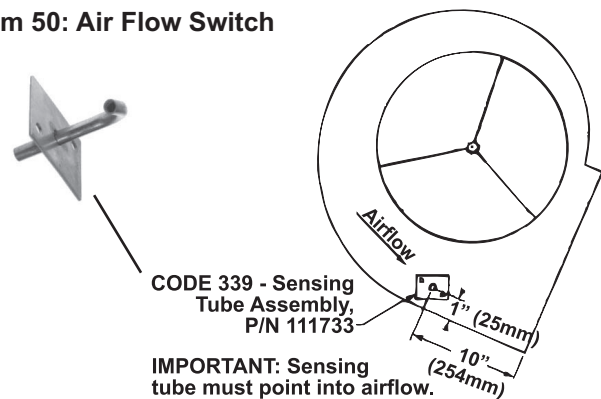
Blower and Bearing on Model SSCBL Unit with a 15- or 20-HP Motor (Items 41–49)



Parts for Motor Support, Mounting, and Adjusting



Item 50: Air Flow Switch



Triangular Blower Bearing Mount for 7-1/2- or 10-HP Motor (Item 51)

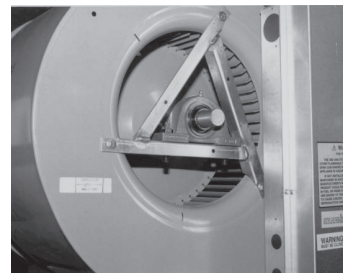


Figure 6. Model SSCBL Individual Blower Section Cabinet Components (Refer to [Table 17](#))

Table 12. Model SSCBL Blower Section Cabinet Components

Item No.	Component	Description	Unit Size (MBTUh)		
			500, 600	700, 1050	400, 800, 1200
			PN (Quantity)*		
1	Bottom panel	Right, no opening	106242	106243	106244
		Right, return air, 100% opening	105606	105607	106608
		Left, solid, no opening	106238	106239	106240
		Left, return air, 100% opening	104365	104366	104367
2	End panel	No opening	103620	103621	103622
		No opening, double-wall (option AY3)	105550	105551	103552 (2)
		100% opening	103641	103642	103643
		100% opening, double-wall (option AY3)	105544	105545	105546
3	Blower door	Standard	100347 (2)		
		Double-wall (option AY3)	104115 (2)		
4	Door assembly	Filter cabinet	106276 (2)		
		Filter cabinet, double-wall (option AY3)	107350 (2)		
5	Door latch	Replacement kit	112974		
6	Top panel	Front section	106280	106281	106282
7		Rear section	106286	106287	106288
8	Retainer	Insulation, top panel	107350	107351	107352
9		Filter cabinet top insulation retainer	107354	107355	107356
10	Cabinet leg	#1, left	105603		
11		#2, right	105604		
12	Corner post		114761 (2)		
13	Cabinet leg cap	Left	100069		
14		Right	100071		
15	Post	Cabinet intermediate	114762 (2)		
16	Cap	Cabinet intermediate post	104372 (2)		
17	Post cap	Corner	100072 (2)		
18	Front panel	Cabinet top	105610	105611	105612
19		Cabinet bottom	105614	105615	105616
20	Blower support	Vertical, left	106299		
21		Vertical, right	106943		
22		Horizontal	31576 (2)		
23	Cabinet support	End panel	100078	100079	100080
24	Support	Cabinet top	105600	105601	105602
25	Filter rack assembly	1-inch filters, bottom	114711	114712	114713
		2-inch filters, bottom	114715	114716	114717
26		1-inch filters, rear	114707 (2)	114708 (2)	114709 (2)
		2-inch filters, rear	114703 (2)	114704 (2)	114705 (2)
27		1-inch filters, front	114695 (2)	114696 (2)	114697 (2)
		2-inch filters, front	114691 (2)	114692 (2)	114693 (2)
28		1-inch filters, top	114719	114720	114721
		2-inch filters, top	114723	114724	114725
29	Door seal	Top	95487 (2)		
30	Blower back assembly	Adapter back	106292	106293	148429
		Right side brace	221081		
		Right top brace	221082		
		Left side brace	221083		
		Left top brace	221084		
		Bolt	10393		
		Nut	7328		

*Quantity is one (1) unless otherwise indicated.

CABINET COMPONENTS—CONTINUED

Table 12. Model SSCBL Blower Section Cabinet Components—Continued					
Item No.	Component	Description	Unit Size (MBTUh)		
			500, 600	700, 1050	400, 800, 1200
			PN (Quantity)*		
31	Mounting plate	Motor, assembly	106295		
31A	Support rail	Motor-mounting, <15-HP motors	106698 (2)		
	Support assembly	Motor-mounting, <15-HP motors with vibration isolation (option PC12) or 15- and 20-HP motors, includes both rails	149008		
32	Angle	Motor-adjustment	105633		
		Motor-adjustment, <15-HP motors with vibration isolation (option PC12) or 15- and 20-HP motors, allows drive adjustment	149010		
33	Bolt	Motor-adjustment, 3/8-16 × 7 inches long	106275		
34	Hex nut	Motor-adjustment, 3/8-16	1438		
35	Blower housing and wheel	15 × 9, 1-3/16	106296 (2)	—	
		15 × 11, 1-3/16	—	14469 (2)	
36	Blower shaft	1-3/16 × 37 inches long	106297	—	
		1-3/16 × 42-1/2 inches long	—	106298	—
		1-3/16 × 48 inches long	—		13589
37	Blower bearing	1-3/16, <5-HP motors	14474 (2)		
38	Vertical blower support	Right	106943		
39		Left	106299		
40	Bearing bracket	1-3/16	24233 (2)		
41	Heavy duty blower	Right, 15 × 9, 15- and 20-HP motors	106935	—	
42		Left, 15 × 9, 15- and 20-HP motors	106936		
43		Right, 15 × 11, 15- and 20-HP motors	—	106937	
44		Left, 15 × 11, 15- and 20-HP motors		106938	106938
45	Key	Blower shaft, for heavy duty blowers	134638 (4)		
46	Blower shaft	Heavy duty blower, 1-7/16 × 42 inches long	106939	—	
		Heavy duty blower, 1-7/16 × 47-1/2 inches long	—	106940	—
		Heavy duty blower, 1-7/16 × 53 inches long	—		106941
47	Bearing	Pillow block, 1-7/16-inch bore, replaces PN 106942	170108 (2)		
48	Class II blower support	Right side	149520		
49		Left side	149521		
50	Air flow switch	Sensing tube (option BW1)	111733		
51	Blower triangular bearing mount assembly				
51A	Bearing support assembly	Left	112971		
51B		Right	112972		
51C	Bearing	Pillow block, 1/16	112973 (2)		
51D	Capscrew	1/2-13 × 2, GR-8	111304 (4)		
51E	Nut	1/2-13, GR-8	111305 (4)		
51F	Lockwasher	1/2	111306 (4)		
51G	Capscrew	1/4-20	16246 (6)		
51H	Locknut	1/4-20	10650 (6)		
52	Blockoff plate (see Figure 8)	AW7	106332		106334
			114336(4)		114337(4)
		AW9	106334	106332	106334
		AW11	106332	106333	106334
			114337(4)		114335 (4)

*Quantity is one (1) unless otherwise indicated.

*Quantity is one (1) unless otherwise indicated.

FILTER ARRANGEMENTS

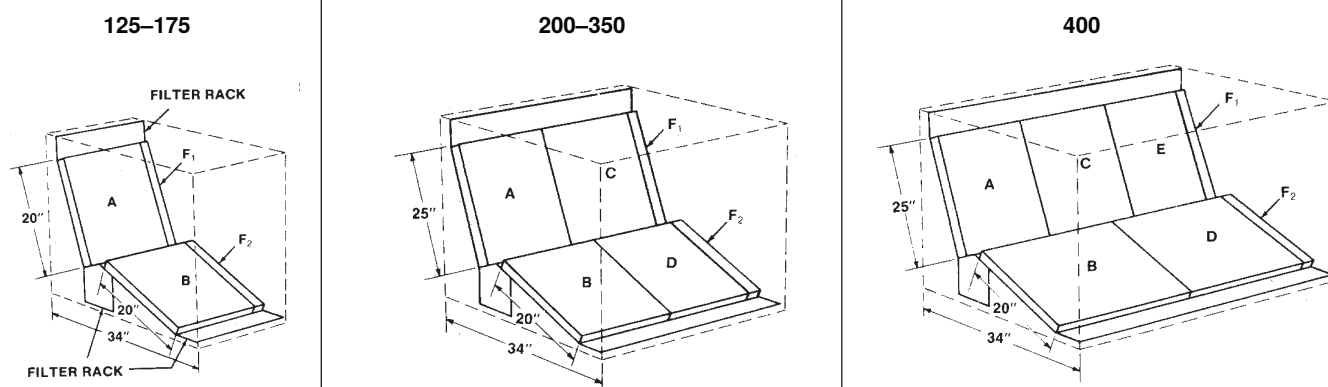


Figure 7. Model SCE Filter Arrangements (Refer to Table 13)

Table 13. Model SCE Filter Arrangements							
Unit Size	Code (See Figure 7)						
	A	B	C	D	E	F1	F2
	Filters					Metal Fillers	
	Size (Inches)*						
125	20 × 20		—			—	
150, 175	20 × 25					13/16	
200, 225	16 × 25	16 × 20	16 × 25	16 × 20	—		
250, 300	20 × 25	20 × 20	20 × 25	20 × 20			
350	20 × 25			20 × 20	—	4-13/16	—
400	16 × 25	20 × 25	16 × 25	20 × 25	16 × 25	2-5/8	1-1/16

Table 14. Model SCE Replacement Filters							
Type	Size (Inches)	Unit Size					
		125	150, 175	200, 225	250, 300	350	400
		PN (Quantity)					
Disposable	16 x 20 x 2	—		104097 (2)	—		—
	16 x 25 x 2			104099 (2)			104099 (3)
	20 x 20 x 2	104098 (2)	—	—	104098 (2)	104098 (1)	—
	20 x 25 x 2	—	104100 (2)		104100 (2)	104100 (3)	104100 (2)
Permanent	16 x 20 x 2	—		101620 (2)	—		—
	16 x 25 x 2			101622 (2)			101622 (3)
	20 x 20 x 2	101621 (2)	—	—	101621 (2)	101621 (1)	—
	20 x 25 x 2	—	101623 (2)		101623 (2)	101623 (3)	101623 (2)
Pleated	16 x 20 x 2	—		104110 (2)	—		—
	16 x 25 x 2			104112 (2)			104112 (3)
	20 x 20 x 2	104111 (2)	—	—	104111 (2)	104111 (1)	—
	20 x 25 x 2	—	104113 (2)		104113 (2)	104113 (3)	104113 (2)

NOTE: Replace 1-inch filters with locally-supplied filters.

FILTER ARRANGEMENTS—CONTINUED

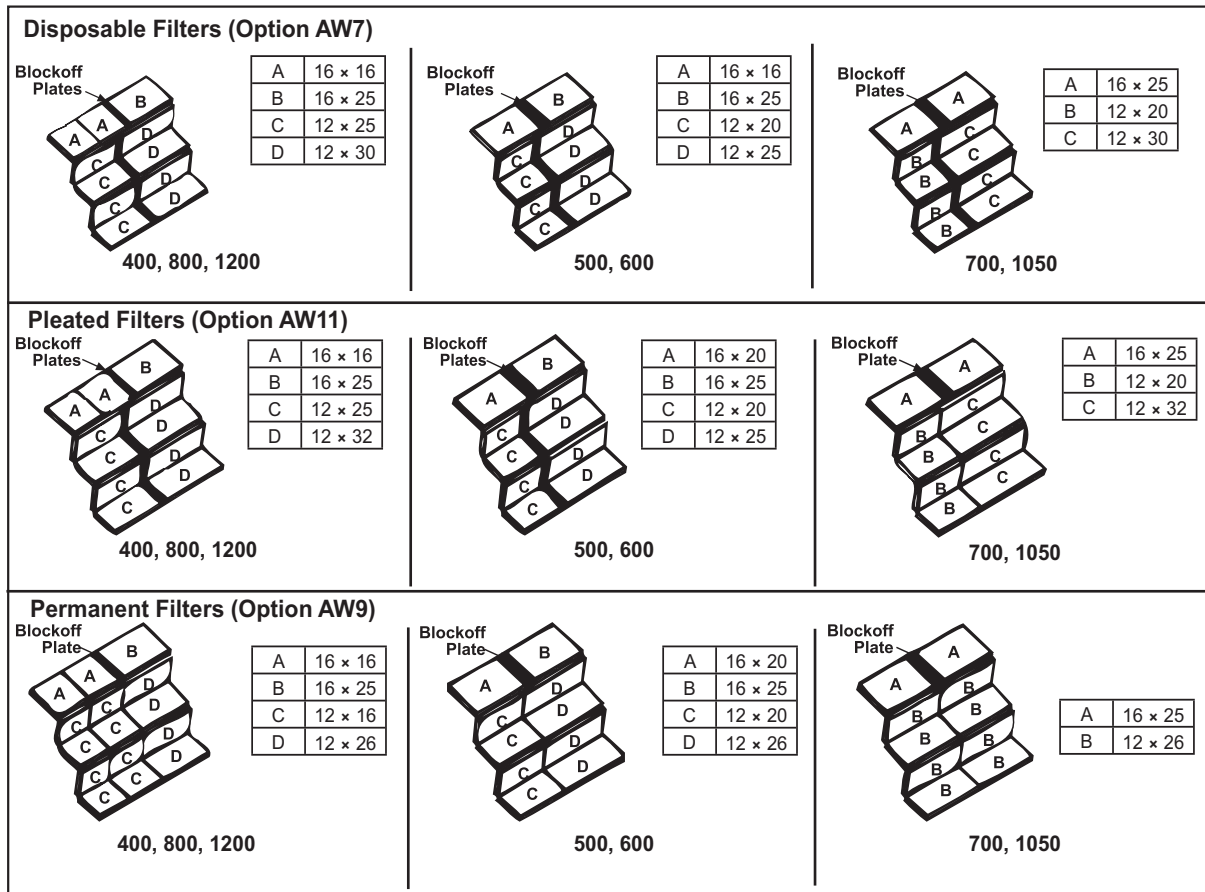


Figure 8. Model SSCBL Filter Arrangements (Refer to Table 15)

Table 15. Model SSCBL Replacement Filters				
Type	Size (Inches)	Unit Size		
		400, 800, 1200	500, 600	700, 1050
		PN (Quantity)		
Disposable	12 × 20 × 2	—	114317 (4)	114317 (4)
	12 × 25 × 2	114318 (4)	114318 (4)	—
	12 × 30 × 2	114323 (4)	—	114323 (4)
	16 × 16 × 2	104101 (2)	—	—
	16 × 20 × 2	—	104097 (1)	—
	16 × 25 × 2	104099 (1)	104099 (1)	104099 (2)
Permanent	12 × 16 × 2	114325 (8)	—	—
	12 × 20 × 2	—	114321 (4)	114322 (8)
	12 × 26 × 2	114322(4)		—
	16 × 16 × 2	104103 (2)	—	—
	16 × 20 × 2	—	101620 (1)	—
	16 × 25 × 2	101622 (1)		101622 (2)
Pleated	12 × 20 × 2	—	114319 (4)	
	12 × 25 × 2	114320 (4)		—
	12 × 32 × 2	114324 (4)	—	114324 (4)
	16 × 16 × 2	104109 (2)	—	—
	16 × 20 × 2	—	104110 (1)	—
	16 × 25 × 2	104112 (1)	104112 (1)	104112 (2)

ACCESSORIES/OPTIONS

Damper Components (Options AR8, AR15, AR17, AR18, AR23, AR25)

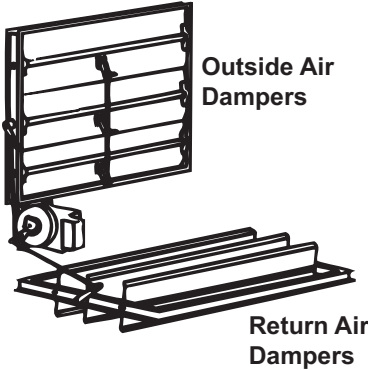
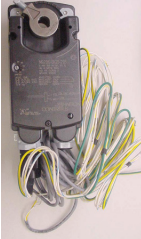
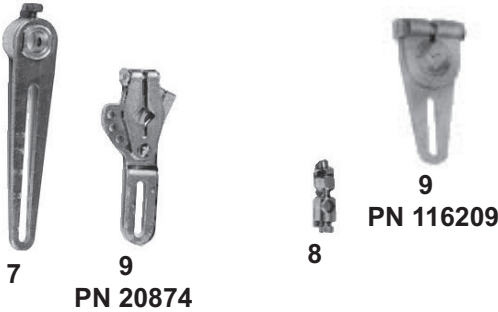
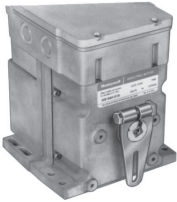
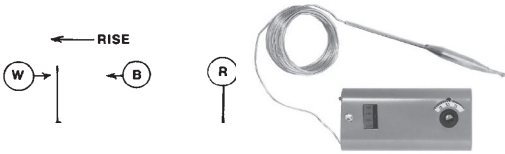
Item 1: Damper and Frame Assembly  Outside Air Dampers Damper Motor and Linkage Return Air Dampers	Item 2: Actuator 
Item 5: Modulating Damper Motor 	Items 7, 8, and 9: Damper Linkage  7 9 PN 20874 8 PN 116209
Item 8: Modulating Damper Motor 	Item 13: Freezestat/High Ambient Limit  W B R RISE
Item 14: Pressure Null Switch 	Item 15: DDC Interface Module 

Figure 9. Dampers and Damper Control Components (Refer to [Table 16](#))

ACCESSORIES/OPTIONS—CONTINUED

Damper Components (Options AR8, AR15, AR17, AR18, AR23, AR25)—Continued

Table 16. Dampers and Damper Control Components				
Item No.	Component	Description	PN	Option
1	Damper and frame assembly*	SCE unit size 125	105421	—
		SCE unit sizes 150 and 175	105422	
		SCE unit sizes 200 and 225	105423	
		SCE unit sizes 250 and 300 (model SCE) and SSCBL unit sizes 500 and 600	105424	
		SCE unit sizes 350 and 400 (model SCE) and SSCBL unit sizes 700 and 1050	105425	
		SSCBL unit sizes 400, 800, and 1200	105426	
2	Actuator	Two-position	263939	AR8, AR17
3	Replacement kit	For two-position damper actuators, includes damper motor for two-position damper (open/closed, PN 209351), mounting kit, and crankarm, for field-replacement of discontinued motors (PNs 66276 and 97385)	209423	AR8, AR17
4	Damper motor	Modulating, optional, requires auxiliary switch kit (PN 145881)	202091	AR23
		Modulating, floating, with pressure null switch	115683	
5		Modulating, no end switch, replaces PN 53928	115681	AR15, AR18, AR25
		Modulating, requires auxiliary switch kit (PN 145881), replaces PN 96767	115682	
5A	Support	Motor	100315	
6	Damper rod	1/4 × 12 inches long	11561	AR15, AR18, AR23
		1/4 × 13 inches long	112554	AR8, AR17, AR25
		1/4 × 18 inches long	11560	AR8, AR17
		1/4 × 17 inches long	112556	AR15, AR18, AR23, AR25
7	Arm	Damper	12635	AR8, AR15, AR17, AR18, AR23, AR25
8	Ball and socket		12636	
9	Crank arm	Use with current motors (PNs 115682, 115683, and 115681) Use with obsolete motor (PNs 53928, 87059, and 96767)	116209 20874	AR15, AR18, AR23, AR25
10	Adjustment plate	Damper arm	115687 142982	AR15, AR17, AR18 AR23
11	Support bracket	Air controller	103758	AR16, AR18
12	Potentiometer		16110	AR15, AR18
13	Freezestat/high ambient limit	25–225°F, replaces PN 16108	126170	AR15
14	Null switch	Pressure, range 0.01–0.20 IN WC	88052	AR23
15	Module	DDC interface, 4–20ma, for use with modulating damper motor	171134	AR25

Chilled Water Cooling Coil Cabinet (Option AU2)

NOTE: Cabinets are available only by special order and DO NOT include cooling coils, which must be field-supplied.

Table 17. Chilled Water Cooling Coil Cabinet Components							
Component	Description	SCE Unit Size (MBTUh)					
		125	150, 175	200, 225	250, 300	350	400
		SSCBL Unit Size (MBTUh)					
		—			500, 600	700, 1050	400, 800, 1200
		PN (Quantity)*					
Top panel	Coil cabinet, front	172314	172353	172354	172416	172419	172422
	Coil cabinet, middle	—			172417	172420	172423
Insulation retainer	Top coil cabinet panel	172365	172366	172367	172368 (2)	172400 (2)	172369 (2)
Insulation		172516	172517	172518	172519 (2)	172521 (2)	172520 (2)
Top filler	Between top sections	—			105629	105630	105631
Gasket	Top filler				103608 (2)	103609 (2)	103610 (2)
Support	Inner top	—			172482	172483	172484
Insulation	Inner top support				172536	172535	172534

*Quantity is one (1) unless otherwise indicated.

Table 17. Chilled Water Cooling Coil Cabinet Components—Continued

Component	Description	SCE Unit Size (MBTUh)					
		125	150, 175	200, 225	250, 300	350	400
		SSCBL Unit Size (MBTUh)					
		—			500, 600	700, 1050	400, 800, 1200
		PN (Quantity)*					
Door assembly	Coil cabinet	172501	172502	172503	172498 (3)	172499 (3)	172500 (3)
		172337	172338	172339	172340	172341	172342
Small door assembly		—			174012	174013	174014
		—			172343	172344	172345
Door top	Split access door	172373	172374	172375	—		
Insulation	Split access door top	172525	172526	172527	—		
Liner		172486	172487	172488	—		
Door bottom	Split access door	172370	172371	172372	—		
Insulation	Split access door bottom	172522	172523	172524	—		
Liner		172495	172496	172497	—		
Side panel	Top inlet	172440	172435	172436	172437	172438	172439
	Bottom inlet	100037	100038	100039	100040	100041	100042
	Top discharge	172440	172435	172436	172437	172438	172439
	Bottom discharge	100037	100038	100039	100040	100041	100042
Duct flange assembly	Inlet	107395	107396	107397	107398	107399	107400
	Horizontal discharge	107395	107396	107397	107398	107399	107400
Corner post	Inlet cabinet end	172306					
		172305					
Center post		—			172461 (2)		
Cover	Center post				172462 (2)		
Corner post	Cabinet discharge end	172306					
Cover	Corner post	172313					
Corner post	Cabinet discharge end	172304					
Cover	Corner post	172311					
Adjustable blockoff	Coil cabinet	174683					
		179336					
Gasket	Adjustable blockoff	174856 (2)	174857 (2)	174858 (2)	174859 (2)	174860 (2)	174861 (2)
Blockoff	Air side	174685					
Rubber grommet	Vent and drain lines	172528 (2)					
	Feed and return lines	172529 (2)					
	Drain, 1-1/4-inch	39852					
Collection box	Assembly, drain	173568	173569	173570	173571	173572	173573
Pan	Drain	172316 (2)	173528 (2)	173529 (2)	173530 (2)	173531 (2)	173532 (2)
Door latch	Assembly, replacement kit	112974					
Duct connector	Top/bottom, 16-3/4-inch	107427 (2)	—				
	Top/bottom, 21-1/4-inch	—	107428 (2)	—			
	Top/bottom, 27-3/4-inch	—		107429 (2)	—		
	Top/bottom, 36-inch	—			106338 (2)	—	
	Top/bottom, 41-1/2-inch	—				106339 (2)	—
	Top/bottom, 47-inch	—					106340 (2)
	Side, 19-1/2-inch	106395 (2)					
Sheet metal screw	#14 × 3/4	105171 (8)					
	#10 × 1/2	11813 (19)	11813 (21)	11813 (22)	11813 (24)	11813 (25)	11813 (26)
Filler panel	Left side	172357					
	Right side	172358					
	Top	172359	172360	172361	172362	172363	172364
Insulation	1 × 42 × 9 inches	172546 (2)					
Rubber gasket strip, 3/32 × 1-1/8	34-5/8 inches long	103605	—				
	40-1/8 inches long	—	103606	—			
	45-5/8 inches long	—		103607	—		
	53-7/8 inches long	—			103608	—	
	59-3/8 inches long	—				103609	—
	64-7/8 inches long	—					106310
*Quantity is one (1) unless otherwise indicated.							

ACCESSORIES/OPTIONS—CONTINUED

MERV 14 Filters and Filter Racks (Option AW40, Model SSCBL)

Table 18. Replacement 2-Inch Filters (MERV 14) for Option AW40										
Size (Inches)										
12 × 20	12 × 25	12 × 32	16 × 16	16 × 20	16 × 25	20 × 20	20 × 24	20 × 25	25 × 25	25 × 29
PN										
2000008	2000007	2000009	1036522	1036523	1036524	1036525	1036526	1036527	1036528	1036529

Table 19. Replacement Filter Racks for Option AW40		
Model SSCBL Unit Size (MBTUh)		
500, 600	700, 1050	400, 800, 1200
PN		
1047604	1047605	1047606

Vent/Combustion Air Kits (Options CC2 and CC6)

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

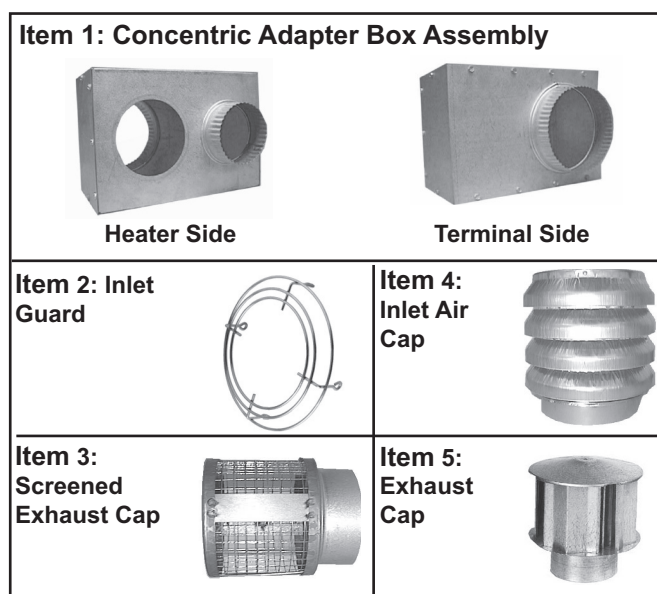


Figure 10. Vent/Combustion Air Kit Components (Refer to [Table 20](#))

Table 20. Vent/Combustion Air Kits			
Item No.	Component	Vertical Vent (Option CC2)	Horizontal Vent (Option CC6)
		Kit PN	
		205896	205883
		Component PN (Quantity)*	
1	Concentric adapter box assembly	205885	
1A	Concentric adapter box bracket (not shown)	207232 (2)	
2	Inlet guard, replaces inlet screen	—	205894
2A	Screw, #10-16 x 1/2-inch-long	037661 (4)	
3	Screened exhaust cap	—	053316
4	Inlet air cap	053330	—
5	Exhaust cap	110052	
6	Sealant, silicone, tube, high temperature, 450°F (not shown)	053335	
*Quantitv is one (1) unless otherwise indicated.			

*Quantity is one (1) unless otherwise indicated.

Manual Shutoff Valve (Options CE1 and CE2, Model SCE)



Figure 11. Manual Shutoff Valve Assembly

Table 21. Shutoff Valve Components				
Component	Description	SCE Unit Size (MBTUh)		
		125, 150, 175, 200, 225, 250	300, 350, 400	125, 150, 175, 200, 225, 250, 300, 350, 400
		Option CE1		Option CE2
		PN		
Shutoff valve assembly	Includes ball valve and union	015971	015972	015972
Ball valve	1/2-inch	196910	—	—
	3/4-inch	—	196911	196911
Union	1/2-inch	001224	—	—
	3/4-inch	—	001101	001101

Thermostats (Options CL1, CL9, CL22, CL33, CL36, CL78, CM1, and CMB1)

Table 22. Thermostats and Thermostat Accessories		
Option	Description	PN
CL1	Single-stage heating/cooling, 24V, snap-acting, 50–90°F, with fan AUTO/ON and COOL/OFF/HEAT	255350
CL9	Electronic modulating, low voltage for makeup air, room override, 60–85°F	024857
CL22	Two-stage heating/cooling, 24V, digital, 40–90°F, with fan AUTO/ON	220630
CL23	Electronic two-stage heating/cooling, programmable (7-day), touchscreen	257338
CL33	Electronic two-stage heating/cooling, 24V, programmable	221038
CL36	Multi-stage, programmable	1043165
CL78	Space-mounted thermostat/sensor (used with option D19 or D21)	272631
CM1	Locking thermostat cover	257464
CM1B	Large locking thermostat cover	257463

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

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

Table 23. Toggle Switches		
Option	Description	PN
CN1	DPDT, three-position, in 4 × 4 box	040277
	DPDT, three-position, replaces PN 21826	101900
CN2	DPST, two-position, in 2 × 4 box	039732
	DPST, two-position, replaces PN 16816	101902
CN3	SPDT, two-position, in 2 × 4 box	039733
	DPST, two-position, replaces PN 1052	101901
CN4	SPST, two-position, in 2 × 4 box	039748

ACCESSORIES/OPTIONS—CONTINUED

Disconnect Switches (Options CP1, CP2, CP3, CP4, CP17, CP41, CP58, and CP59)

NOTE: Fusible switches listed do not include fuses.

Table 24. Disconnect Switches			
Model	Option	Description	PN
SCE, SSCBL	CP1	30A, 240V, non-fusible	040267
	CP2	30A, 240V, fusible	040268
	CP3	30A, 600V, non-fusible	RZ050365
SCE	CP4	30A, 600V, fusible	050366
SSCBL	CP17	60A, 240V, fusible	RZ089932
SCE, SSCBL	CP41	30A, 600V, fusible	RZ208045
SCE	CP58	30A, 600V, non-fusible	208053
	CP59		208054

Condensate Drain Kit (Option CS1, Model SCE)

NOTE: Terminate the condensate drain outside of the building.

Table 25. Condensate Drain Kit (PN 31765) Components			
Component	PN	Quantity	
Waste nut, 3/4	010293	1	
Machine screw, #10-32 × 1	046250	2	
Hex nut, #10-32	026490	2	
RTV sealant, 3-OZ tube	053335	1	
Sheet metal screw	002444	2	

Space Temperature (Option D19) or Makeup Air (Option D21) Control (Model SSCBL)

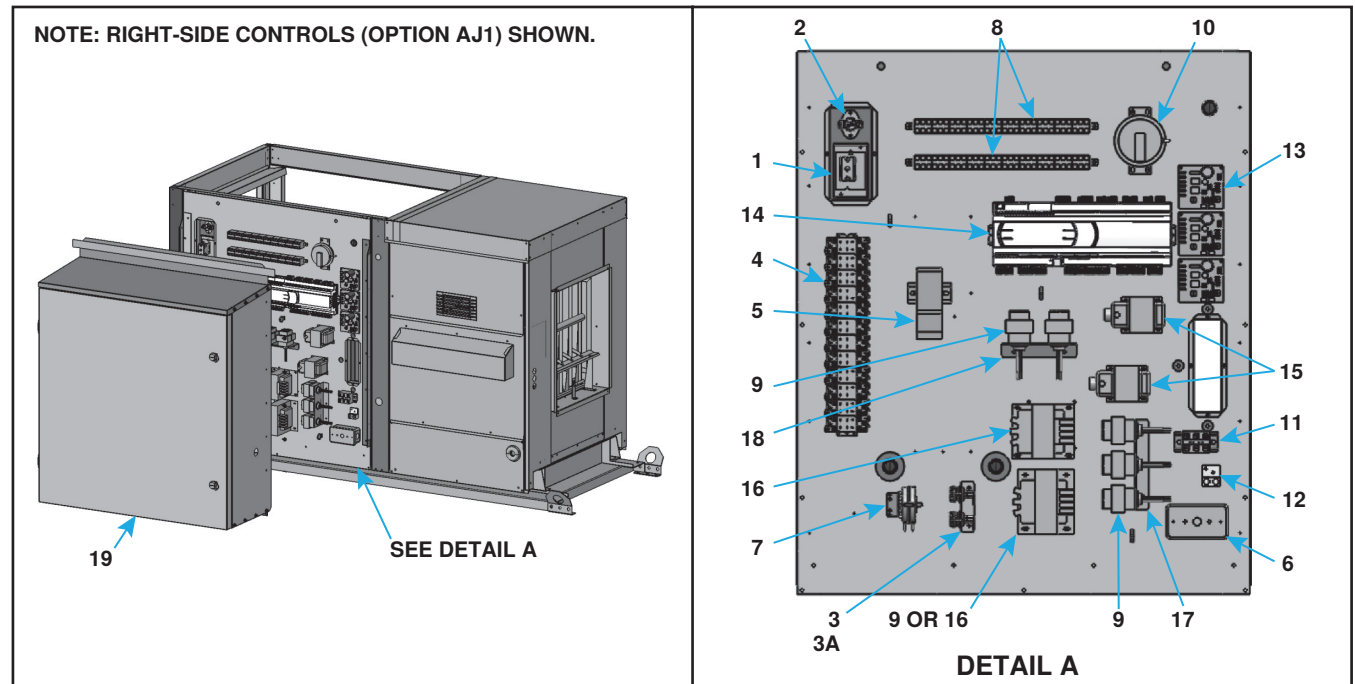


Figure 12. Space Temperature and Makeup Air Control Components (Refer to [Table 31](#))

Table 26. Space Temperature and Makeup Air Control Components

Item No.	Component	Description	PN
1	Firestat	Return air	42782
1A	Gasket	Firestat, for use without firestat cover	121041
1B	Shield	Firestat, discharge firestat only	120021
2	Limit	Auto reset reverse flow	103323
3	Fuse, with fuseholder (PN 60241)	8A	201773
		3A	201780
			201803
3A	Fuseholder		1047527
4	Relay	Fan/blower control, time delay, SPST	209164
		RBM, SPDT, options BG3 and BG5	18549
		24V, option AG8, AG9, or AG21 (relay socket (PN 211415) available)	211411
		Time delay, SPDT, 24V, options AG39 and AG40	174810
5	Starter	Refer to BLOWER MOTOR DRIVE COMPONENTS section	
	Contactor	Blower motor	119625
		Blower motor, 24V coil	216386
6	Outlet	Convenience, option BC2	96912
7	Pressure switch	Air proving	112107
8	Terminal block		144972
8A	Adapter	Terminal block	144973
9	Control/damper transformer	115V to 24V, 20VA	103054
		115 to 24V, 40VA	103055
		208/230 to 24V, 40VA	103497
		460 to 24V, 40VA	103498
		208 to 24V, 200VA	38634
		230/460/575 to 24V, 200VA	39095
		230/460/575 to 115V, 300VA, for 115V units	257031
		208 to 115V, 500VA	86998
		230/460 to 115V, 500VA	86997
		575 to 115V, 500VA	112641
		575 to 115V, 750VA	112642
10	Pressure switch	Dirty filter, field-adjustable, 0.17–5.00 (±0.05) IN WC range	105507
11	Terminal block		031875
12	Lug	Grounding	632235
13	Conditioner	Signal	134170
14	System controller	Carel	1013645
15	Transformer, 75VA	115–480V	208912
		575V	258912
16	Line reactor	Refer to Table 29	
17	Holder	Transformer	1047529
18			1047528
19	Watertight cabinet	Refer to Table 27	

ACCESSORIES/OPTIONS—CONTINUED

Space Temperature (Option D19) or Makeup Air (Option D21) Control (Model SSCBL)—Continued

Table 27. Watertight Cabinet Components			
Component	Description	PN	Option
Cabinet panel	Top	1047550	AJ1, AJ2
	Bottom	1047553	
	Right-side	1047549	AJ1
		2000014	AJ1 with BA6
		2000032	AJ2
	Left-side	1047551	AJ1
		2000033	AJ2
		2000034	AJ2 with BA6
Door assembly	Door panel	1047552	AJ1
		2000035	AJ2
	Latch	204469	AJ1, AJ2
	Hinge	158800	
	Pan head screw, hinge	158802	
	Hex nut, door hinge	26490	
	Gasket tape	202031	
Control panel	Assembly	2000017	AJ1
		2000043	AJ2
Gasket tape	Cabinet opening	103609	AJ1, AJ2
	Door opening	16391	
Screw	Sheet metal	11813	
Washer	Sealing, #10 bonded	2000015	
Switch	Disconnect, with mounting hardware	205906	AJ1 or AJ2 with BA6

Photoelectric Air Duct Smoke Detector (Option SA1)

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

Table 28. Air Duct Smoke Detector Components		
Component	Duct Width (Feet)	PN
Smoke detector	—	159553
Sampling tube	≤1	259069
	1–2	159714
	2–4	558864
	4–8	558865

Variable Frequency Drives (Options VFD1 and VFD2)

NOTE: If the Variable Frequency Drive (VFD) display requires replacing, order ABB model ACS-CP-A (PN 272508).



Figure 13. VFD and Display (Refer to [Table 29](#))

Table 29. Variable Frequency Drives and Corresponding Line Reactors								
Motor HP	V/PH/Hz							
	208/1/60 and 230/1/60		208/3/60 and 230/3/60		480/3/60		575/3/60	
	VFD	Line Reactor	VFD	Line Reactor	VFD	Line Reactor	VFD	Line Reactor
	PN							
1/2	221600	221595	221605	221598	221612	221590	—	
3/4	—		221606	221598	221613	221591		
1	221601	221596	221607	221594	221614	221592		
1-1/2	221602	221597	221608	221595	221615	221593		
2	221603	221597	221609	221596	221616	221585	221855	Built-in
3	221604	221599	221610	221597	221617	221586	221856	
5	—		221611	221599	221618	221587	221857	
7-1/2	—		221621	Built-in	221619	221588	221858	
					284560	Built-in		
10	—		221622	Built-in	221620	221589	221859	
			268522	273362	284561	Built-in		
15	—		221623	Built-in	221627	Built-in	221860	
20	—		221624	Built-in	221628	Built-in	1005374	

