REZNOR®

Revision: RP-HRPD-RPB-RPBL-RPL (02-23) 263984-E

Supersedes: RP-HRPD-RPB-RPBL-RPL (01-23) 263984-D

REPLACEMENT PARTS FOR DUCT FURNACES, PACKAGED SYSTEMS, AND BLOWER CABINETS

MODELS RP, HRPD, RPB, AND RPBL
(ALSO OBSOLETE MODELS PGBL, RBA, RBHA, RBL, RG, RGB, RGBL, AND RPDBL)

TABLE OF CONTENTS

IMPORTANT

1. Always include complete model and serial number so that any specification change can be considered for parts replacement. It can save time and expense.
2. In keeping with our policy of continuous product improvement, we reserve the right to alter any information shown here. Specifications are subject to change without notice.
3. We reserve the right to substitute functional replacements.
4. Order by Part Number (PN) not by option designation.

REFERENCES

Table 1. Related Technical Manuals Available from Factory Distributor		
Type	**Form**	**PN***
Installation, operation, and maintenance	RP-HRPD-IOM	132210
	RPB-IOM	131782
	SSCBL-RPBL-IOM	149159
	I-RBL	163219
Control system guide	OPT-D19-D21-D22-D23	1042481
Outside air hood installation	RPB-RPBL-AS2	132901
Screened air hood installation	OPT-AIR-HOOD	131794
Ignition system and gas valve replacement parts	P-VALVES	263995
Evaporative cooling module replacement parts	P-REC	271165
Evaporative cooling module installation/operation/maintenance	OPT-AS3,4,5,8	160202
Maxitrol amplifier replacement kit installation	OPT-AG7,8,9,9H	262319
Gas conversion kit parts	OPT-GC	143147
*Also available at **www.reznorhvac.com**.		

CABINET CONFIGURATIONS

NOTES:

These units (refer to Table 2) are available in the following cabinet configurations (see Figure 1):

- **Models RG (discontinued) and RP: duct furnaces**
- **Model HRPD: outdoor dual duct furnaces (refer to Table 3)**
- **Models RGB (discontinued), RGBL (discontinued), and RPB: packaged systems**
- **Models (C)RGBL (discontinued) and RPBL: outdoor packaged systems that consist of a model HRG (discontinued), HCRG (discontinued), or HRPD duct furnace(s) coupled with a BL-type blower cabinet and that may include an optional outside air hood, downturn plenum, coil cabinet (with or without downturn), and/or evaporative cooling module (refer to Table 3)**
- **Model PGBL (discontinued): indoor packaged system that consists of a duct furnace coupled with a BL-type blower cabinet and that may include an optional downturn plenum, coil cabinet (with or without downturn), and/or evaporative cooling module (refer to Table 3)**
- **Models (H)(C)RGB (discontinued) and (H)RPB: outdoor packaged systems that consist of a model RG (discontinued), CRG (discontinued), HRG (discontinued), HCRG (discontinued), RP, or HRPD duct furnace coupled with a B-type blower cabinet and that may include an optional outside air hood, downturn plenum, coil cabinet (with or without downturn), and/or evaporative cooling module (refer to Table 3)**
- **Model RPDBL (discontinued): outdoor packaged system that consists of HRPD duct furnaces coupled with two BL-type blower cabinets and that may include optional outside air hoods and downturn plenum cabinets (refer to Table 3)**
- **Models RBA (discontinued), RBHA (discontinued), and RBL (discontinued): blower cabinets**

Prefix (C) indicates higher thermal efficiency, (H) indicates higher CFM capacity, and (HC) indicates higher CFM capacity and thermal efficiency.

Table 2. Unit Descriptions							
Model	Unit Type	Capacity Range		Thermal Efficiency	Vent	Installation	No. of Sizes
		MBH Input	CFM				
PGBL*	Packaged	400–1200	3300–13500	80%	Power	Indoor	3
RG*	Duct furnace	75–400	—	78%	Gravity	Outdoor	11
RGB*	Packaged	75–400	600–7100	78%	Gravity	Outdoor	11
RGBL*	Packaged	400–1200	3300–13500	78%	Gravity	Outdoor	7
RP	Duct furnace	125–400	—	80%	Power	Outdoor	9
HRPD	Two duct furnaces	250–800	—	80%	Power	Outdoor	8
RPB	Packaged	125–400	1025–7100	80%	Power	Outdoor	9
RPBL	Packaged	400–1200	3300–13500	80%	Power	Outdoor	7
RPDBL*	Packaged	800–1600	6600–22000	80%	Power	Outdoor	5
RBA*	Blower only	—	1500–5000	—	—	Indoor/outdoor	1
RBHA*	Blower only	—	1500–5000	—	—	Indoor/outdoor	1
RBL*	Blower only	—	5000–15000	—	—	Indoor/outdoor	1
*Models are no longer manufactured. Also, except for duct furnace model HRPD, (H), (C), and (HC) models are no longer manufactured.							

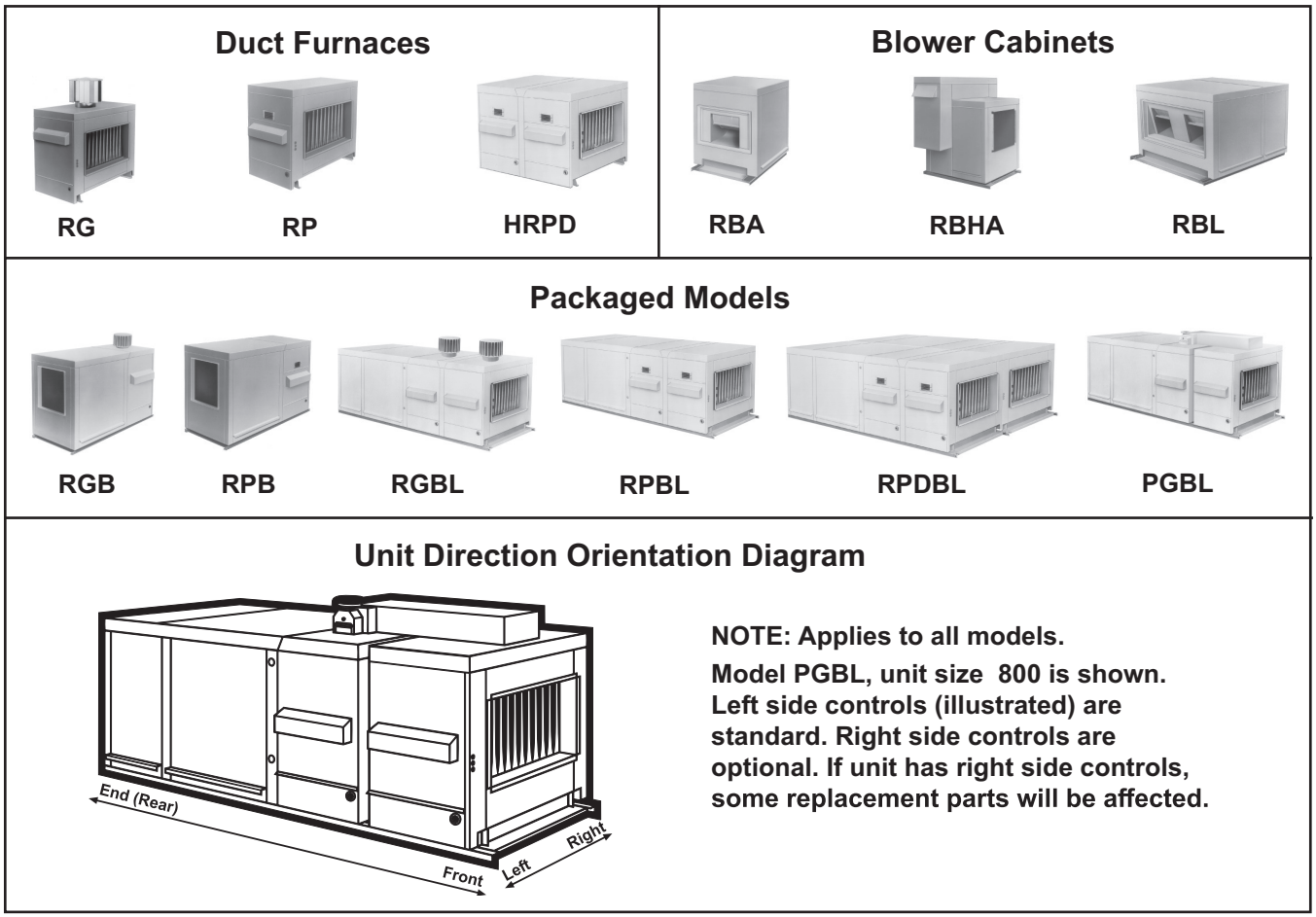
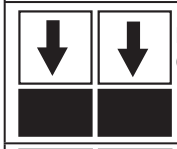
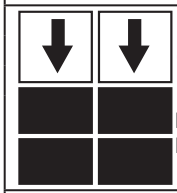


Figure 1. Cabinet Configurations

CABINET CONFIGURATIONS—CONTINUED

Table 3. Duct Furnace-Blower Cabinet Combinations

Configuration	Unit Type	Model	Unit Size	Duct Furnace Model Used	Duct Furnace Unit Size Used	Duct Furnace Quantity Used
	Outdoor dual duct furnace	HRPD	250	HRP	125	2
			300		150	
			350		175	
			400		200	
			500		250	
			600		300	
			700		350	
			800		400	
 **B-Type Cabinet** **Duct Furnace**	Outdoor packaged system	(H)(C)RGB, (H)RPB	All	RG, CRG, HRG, HCRG, RP, or HRP	All	1
 **BL-Type Cabinet** **Duct Furnace**	Outdoor packaged system	(C)RGBL, RPBL	400	HRG, HCRG, or HRP	400	1
	Indoor packaged system	PGBL				
 **BL-Type Cabinet** **Duct Furnace** **Duct Furnace**	Outdoor packaged system	(C)RGBL, RPBL	500	HRG, HCRG, or HRP	250	2
			600		300	
			700		350	
			800		400	
	Indoor packaged system	PGBL	800		400	
 **BL-Type Cabinet** **Duct Furnace** **Duct Furnace** **Duct Furnace**	Outdoor packaged system	(C)RGBL, RPBL	1050	HRG, HCRG, or HRP	350	3
			1200		400	
	Indoor packaged system	PGBL	1200		400	
 **BL-Type Cabinets** **Duct Furnaces**	Outdoor packaged system	RPDBL*	800	HRP**	200	4
 **BL-Type Cabinets** **Duct Furnaces**			1000		250	
			1200		300	
			1400		350	
			1600		400	

*Replacement parts are not identified for these specific models; look for equivalent RPBL models.

**Consists of two (2) RPBL packaged systems.

Table 4. Model Introduction/Certification					
Unit Type	**Model**	**Original Agency**	**Introduction Date**	**Certification Date**	**Re-certification Date**
Duct furnace	(H)(C)(HC)RP	A.G.A.	FEB 1990	—	—
	(H)RP	A.G.A.	—	—	MAY 1995*
	(H)(C)(HC)RG	A.G.A.	FEB 1990	—	MAY 1995*
	(H)RG	C.G.A.	MAY 1990	—	MAY 1995*
	(H)RP	C.G.A.	MAY 1990	—	MAY 1995*
Packaged	(H)(C)(HC)RGB	A.G.A.	—	FEB 1996	—
	(H)RPB	A.G.A.	—	FEB 1996	—
	RPBL, (C)RGBL	A.G.A.	—	NOV 1996	—
	PGBL	A.G.A.	—	MAR 1997	—
	(H)(C)(HC)RGB	C.G.A.	—	AUG 1996	—
	(H)RPB	C.G.A.	—	AUG 1996	—
	RPBL, (C)RGBL	C.G.A.	—	AUG 1997	—
	PGBL	C.G.A.	—	AUG 1997	—
*Re-certified as series 8.					

SERIAL NUMBERS

Serial number format changed in June of 2015. Use the following information to decode system serial numbers:

Decoding a System Serial Number for ALL Models *Before* JUN 2015

Serial No. Sample: **S BKI 95 W8 N 00000 MV3**
Elements of No.: **1 | 2 | 3 | 4 | 5 | 6 | 7**

Key:

1 = Stainless steel heat exchanger (there is no letter suffix with aluminized heat exchanger)
2 = Date of manufacture (refer to **Table 5**)
3 = Type of pilot system (refer to *P-VALVES* manual listed in **Table 1**)
4 = Type of gas valve (refer to *P-VALVES* manual listed in **Table 1**)
5 = Type of gas (N = natural, L = propane)
6 = Consecutive number (identification only)
7 = Maxitrol system (optional)

Decoding a System Serial Number for ALL Models *After* MAY 2015

Serial No. Sample: **BOF 3062 000000**
Elements Key No.: **1 | 2 | 3**

Key:

1 = Date of manufacture (refer to **Table 5**)
2 = Plant of manufacture (3060 = Mercer, 3062 = Monterrey)
3 = Consecutive number

SERIAL NUMBERS—CONTINUED

Table 5. Serial Number Date Codes (Month and Year)

Year	Month											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
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	BEA	BEB	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	BII	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	BTD	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

Table 6. Serial Number Motor Horsepower (HP) Codes

Single-Speed Motors				Two-Speed Motors			
Code*	HP	Code	HP	Code	HP	Code	HP
05	1	11	7.5	20	1.00/0.44	24	5.00/2.20
06	1.5	12	15	21	1.50/0.68	25	7.50/3.30
07	2	13	10	22	2.00/0.88		
08	3	14	20	23	3.00/1.30	26	10.00/4.40
09	5						

*Refer to item D in blower cabinet rating plate key.

NOTES:

- **B-type cabinet control locations are the same as in the larger capacity BL-type cabinets.**
- **Table 7 lists the line voltage applicable to each package configuration.**
- **Figure 2 shows the locations of furnace electrical components, which are listed in Table 8.**
- **The combustion air pressure switch (item 3, Figure 2) on RP series units manufactured *after* JAN 1999, is mounted inside the electrical box. On RP series units manufactured *before* FEB 1999, the pressure switch is mounted on the wall of the electrical compartment above the electrical box.**
- **The venter assembly and the combustion air pressure switch (item 3, Figure 2) on indoor model PGBL is mounted on top of the unit.**
- **Figure 3 and Figure 4 show individual furnace electrical components.**
- **Table 9 lists the applicability for relays.**
- **Table 10 lists the limit control applicability for BL-type packaged systems.**
- **Figure 5 shows the locations of blower cabinet electrical components, which are listed in Table 11.**
- **Figure 6 shows individual blower cabinet electrical components.**
- **Table 12 lists the applicability for transformers.**
- **Figure 7 shows toggle switches, which are listed in Table 13.**
- **For units equipped with option D1, D2, D3, or D4, a Johnson Controls Metasys® interface (see location in Figure 5) for Digital Direct Control (DDC), features and components are shown in Figure 8 and listed in Table 14.**

Table 7. Line Voltage Applicability

Package Configuration	Unit Voltage Type	Line Voltage to Furnace or Packaged System					Comment
		115	208	230	460	575	
		Unit Voltage					
RG	Control volts in/out/VA	115/24/20	208/24/20	230/24/20	460/24/20	—	Furnace only
RGB	Motor voltage	115	208	230	460	575	—
RGB	Control volts in/out/VA	115/24/40	208/24/40	230/24/40	460/24/40	575/24/200	—
RP	Control volts in/out/VA	115/24/40	208/24/40	230/24/40	460/24/40	—	Furnace only
HRPD	Control volts in/out/VA	115/24/40	208/24/40	230/24/40	460/24/40	—	Furnace only
RPB	Motor voltage	115	208	230	460	575	—
RPB	Control volts in/out/VA	115/24/40	208/24/40	230/24/40	460/24/40	115/24/40	575 to 115V/300VA transformer
RPBL 400 RGBL 400 PGBL 400	—	115	208	230	460	115	575 to 115V/300VA transformer
RPBL 500–800 RGBL 500–800 PGBL 800	—	115	208	230	460	115	575 to 115V/500VA transformer
RPBL 1050–1200 RGBL 1050–1200 PGBL 1200	—	115	208	230	460	115	575 to 115V/750VA transformer

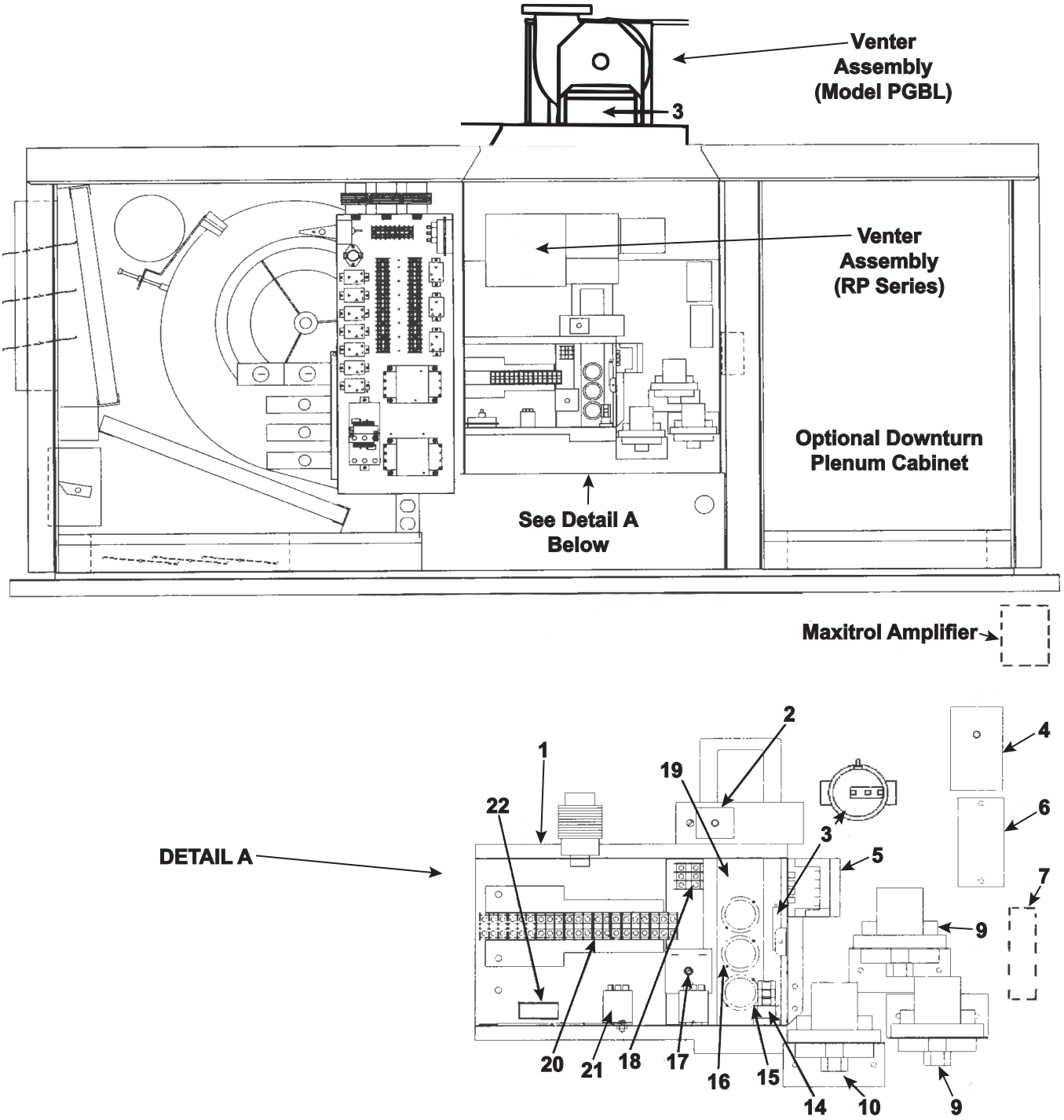


Figure 2. Typical Furnace Electrical Compartment (Refer to Table 8)

Table 8. Electrical Components

Item No.	Component	Description	PN
1	Box	Electrical (replaces PN 11965 on RG models)	100108
1A	Cover	Electrical box (replaces PN 9546 on RG models)	100109
2	Freezestat	Automatic reset, 25–225°F, option BE2, replaces PN 16108 (J/C #AI9AAF-2C)	126170
2A	Bracket	Element	100260
2B	Clamp	Grommet, freezestat	131993
2C		Cable, freezestat	132065
3	Combustion air pressure switch	For installations ≤4000 feet elevation on power-vented models manufactured ***after*** JUN 2004, setpoint = 0.58 (±0.05) IN WC	204327
		For installations >4000 feet elevation on power-vented models manufactured ***after*** JUN 2004, setpoint = 0.52 (±0.05) IN WC	204328
		Replacement kit, for installations ≤4000 feet elevation on RP series units manufactured ***between*** DEC 1991 and JUL 2004 (except fo RP/RPB models with option AG39 or AG40 or for first furnace of HRPD/RPBL models with modulating gas control option AG41 or AG42)	193810
		Replacement kit, for installations >4000 feet elevation on RP series units manufactured ***between*** DEC 1991 and JUL 2004 (except fo RP/RPB models with option AG39 or AG40 or for first furnace of HRPD/RPBL models with modulating gas control option AG41 or AG42)	193811
		For RP(B) models (unit sizes 125–225) with option AG39 or AG40 and first furnace of HRPD models (unit sizes 250–400) with modulating gas control option AG41 or AG42 manufactured ***between*** DEC 1991 and JUL 2004	193813
		For RP(B) models (unit sizes 250–400) with option AG39 or AG40 and first furnace of HRPD models (unit sizes 500–800) and all RPBL models with modulating gas control option AG41 or AG42 manufactured ***between*** DEC 1991 and JUL 2004	193812
		Replacement kit, for all RP series models manufactured ***before*** DEC 1991	93033
4	Firestat	Discharge air, manual reset, opens at 200°F, option BD2 (Honeywell #L4029E 1029)	42782
4A	Gasket	Firestat, used when firestat is installed without cover	121041
4B	Shield	Firestat, used with discharge firestat only	120021
5	Ignition controller	For intermittent spark pilot system without lockout, serial No. code 94	257009
		For intermittent spark pilot system with lockout, serial No. code 95	257010
		Replacement kit, for previously-used recycling ignition controllers without lockout, serial No. codes 62 and 66	257472
		Replacement kit, for previously-used ignition controllers with lockout, serial No. codes 63, 65, and 84	257473
6	Discharge air sensor	For modulating gas valve, option AG8 or AG9 (Maxitrol #TS-121)	48041
		For option AG39 or AG41 (Maxitrol #TS-194)	133228
6A	Gasket	Discharge air sensor	104138
7	Ductstat	Two-stage, 55–58°F, 5-foot capillary, option AG3, AG4, or AG5, units manufactured ***before*** MAR 2022, no longer available—replaced by PN 211481 (Honeywell #T678A1015)	41700
		Two-stage, 55–58°F, 5-foot capillary, option AG3, AG4, or AG5, units manufactured ***before*** MAR 2022, no longer available—replaced by PN 211481 (Essex Corp)	
		Two-stage, 50–120°F, 10-foot capillary, option AG3, AG4, or AG5, units manufactured ***after*** FEB 2022, replaces PN 41700—note that terminal designations are different (Jumo #6000444832)	211481
7A	Element bracket	For Honeywell ductstat	100260
		For Essex Corp ductstat	104156
7B	Cable strap	Ductstat cable	16227
7C	Plate	Retaining, sheet metal	7727
7D	Gasket	Ductstat	7726

ELECTRICAL COMPONENTS—CONTINUED

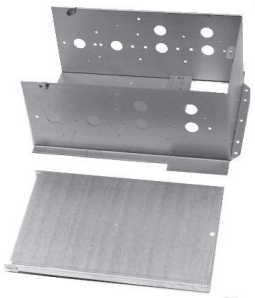
Table 8. Electrical Components—Continued

Item No.	Component	Description	PN
8	Remote ductstat module	Temperature selector module, J/C # A350AA-1C, includes ductstat sensor (#SET A99BC-25C, PN 115851), option AG15, AG16, AG17, AG18, AG19, or AG20	115848
		Stage adder module, J/C #S350AA-1C, option AG15, AG16, AG17, AG18, AG19, or AG20	115849
		Digital temperature display module, J/C #D350AA-1C, option AG15, AG16, AG17, AG18, AG19, or AG20	115852
8A	Sensor holder	Remote ductstat, option AG15, AG16, AG17, AG18, AG19, or AG20	115850
9	Pressure switch	Low natural gas pressure, automatic reset, setting = 50% of minimum inlet gas pressure on rating plate, range = 1–6 IN WC	93849
		Low propane gas pressure, automatic reset, setting = 50% of minimum inlet gas pressure on rating plate, range = 6–24 IN WC	149176
10		High gas pressure (option BP2), manual reset, setting = 125% of normal manifold gas pressure on rating plate	93850
11	Vent limiter	Maxitrol #A1209	123481
11A	Bracket	Vent limiter	100261
12	Modulating gas control manifold	Gas flow pressure switch, white label, 1.1 IN WC, option AG39, AG40, AG41, or AG42 (quantity = two (2) for units with gear motor manufactured ***after*** OCT 2003)	174809
13		Backup gas flow pressure switch, white label, 1.4 IN WC, option AG39, AG40, AG41, or AG42 (for units with solenoid actuator manufactured ***before*** NOV 2003)	175985
14	Relay	Time delay (RP series)	259780*
		Replacement kit, for replacing PNs 46233 and 259518 used on units manufactured ***before*** FEB 2010	259521
15	Limit control	140°F, red/white label, for RP/HRPD models with option BU12	196571
		Automatic reset, with linear sensor, TOD #10HG11	148588
		Automatic reset, TOD #60T11	103323
		125°F, for RG, RGB, RP, RPB, RGBL, PGBL and RPBL models	50417**
		145°F, for RGBL, PGBL and RPBL models	50418**
		155°F, for RGBL and RPBL models	19080**
		170°F, for RGBL, PGBL and RPBL models	57953**
15A	Shield	Limit control, for RG, RGB, RP, RPB, RGBL, and RPBL models	12229**
		Limit control, for RGBL and RPBL models	9704**
16	Fan/blower control	Time delay relay, SPST, Thermodisc #I2S20-305131, used on units manufactured ***after*** NOV 2004	209164*
16A		Replacement kit, replaces temperature-activated fan control on units manufactured ***after*** NOV 2004	209184*
17	Relay	Time delay, T&B Agastat #TM1ULA, freezestat circuit or gas control option AG7, AG8, or AG9	89661
18	Terminal block	Line voltage	144972
18A	Adapter	Line voltage terminal block	144973
19	Heat shield	Used on units manufactured ***before*** DEC 2004, US installations	10188
		Used on units manufactured ***before*** DEC 2004, Canadian installations	63818
20	Terminal block	Low voltage	144972
20A	Adapter	Low voltage terminal block	144973
21	Relay	Freezestat	211411
		Replacement kit, for units manufactured ***before*** SEP 2011	263527
21A	Socket	Relay	211415
22	Pressure switch	Dirty filter, field-adjustable, 0.17–5.00 (±0.05) IN WC range (Cleveland Controls #RFS-4100-040)	105507

*Refer to **Table 9** for relay applicability.

Refer to **Table 10 for BL-type packaged system applicability.

Item 1: Electrical Box and Cover



Item 2: Freezestat

Item 3: Combustion Air Pressure Switch

Item 4: Firestat

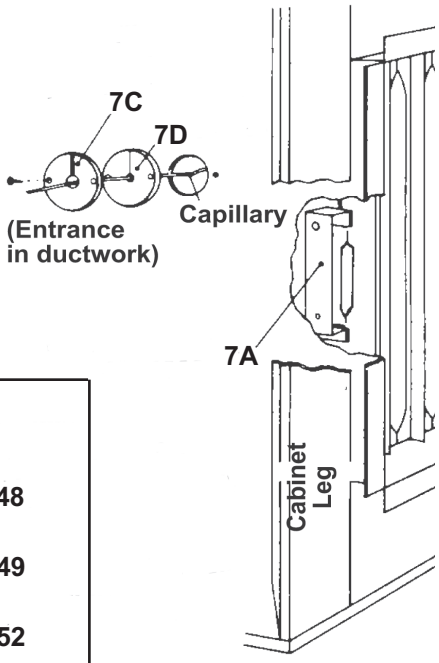
Item 5: Ignition Controller

PN 257009

PN 257010

Item 6: Discharge Air Sensor

Item 7: Ductstat



Item 8A: Ductstat Sensor and Holder

Item 8: Remote Ductstat Module

A = PN 115848

B = PN 115849

C = PN 115852

Figure 3. Individual Furnace Electrical Components—Items 1 Through 8 (Refer to Table 8)

ELECTRICAL COMPONENTS—CONTINUED

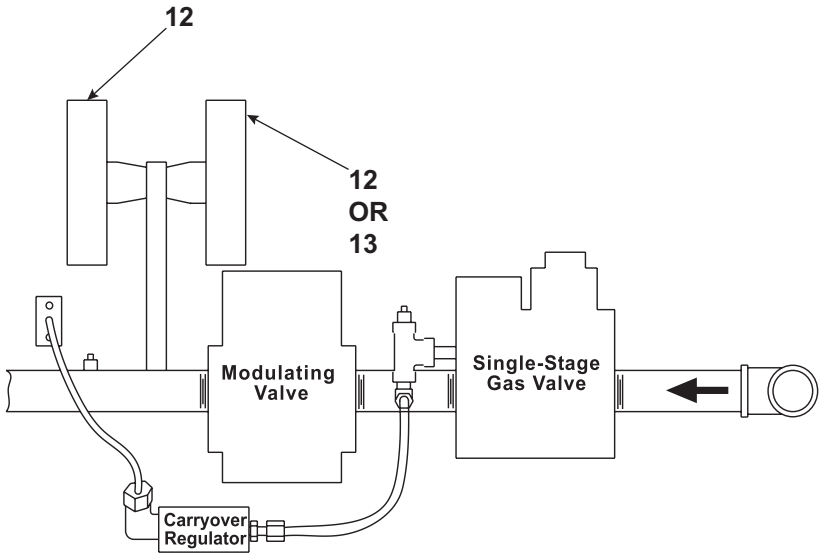
Item 9: Low Gas Pressure Switch

Item 10: High Gas Pressure Switch

Item 11: Vent Limiter

11A

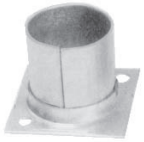
Items 12 and 13: Modulating Gas Control Manifold



Item 14: Time Delay Relay

Item 15: Limit Control

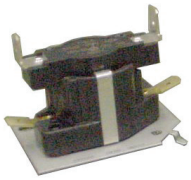
PN 50417



15A

PN 148588

Item 16: Fan/Blower Control

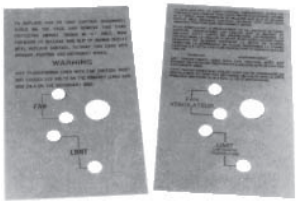


Item 17: Time Delay Relay

Item 18: Terminal Block

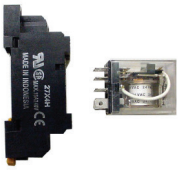
Item 18A: Adapter

Item 19: Heat Shield



PN 10188 PN 63818

Item 21: Freezestat Relay



Item 22: Dirty Filter Pressure Switch

Figure 4. Individual Furnace Electrical Components—Items 9 Through 22 (Refer to Table 8)

Table 9. Relay Applicability

Option	Application/Description	Date of Manufacture	PN		Quantity
—	Freezestat	***Before*** SEP 2011	103317*	98118*	1
		After AUG 2011	211411		
	Starter	***Before*** FEB 2010	110656		
		After JAN 2010	259780		
BF2	Summer/winter	***Before*** SEP 2011	98118*		
		After AUG 2011	211411		
BG	SPST	***Before*** SEP 2011	98118*		
		After AUG 2011	211411		
	SPDT	***Before*** SEP 2011	103317*		
		After AUG 2011	211411		
BM12	Illinois school code controls	—	103317*	98118*	
BM13	IRI gas controls	—	98118*		4
—	Discharge damper	***Before*** SEP 2011	103317*		2
		After AUG 2011	211411		
D1, D2, D3, D4	DDC interface	—	103317*		2 or 3
—	Blower	***Before*** SEP 2011	211411		1
		After AUG 2011	98118*		
	Two-speed motor	—	110656		
	Two-speed motor speed	—	110656		
	Venter (time-delay), RP and PGBL models	***Before*** FEB 2010	259780		
		After JAN 2010	259518**	46233**	
	Fan/blower control	***After*** NOV 2004	209164†		
AG7, AG8, AG9, AG39, AG40, AG41, AG42	Gas control, option	***Before*** DEC 2010	206146‡		
		After NOV 2010	262337		

*PN is no longer available. Order replacement kit (PN 263527).

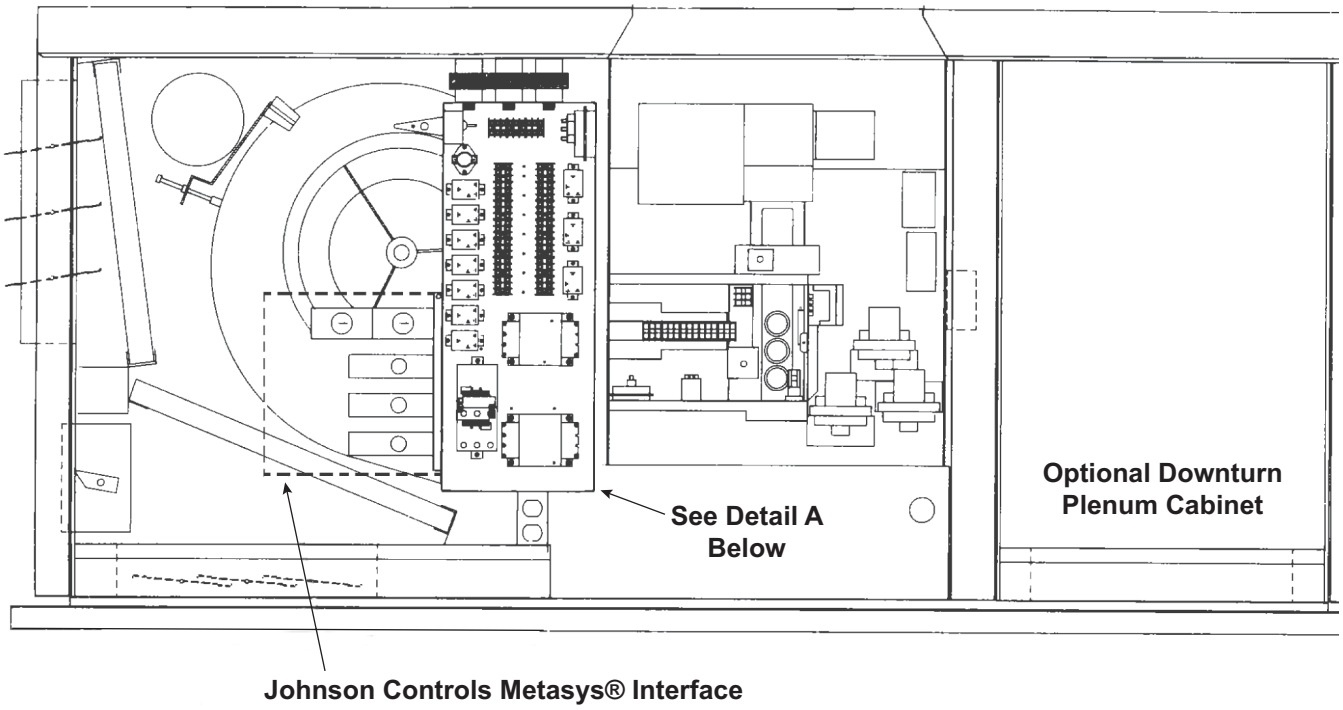
**PN is no longer available. Order replacement kit (PN 259521).

†Replaced temperature-activated fan control.

‡PN is no longer available. Order replacement kit (PN 262375).

Table 10. Limit Control Applicability for BL-Type Packaged Systems

Model Applicability	Component	Unit Size	Furnace		
			1	2	3
			PN		
RGBL and RPBL models manufactured ***before*** JAN 1997	Limit control	400	50418	—	—
		500, 600, 800		57953	
		1050, 1200	50417	19080	57953
	Shield	400	12229	—	—
		500, 600, 800			
		1050, 1200	—	9704	
RGBL, PGBL and RPBL models manufactured ***after*** DEC 1996	Limit control	400	50418	—	
			148588		
		500, 600, 800	50418	57953	
				148588	
		1050, 1200	50417	50418	57953
					148588



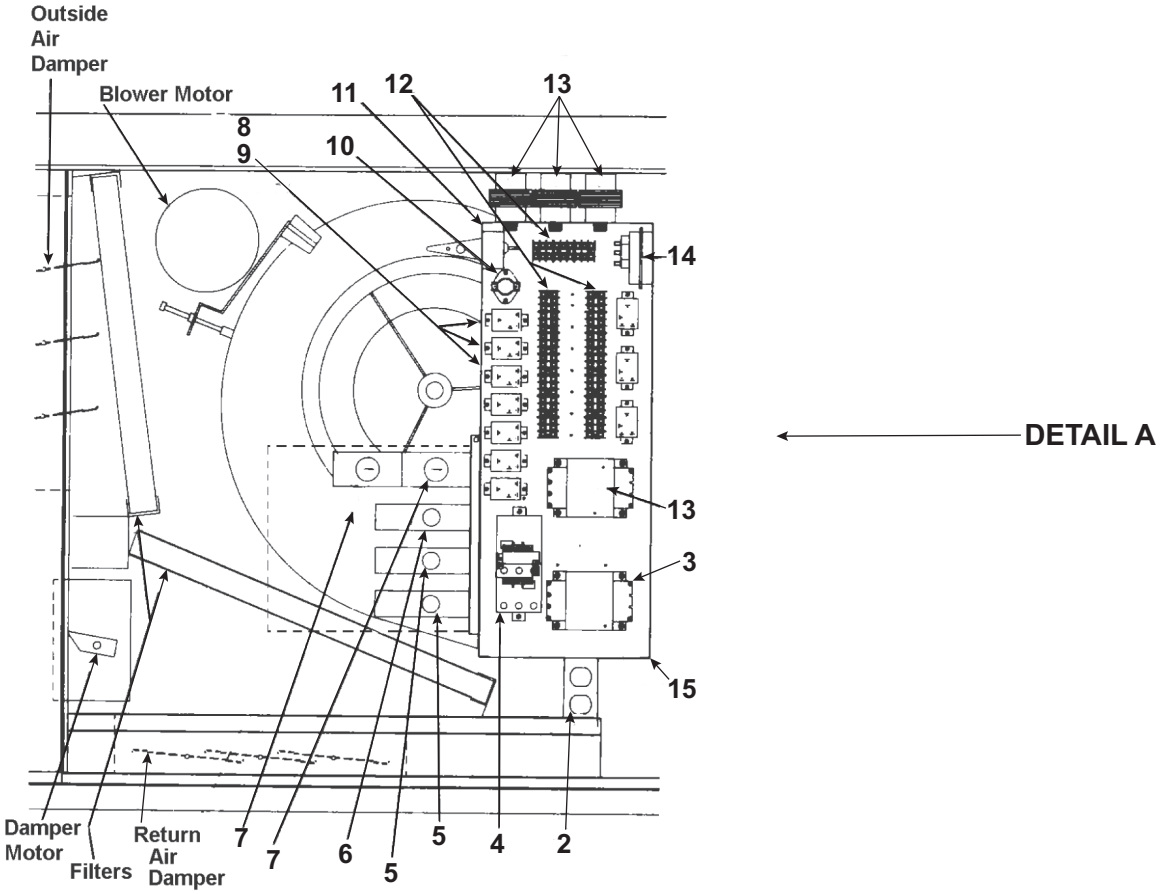


Figure 5. Blower Cabinet Electrical Compartment (Refer to Table 11)

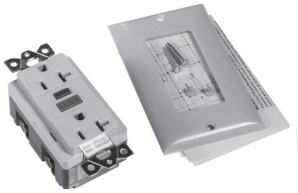
Table 11. Blower Cabinet Electrical Components			
Item No.	**Component**	**Description**	**PN**
1	Fuse	8A, Bussman #FNM8	201773
		3A, Bussman #FNM3	201780
		3A, Bussman #MDL3	201803
1A	Fuseholder		60241
2	Outlet	Receptacle, convenience	96912
3	Contactor	Blower motor, 24V coil (replaces PNs 93661 and 119625	216386
4	Controller	Temperature, –30 to 100°F, J/C #A19ABC-24 (option AG41 or AG42 on RPBL and HRPD models)	197204
5		High ambient temperature limit (option BN2) or outside air or return air	126170
		Outside air or return air, J/C #A19ABC-24	197204
6		Mixed air	16109
7	Potentiometer		16110
8	Relay	Two-speed blower motor speed selector, 24V, Essex #91-102006-1300 (replaces PN 105803)	110656*
9		DPDT, 24V, plug-in, summer-winter (option BF2) or RBM (BG options)	211411*
9A		Replacement kit, for units manufactured ***before*** SEP 2011	263527*
9B	Socket	Relay	211415
10	Limit switch	Reverse flow, automatic reset, #60T11-313154	103323
10A	Bracket	Limit switch	18795
11	Firestat	Return air, manual reset, opens at 200°F, option BD3, Honeywell #L4029E-1029	42782
12	Terminal block	Low voltage	144972
12A	Adapter	Low voltage terminal block	144973
13	Transformer**	115V to 24V, 20VA, Basler #BE121625-WAR	103054
		115 to 24V, 40VA, Basler #BE141650-WAA	103055
		208/230 to 24V, 40VA, Basler #BE2153900	103497
		460 to 24V, 40VA, Basler #BE23975001	103498
		208 to 24V, 200VA	38634
		230/460/575 to 24V, 200VA	39095
		230/460/575 to 115V, 300VA, for 115V units	105202
		208 to 115V, 500VA	86998
		230/460 to 115V, 500VA	86997
		575 to 115V, 500VA	112641
		575 to 115V, 750VA	112642
14	Switch	Air proving (blower air flow switch), normally-open, non-adjustable, setpoint = 0.175 IN WC, Tridelta #FP6605 (option BW1)	112107
15	Electrical box	Blower cabinet, standard left-side controls	100092
		Blower cabinet electrical box, optional right-side controls	95486
15A	Cover	Electrical box	100095
15B	Box top	Electrical box	196648
*Refer to **Table 9** for relay applicability.			
Refer to **Table 12 for transformer applicability.			

ELECTRICAL COMPONENTS—CONTINUED

Item 1: Fuse

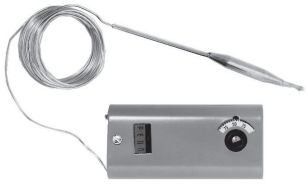
Item 1A: Fuseholder

Item 2: Convenience Outlet Receptacle



Item 3: Contactor

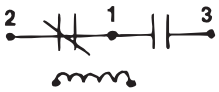
Items 4 and 5: Controller

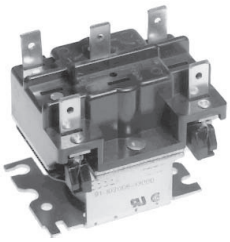


Item 6: Mixed Air Controller

Item 7: Potentiometer

Item 8: Blower Relay

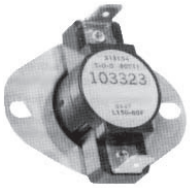




Item 9: DPDT Relay

Item 9A: Socket

Item 10: Reverse Flow Limit Switch



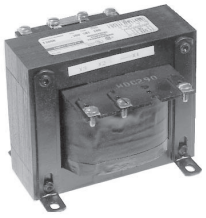
Item 11: Firestat

Item 12: Terminal Block

Item 12A: Adapter

Item 13: Transformer

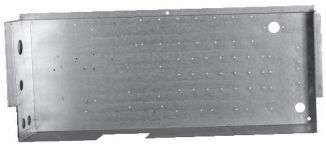
20 and 40VA



200 and 300VA

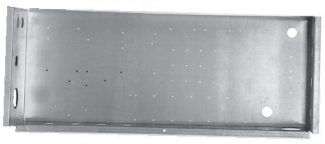
Item 14: Air Proving Switch

Item 15: Electrical Box and Cover



Standard Left-Side Controls

Cover



Optional Right-Side Controls

Figure 6. Individual Blower Cabinet Electrical Components (Refer to Table 11)

Table 12. Transformer Applicability					
Application	Model (Unit Size)	Volts			PN
		In	Out	VA	
Controls	RG	115	24	20	103054
	RBA, RBHA, RBL, RGB, RGBL, RP, RPB, RPBL	115	24	40	103055
	RBA, RBHA, RBL	208/230	24	40	103497
		480			103498
	PGBL	115	24	200	38634
	PGBL, RBA, RBHA, RBL, RGB, RGBL, RPB, RPBL	208/230/460/575	24	200	39095
	PGBL, RPB, RPBL	208/230/460/575	115	300	105202
575V line	PGBL (400), RPBL (400)	208/230/460/575	115	300	105202
	PGBL (800, 1200), RPBL (400–800)	575		500	112641
	RPBL (1050–1200)			750	112642
IRI manifold	—	208/230/460/575	115	300	105202
		208		500	86998
		230/460			86997
FM manifold	—	208/230/460/575	115	300	105202
Option D1-4* or discharge damper	—	115	24	40	103055
		208/230			103497
		480			103498
*DDC from building's environmental control system.					

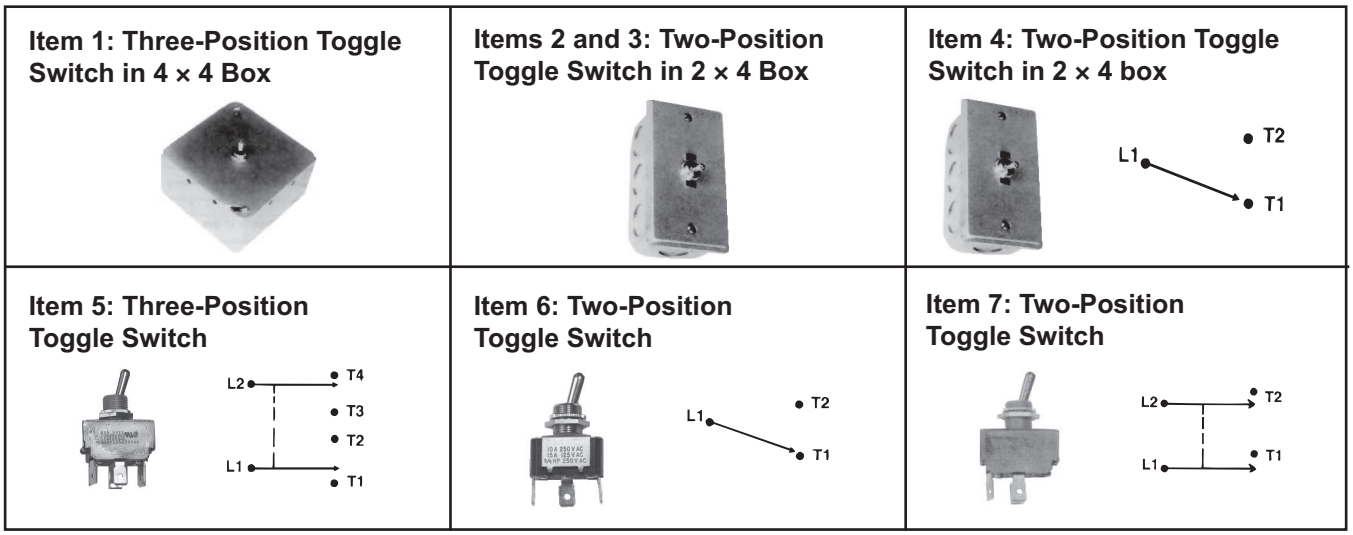
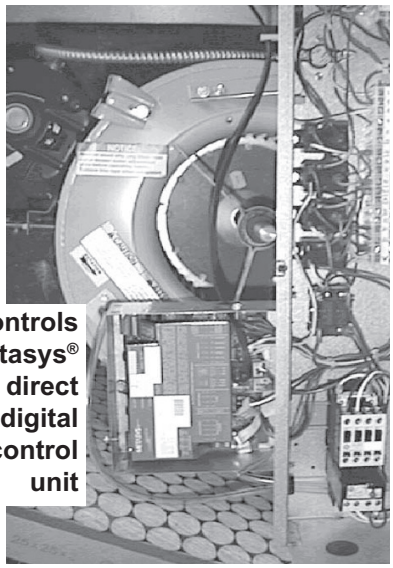


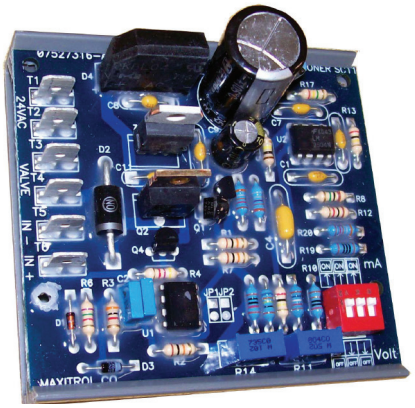
Figure 7. Toggle Switches (Refer to Table 13)

Table 13. Toggle Switches					
Option	Box Size (Inches)	Description	No. of Switch Positions	Item No.	PN
Same as option CN1	4 × 4	DPDT	3	1	40277
Same as option CN2	2 × 4	DPST	2	2	39732
Same as option CN3		SPDT		3	39733
Same as option CN4		SPST		4	39748
—			3	5	101900
			2	6	101901
				7	101902

Blower Cabinet



Johnson Controls Metasys® direct digital control unit



DDC Interface Module

Figure 8. Johnson Controls Metasys® Interface—RGB and RPB Models

Table 14. Johnson Controls Metasys® Interface (RGB and RPB Models)

Control/Component		DDC Control Option			
		D1	D2	D3	D4
Maintains constant mixed entering air temperature		YES	NO	YES	NO
Maintains constant discharge air temperature		NO	YES	NO	YES
Modulating dampers		YES	NO	YES	NO
On/off dampers		NO	YES	NO	YES
Modulating gas control		YES	YES	NO	NO
Two-stage gas control		NO	NO	YES	YES
Firestat		YES	YES	YES	YES
Freezestat		YES	YES	YES	YES
Air proving switch		YES	YES	YES	YES
Component	**Description**	**DDC Control Option**			
		D1	**D2**	**D3**	**D4**
		PN (Quantity)*			
Option package	J/C #AS-UNT121-1	171138	171139	171140	171141
EMI filter	Corcom #3VK1	171738			
Relay	RBM	263527** (2)		263527** (3)	
Fuse	2.5A	61542			
Fuseholder	Buss #HTB-481	60241			
Sensor	Temperature, duct probe, J/C #TE-631-1P-1	171135			
	Outdoor temperature, J/C #TE-631-3P-1	171137			
Setpoint selector	Remote, J/C #TE-6411S-2010	175646			
Toggle switch	SPDT, 2 × 4 box	39733 (2)			
Interface module	DDC damper, H/W #Q7230A	171134	—	171134	—
	DDC gas control (see **Figure 8**)	134170		—	—
Cover	Box	171739			

*Quantity is one (1) unless otherwise indicated.

**PN 263527 is a replacement kit.

REPLACEMENT PILOT COMPONENTS

NOTES:

- **Components provide in pilot replacement kits are shown in Figure 9 and listed in Table 15.**
- **Items 5 and 6 are included in the replacement kits, which are used for several models of heaters, but they are not required for pilot replacement for the heaters covered in this manual.**

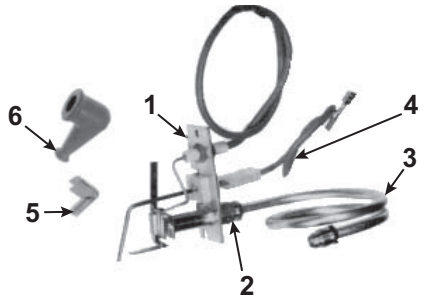


Figure 9. Pilot Replacement Kit Components

Table 15. Pilot Replacement Kit Components

Item No.	Component	Description	Natural Gas	Propane
			PN	
—	Option package	Replacement kit	110861	110862
1	Pilot (less pilot tubing and flame sensor lead)	Includes orifice, high tension lead, flame probe	61145	61146
2	Pilot orifice	7221	63088	—
		4209	—	37801
3	Pilot tubing	22 inches long	5145	
3A	Nut	Includes two (2) breakaway ferrules	9664	
4	Sensor lead	9 inches long	44675	
5	Connector	Crimp-on, 90-degree Rajah terminal	112647	
6	Boot protector	Terminal, 90-degree	112648	

FLUE/VENTER/COLLECTION BOX COMPONENTS

NOTES:

- **Flue box components for RG models are shown in Figure 10 and listed in Table 16 and Table 17. Quantites listed are per furnace section. The same parts are used in RG duct furnaces in packaged RGB and RGBL models.**
- **Venter box components for PGBL models are shown in Figure 11 and listed in Table 18.**
- **Collection box components for RP models are shown in Figure 12 and listed in Table 19 and Table 20. Quantities listed are per furnace section. The same parts are used in RP duct furnaces in packaged HRPD, RPB, RPBL, and RPDBL models.**

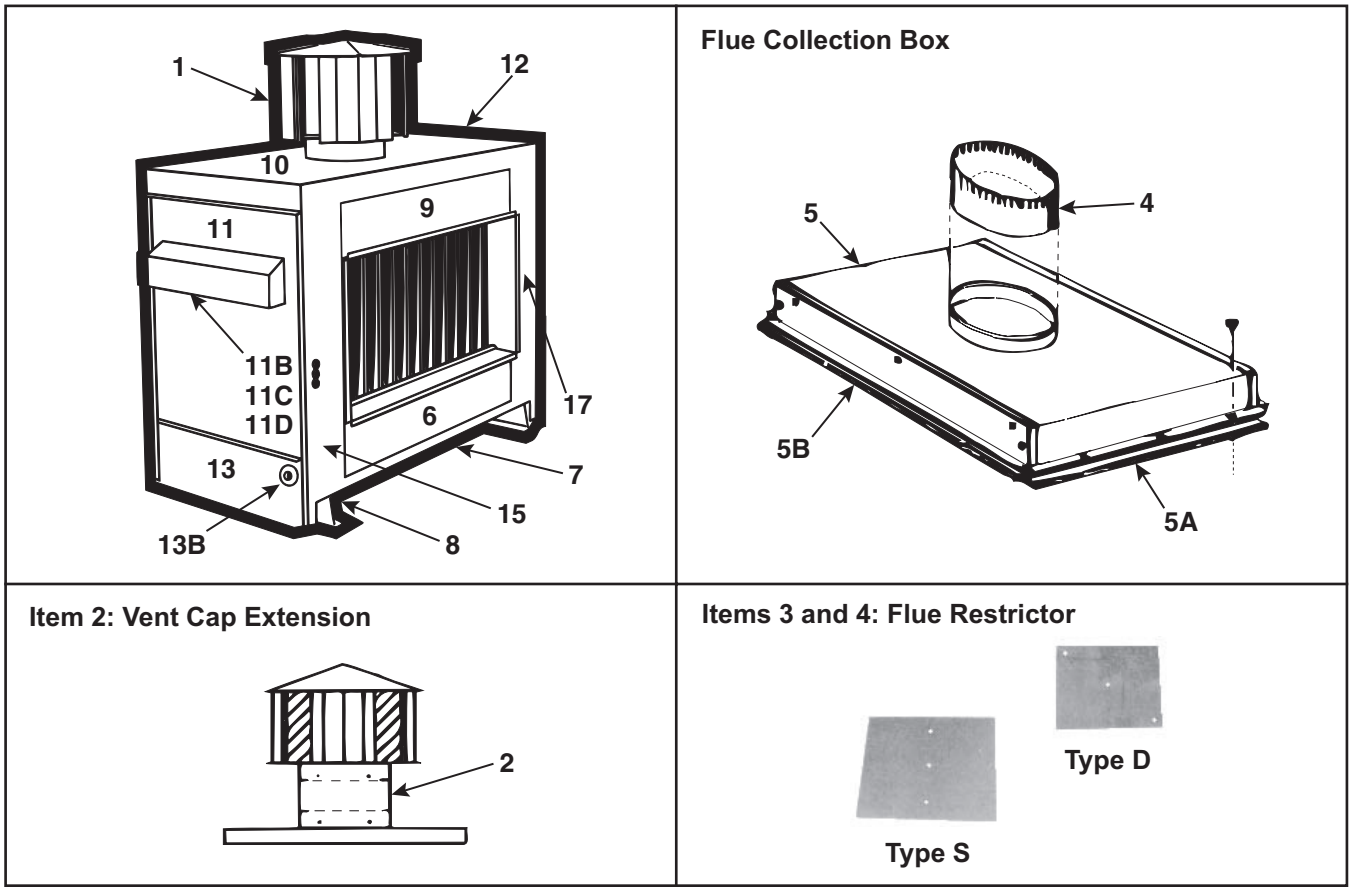


Figure 10. RG Model Flue Box Components (Refer to Table 16)

Table 16. Flue Box Components for RG Models

Item No.	Component	Description	—							Unit Size (RGBL Models)			
										500	600	700, 1050	400, 800, 1200
			Unit Size (RG and RGB Models)										
			075	100	125	150	175	200	225	250	300	350	400
			PN (Quantity)*										
1	Vent cap	Assembly	—		—			—		—	61875	—	
		6-inch	110053		—			—		—		—	
		8-inch	—		61857			—		—		—	
		10-inch	—		—			61866			—	—	
		10-inch, model CRG300 only	—		—			—		—	61866	—	
		12-inch	—		—			—		—		61875	
2	Extension	Vent cap (option ZZ)	Refer to Table 17										
3	Flue restrictor, Z-baffle**	RG, HRG series 8†	136743	136744	136745	136746	86493	89212	15596	86454	136747	86495	86495
		All CRG and HCRG models	86496	89211	15584	—	86485	—	86488	89212	86497	86498	89213
4	Flue restrictor**	RG, HRG series 8†	136738	136739	86440	136740	136741	86493	136742	86493	86454	—	—
		All CRG and HCRG models	86492	86479	89205	—	89206	—	89208	89209	89210	86488	86490
5	Flue collection box assembly	All RG and HRG models	136749	136750	86437	136751	136752	136753	136754	136755	136756	136757	86470
		All CRG and HCRG models	86476	86478	86480	—	86482	—	89207	86484	86486	86487	86489
5A	Gasket strip	Collection box side	62933 (2)		62933 (2)			62933 (2)		62933 (2)		62933 (2)	
5B		Strip, collection box front/rear	62921 (2)		62922 (2)	62924 (2)		62926 (2)		62928 (2)		62930 (2)	62932 (2)
5C	Flue collar	Assembly	103786		103788			12014		12014	12015	12015	
6	Panel	Bottom front and rear	103644†† (2)		100037 (2)	100038 (2)		100039 (2)		100040 (2)		100041 (2)	100042 (2)
7	Bottom pan	Heater, aluminized	100000		100000	100001		100002		100003		100004	100005
		Heater, 409 SST	104925	104926	104925	104926		104927		104928		104929	104930
8	Mounting rail	Heater	100126 (2)		100126 (2)			100126 (2)		100126 (2)		100126 (2)	
9	Panel	Top front and rear	103645†† (2)		100030 (2)	100031 (2)		100032 (2)		100033 (2)		100034 (2)	100035 (2)
10	Casing top	Assembly, includes insulation	103652		103653	103654		103655		103656	103657	103658	103659
		Model CRG300 only	—		—			—		—	103656	—	
11	Heater upper left side panel	Assembly	103646		103646	103647		103647		103647		103647	
11A		Panel	100116		100116			100116		100116		100116	
11B		Combustion air inlet screen	—		—	148396		148396		148396		148396	
11C		Combustion air inlet shield	110697		110697			110697		110697		110697	
11D		Combustion air inlet angle	12649		12649	10850		10850		10850		10850	
12	Heater right side panel	Assembly	103648		103648	103649		103649		103649		103649	
12A		Panel	100111		100111			100111		100111		100111	
12B		Combustion air inlet screen	—		—	148396		148396		148396		148396	
12C		Handle	100112		100112			100112		100112		100112	
13	Heater bottom left side panel	Assembly, natural gas	100298		100298			100298		100298	100299	100299	
		Assembly, propane	100298		100298			100298		100298		100298	
13A		Panel	100125		100125			100125		100125		100125	
13B		Vinyl grommet, natural gas	102607		102607			102607		102607	15021	15021	
		Vinyl grommet, propane	102607		102607			102607		102607		102607	
14	Heater leg	Left rear	100009		100013			100013		100013		100013	
15		Left front	100007		100011			100011		100011		100011	
16		Right rear	100008		100012			100012		100012		100012	
17		Right front	100006		100010			100010		100010		100010	
18	Baffle		10921		10921			10921		10921		10921	
19	Brace	Top seal	100162 (2)		100163 (2)	100164 (2)		100165 (2)		100166 (2)		100167 (2)	100168 (2)
20	Angle	Hanger	11012 (2)		11012 (2)			11012 (2)		11012 (2)		11012 (2)	
21	Filler	Top	Refer to Table 17										
22		Side											
23	Duct connector	Top and bottom											
24		Side											
25	Duct sealant	3M 900 Fast Bond, gray	100117		100117			100117		100117		100117	

*Quantity is one (1) unless otherwise indicated.

**Refer to Table 17 for specifications.

†Replacement parts for RG and HRG models manufactured ***before*** MAY 1995, when series 8 was introduced, are no longer available.

††Includes insulation.

Table 17. Flue Box Component Specifications for RG Models

Model	Item No.*	Unit Size	Series	Component	Height (Inches)	PN
RG, HRG	2	300, 350, 400	Series 8 and ***before***	Vent cap extension	12**	20524
CRG, HCRG		350				
		400	Series 8			

Model	Item No.*	Component	Size (Inches)	Type	PN	Size	Type	PN
All	3, 4	Flue restrictor	6-7/16 × 6-7/16	S	15584	6-3/8 × 6-3/8	D	89209
			5-5/8 × 5-5/8	D	86440	3 × 7-1/2	S	89210
			7 × 7	D	86454	4-3/4 × 4-7/16	S	89211
			1-3/4 × 5-3/4	S	86479	7-3/4 × 7-3/4	D	89212
			6-1/4 × 6-1/4	D	86485	8-5/8 × 8-5/8	S	89213
			8 × 8	S	86488	3-3/8 × 3-3/8	D	136738
			4-7/8 × 11-3/4	S	86490	5 × 1-1/2	S	136739
			4-1/4 × 4-1/4	S	86492	5-1/8 × 5-1/8	D	136740
			6 × 6	D	86493	4-13/16 × 4-13/16	D	136741
			8-1/2 × 8-1/2	S	86495	4-1/2 × 4-1/2	D	136742
			4-3/4 × 4-3/4	S	86496	4-5/8 × 4-5/8	D	136743
			7-3/8 × 7-3/8	D	86497	4-1/4 × 4-1/4	D	136744
			9 × 9	S	86498	6-3/8 × 6-3/8	D	136745
			5-3/4 × 5-3/4	D	89205	6-1/8 × 6-1/8	D	136746
			3-5/8 × 7-1/2	S	89206	9-1/8 × 9-1/8	D	136747
			6-7/8 × 6-7/8	D	89208			

Model	Item No.*	Component	Description	Unit Size				
				500, 600	700	800	1050	1200
				PN (Quantity)				
RGBL	21	Filler	Top	105631 (1)			105631 (2)	
	22		Side	105632 (2)			105632 (4)	
	23	Duct connector	Top and bottom	106338 (2)	106339 (2)	106340 (2)	106339 (2)	106340 (2)
	24		Side	106395 (2)			106395 (4)	

*Refer to Table 16.

On units manufactured ***before* series 8, the height was 7-1/4 inches. This part is no longer available.

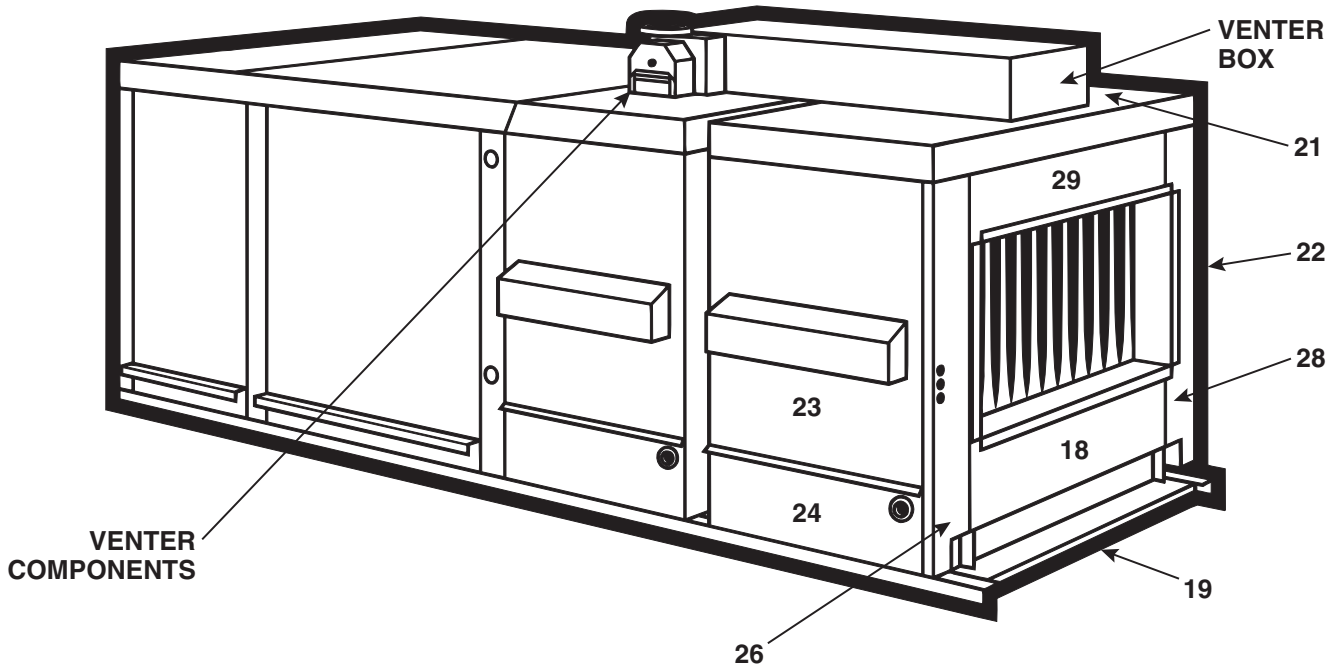
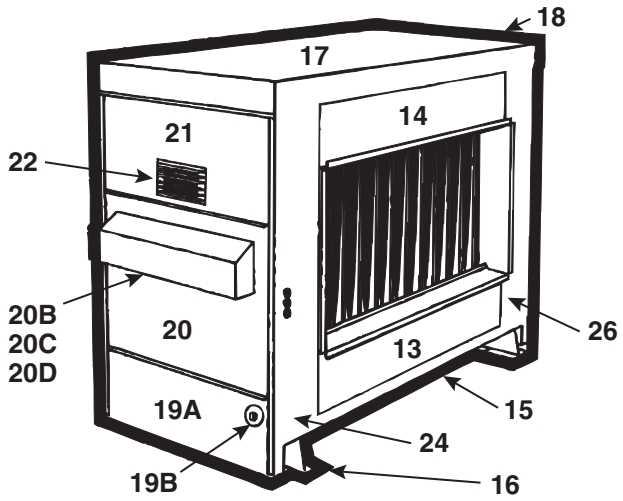


Figure 11. Model PGBL Venter Box Components (Refer to Table 18)

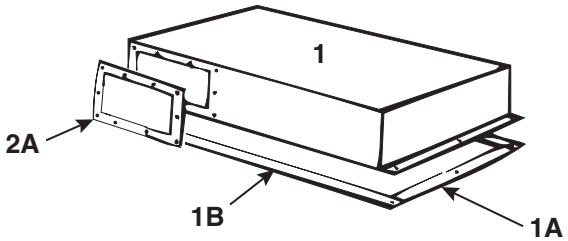
Table 18. Model PGBL Venter Box Components

Item No.	Component	Description	Unit Size		
			400	800	1200
			PN (Quantity)*		
1	Venter box	Bottom	150971	149851	149852
2	Cover	Venter box	149853	149854	149855
3	Cover end	Venter cover	150974	149856	149856
4	Gasket	Venter	—	149857	149857
5	Baffle	Venter	—	150973	150973
6	Probe	Flow sensing	151559		
7	Bracket	Sensor	123910		
8	Silicone tubing	9 inches, red	—	147905	147905
		17 inches, red	151564	—	—
9	Housing	Venter	151560	151343	151343
10	Venter motor	115V/1PH, Fasco #7162-1775	87434	—	—
		115V/1PH, AO Smith #199	—	16074	16074
		208V/1PH, Fasco #7162-0186	30249	—	—
		208V/1PH, AO Smith #199	—	16074	16074
		230V/1PH, Fasco #7162-0158	29571	—	—
		230V/1PH, AO Smith #199	—	16074	16074
		208V/3PH, Fasco #7162-0186	30249	—	—
		208V/3PH, Century #8-125439	—	16075	16075
		230V/3PH, Fasco #7162-0158	29571	—	—
		230V/3PH, Century #8-125439	—	16075	16075
		460V/3PH, Fasco #7162-1775	87434	—	—
		460V/3PH, Century #8-125439	—	16075	16075
		575V/3PH, Fasco #7162-1775	87434	—	—
		575V/3PH, A. O. Smith #199	—	16074	16074
11	Capacitor	Aerovox #2857-MF-B	163894		
12	Venter wheel	1-5/16-inch, Torrington #AA408228	29792	—	—
		Torrington #AA729-419-7-29/32-4-17/32	—	8735	8735
13	Fan	Venter	29793		
14	Junction box	Venter	29595		
15	Cover	Junction box	29596		
16	Flue collection box	Assembly, interior	149859	149859 (2)	149859 (3)
17	Flue collar	Assembly, interior	150326	150326 (2)	150326 (3)
18	Panel	Bottom front and rear	100042 (2)	100042 (4)	100042 (6)
19	Bottom pan	Furnace, aluminized	100005	100005 (2)	100005 (3)
		Furnace, 409 SST	104930	104930 (2)	104930 (2)
20	Mounting rail	Heater	100126 (2)	100126 (4)	100126 (6)
21	Casing top	Assembly, includes insulation	100050	100050 (2)	100050 (3)
22	Heater right side panel	Assembly	103649	103649 (2)	103649 (3)
22A		Panel	100111	100111 (2)	100111 (3)
22B		Handle	100112	100112 (2)	100112 (3)
23	Heater left side panel	Assembly	103647	103647 (2)	103647 (3)
23A		Panel	100116	100116 (2)	100116 (3)
23B		Combustion air inlet screen	148396	148396 (2)	148396 (3)
23C		Combustion air inlet shield	110697	110697 (2)	110697 (3)
23D		Combustion air inlet angle	10850	10850 (2)	10850 (3)
24	Panel	Bottom left side	100299	100299 (2)	100299 (3)
25	Heater leg	Left rear	100013	100013 (2)	100013 (3)
26		Left front	100011	100011 (2)	100011 (3)
27		Right rear	100012	100012 (2)	100012 (3)
28		Right front	100010	100010 (2)	100010 (3)
29	Panel	Top, front/rear	100035 (2)	100035 (4)	100035 (6)
30	Baffle		10921	10921 (2)	10921 (3)
31	Brace	Top seal	100168 (2)	100168 (4)	100168 (6)
32	Connector	Top/bottom	—	106340 (2)	106340 (4)
33		Side	—	106395 (2)	106395 (4)

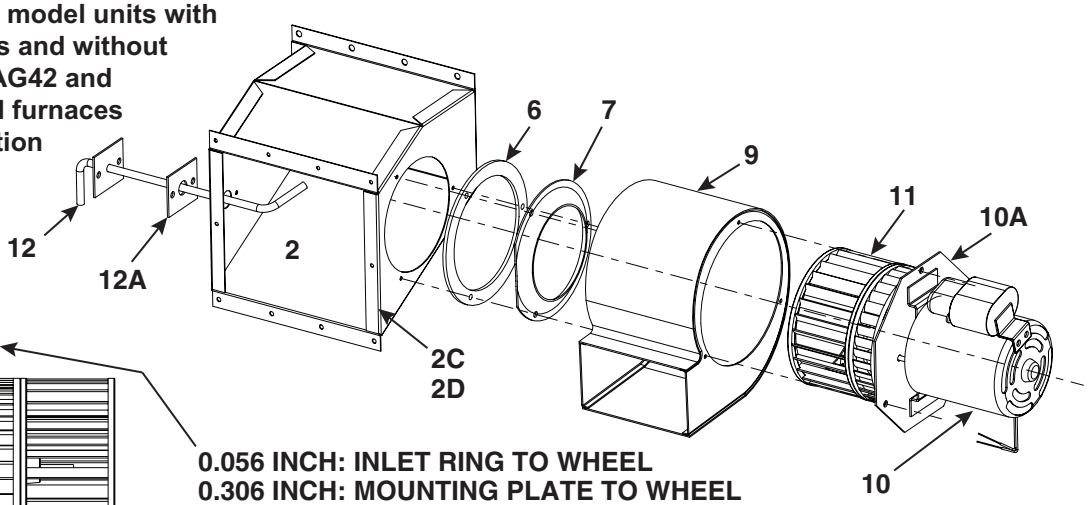
*Quantity is one (1) unless otherwise indicated.

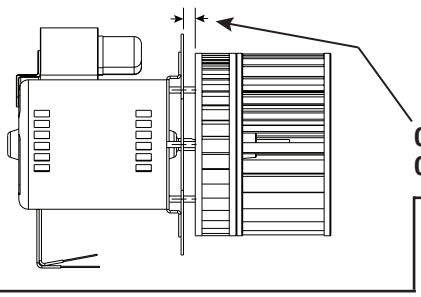


Flue Collection Box (RP and RPB model units with single furnace and without option AG39 or AG40 and HRPD and RPBL model units with multiple furnaces and without option AG41 or AG42 and second and third furnaces on units with option AG41 or AG42)

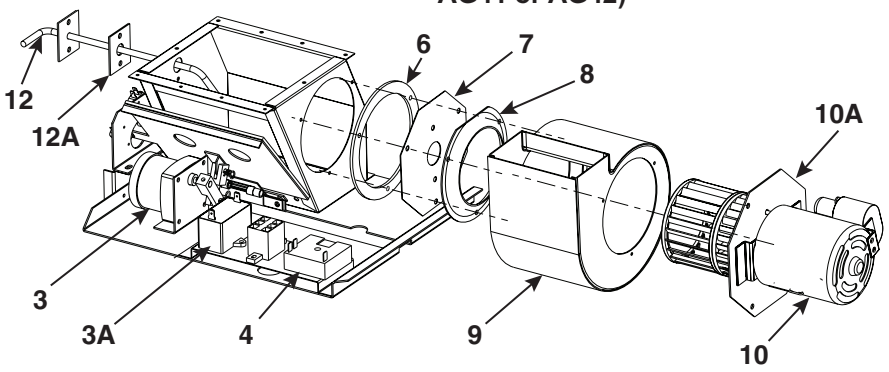


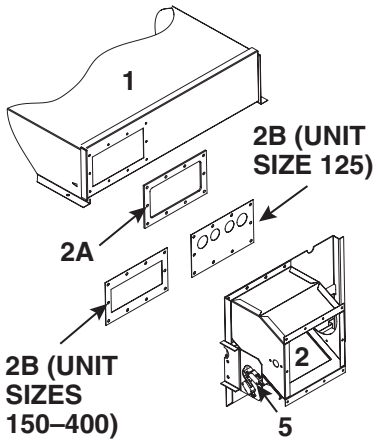
Venter Assembly (RP and RPB model units with single furnace and without option AG39 or AG40 and HRPD and RPBL model units with multiple furnaces and without option AG41 or AG42 and second and third furnaces on units with option AG41 or AG42)





Flue Duct and Venter Assembly with Gear Motor (RP and RPB model units with single furnace and with option AG39 or AG40 and HRPD and RPBL model units with multiple furnaces and with option AG41 or AG42)





NOTE: Parts shown here apply to the first furnace section only.

Figure 12. RP Model Collection Box Components (Refer to Table 19)

Table 19. Collection Box Components for RP Models

Item No.	Component	Description*	Unit Size (RPBL Models)							
			—				500	600	700, 1050	400, 800, 1200
			Unit Size (RPDBL Models)							
			—				1000	1200	1400	800, 1600
			Unit Size (HRPD Models)							
			250	300	350	400	500	600	700	800
			Unit Size ((C)(H)(HC)RP(B) Models)							
			125	150	175	200 / 225	250	300	350	400
			PN (Quantity Per Furnace Section)**							
1	Flue collection box assembly	RP and HRP models (***before*** to series 8)	92794	92795		92796	92797		92798	88348
		RP, HRP series 8	88353	88357		136748	88359		92798	88348
		All CRP and HCRP models	88353	—	88357	—	88359		—	88348
1A	Gasket strip	Collection box side	62933 (2)			62933 (2)	62933 (2)		62933 (2)	
1B		Collection box front and rear	62922 (2)	62924 (2)		62926 (2)	62928 (2)		62930 (2)	62932 (2)
2	Flue duct†	Assembly	68375			68375	68375		68375	
2A	Gasket	Flue duct	31900			31900	31900		31900	
2B	Restrictor††	Flue duct	174817	175783		175788	175789	175790	—	
2C	Cover plate	Flue duct	41995			41995	41995		41995	
2D	Gasket	Flue duct cover plate	41996			41996	41996		41996	
3	Motor††	Gear	206144			206144	206144		—	206144
3A	Capacitor††	Gear motor, 15µF	206145			206145	206145		—	206145
3B	Replacement kit††	Gear motor (to replace solenoid valve)	208474			208474	208474		—	208475
3C	Replacement solenoid actuator††	460V, replaces PN 174847								
		208/230V, replaces PN 174846								
		115V, replaces 174814								
4	Relay††	Time delay	262337 (2)			262337 (2)	262337 (2)		—	262337 (2)
4A	Replacement kit	Replaces relay #THD7211OSA (PN 206146)	262375			262375	262375		—	262375
5	Safety end switch	All units with option AG39, AG40, AG41, or AG42	174812 (2)			174812 (2)	174812 (2)		—	174812 (2)
6	Gasket	Venter	44695			44695	44695		44695	
7	Venter restrictor	RP and HRP models	43254	43255	43256	43257 / 43258	43259	43260	43261	—
		CRP and HCRP models	88506	—	68382	—	68386	88507	—	88508
		All units with option AG39, AG40, AG41, or AG42	68388	68386	68390	43260 / 175787	43260	—	—	—
8	Inlet ring		—			—	—	62594	—	62594
9	Housing	Venter	92778			92778	92778		92778	92792
10	Venter motor and capacitor assembly‡	115V and 575V, replaces PN 131410	163891			163891	163891		163891	
		208V, replaces PN 131415	163892			163892	163892		163892	
		230V, replaces PN 131415								
		460V, replaces PN 165986	163893			163893	163893		163893	
10A	Venter motor mounting plate or inlet ring‡	RP and HRP models	131445			131445	131445		131445	131448
		CRP and HCRP models								131446

*If a special application is not listed, the part applies to all RP model units.

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

†Used on all units ***except*** for those with option AG39 or AG40 or first furnace of units with option AG39 or AG40.

††Used on units with option AG39 or AG40 or first furnace of units with option AG39 or AG40 manufactured ***after*** OCT 2003.

‡Used on units manufactured ***after*** JUN 1994. Do not order motor or motor mounting plate. For units manufactured ***before*** JUL 1994, replace the venter motor with a replacement kit (item 10B) that includes a new motor mounting plate.

Table 19. Collection Box Components for RP Models—Continued

Item No.	Component	Description*	Unit Size (RPBL Models)							
			—				500	600	700, 1050	400, 800, 1200
			Unit Size (RPDBL Models)							
			—				1000	1200	1400	800, 1600
			Unit Size (HRPD Models)							
			250	300	350	400	500	600	700	800
			Unit Size ((C)(H)(HC)RP(B) Models)							
			125	150	175	200 / 225	250	300	350	400
			PN (Quantity Per Furnace Section)**							
10B	Venter motor replacement kit (for units manufactured ***before*** JUL 1994)	115V	132377			132377	132377		132377	
		208V or 230V	132378			132378	132378		132378	
		460V	132379			132379	132379		132379	
		575V	132377			132377	132377		132377	
11	Wheel	Venter	43425			43425	43425		43425	43814
12	Tube	Sensing	175800			175800	175800		175800	
12A	Spacer	Sensing tube	73906			73906	73906		73906	
13	Panel‡‡	Bottom front and rear	100272 (2)		100273 (2)	100039 (2)	100040 (2)		100041 (2)	100042 (2)
14		Top front and rear	100295 (2)	100296 (2)		100032 (2)	100033 (2)		100034 (2)	100035 (2)
15	Bottom pan	Heater, aluminized	100000	100001		100002	100003		100004	100005
		Heater, 409 SST	104925	104926		104927	104928		104929	104930
16	Mounting rail	Heater	100126 (2)			100126 (2)	100126 (2)		100126 (2)	
17	Casing top	Assembly, includes insulation	100288	100289		100290	100291		100292	100293
18	Heater right side panel	Assembly	100294			100294	100294		100294	
18A		Panel	100118			100118	100118		100118	
18B		Handle	100112			100112	100112		100112	
19	Heater bottom left side panel	Assembly, natural gas	100298			100298	100298	100299	100299	
		Assembly, propane	100298			100298	100298		100298	
19A		Panel	100125			100125	100125		100125	
19B		Vinyl grommet, 1/2-inch	102607			102607	102607	—	—	
		Vinyl grommet, 3/4-inch	—			—	—	15021	15021	
20	Heater center left side panel	Assembly	103660	100318		100318	100318		100318	
20A		Panel	100297			100297	100297		100297	
20B		Combustion air inlet screen	148396			148396	148396		148396	
20C		Combustion air inlet shield	110697			110697	110697		110697	
20D		Combustion air inlet angle	12649	10850		10850	10850		10850	
21	Panel	Heater top left side	100115			100115	100115		100115	
22	Grill	Assembly	41992			41992	41992		41992	
23	Heater leg	Left rear	100013			100013	100013		100013	
24		Left front	100011			100011	100011		100011	
25		Right rear	100012			100012	100012		100012	
26		Right front	100010			100010	100010		100010	
27	Angle	Hanger	11012 (2)			11012 (2)	11012 (2)		11012 (2)	
28	Top seal	Brace	100163 (2)	100164 (2)		100165 (2)	100166 (2)		100167 (2)	100168 (2)
29	Duct sealant	3M 900 Fast Bond, gray	100117			100117	100117		100117	

*If a special application is not listed, the part applies to all RP model units.

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

‡‡Unit sizes 125–175 include insulation.

Table 20. Cabinet Connector and Filler Parts for Multiple-Furnace Units (HRPD and RPBL Models)									
Component	Description	Unit Size (HRPD Models)							
		250	300, 350	400	500, 600	700	800	—	
		Unit Size (RPBL Models)							
		—		400	500, 600	700	800	1050	1200
		PN (Quantity)							
Filler	Top	111092 (1)	111093 (1)	111094 (1)	105629 (1)	105630 (1)	105631 (1)	105630 (2)	105631 (2)
	Side	105632 (2)		105632 (2)			105632 (4)	105632 (4)	
Gasket		103605 (2)	103606 (2)	103607 (2)	103608 (2)	103609 (2)	103610 (2)	103609 (4)	103610 (4)
Duct connector	Top and bottom	107427 (2)	107428 (2)	107429 (2)	106338 (2)			106338 (2)	
	Side	106395 (2)		106395 (2)				106395 (4)	

VERTICAL VENT KIT

NOTES:

- **The vertical vent kit (PN 45021), which is the same as option CC3, is shown in Figure 13.**
- **Support angles and all piping are field supplied.**
- **One kit for each furance section.**

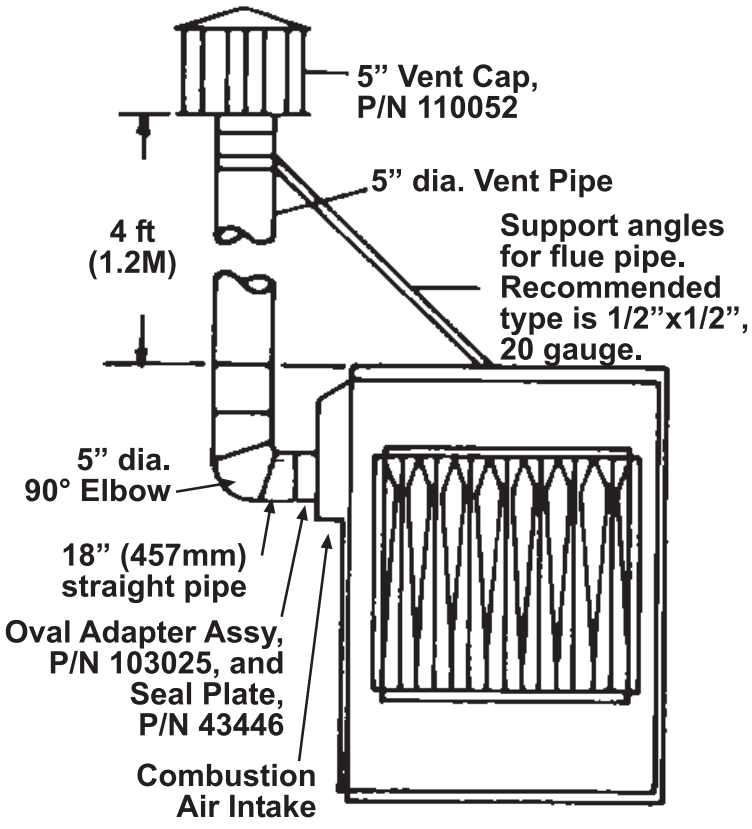


Figure 13. Vertical Vent Kit

HEAT EXCHANGER COMPONENTS

NOTES:

- **Units have one heat exchanger (see Figure 14, DETAIL A) per furnace section.**
- **When replacing a heat exchanger, check to see if the baffle assembly can be salvaged. If the baffle assembly cannot be salvaged, it will be necessary to order the parts (items 5–9) in the quantities listed and assemble and install replacement baffles.**
- **Models CRG, CRGB, CRP, CRPB, RG, RGB, RP, and RPB are equipped with a directional air baffle assembly (see Figure 14, DETAIL B). Model RPB units manufactured *after* DEC 2011 are built with or without these heat exchanger baffles depending on the CFM of the original order.**
- **Models HRG, HCRG, HRP, HCRP, HRGB, HCRGB, HRPB, and HCRPB and the discharge furnace only on models HRPD, RGBL, CRGBL, RPBL, and CRPBL (see Figure 14, DETAIL C) are equipped with only a rear top baffle (item 8) and a rear top baffle support (item 8A). If these parts cannot be salvaged, order and install replacements. These parts are not installed in the replacement heat exchanger at the factory. They must be ordered separately and installed in the field.**
- **Refer to Table 2 for models that are no longer manufactured. As of SEP 2011, HRP models are no longer available.**
- **Heat exchanger components are listed in Table 21.**

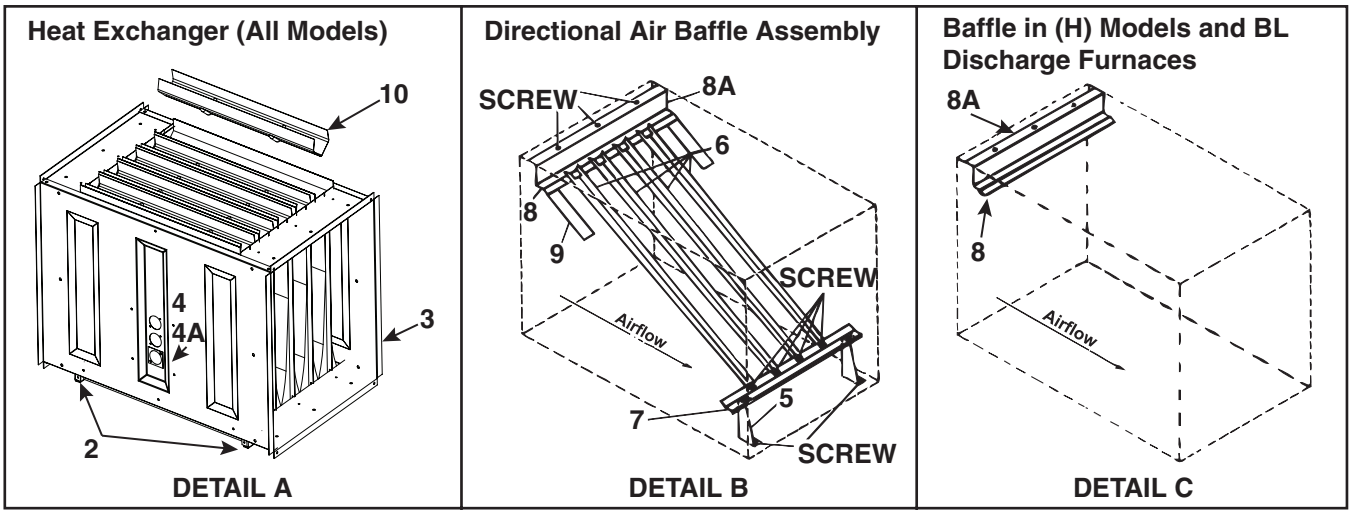


Figure 14. Heat Exchanger Components (Refer to Table 21)

Table 21. Heat Exchanger Components									
Item No.	Component	Description	Unit Size (PGBL, RGBL, and RPBL Models)						
			—				500, 600	700, 1050	400, 800, 1200
			Unit Size (RPDBL Models)						
			—				1000, 1200	1400	800, 1600
			Unit Size (HRPD Models)						
			—	250	300, 350	400	500, 600	700	800
			Unit Size ((C)(H)(HC)RG/RP(B) Models)						
			075, 100	125	150, 175	200, 225	250, 300	350	400
			PN (Quantity Per Furnace Section)*						
1	Heat exchanger	Aluminized steel	44301	44304	44307	44310	44313	44316	44319
		409 stainless steel	44302	44305	44308	44311	44314	44317	44320
2	Slide rail	Burner rack	9897 (2)	9857 (2)	9819 (2)	9781 (2)	9745 (2)	9709 (2)	9517 (2)
3	Back brace	Burner rack	9525						
4	Patch plate	Fan and limit control	9814 (2)						
4A	Gasket	Patch plate	17083 (2)						
5	Support bracket	RG, CRG, RP, CRP, and (B) models only	55101 (2)	55101 (2)	55101 (2)	55101 (2)	55101 (4)	55101 (4)	55101 (4)
6	Finger baffle		45399 (3)	45399 (4)	45399 (6)	45399 (8)	45399 (11)	45399 (13)	45399 (15)
7	Bottom baffle support		46478	46484	46489	46494	46499	46504	46509
8	Baffle	Rear top	55116	55117	55119	55121	55123	55125	55127
8A	Baffle support		55103	55104	55106	55108	55110	55112	55114
9	Side finger baffle	RG, CRG, RP, CRP, and (B) models only	55128 (2)						
10	Tube baffle**	V-baffle	85727 (4)	85727 (5)	85727 (7)	85727 (9)	85727 (12)	85727 (14)	85727 (16)
11	High-CFM conversion kit	RP models only	263308						
*Quantity is one (1) unless otherwise indicated.									
Used on (C) models only for units manufactured ***before* series 8. Used on all models for units manufactured ***after*** series 8.									

BURNER COMPONENTS

NOTES:

- **All models have one burner rack assembly (see Figure 15) per furnace section.**
- **Individual burner components are shown in Figure 15 and listed in Table 22.**
- **Burner orifice sizes are listed in Table 23.**

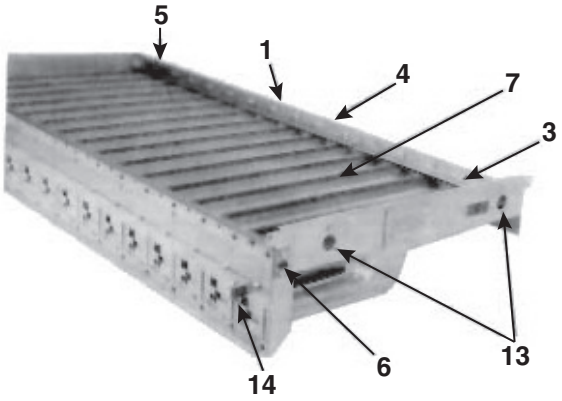


Figure 15. Burner Rack Assembly (Refer to Table 22)

BURNER COMPONENTS—CONTINUED

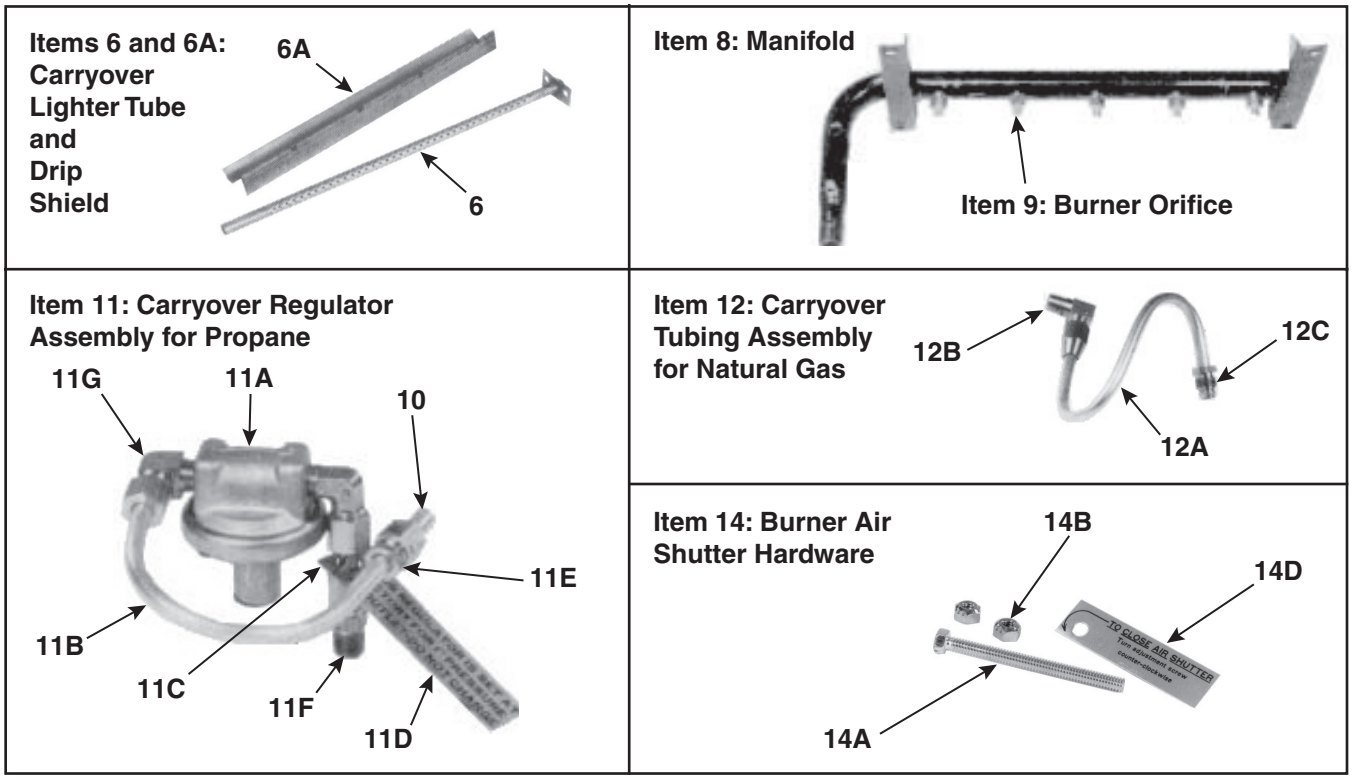


Figure 16. Burner Rack Components (Refer to Table 22)

Table 22. Burner Components

Item No.	Component	Description	Unit Size (PGBL, RGBL, and RPBL Models)										
			—							500	600	700, 1050	400, 800, 1200
			Unit Size (RPDBL Models)										
			—							1000	1200	1400	800, 1600
			Unit Size (HRPD Models)										
			—		250	300	350	400		500	600	700	800
			Unit Size ((C)(H)(HC)RG/RP(B) Models)										
			075	100	125	150	175	200	225	250	300	350	400
			PN (Quantity)*										
1	Burner rack with carryovers and air shutters	Aluminum	65972		65973	65974		65975		65976	65977		65978
		SST	65980		65981	65982		65983		65984	65985		65986
	Burner rack with carryovers	Replacement, stainless steel, for RP units with gas control option AG39, AG40, AG41, or AG42	—		92813	92814		92815		92816	—		92818
2	Flash carryover	One-piece	63128		63131		63138	—		—	—		
3		Right section	—		—	—		63148		63141	63148		63152
4		Center section	—		—	—		—		63156	68071		
5		Left section	—		—	—		63144					
6	Lighter tube	Carryover	9899		9859	9821		9783		9747	9711		9520
6A	Drip shield	Carryover lighter tube	15015		15014	15013		15012		15011	15010		14957
7	Burner tube	Main, aluminized	85218 (4)		85218 (5)	85218 (7)		85218 (9)		85218 (12)	85218 (14)		85218 (16)
		Main burner, SST	87954 (4)		87954 (5)	87954 (7)		87954 (9)		87954 (12)	87954 (14)		87954 (16)
8	Manifold	Without orifices	86338		86339	86340		86342		86343	86344		86345

*Quantity is one (1) unless otherwise indicated.

Table 22. Burner Components—Continued

Item No.	Component	Description	Unit Size (PGBL, RGBL, and RPBL Models)										
			—							500	600	700, 1050	400, 800, 1200
			Unit Size (RPDBL Models)										
			—							1000	1200	1400	800, 1600
			Unit Size (HRPD Models)										
			—		250	300	350	400		500	600	700	800
			Unit Size ((C)(H)(HC)RG/RP(B) Models)										
			075	100	125	150	175	200	225	250	300	350	400
			PN (Quantity)*										
9	Burner orifice†	(H)RG and PGBL, natural gas	38678	11792	11792	11828	11792	11828	11792	11833	11792	11792	
		(H)RG and PGBL, propane	63003	61652	61652	11830	61652	11830	61652	11830	61652	61652	
		(H)CRG, natural gas	38678	11828	11828	—	11828	—	11828	38678	11828	11828	
		(H)CRG, propane	63003	11830	11830		11830	11830	11830	63003	11830	11830	
		(H)RP, natural gas	—		84437	11833	84437	11828	84437	11833	84437	84437	
		(H)RP, propane			61652	11830	61652	11830	61652	11830	61652	61652	
		(H)CRP, natural gas‡	—		11828	—	11828	—		38678	11828	—	11828
		(H)CRP, propane‡			11830		11830			63003	11830		11830
10	Carryover orifice†	(H)RG, natural gas	9870		9870	9680		10370		10370		9792	
		(H)RG, propane						9680				9791	
		(H)CRG, natural gas	9870		9870	—	9680	—	10370	10370		9792	
		(H)CRG, propane							9680			9791	
		(H)RP, natural gas	—		9870	9680		9680		10370		38274	9791
		(H)RP, propane											
		(H)RP, natural gas, units with option AG39, AG40, AG41, or AG42										—	
		(H)CRP, natural gas‡	—		9870	—	9680	—		10370		—	9791
		(H)CRP, propane‡											
11	Carryover regulator	Assembly, propane	100712										
11A	Carryover regulator	Propane units or natural gas units with option AG39, AG40, AG41, or AG42, Maxitrol #RV-12,	11294										
11B	Carryover regulator tubing	1/4 x 5-1/2 inches	9681										
11C		1/4 x 1-1/4 inches	11892										
11D	Tag	Carryover regulator	11935										
11E	Compression fitting		9664										
11F	Fitting	Regulator to manifold	1436										
11G	Elbow	90-degree, brass	18224 (2)										
12	Carryover tubing	Assembly, natural gas	—										
12A	Tubing		93389										
12B	Elbow	Brass	93388										
12C	Fitting	Compression	9664										
13	Sight glass	Burner rack	10756 (2)										
14	Hardware	Burner air shutter	—										
14A	Adjustment screw	1/4-20 × 2-1/2	10653										
14B	Nut	Adjustment screw, 1/4-20	10650 (2)										
14C	Tinnerman nut	Shutter slide, 1/4-20	10651										
14D	Instruction tag	Shutter adjustment	11934										

*Quantity is one (1) unless otherwise indicated.

†Refer to **Table 23** for orifice size.

‡Units manufactured ***before*** series 8.

Table 23. Orifice Size

Type	PN (Drill Size)							
Burner	11792 (41)	84437 (42)	11828 (43)	11833 (44)	38678 (45)	11830 (55)	63003 (1.20 mm)	61652 (1.45 mm)
Carryover	9792 (54)	9791 (56)	38274 (57)	10370 (59)	9680 (65)		9870 (70)	

MANUAL GAS VALVES

NOTES:

- **Manual gas valves are shown in Figure 17 and listed in Table 24.**
- **For further information on gas valves, refer to form P-VALVES listed in Table 1. Electric gas valves are identified from the heater serial No. (refer to SERIAL NUMBERS section).**

Pilot Shutoff Valve	Gas Valve	Shutoff Valve	Ball Valve Adapter
			

Figure 17. Manual Gas Valves (Refer to Table 24)

Table 24. Manual Gas Valves

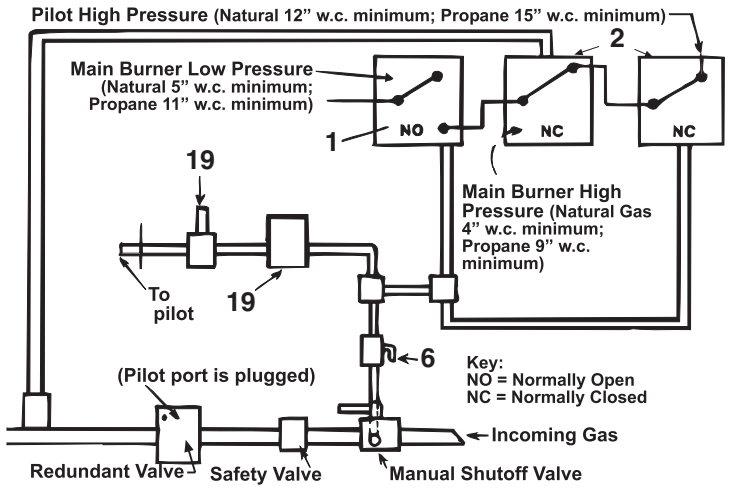
Item No.	Component	Description	PN
1	Pilot valve	Shutoff	3284
2	Gas valve	125 PSIG, 1-inch	159725
		125 PSIG, 1-1/4-inch	159729
3	Shutoff valve	Aluminum, 1/2-inch, with union (PN 15971)	196910
		Aluminum, 3/4-inch, with union (PN 15972)	196911
4	Ball valve adapter	1-inch	110758
		1-1/4-inch	110759
		1/2-inch	120373
		3/4-inch	120169

SPECIAL MANIFOLD COMPONENTS

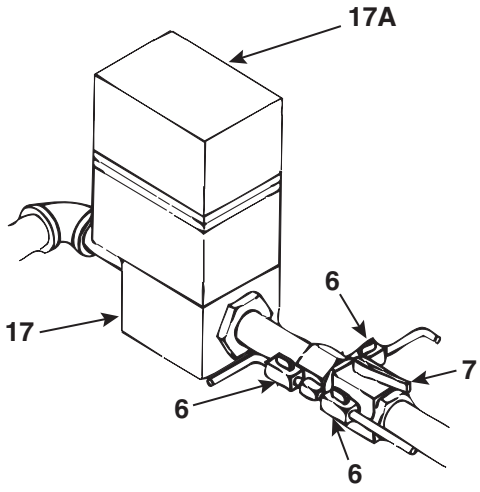
NOTES:

- **The Illinois School Code manifold (option BM12) is no longer required but was available on all unit sizes of RG, RP, RGB, RPB, RGB, RPBL, and PGBL models.**
- **The IRI manifold (option BM13) applies to models PGBL (unit size 1200) and RPBL (unit sizes 1050 and 1200) and was discontinued in SEP 2003.**
- **The FM manifold (option BM14) is available on models RPBL and (C)RGBL (unit sizes 500–1200) and model PGBL (unit size 1200).**
- **Electrical components for options BM12 and BM13 are listed in Table 9.**
- **Special manifold components are shown in Figure 18 and listed in Table 25.**

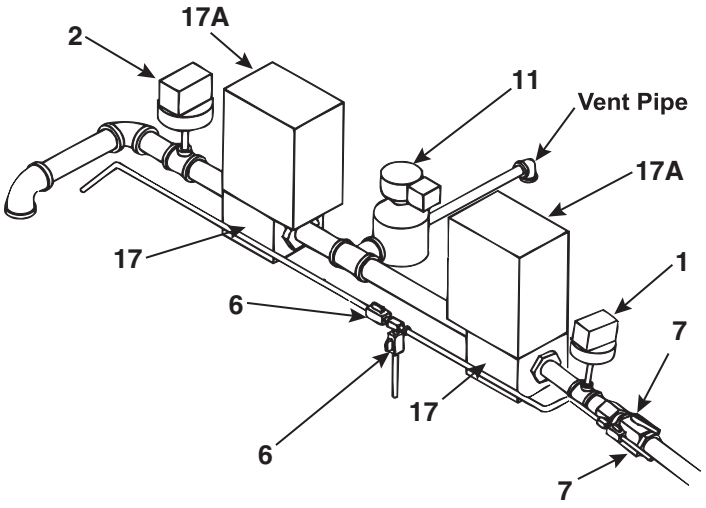
Illinois School Code Manifold (Option BM12)



FM Manifold (Option BM14)



IRI Manifold (Option BM13)



Item 16: Remote Console Assembly

Item 12: Pilot Valve Bracket

Items 8 and 9: Solenoid Valve

Item 11: Vent Solenoid Valve

Item 17: Fluid Power Valve

Item 17A: Actuator

Item 19: Pilot Regulator

Figure 18. Special Manifold Components (Refer to Table 25)

SPECIAL MANIFOLD COMPONENTS—CONTINUED

Table 25. Special Manifold Components

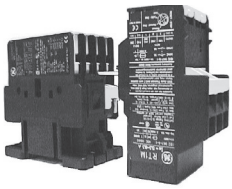
Item No.	Option	Component	Description	PN (Quantity)*
1	BM12, BM13	Pressure switch	Low natural gas pressure (listed in **Table 8**)	93849
			Low propane gas pressure (listed in **Table 8**)	149176
2			High gas pressure (listed in **Table 8**)	93850
3	BM12	Bracket	Pressure switch, three to seven (3–7) required	100261 (3–7)
4	BM12	Vent limiter	Maxitrol #A1209 (listed in **Table 8**)	123481
	BM13			123481 (2)
5	BM12	Gas valve	Manual, one (1) per furnace, refer to item 2 in **Table 24**	
6	BM12, BM13, BM14	Pilot shutoff valve	Manual, one (1) per furnace, refer to item 1 in **Table 24**)	
7	BM13, BM14	Shutoff valve	Manual, refer to item 3 in **Table 24**)	
7A		Adapter	Ball valve, refer to item 4 in **Table 24**)	
8	BM12	Solenoid valve	Safety, 3/4-inch, one (1) per furnace	88242
9	BM12, BM13, BM14		Pilot valve, 1/4-inch, one (1) per furnace	25787
10	—		1-inch	112922
11	BM13		Vent, G/C #S262	86996
12	BM12, BM14	Bracket	Pilot valve	100262
	BM13			100262 (2)
13	BM12	Relay replacement kit	SPDT	263527
14			SPST	263527
15	BM13		RBM	263527
16	BM12	Remote console	Assembly	—
16A		Box	Console	107010
16B		Push button switch	Alarm-silencing	110130
16C		Alarm bell	24V, Adaptable Edwards #340-465	110131
16D		Light	Indicator	101889
17	BM13	Valve	Fluid power, 1-1/4-inch, natural gas or propane, M/H #V5055A1012	89356 (2)
	BM14			89356
	—		1-inch, natural gas or propane, M/H #V5055A1004	86992
			2-inch, natural gas or propane, M/H #V5055A1038	91079
17A	BM13	Actuator	Fluid power valve, M/H #V4055A1007	86993 (2)
	BM14			86993
18	BM13	Transformer	230/460 to 115V, 0.5kVA	86997
	BM13		208 to 115V, 0.5kVA	86998
	BM13, BM14		208 to 115V, 250VA	86991
			230/460/575 to 115V, 300VA	105202
19	BM12, BM14	Pilot regulator	Maxitrol #R400S	86965
	BM13			86965 (3)
19A	BM12, BM13, BM14	Pilot regulator spring	1-9/16–2 inches long, 1.0–3.5 IN WC pressure range, brown, Maxitrol #R400B10-13	—
			1-9/16–2 inches long, 2.0–5.0 IN WC pressure range, cadmium plate, Maxitrol #R400B10-25	
			1-9/16–2 inches long, 3.0–6.0 IN WC pressure range, cadmium plate, Maxitrol #R400B10-36	
			1-9/16–2 inches long, 3.0–8.0 IN WC pressure range, pink, Maxitrol #R400B10-38	
20	BM13	Valve box	Top	110194
	BM14			110211
21	BM13, BM14		Inlet side	110195
22			Plain side	110196
23	BM13		Back	110197
	BM14			110212
24	BM13	Door	Top	110198
	BM14			110213
25	BM13		Bottom	110199
	BM14			110214

*Quantity is one (1) unless otherwise indicated.

REPLACEMENT BLOWER MOTORS, STARTERS, AND VARIABLE FREQUENCY DRIVES FOR UNITS MANUFACTURED *BEFORE* APR 2013

NOTES:

- **Variable frequency drives (option VFD) and their corresponding line reactors are shown in Figure 19 and listed in Table 26.**
- **Replacement motors are listed by type and horsepower for open-type motors, TEFC-type (totally-enclosed fan-cooled) motors, and EE-type (premium efficiency) motors. Highlighted motors in Table 27, Table 28, and Table 29 do not have internal overload protection and must be used with the motor starter and overload listed. Refer to the wiring diagram for applicable AL and AN or VFD option codes.**
- **For motors with internal overloads (refer to item 3 in Table 11), the standard motor contactor is PN 216386.**
- **Units with two-speed motors manufactured *after* AUG 1991, are equipped with IEC two-speed starters (contactors). When ordering a replacement IEC starter (refer to Table 30) or overload, check the manufacturer's number on both parts. If the number is different than that listed in Table 27, Table 28, and Table 29, both components must be replaced. The IEC starter and overload (see Figure 19) are mounted on a rail (PN 111387).**
- **Units with two-speed motors manufactured *before* SEP 1991, are equipped with NEMA starters. If replacing a NEMA starter with an IEC starter, refer to Table 31 to replace the complete starter. The original box and cover may be used for the replacement IEC starter.**
- **Replacement holding coils for units manufactured *before* APR 2013 are listed in Table 32.**



IEC Starter (Contactor)

IEC Adjustable Overload

Variable Frequency Drive (Option VFD) and Matching Line Reactor

Figure 19. IEC Starter and Overload and Variable Frequency Drive

Table 26. Variable Frequency Drives and Corresponding Line Reactors (Units Manufactured *Before* APR 2013)

Motor Horsepower	Drive and Line Reactor	V/PH/Hz									
		208/1/60 and 230/1/60		208/3/60 and 230/3/60			480/3/60			575/3/60	
		ODP	TEFC	ODP	TEFC	Prem	ODP	TEFC	Prem	ODP	TEFC	Prem
1/2	Drive	221600		221605		—	221612		—			
	Line reactor	221595		221598			221590					
3/4	Drive	—		221606		—	221613		—			
	Line reactor			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			Built-in		
3	Drive	221604		221610			221617			221856		
	Line reactor	221599		221597			221586			Built-in		
5	Drive	—		221611			221618			221857		
	Line reactor			221599			221587			Built-in		

REPLACEMENT BLOWER MOTORS, STARTERS, AND VARIABLE FREQUENCY DRIVES FOR UNITS MANUFACTURED *BEFORE* APR 2013—CONTINUED

Table 27. Open-Type Motors by Motor Option and Starter (Units Manufactured *Before* APR 2013)

HP	Option	Motor							Starter (Option AN10)		Starter Overload			
		MFR's Model	Full Load Amps (FLA)	Voltage/ Phase	Frame Size	Service Factor	Power Factor	PN	MFR's Model	PN	MFR's Model	Min Amps	Max Amps	PN
1/4	AL2	BF2024	4.6	120/1	48/56	1.35	—	210611	CL00A310T-J	151146	RTA1-L	4.00	6.30	151191
		BF2024	2.3	208/1	48/56	1.15	63	210611	CL00A310T-L	151150	RTA1-J	1.90	2.70	151189
		BF2024	2.3	240/1	48/56	1.15	63	210611	CL00A310T-S	151147	RTA1-J	1.90	2.70	151189
		M3003	1.1	208/3	K48	1.35	72	115864	CL00A310T-L	151150	RTA1-G	1.00	1.50	151187
		M3003	1.4	240/3	K48	1.35	72	115864	CL00A310T-S	151147	RTA1-G	1.00	1.50	151187
		M3003	0.75	480/3	K48	1.35	72	115864	CL00A310T-U	151148	RTA1-F	0.65	1.10	151186
1/3	AL3	BF2034	6.0	120/1	48/56	1.35	—	202091	CL00A310T-J	151146	RTA1-L	4.00	6.30	151191
		BF2034	3.0	208/1	48/56	1.35	62.8	202091	CL00A310T-L	151150	RTA1-K	2.50	4.10	151190
		BF2034	3.0	240/1	48/56	1.35	62.8	202091	CL00A310T-S	151147	RTA1-K	2.50	4.10	151190
		M3007	1.4	208/3	K48	1.35	—	115863	CL00A310T-L	151150	RTA1-G	1.00	1.50	151187
		M3007	1.6	240/3	K48	1.35	—	115863	CL00A310T-S	151147	RTA1-H	1.30	1.90	151188
		M3007	0.8	480/3	K48	1.35	—	115863	CL00A310T-U	151148	RTA1-F	0.65	1.10	151186
1/2	AL4	BF2054	8.8	120/1	56Z	1.15	—	102627	CL00A310T-J	151146	RTA1-N	8.00	12.00	151193
		BF2054	5.1	208/1	56Z	1.15	—	102627	CL00A310T-L	151150	RTA1-L	4.00	6.30	151191
		BF2054	4.4	240/1	56Z	1.15	—	102627	CL00A310T-S	151147	RTA1-L	4.00	6.30	151191
		H880	2.5	208/3	LA56	1.25	—	159183	CL00A310T-L	151150	RTA1-J	1.90	2.70	151189
		H880	3.0	240/3	LA56	1.25	—	159183	CL00A310T-S	151147	RTA1-K	2.50	4.10	151190
		H880	1.5	480/3	LA56	1.25	—	159183	CL00A310T-U	151148	RTA1-H	1.30	1.90	151188
		H991	0.9	575/3	H56	1.25	—	202089	CL00A310T-1	151275	RTA1-F	0.65	1.10	151186
3/4	AL5	C426V1	11.0	120/1	B56	—	—	93548	CL01A310T-J	151151	RTA1-P	10.00	16.00	151194
		C426V1	5.5	208/1	B56	—	—	93548	CL00A310T-L	151150	RTA1-M	5.50	8.50	151192
		C426V1	5.4	240/1	B56	—	—	93548	CL00A310T-S	151147	RTA1-L	4.00	6.30	151191
		312P696	2.9	208/3	D56	1.25	—	36951	CL00A310T-L	151150	RTA1-K	2.50	4.10	151190
		312P696	2.6	240/3	D56	1.25	—	36951	CL00A310T-S	151147	RTA1-K	2.50	4.10	151190
		312P696	1.3	480/3	D56	1.25	—	36951	CL00A310T-U	151148	RTA1-G	1.00	1.50	151187
		H992	1.0	575/3	H56	1.25	—	202090	CL00A310T-1	151275	RTA1-F	0.65	1.10	151186
1	AL6	C523	13.0	120/1	H56	1.25	—	13685	CL01A310T-J	151151	RTA1-P	10.00	16.00	151194
		C523	7.5	208/1	H56	1.25	—	13685	CL00A310T-L	151150	RTA1-M	5.50	8.50	151192
		C523	6.5	240/1	H56	1.25	—	13685	CL00A310T-S	151147	RTA1-M	5.50	8.50	151192
		H882	3.7	208/3	H56	1.15	—	36580	CL00A310T-L	151150	RTA1-K	2.50	4.10	151190
		H882	3.2	240/3	H56	1.15	—	36580	CL00A310T-S	151147	RTA1-K	2.50	4.10	151190
		H882	1.6	480/3	H56	1.15	—	36580	CL00A310T-U	151148	RTA1-H	1.30	1.90	151188
		E1006L	1.1	575/3	N143T	1.15	—	158175	CL00A310T-Y	151149	RTA1-G	1.00	1.50	151187
1.5	AL7	C524	15.0	120/1	56	1.20	86.4	194202	CL02A310T-J	151156	RTA1-P	10.00	16.00	151194
		C524	7.8	208/1	56	1.20	86.4	194202	CL00A310T-L	151150	RTA1-M	5.50	8.50	151192
		C524	7.5	240/1	56	1.20	86.4	194202	CL00A310T-S	151147	RTA1-M	5.50	8.50	151192
		H884L	5.6	208/3	F56	1.15	66.4	115859	CL00A310T-L	151150	RTA1-L	4.00	6.30	151191
		H884L	5.0	240/3	F56	1.15	66.4	115859	CL00A310T-S	151147	RTA1-L	4.00	6.30	151191
		H884L	2.8	480/3	F56	1.15	66.4	115859	CL00A310T-U	151148	RTA1-K	2.50	4.10	151190
		E1007	1.6	575/3	R145T	1.15	85.3	158162	CL00A310T-Y	151149	RTA1-H	1.30	1.90	151188
2	AL8	RB1204AV1	24.6	120/1	56H	1.15	81.8	202581	CL25A310T-J	1024072	RTA1-T	17.50	22.00	151197
		RB1204AV1	12.3	208/1	56H	1.15	81.8	202581	CL01A310T-L	151155	RTA1-N	8.00	12.00	151193
		RB1204AV1	12.3	240/1	56H	1.15	81.8	202581	CL01A310T-S	151152	RTA1-N	8.00	12.00	151193
		H886	7.0	208/3	56HZ	1.15	67	159327	CL00A310T-L	151150	RTA1-M	5.50	8.50	151192
		H886	6.6	240/3	56HZ	1.15	67	159327	CL00A310T-S	151147	RTA1-M	5.50	8.50	151192
		H886	3.5	480/3	56HZ	1.15	67	159327	CL00A310T-U	151148	RTA1-K	2.50	4.10	151190
		E1008	2.1	575/3	P145T	1.15	86	158176	CL00A310T-Y	151149	RTA1-J	1.90	2.70	151189

Table 27. Open-Type Motors by Motor Option and Starter (Units Manufactured *Before* APR 2013)—Continued

HP	Option	Motor							Starter (Option AN10)		Starter Overload			
		MFR's Model	Full Load Amps (FLA)	Voltage/ Phase	Frame Size	Service Factor	Power Factor	PN	MFR's Model	PN	MFR's Model	Min Amps	Max Amps	PN
3	AL9	B735	13.7	208/1	L56	1.15	94.5	111560	CL02A310T-L	151159	RTA1-P	10.00	16.00	151194
		B735	12.4	240/1	L56	1.15	94.5	111560	CL01A310T-S	151152	RTA1-P	10.00	16.00	151194
		H845	9.0	208/3	P56HZ	1.15	—	159185	CL00A310T-L	151150	RTA1-N	8.00	12.00	151193
		H845	8.6	240/3	P56HZ	1.15	—	159185	CL00A310T-S	151147	RTA1-N	8.00	12.00	151193
		H845	4.3	480/3	P56HZ	1.15	—	159185	CL00A310T-U	151148	RTA1-L	4.00	6.30	151191
		H954	3.6	575/3	P145T	1.15	80.3	120019	CL00A310T-Y	151149	RTA1-K	2.50	4.10	151190
5	AL10	V211	28.3	208/1	L184T	1.15	79.2	111562	CL04A310M-L	151169	RTA1-V	25.00	32.00	151199
		V211	25.6	240/1	L184T	1.15	79.2	111562	CL04A310M-S	151166	RTA1-V	25.00	32.00	151199
		196033J	13.4	208/3	Y56HZ	1.15	87.2	113371	CL01A310T-L	151155	RTA1-P	10.00	16.00	151194
		196033J	13.2	240/3	Y56HZ	1.15	87.2	113371	CL01A310T-S	151152	RTA1-P	10.00	16.00	151194
		196033J	6.6	480/3	Y56HZ	1.15	87.2	113371	CL00A310T-U	151148	RTA1-M	5.50	8.50	151192
		H956	5.4	575/3	Y56HZ	1.15	85.9	120020	CL00A310T-Y	151149	RTA1-L	4.00	6.30	151191
7.5	AL11	V305	35.4	208/1	S215T	1.15	87.0	105828	CL06A311M-L	151173	RTA2-E	30.00	43.00	151206
		V305	32.0	240/1	S215T	1.15	87.0	105828	CL45A310M-S	151170	RTA1-V	25.00	32.00	151199
		M3311T	21.0	208/3	213T	1.15	82.5	105855	CL25A310T-L	1024076	RTA1-U	21.00	26.00	1024078
		M3311T	19.0	240/3	213T	1.15	82.5	105855	CL25A310T-S	1024073	RTA1-T	17.50	22.00	1024078
		M3311T	10.0	480/3	213T	1.15	82.5	105855	CL01A310T-U	151153	RTA1-N	8.00	12.00	151193
		M3311T-5	7.7	575/3	213T	1.15	86.5	158164	CL00A310T-Y	151149	RTA1-M	5.50	8.50	151192
10	AL12	V303	42.0	208/1	S215T	1.15	96.0	105830	CL06A311M-L	151173	RTA2-E	30.00	43.00	151206
		V303	38.0	240/1	S215T	1.15	96.0	105830	CL06A311M-S	151172	RTA2-E	30.00	43.00	151206
		M3313T	29.0	208/3	215T	1.15	85.5	105858	CL04A310M-L	151169	RTA1-V	25.00	32.00	151199
		M3313T	26.8	240/3	215T	1.15	85.5	105858	CL04A310M-S	151166	RTA1-V	25.00	32.00	151199
		M3313T	13.4	480/3	215T	1.15	85.5	105858	CL01A310T-U	151153	RTA1-P	10.00	16.00	151194
		M3313T-5	10.8	575/3	215T	1.15	81.0	158163	CL01A310T-Y	151154	RTA1-P	10.00	16.00	151194
15	AL15	FM2513T-8	43.1	208/3	254T	1.15	80.0	142287	CL06A311M-L	151173	RTA2-G	42.00	55.00	151202
		EHFM2523T	39.0	240/3	254T	1.15	80.0	142288	CL06A311M-S	151172	RTA2-E	30.00	43.00	151206
		EHFM2523T	19.5	480/3	254T	1.15	80.0	142288	CL25A310T-U	1024074	RTA1-T	17.50	22.00	1024078
		FM2513T-5	16.0	575/3	254T	1.15	80.0	142289	CL02A310T-Y	151158	RTA1-S	14.50	18.00	151196
20	AL16	FM2515T-8	58.7	208/3	256T	1.15	80.0	142295	CL07A311M-L	151176	RTA2-H	54.00	65.00	151203
		FM2515T	53.0	240/3	256T	1.15	81.0	142296	CL07A311M-S	151175	RTA2-G	42.00	55.00	151202
		FM2515T	26.5	480/3	256T	1.15	81.0	142296	CL04A310M-U	151167	RTA1-V	25.00	32.00	151199
		FM2515T-5	21.2	575/3	256T	1.15	80.0	142297	CL25A310T-Y	1024075	RTA1-T	17.50	22.00	1024078

Table 28. TEFC-Type Motors by Motor Option and Starter (Units Manufactured *Before* APR 2013)

HP	Option	Motor							Starter (Option AN10)		Starter Overload			
		MFR's Model	Full Load Amps (FLA)	Voltage/ Phase	Frame Size	Service Factor	Power Factor	PN	MFR's Model	PN	MFR's Model	Min Amps	Max Amps	PN
1/4	AL19	#904	3.8	120/1	M48	1.00	—	16074	CL00A310T-J	151146	RTA1-K	2.50	4.10	151190
		C199	2.0	208/1	H56	1.35	—	16074	CL00A310T-L	151150	RTA1-J	1.90	2.70	151189
		C199	1.9	240/1	H56	1.35	—	16074	CL00A310T-S	151147	RTA1-H	1.30	1.90	151188
		125439	1.6	208/3	B56	1.00	61.9	16075	CL00A310T-L	151150	RTA1-H	1.30	1.90	151188
		125439	1.4	240/3	B56	1.00	61.9	16075	CL00A310T-S	151147	RTA1-G	1.00	1.50	151187
		125439	0.7	480/3	B56	1.00	61.9	16075	CL00A310T-U	151148	RTA1-F	0.65	1.10	151186
1/3	AL20	#906L	4.6	120/1	N48	1.00	68.5	115861	CL00A310T-J	151146	RTA1-L	4.00	6.30	151191
		C151	2.3	208/1	N48	1.00	67.2	159501	CL00A310T-L	151150	RTA1-J	1.90	2.70	151189
		C151	2.4	240/1	N48	1.00	67.2	159501	CL00A310T-S	151147	RTA1-J	1.90	2.70	151189
		H261	1.2	208/3	L48	1.15	—	105567	CL00A310T-L	151150	RTA1-G	1.00	1.50	151187
		H261	1.2	240/3	L48	1.15	—	105567	CL00A310T-S	151147	RTA1-G	1.00	1.50	151187
		H261	0.6	480/3	L48	1.15	—	105567	CL00A310T-U	151148	RTA1-D	0.40	0.65	151184

Table 28. TEFC-Type Motors by Motor Option and Starter (Units Manufactured *Before* APR 2013)—Continued

HP	Option	Motor							Starter (Option AN10)		Starter Overload			
		MFR's Model	Full Load Amps (FLA)	Voltage/ Phase	Frame Size	Service Factor	Power Factor	PN	MFR's Model	PN	MFR's Model	Min Amps	Max Amps	PN
1/2	AL21	C613	7.2	120/1	J56	1.15	—	159184	CL00A310T-J	151146	RTA1-M	5.50	8.50	151192
		C613	3.5	208/1	J56	1.15	—	159184	CL00A310T-L	151150	RTA1-K	2.50	4.10	151190
		C613	3.6	240/1	J56	1.15	—	159184	CL00A310T-S	151147	RTA1-K	2.50	4.10	151190
		H274	2.3	208/3	H56	1.00	59.5	16077	CL00A310T-L	151150	RTA1-J	1.90	2.70	151189
		H274	2.0	240/3	H56	1.00	59.5	16077	CL00A310T-S	151147	RTA1-J	1.90	2.70	151189
		H274	1.0	480/3	H56	1.00	59.5	16077	CL00A310T-U	151148	RTA1-F	0.65	1.10	151186
		H276	0.7	575/3	J56	1.15	76.4	105568	CL00A310T-Y	151149	RTA1-F	0.65	0.90	151186
3/4	AL22	F353	11.0	120/1	F56	1.00	66.0	115860	CL01A310T-J	151151	RTA1-P	10.00	16.00	151194
		F353	5.4	208/1	F56	1.00	66.0	115860	CL00A310T-L	151150	RTA1-L	4.00	6.30	151191
		F353	5.5	240/1	F56	1.00	66.0	115860	CL00A310T-S	151147	RTA1-L	4.00	6.30	151191
		H580	2.0	208/3	KA56	1.00	73.5	20371	CL00A310T-L	151150	RTA1-J	1.90	2.70	151189
		H580	2.2	240/3	KA56	1.00	73.5	20371	CL00A310T-S	151147	RTA1-J	1.90	2.70	151189
		H580	1.1	480/3	KA56	1.00	73.5	20371	CL00A310T-U	151148	RTA1-G	1.00	1.50	151187
		H461	0.8	575/3	L56	1.15	78.3	105569	CL00A310T-Y	151149	RTA1-F	0.65	1.10	151186
1	AL23	159105	12.0	120/1	L56	1.15	74.3	174993	CL01A310T-J	151151	RTA1-P	10.00	16.00	151194
		159105	6.2	208/1	L56	1.15	74.3	174993	CL00A310T-S	151147	RTA1-M	5.50	8.50	151192
		159105	6.0	240/1	L56	1.15	74.3	174993	CL00A310T-S	151147	RTA1-M	5.50	8.50	151192
		H524	3.3	208/3	J56	1.00	74.4	16080	CL00A310T-L	151150	RTA1-K	2.50	4.10	151190
		H524	3.4	240/3	J56	1.00	74.4	16080	CL00A310T-S	151147	RTA1-K	2.50	4.10	151190
		H524	1.7	480/3	J56	1.00	74.4	16080	CL00A310T-U	151148	RTA1-H	1.30	1.90	151188
		H525	1.4	575/3	H56	1.15	71.6	105570	CL00A310T-Y	151149	RTA1-G	1.00	1.50	151187
1.5	AL24	C686	16.4	120/1	TK56H	—	—	94347	CL02A310T-J	151156	RTA1-S	14.50	18.00	151196
		C686	9.5	208/1	TK56H	—	—	94347	CL00A310T-L	151150	RTA1-N	8.00	12.00	151193
		C686	8.2	240/1	TK56H	—	—	94347	CL00A310T-S	151147	RTA1-N	8.00	12.00	151193
		H535	4.3	208/3	L56H	1.00	80.9	101286	CL00A310T-L	151150	RTA1-L	4.00	6.30	151191
		H535	4.4	240/3	L56H	1.00	80.9	101286	CL00A310T-S	151147	RTA1-L	4.00	6.30	151191
		H535	2.2	480/3	L56H	1.00	80.9	101286	CL00A310T-U	151148	RTA1-J	1.90	2.70	151189
		E127	1.6	575/1	M145T	1.15	85.7	105665	CL00A310T-Y	151149	RTA1-H	1.30	1.90	151188
2	AL25	C687	24.0	120/1	F182T	1.00	76.4	105572	CL04A310M-J	151165	RTA1-U	21.00	26.00	151198
		L3516TM	8.3	240/1	56HZ	1.00	76.4	205881	CL01A310T-S	151152	RTA1-P	10.00	16.00	151194
		M3587T	6.3	208/3	145T	1.15	77.5	158165	CL00A310T-L	151150	RTA1-M	5.50	8.50	151192
		M3587T	5.8	240/3	145T	1.15	77.5	158165	CL00A310T-S	151147	RTA1-L	4.00	6.30	151191
		M3587T	2.9	480/3	145T	1.15	77.5	158165	CL00A310T-U	151148	RTA1-K	2.50	4.10	151190
		M3587T-5	2.2	575/3	145T	1.15	77.5	158166	CL00A310T-Y	151149	RTA1-J	1.90	2.70	151189
3	AL26	K222	30.0	120/1	F184T	1.00	88.0	111564	CL04A310M-J	151165	RTA1-V	25.00	32.00	151199
		K222	15.0	240/1	F184T	1.00	88.0	111564	CL02A310T-S	151157	RTA1-P	10.00	16.00	151194
		M3559T	7.9	208/3	145T	1.15	—	159330	CL00A310T-L	151150	RTA1-M	5.50	8.50	151192
		M3559T	7.2	240/3	145T	1.15	—	159330	CL00A310T-S	151147	RTA1-M	5.50	8.50	151192
		M3559T	3.6	480/3	145T	1.15	—	159330	CL00A310T-U	151148	RTA1-K	2.50	4.10	151190
		M3660T-5	3.0	575/3	182T	1.15	—	158168	CL00A310T-Y	151149	RTA1-K	2.50	4.10	151190
5	AL27	K223	20.2	240/1	F184T	1.00	90.8	111567	CL04A310M-S	151166	RTA1-T	17.50	22.00	1024078
		M3663T	12.8	208/3	184T	1.15	—	155048	CL01A310T-L	151155	RTA1-S	14.50	18.00	151196
		M3663T	11.8	240/3	184T	1.15	—	155048	CL01A310T-S	151152	RTA1-P	10.00	16.00	151194
		M3663T	5.9	480/3	184T	1.15	—	155048	CL00A310T-U	151148	RTA1-L	4.00	6.30	151191
		M3663T-5	4.8	575/3	184T	1.15	90.0	158170	CL00A310T-Y	151149	RTA1-L	4.00	6.30	151191
7.5	AL32	K305	34.0	240/1	F215T	1.00	86.5	105842	CL45A310M-S	151170	RTA1-W	30.00	40.00	151200
		T4631	21.0	208/3	213T	1.15	83.1	158171	CL04A310M-L	151169	RTA1-U	21.00	26.00	151198
		T4631	19.0	240/3	213T	1.15	83.1	158171	CL25A310T-S	1024073	RTA1-T	17.50	22.00	1024078
		T4631	9.5	480/3	213T	1.15	83.1	158171	CL01A310T-U	151153	RTA1-N	8.00	12.00	151193
		M3710T-5	8.1	575/3	213T	1.15	83.1	158172	CL00A310T-Y	151149	RTA1-M	5.50	8.50	151192
10	AL33	K313	39.0	240/1	215T	1.00	96.5	105846	CL06A311M-S	151172	RTA2-E	30.00	43.00	151206
		M3774T	39.0	208/3	215T	1.15	85.0	158173	CL04A310M-L	151169	RTA1-V	25.00	32.00	151199
		M3774T	20.0	240/3	215T	1.15	85.0	158173	CL04A310M-S	151166	RTA1-U	21.00	26.00	151198
		M3774T	10.0	480/3	215T	1.15	85.0	158173	CL01A310T-U	151153	RTA1-P	10.00	16.00	151194
		M3774T-5	11.4	575/3	215T	1.15	85.0	158174	CL01A310T-Y	151154	RTA1-N	8.00	12.00	151193

Table 28. TEFC-Type Motors by Motor Option and Starter (Units Manufactured *Before* APR 2013)

HP	Option	Motor							Starter (Option AN10)		Starter Overload			
		MFR's Model	Full Load Amps (FLA)	Voltage/ Phase	Frame Size	Service Factor	Power Factor	PN	MFR's Model	PN	MFR's Model	Min Amps	Max Amps	PN
15	AL34	E301M	38.0	240/3	254T	1.15	82.0	142443	CL06A311M-S	151172	RTA2-E	30.00	43.00	151206
		E301M	19.0	480/3	254T	1.15	82.0	142443	CL25A310T-U	1024074	RTA1-T	17.50	22.00	1024078
		FM2333-5	15.0	575/3	254T	1.15	82.0	142444	CL02A310T-Y	151158	RTA1-P	10.00	16.00	151194
20	AL35	FM2334T	52.0	240/3	256T	1.15	81.0	142301	CL07A311M-S	151175	RTA2-G	42.00	55.00	151202
		FM2334T	26.0	480/3	256T	1.15	81.0	142301	CL04A310M-U	151167	RTA1-V	25.00	32.00	151199
		FM2334T-5	20.6	575/3	256T	1.15	81.0	142302	CL25A310T-Y	1024075	RTA1-T	17.50	22.00	1024078

Table 29. EE-Type Motors by Motor Option and Starter

HP	Option	Motor							Starter (Option AN10)		Starter Overload			
		MFR's Model	Full Load Amps (FLA)	Voltage/ Phase	Frame Size	Service Factor	Power Factor	PN	MFR's Model	PN	MFR's Model	Min Amps	Max Amps	PN
1	AL36	DHP0014	3.1	208/3	143T	1.15	83.5	159328	CL00A310T-L	151150	RTA1-K	2.50	4.10	151190
		DHP0014	2.8	240/3	143T	1.15	—	159328	CL00A310T-S	151147	RTA1-K	2.50	4.10	151190
		DHP0014	1.4	480/3	143T	1.15	—	159328	CL00A310T-U	151148	RTA1-G	1.00	1.50	151187
		E1006	1.1	575/3	N143T	1.15	—	158175	CL00A310T-Y	151149	RTA1-G	1.00	1.50	151187
1.5	AL37	E104	4.5	208/3	P145T	1.15	86.0	105662	CL00A310T-L	151150	RTA1-L	4.00	6.30	151191
		E1016	4.0	240/3	145T	1.15	—	159329	CL00A310T-S	151147	RTA1-K	2.50	4.10	151190
		E1016	2.0	480/3	145T	1.15	—	159329	CL00A310T-U	151148	RTA1-J	1.90	2.70	151189
		E1007	1.6	575/3	R145T	1.15	85.3	158162	CL00A310T-Y	151149	RTA1-H	1.30	1.90	151188
2	AL38	E105	6.1	208/3	P145T	1.15	86.8	105664	CL00A310T-L	151150	RTA1-L	4.00	6.30	151191
		E1017	5.6	240/3	145T	1.15	—	159027	CL00A310T-S	151147	RTA1-L	4.00	6.30	151191
		E1017	2.8	480/3	145T	1.15	—	159027	CL00A310T-U	151148	RTA1-K	2.50	4.10	151190
		E1008	2.1	575/3	P145T	1.15	86.0	158176	CL00A310T-Y	151149	RTA1-J	1.90	2.70	151189
3	AL39	35L405S489G3	8.3	208/3	145T	1.15	—	159186	CL00A310T-L	151150	RTA1-N	8.00	12.00	151193
		EM3158T	7.4	240/3	145T	—	—	159028	CL00A310T-S	151147	RTA1-M	5.50	8.50	151192
		EM3158T	3.7	480/3	145T	—	—	159028	CL00A310T-U	151148	RTA1-K	2.50	4.10	151190
		35L405S709G1	3.0	575/3	145T	1.15	—	159030	CL00A310T-Y	151149	RTA1-K	2.50	4.10	151190
5	AL40	E204	11.6	208/3	H182T	1.15	89.0	159029	CL02A310T-L	151159	RTA1-P	10.00	16.00	151194
		E204	11.6	240/3	H182T	1.15	89.0	159029	CL02A310T-S	151157	RTA1-P	10.00	16.00	151194
		E204	5.8	480/3	H182T	1.15	89.0	159029	CL00A310T-U	151148	RTA1-M	5.50	8.50	151192
		M3613T-5	4.8	575/3	184T	1.15	—	111602	CL00A310T-Y	151149	RTA1-L	4.00	6.30	151191
7.5	AL41	E316	21.4	208/3	D213T	1.15	82.0	159331	CL04A310M-L	151169	RTA1-U	21.00	26.00	151198
		E317	18.6	240/3	D213T	1.15	82.0	159332	CL25A310T-S	1024073	RTA1-T	17.50	22.00	1024078
		E317	9.3	480/3	D213T	1.15	82.0	159332	CL00A310T-U	151148	RTA1-N	8.00	12.00	151193
		M3311T-5	7.7	575/3	213T	1.15	81.5	158164	CL00A310T-Y	151149	RTA1-M	5.50	8.50	151192
10	AL42	EM3313T	26.0	208/3	215T	1.15	85.5	159334	CL04A310M-L	151169	RTA1-V	25.00	32.00	151199
		EM3313T	25.0	240/3	215T	1.15	85.5	159334	CL04A310M-S	151166	RTA1-U	21.00	26.00	151198
		EM3313T	12.5	480/3	215T	1.15	85.5	159334	CL01A310T-U	151153	RTA1-P	10.00	16.00	151194
		M3313T-5	10.4	575/3	215T	1.15	81.0	158163	CL00A310T-Y	151149	RTA1-P	10.00	16.00	151194
15	AL43	EFM2513T-8	40.7	208/3	254T	1.15	84.0	142440	CL06A311M-L	151173	RTA2-E	30.00	43.00	151206
		EFM2513T	35.4	240/3	254T	1.15	84.0	142441	CL06A311M-S	151172	RTA2-E	30.00	43.00	151206
		EFM2513T	17.7	480/3	254T	1.15	84.0	142441	CL25A310T-U	1024074	RTA1-T	17.50	22.00	1024078
		EFM2513T-5	16.0	575/3	254T	1.15	84.0	142289	CL02A310T-Y	151158	RTA1-P	10.00	16.00	151194
20	AL44	E452-F2	57.0	208/3	S256T	1.15	84.0	159187	CL07A311M-L	151176	RTA2-H	54.00	65.00	151203
		EFM2515T	47.0	240/3	256T	1.15	84.0	142299	CL06A311M-S	151172	RTA2-G	42.00	55.00	151202
		EFM2515T	23.5	480/3	256T	1.15	84.0	142299	CL04A310M-U	151167	RTA1-U	21.00	26.00	151198
		EFM2515T-5	19.2	575/3	256T	1.15	84.0	142300	CL25A310T-Y	1024075	RTA1-T	17.50	22.00	1024078

REPLACEMENT BLOWER MOTORS, STARTERS, AND VARIABLE FREQUENCY DRIVES FOR UNITS MANUFACTURED *BEFORE* APR 2013—CONTINUED

Table 30. Two-Speed Blower Motor and Starter Data

Motor Data							IEC Starter Data	
Rated HP	Century Model	Frame Size	Maximum Motor Amp Draw (rpm)		Voltage/ Phase	PN	Manufacturer's Model	PN
			1800	1200				
1.00/0.44	M124	M145T	3.8	2.4	208/3	105641	AEG2SP-S17-C-I-H-O	114971
			3.4	2.2	240/3			
	M109		1.7	1.1	480/3	105642	AEG2SP-S17-E-G-F-O	114972
1.50/0.68	M125	N145T	5.4	3.1	208/3	105643	AEG2SP-S17-C-K-I-O	114973
			4.9	2.8	240/3			
	M104		2.4	1.4	480/3	105644	AEG2SP-S17-E-H-G-O	114974
2.00/0.88	M220	S182T	6.5	4.2	208/3	105645	AEG2SP-S17-C-L-K-O	114975
			5.9	3.8	240/3		AEG2SP-S17-C-L-I-O	114976
	M207		3.4	2.1	480/3	105646	AEG2SP-S17-E-I-H-O	114977
3.00/1.30	M221	S184T	9.3	5.3	208/3	105647	AEG2SP-S17-C-M-K-O	114978
			8.4	4.8	240/3			
	M208		4.6	2.6	480/3	105648	AEG2SP-S17-E-K-H-O	114979
5.00/2.20	M320	S215T	17.2	11.3	208/3	105870	AEG2SP-S17-C-O-M-O	114980
			15.5	10.2	240/3			
	M305		7.1	4.8	480/3	105871	AEG2SP-S17-E-L-K-O	114981
7.50/3.30	M317	Y215T	21.6	13.6	208/3	105872	AEG2SP-S17-C-O-N-O	114982
			19.5	12.3	240/3			
	M315	D215T	10.0	6.0	480/3	105873	AEG2SP-S17-E-M-L-O	114983
10.00/4.40	M421	S256T	31.0	19.4	208/3	105874	AEG2SP-S17-C-P-O-O	114984
			28.0	17.5	240/3			
10.00/4.40	M413	S256T	13.5	7.5	480/3	105875	AEG2SP-S17-E-N-L-O	114985

Table 31. Terminal Cross-Reference for Replacement IEC Starters

Terminal Type	Speed	NEMA	IEC
Starter wire	High	D	2T1
		F	6T3
		E	4T2
	Low	A	2T1
		C	6T3
		B	4T2
Relay/starter coil	—	9	95
			96

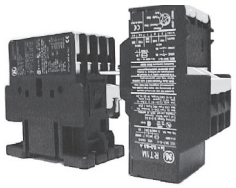
Table 32. Replacement Holding Coils for IEC Starters (Units Manufactured *Before* APR 2013)

For Use with GE Starter Model Numbers Beginning with:	Holding Coil PN	Voltage	GE Model
CL00, CL01, CL02, CL25	151280	24	LB1A-C
CL00, CL01, CL02, CL25	151281	120	LB1A-J
CL00, CL01, CL02, CL25	151282	208	LB1A-L
CL00, CL01, CL02, CL25	151283	230	LB1A-S
CL00, CL01, CL02, CL25	151284	460	LB1A-U
CL00, CL01, CL02, CL25	151285	575	LB1A-Y
CL04, CL45	151286	24	LB3A-C
CL04, CL45	151287	120	LB3A-J
CL04, CL45	151288	208	LB3A-L
CL04, CL45	151289	230	LB3A-S
CL04, CL45	151290	460	LB3A-U
CL04, CL45	151291	575	LB3A-Y
CL06, CL07, CL08, CL09	151292	208	LB4A-L
CL06, CL07, CL08, CL09	151293	230	LB4A-S
CL06, CL07, CL08, CL09	151294	460	LB4A-U

REPLACEMENT BLOWER MOTORS, STARTERS, AND VARIABLE FREQUENCY DRIVES FOR UNITS MANUFACTURED *AFTER* MAR 2013

NOTES:

- **Variable frequency drives (option VFD) and their corresponding line reactors are shown in Figure 20 and listed in Table 33.**
- **Replacement single-speed blower motors are listed by type and horsepower for open-type motors and TEFC-type (totally-enclosed fan-cooled) motors. Highlighted motors in Table 34 and Table 35 do not have internal overload protection and must be used with the motor starter and overload listed unless the unit is equipped with a variable frequency drive. Motors not highlighted will have either a contactor or a starter (option AN10) or will be equipped with a variable frequency drive.**
- **Replacement IEC starters and overloads are required on highlighted motors. They are optional on other motors unless the unit is equipped with a variable frequency drive.**



IEC Starter (Contactor)

IEC Adjustable Overload

Variable Frequency Drive (Option VFD) and Matching Line Reactor

Replacement Display, ABB Model ACS-CP-A, PN 272508

Figure 20. IEC Starter and Overload and Variable Frequency Drive with Replacement Display

Table 33. Variable Frequency Drives and Corresponding Line Reactors (Units Manufactured *After* MAR 2013)

Motor Horsepower	Drive and Line Reactor	V/PH/Hz											
		208/1/60 and 230/1/60		208/3/60 and 230/3/60			480/3/60			575/3/60		
		ODP	TEFC	ODP	TEFC	Prem	ODP	TEFC	Prem	ODP	TEFC	Prem
1/2	Drive	221600		221605		—	221612		—	—		
	Line reactor	221595		221598			221590					
3/4	Drive	—		221606			221613					
	Line reactor			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			Built-in		
3	Drive	221604		221610			221617			221856		
	Line reactor	221599		221597			221586			Built-in		
5	Drive	—		221611			221618			221857		
	Line reactor			221599			221587			Built-in		

REPLACEMENT BLOWER MOTORS, STARTERS, AND VARIABLE FREQUENCY DRIVES FOR UNITS MANUFACTURED *AFTER* MAR 2013—CONTINUED

Table 34. Open-Type Motors by Motor Option and Starter (Units Manufactured *After* MAR 2013)

HP	Option	Motor				Frame Size	Service Factor	Power Factor	Starter (Option AN10)		Starter Overload			
		MFR's Model	Full Load Amps (FLA)	Voltage/ Phase	PN				MFR's Model	PN	Min Amps	Max Amps	MFR's Model	PN
1/4	AL2	AOS-BF2024	4.6	115/1	210611	48/56	1.35	—	CL00A310T-1	151275	4.00	6.30	RTA1-L	151191
		AOS-BF2024	2.3	208/1	210611	48/56	1.35		CL00A310T-1	151275	1.80	2.70	RTA1-J	151189
		AOS-BF2024	2.3	240/1	210611	48/56	1.35		CL00A310T-1	151275	1.80	2.70	RTA1-J	151189
		BAL-M3003	1.1	208/3	115864	K48	1.35	72.0	CL00A310T-1	151275	1.00	1.50	RTA1-G	151187
		BAL-M3003	1.4	240/3	115864	K48	1.35	72.0	CL00A310T-1	151275	1.00	1.50	RTA1-G	151187
		BAL-M3003	0.75	480/3	115864	K48	1.35	72.0	CL00A310T-1	151275	0.65	1.10	RTA1-F	151186
1/3	AL3	AOS-BF2034	6.0	115/1	202091	48/56	1.35	—	CL00A310T-1	151275	4.00	6.30	RTA1-L	151191
		AOS-BF2034	3.0	208/1	202091	48/56	1.35		CL00A310T-1	151275	2.50	4.10	RTA1-K	151190
		AOS-BF2034	3.0	240/1	202091	48/56	1.35		CL00A310T-1	151275	2.50	4.10	RTA1-K	151190
		BAL-M3007	1.9	208/3	115863	K48	1.35	—	CL00A310T-1	151275	1.80	2.70	RTA1-J	151189
		BAL-M3007	1.6	240/3	115863	K48	1.35		CL00A310T-1	151275	1.30	1.90	RTA1-H	151188
		BAL-M3007	0.8	480/3	115863	K48	1.35		CL00A310T-1	151275	0.65	1.10	RTA1-F	151186
1/2	AL4	AOS-BF2054	8.2	120/1	102627	48/56	1.15	—	CL00A310T-1	151275	8.00	12.00	RTA1-N	151193
		AOS-BF2054	4.1	208/1	102627	48/56	1.15		CL00A310T-1	151275	4.00	6.30	RTA1-L	151191
		AOS-BF2054	4.1	240/1	102627	48/56	1.15		CL00A310T-1	151275	4.00	6.30	RTA1-L	151191
		RB-H880LES	1.8	208/3	159183	LA56	1.25		CL00A310T-1	151275	1.80	2.70	RTA1-J	151189
		RB-H880LES	1.8	240/3	159183	LA56	1.25		CL00A310T-1	151275	2.50	4.10	RTA1-K	151190
		RB-H880LES	0.9	480/3	159183	LA56	1.25		CL00A310T-1	151275	1.30	1.90	RTA1-H	151188
		AOS - H991	0.9	575/3	202089	H56	1.25	—	CL00A310T-1	151275	0.65	1.10	RTA1-F	151186
3/4	AL5	RB-C426V2	10.4	120/1	93548	B56	1.25	—	CL01A310T-1	151276	10.00	16.00	RTA1-P	151194
		RB-C426V2	5.2	208/1	93548	B56	1.25		CL00A310T-1	151275	4.00	6.30	RTA1-L	151191
		RB-C426V2	5.2	240/1	93548	B56	1.25		CL00A310T-1	151275	4.00	6.30	RTA1-L	151191
		AOS-312P696	2.9	208/3	36951	D56	1.25		CL00A310T-1	151275	2.50	4.10	RTA1-K	151190
		AOS-312P696	2.6	240/3	36951	D56	1.25		CL00A310T-1	151275	2.50	4.10	RTA1-K	151190
		AOS-312P696	1.3	480/3	36951	D56	1.25		CL00A310T-1	151275	1.00	1.50	RTA1-G	151187
		RB-H992LES	1.0	575/3	202090	H56	1.25	—	CL00A310T-1	151275	0.65	1.10	RTA1-F	151186
1	AL6	RB- C523V2	13.2	120/1	13685	H56	1.25	—	CL01A310T-1	151276	10.00	16.00	RTA1-P	151194
		RB- C523V2	6.6	208/1	13685	H56	1.25		CL00A310T-1	151275	5.50	8.50	RTA1-M	151192
		RB- C523V2	6.6	240/1	13685	H56	1.25		CL00A310T-1	151275	5.50	8.50	RTA1-M	151192
		RB-H882LES	3.2	208/3	036580	56H	1.15		CL00A310T-1	151275	2.50	4.10	RTA1-K	151190
		RB-H882LES	3.0	240/3	036580	56H	1.15		CL00A310T-1	151275	2.50	4.10	RTA1-K	151190
		RB-H882LES	1.5	480/3	036580	56H	1.15		CL00A310T-1	151275	1.80	2.70	RTA1-J	151189
		AOS-H959	1.4	575/3	158175	JA56	1.15	—	CL00A310T-1	151275	1.00	1.50	RTA1-G	151187
1.5	AL7	AOS-C621	15.0	120/1	194202	56	1.20	86.4	CL01A310T-1	151276	10.00	16.00	RTA1-P	151194
		AOS-C621	7.8	208/1	194202	56	1.20	86.4	CL00A310T-1	151275	5.50	8.50	RTA1-M	151192
		AOS-C621	7.5	240/1	194202	56	1.20	86.4	CL00A310T-1	151275	5.50	8.50	RTA1-M	151192
		RB-H884LES	4.4	208/3	115859	UA56	1.15	66.4	CL00A310T-1	151275	4.00	6.30	RTA1-L	151191
		RB-H884LES	4.4	240/3	115859	UA56	1.15	66.4	CL00A310T-1	151275	4.00	6.30	RTA1-L	151191
		RB-H884LES	2.2	480/3	115859	UA56	1.15	66.4	CL00A310T-1	151275	1.80	2.70	RTA1-J	151189
		AOS-H960	2.0	575/3	158162	LA56H	1.15	85.3	CL00A310T-1	151275	1.80	2.70	RTA1-J	151189
2	AL8	AOS-RB1204AV1	24.6	120/1	202581	56H	—		CL04A310M-1	151279	21.00	26.00	RTA1-U	151198
		AOS-RB1204AV1	12.3	208/1	202581	56H			CL01A310T-1	151276	10.00	16.00	RTA1-P	151194
		AOS-RB1204AV1	12.3	240/1	202581	56H			CL01A310T-1	151276	10.00	16.00	RTA1-P	151194
		RB-H886LES	6.0	208/3	159327	56HZ	1.15	67.0	CL00A310T-1	151275	5.50	8.50	RTA1-M	151192
		RB-H886LES	6.0	240/3	159327	56HZ	1.15	67.0	CL00A310T-1	151275	5.50	8.50	RTA1-M	151192
		RB-H886LES	3.0	480/3	159327	56HZ	1.15	67.0	CL00A310T-1	151275	2.50	4.10	RTA1-K	151190
		RB-H965V1ES	2.4	575/3	158176	L56	1.15	86.0	CL00A310T-1	151275	1.80	2.70	RTA1-J	151189
3	AL9	AOS-C621	13.5	208/1	111560	56H	1.15	—	CL01A310T-1	151276	10.00	16.00	RTA1-P	151194
		AOS-C621	12.5	230/1	111560	56H	1.15		CL01A310T-1	151276	10.00	16.00	RTA1-P	151194
		AOS-H845	9.0	208/3	159185	P56HZ	1.15	—	CL00A310T-1	151275	8.00	12.00	RTA1-N	151193
		AOS-H845	8.6	240/3	159185	P56HZ	1.15		CL00A310T-1	151275	8.00	12.00	RTA1-N	151193
		AOS-H845	4.3	480/3	159185	P56HZ	1.15		CL00A310T-1	151275	4.00	6.30	RTA1-L	151191
		AOS-H954	3.6	575/3	120019	N56HZ	1.15	80.3	CL00A310T-1	151275	2.50	4.10	RTA1-K	151190

Table 34. Open-Type Motors by Motor Option and Starter (Units Manufactured *After* MAR 2013)—Continued

HP	Option	Motor				Frame Size	Service Factor	Power Factor	Starter (Option AN10)		Starter Overload			
		MFR's Model	Full Load Amps (FLA)	Voltage/ Phase	PN				MFR's Model	PN	Min Amps	Max Amps	MFR's Model	PN
5	AL10	BAL-L1409T	25.5	208/1	111562	184T	—		CL04A310M-1	151279	21.00	26.00	RTA1-U	151198
		BAL-L1409T	23.0	240/1	111562	184T			CL04A310M-1	151279	21.00	26.00	RTA1-U	151198
		AOS-196033J	13.4	208/3	113371	Y56HZ	1.15	87.2	CL01A310T-1	151276	10.00	16.00	RTA1-P	151194
		AOS-196033J	13.2	240/3	113371	Y56HZ	1.15	87.2	CL01A310T-1	151276	10.00	16.00	RTA1-P	151194
		AOS-196033J	6.6	480/3	113371	Y56HZ	1.15	87.2	CL00A310T-1	151275	5.50	8.50	RTA1-M	151192
		AOS-H956	5.4	575/3	120020	Y56HZ	1.15	85.9	CL00A310T-1	151275	4.00	6.30	RTA1-L	151191
7.5	AL11	AOS-V305	35.4	208/1	105828	S215T	—		CL06A311M-1	203687	30.00	43.00	RTA2-E	151206
		AOS-V305	32.0	230/1	105828	S215T			CL06A311M-1	203687	30.00	43.00	RTA2-E	151206
		WEST-DTP7/54	21.0	208/3	105855	213T			CL04A310M-1	151279	21.00	26.00	RTA1-U	151198
		WEST-DTP7/54	19.0	240/3	105855	213T			CL25A310T-1	151278	17.50	22.00	RTA1-T	151197
		WEST-DTP7/54	10.0	480/3	105855	213T			CL00A310T-1	151275	8.00	12.00	RTA1-N	151193
		AOS-E925	7.5	575/3	158164	S213T			CL00A310T-1	151275	5.50	8.50	RTA1-M	151192
10	AL12	AOS-V303	42.0	208/1	105830	S215T	—		CL06A311M-1	203687	30.00	43.00	RTA2-E	151206
		AOS-V303	38.0	230/1	105830	S215T			CL06A311M-1	203687	30.00	43.00	RTA2-E	151206
		NIDEC-D10P2D	26.3	208/3	105858	215T			CL04A310M-1	151279	25.00	32.00	RTA1-V	151199
		NIDEC-D10P2D	23.8	240/3	105858	215T			CL04A310M-1	151279	21.00	26.00	RTA1-U	151198
		NIDEC-D10P2D	11.9	480/3	105858	215T			CL01A310T-1	151276	10.00	16.00	RTA1-P	151194
		AOS-E926	10.1	575/3	158163	215T			CL01A310T-1	151276	10.00	16.00	RTA1-P	151194
15	AL15	BAL-EHFM2523T	37.4	208/3	142288	254T	—		CL06A311M-1	203687	30.00	43.00	RTA2-E	151206
		BAL-EHFM2523T	35.4	240/3	142288	254T			CL06A311M-1	203687	30.00	43.00	RTA2-E	151206
		BAL-EHFM2523T	17.7	480/3	142288	254T			CL25A310T-1	151278	17.50	22.00	RTA1-T	151197
		BAL-EFM2513T-5	16.0	575/3	142289	254T			CL02A310T-1	151277	14.50	18.00	RTA1-S	151196
20	AL16	WEST-DTP0204	53.7	208/3	142296	256T	1.15	80.0	CL07A300M1	203793	42.00	55.00	RTA2-G	151202
		WEST-DTP0204	48.6	240/3	142296	256T	1.15	81.0	CL07A300M1	203793	42.00	55.00	RTA2-G	151202
		WEST-DTP0204	24.3	480/3	142296	256T	1.15	81.0	CL04A310M-1	151279	21.00	26.00	RTA1-U	151198
		BAL-EFM2515T-5	18.9	575/3	142297	256T	1.15	80.0	CL25A310T-1	151278	17.50	22.00	RTA1-T	151197
25	AL17	AOS-E513	70.0	208/3	159021	284T	1.15	84.1	CL09A311M-1	203794	64.00	82.00	RTA2-J	151204
		AOS-E514	61.0	240/3	159022	S284T	1.15	84.1	CL07A300M1	203793	54.00	65.00	RTA2-H	151203
		AOS-E514	30.5	480/3	159022	S284T	1.15	84.1	CL04A310M-1	151279	25.00	32.00	RTA1-V	151199
		AOS-E929	24.5	575/3	159023	S284T	1.15	84.1	CL04A310M-1	151279	21.00	26.00	RTA1-U	151198
30	AL18	AOS-E515V2	82.2	208/3	159024	S286T	1.15	81.0	CL09A311M-1	203794	80.00	95.00	RTA2-L	151205
		AOS-E516V2	73.2	240/3	159025	S286T	1.15	81.0	CL09A311M-1	203794	64.00	82.00	RTA2-J	151204
		AOS-E516V2	36.6	480/3	159025	S286T	1.15	81.0	CL06A311M-1	203687	30.00	43.00	RTA2-E	151206
		BALD-EM2535T-5	28.0	575/3	159026	S286T	1.15	81.0	CL04A310M-1	151279	25.00	32.00	RTA1-V	151199

Table 35. TEFC-Type Motors by Motor Option and Starter (Units Manufactured *After* MAR 2013)

HP	Option	Motor				Frame Size	Service Factor	Power Factor	Starter (Option AN10)		Starter Overload			
		MFR's Model	Full Load Amps (FLA)	Voltage/ Phase	PN				MFR's Model	PN	Min Amps	Max Amps	MFR's Model	PN
1/4	AL19	Regal Beloit C664	3.8	120/1	16074	J56	—		CL00A310T-1	151275	2.50	4.10	RTA1-K	151190
		Regal Beloit C664	2.0	208/1	16074	J56			CL00A310T-1	151275	1.80	2.70	RTA1-J	151189
		Regal Beloit C664	1.9	240/1	16074	J56			CL00A310T-1	151275	1.80	2.70	RTA1-J	151189
		USMTR-T14S2A	1.1	208/3	271443	56	—		CL00A310T-1	151275	1.00	1.50	RTA1-G	151187
		USMTR-T14S2A	1.1	240/3	271443	56			CL00A310T-1	151275	1.00	1.50	RTA1-G	151187
		USMTR-T14S2A	0.5	480/3	271443	56			CL00A310T-1	151275	0.40	0.65	RTA1-D	151184
1/3	AL20	AOS-906L	4.6	120/1	115861	N48	—		CL00A310T-1	151275	4.00	6.30	RTA1-L	151191
		AOS-C151	2.3	208/1	159501	N48			CL00A310T-1	151275	1.80	2.70	RTA1-J	151189
		AOS-C151	2.4	240/1	159501	N48			CL00A310T-1	151275	1.80	2.70	RTA1-J	151189
		AOS-H261	1.2	208/3	105567	L48	—		CL00A310T-1	151275	1.00	1.50	RTA1-G	151187
		AOS-H261	1.2	240/3	105567	L48			CL00A310T-1	151275	1.00	1.50	RTA1-G	151187
		AOS-H261	0.6	480/3	105567	L48			CL00A310T-1	151275	0.40	0.65	RTA1-D	151184
1/2	AL21	AOS-C613	7.2	120/1	159184	J56	—		CL00A310T-1	151275	5.50	8.50	RTA1-M	151192
		AOS-C613	3.5	208/1	159184	J56			CL00A310T-1	151275	2.50	4.10	RTA1-K	151190
		AOS-C613	3.6	240/1	159184	J56			CL00A310T-1	151275	2.50	4.10	RTA1-K	151190
		AOS-H274	2.3	208/3	16077	H56	1.0	59.5	CL00A310T-1	151275	1.80	2.70	RTA1-J	151189
		AOS-H274	2.0	240/3	16077	H56	1.0	59.5	CL00A310T-1	151275	1.80	2.70	RTA1-J	151189
		AOS-H274	1.0	480/3	16077	H56	1.0	59.5	CL00A310T-1	151275	0.65	1.10	RTA1-F	151186
		AOS-H276	0.7	575/3	105568	J56	1.15	76.4	CL00A310T-1	151275	0.65	1.10	RTA1-F	151186

REPLACEMENT BLOWER MOTORS, STARTERS, AND VARIABLE FREQUENCY DRIVES FOR UNITS MANUFACTURED *AFTER* MAR 2013—CONTINUED

Table 35. TEFC-Type Motors by Motor Option and Starter (Units Manufactured *After* MAR 2013)—Continued

HP	Option	Motor				Frame Size	Service Factor	Power Factor	Starter (Option AN10)		Starter Overload			
		MFR's Model	Full Load Amps (FLA)	Voltage/ Phase	PN				MFR's Model	PN	Min Amps	Max Amps	MFR's Model	PN
3/4	AL22	AOS-F353	11	120/1	115860	F56	—		CL01A310T-1	151276	10.00	16.00	RTA1-P	151194
		AOS-F353	5.4	208/1	115860	F56			CL00A310T-1	151275	4.00	6.30	RTA1-L	151191
		AOS-F353	5.5	240/1	115860	F56			CL00A310T-1	151275	4.00	6.30	RTA1-L	151191
		AOS-H580	2.0	208/3	20371	KA56	1.0	73.5	CL00A310T-1	151275	1.80	2.70	RTA1-J	151189
		AOS-H580	2.2	240/3	20371	KA56	1.0	73.5	CL00A310T-1	151275	1.80	2.70	RTA1-J	151189
		AOS-H580	1.1	480/3	20371	KA56	1.0	73.5	CL00A310T-1	151275	1.00	1.50	RTA1-G	151187
		AOS-H461	0.8	575/3	105569	L56	1.15	78.3	CL00A310T-1	151275	0.65	1.10	RTA1-F	151186
1	AL23	AOS-159105	12.0	120/1	174993	L56	—		CL01A310T-1	151276	10.00	16.00	RTA1-P	151194
		AOS-159105	6.2	208/1	174993	L56			CL00A310T-1	151275	4.00	6.30	RTA1-L	151191
		AOS-159105	6.0	240/1	174993	L56			CL00A310T-1	151275	4.00	6.30	RTA1-L	151191
		WEG-00118E	3.25	208/3	271444	D56	1.0	74.4	CL00A310T-1	151275	2.50	4.10	RTA1-K	151190
		WEG-00118E	2.94	240/3	271444	D56	1.0	74.4	CL00A310T-1	151275	2.50	4.10	RTA1-K	151190
		WEG-00118E	1.47	480/3	271444	D56	1.0	74.4	CL00A310T-1	151275	1.30	1.90	RTA1-H	151188
		RB-H525LES	1.4	575/3	105570	56	1.15	71.6	CL00A310T-1	151275	1.00	1.50	RTA1-G	151187
1.5	AL24	RB-686V1	16.4	120/1	94347	TK56H	—		CL02A310T-1	151277	14.50	18.00	RTA1-S	151196
		RB-686V1	9.5	208/1	94347	TK56H			CL00A310T-1	151275	8.00	12.00	RTA1-N	151193
		RB-686V1	8.2	240/1	94347	TK56H			CL00A310T-1	151275	8.00	12.00	RTA1-N	151193
		WEG-00158E	4.8	208/3	271445	D56	1.0	80.9	CL00A310T-1	151275	4.00	6.30	RTA1-L	151191
		WEG-00158E	4.6	240/3	271445	D56	1.0	80.9	CL00A310T-1	151275	4.00	6.30	RTA1-L	151191
		WEG-00158E	2.3	480/3	271445	D56	1.0	80.9	CL00A310T-1	151275	1.80	2.70	RTA1-J	151189
		AOS-T59027	1.7	575/3	105665	145T	1.15	85.7	CL00A310T-1	151275	1.30	1.90	RTA1-H	151188
2	AL25	AOS-C687	24.0	120/1	105572	F182T	—		CL04A310M-1	151279	21.00	26.00	RTA1-U	151198
		L3516TM	8.3	240/1	205881	56HZ	1.15	99.0	CL00A310T-1	151275	5.50	8.50	RTA1-M	151192
		NIDEC-H2P2D	5.9	208/3	158165	145T	—		CL00A310T-1	151275	5.50	8.50	RTA1-M	151192
		NIDEC-H2P2D	5.7	240/3	158165	145T			CL00A310T-1	151275	4.00	6.30	RTA1-L	151191
		NIDEC-H2P2D	2.9	480/3	158165	145T			CL00A310T-1	151275	2.50	4.10	RTA1-K	151190
		Century-TE116	2.0	575/3	158166	145T			CL00A310T-1	151275	1.90	2.70	RTA1-J	151189
3	AL26	AOS-K222	30.0	120/1	111564	F184T	—		CL04A310M-1	151279	25.00	32.00	RTA1-V	151199
		AOS-K222	15.0	240/1	111564	F184T			CL02A310T-1	151277	14.50	18.00	RTA1-S	151196
		BAL-EM3559T	7.7	208/3	159330	145T			CL00A310T-1	151275	5.50	8.50	RTA1-M	151192
		BAL-EM3559T	7.0	240/3	159330	145T			CL00A310T-1	151275	5.50	8.50	RTA1-M	151192
		BAL-EM3559T	3.5	480/3	159330	145T			CL00A310T-1	151275	2.50	4.10	RTA1-K	151190
		BAL-EM3559T-5	2.8	575/3	158168	145T			CL00A310T-1	151275	2.50	4.10	RTA1-K	151190
5	AL27	RB-131549.00	20.2	240/1	111567	F184T	—		CL25A310T-1	151278	17.50	22.00	RTA1-T	151197
		NIDEC-H5P1D	13.4	208/3	155048	184T			CL02A310T-1	151277	10.00	16.00	RTA1-P	151194
		NIDEC-H5P1D	12.2	240/3	155048	184T			CL01A310T-1	151276	10.00	16.00	RTA1-P	151194
		NIDEC-H5P1D	6.1	480/3	155048	184T			CL00A310T-1	151275	4.00	6.30	RTA1-L	151191
		RB-TE158	4.8	575/3	158170	184T			CL00A310T-1	151275	4.00	6.30	RTA1-L	151191
7.5	AL32	AOS-K305	34.0	240/1	105842	F215T	—		CL06A311M-1	203687	30.00	43.00	RTA2-E	151206
		WEST-NP7/54	19.5	208/3	158171	213T			CL04A310M-1	151279	17.50	22.00	RTA1-T	151197
		WEST-NP7/54	17.7	240/3	158171	213T			CL25A310T-1	151278	17.50	22.00	RTA1-T	151197
		WEST-NP7/54	8.9	480/3	158171	213T			CL00A310T-1	151275	8.00	12.00	RTA1-N	151193
		AOS-T59031	7.3	575/3	158172	213T			CL00A310T-1	151275	5.50	8.50	RTA1-M	151192
10	AL33	RB-K313M2	39.0	240/1	105846	215T	—		CL06A311M-1	203687	30.00	43.00	RTA2-E	151206
		WEST-NP0104	25.7	208/3	158173	215T			CL04A310M-1	151279	25.00	32.00	RTA1-V	151199
		WEST-NP0104	23.3	240/3	158173	215T			CL04A310M-1	151279	21.00	26.00	RTA1-U	151198
		WEST-NP0104	11.6	480/3	158173	215T			CL02A310T-1	151277	10.00	16.00	RTA1-P	151194
		BALD-EHM3714T-5	9.6	575/3	158174	215T			CL00A310T-1	151275	8.00	12.00	RTA1-N	151193
15	AL34	WEST-NP7/54	38.1	208/3	142443	286T	—		CL06A311M-1	203687	30.00	43.00	RTA2-E	151206
		WEST-NP0154	34.5	240/3	142443	254T	1.15	82.0	CL06A311M-1	203687	30.00	43.00	RTA2-E	151206
		WEST-NP0154	17.3	480/3	142443	254T	1.15	82.0	CL25A310T-1	151278	14.50	18.00	RTA1-S	151196
		AOS-T59033	14.8	575/3	142444	254T	1.15	82.0	CL02A310T-1	151277	14.50	18.00	RTA1-S	151196
20	AL35	WEST-NP0204	50.8	208/3	142301	256T	1.15	81.0	CL07A300M1	203793	42.00	55.00	RTA2-G	151202
		WEST-NP0204	46.0	240/3	142301	256T	1.15	81.0	CL07A300M1	203793	42.00	55.00	RTA2-G	151202
		WEST-NP0204	23.0	480/3	142301	256T	1.15	81.0	CL04A310M-1	151279	21.00	26.00	RTA1-U	151198
		RB-TE158	19.6	575/3	142302	256T	1.15	81.0	CL25A310T-1	151278	17.50	22.00	RTA1-T	151197

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 RPM range of each drive option (AM) is listed in Table 36.**
- **Drive components for (H)(C)RGB, (H)(C)RPB, and RBA models are listed in Table 37, Table 38, Table 39, and Table 40. Drive components for RGBL, RPBL, PGBL, and RBL models are listed in Table 41, Table 42, Table 43, and Table 44. Drive components for RBHA models are listed in Table 45.**
- **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 36. Range (RPM) by Drive Option

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

Table 37. Drive Components for Open-Type Motors ((H)(C)RGB, (H)(C)RPB, and RBA Models)

Unit Size	Voltage Option (Voltage/ Phase)	Motor Option (HP)	Drive (AM) Option	Motor Pulley			Blower Pulley			Belt		Shaft Centerline (Inches)
				Bore Size (Inches)	MFR's Model	PN	Bore Size (Inches)	MFR's Model	PN	MFR's Model	PN	
075, 100, 125	AK1 (115/1), AK2 (208/1), AK3 (230/1), AK5 (208/3), AK6 (230/3), AK7 (460/3)	AL2 (1/4)	1, 2, 3, 4	1/2	1VL34	4074	3/4	AK84	19110	A39	105493	11.82
			5, 6, 7, 8, 9		1VL40	13491		AK74	111607	A38	16018	12.06
		AL3 (1/3)	2, 3, 4	1/2	1VP34	4074	3/4	AK84	19110	A39	105493	11.56
			5, 6, 7, 8		1VL40	13491		AK74	111607	A38	16018	11.82
			9, 10, 11, 12, 13, 14		1VP34	4074		AK46	105477	A33	101291	11.56
	AK1 (115/1), AK2 (208/1), AK3 (230/1), AK5 (208/3), AK6 (230/3), AK7 (460/3), AK8 (575/3)	AL4 (1/2)	5, 6, 7, 8	5/8	1VL34	13580	3/4	AK64	19108	A36	105490	12.57
			9, 10, 11		1VL44	105476		AK71H*	105484	A39	105493	12.32
			12, 13, 14, 15, 16, 17, 18		1VL34	13580		AK41	105478	A33	101291	12.46
		AL5 (3/4)	7, 8, 9, 10	5/8	1VL40	7962	3/4	AK64	19108	A38	16018	12.70
			11, 12, 13, 14, 15		1VL34	13580		AK46	105477	A34	105488	12.56
			16, 17, 18, 19, 20, 21, 22		1VL40	7962		AK41	105478	A34	105488	12.58
		AL6 (1)	9, 10, 11, 12, 13, 14, 15	5/8	1VL34	13580	3/4	AK46	105477	A34	105488	12.56
			16, 17, 18, 19, 20, 21, 22		1VL40	7962		AK41	105478	A34	105488	12.50
		AL7 (1-1/2)	11,12, 13	5/8	1VL44	105476	3/4	AK64	19108	A38	16018	12.40
			14, 15, 16, 17		1VL40	7962		AK49	105479	A35	105489	12.43
			18, 19, 20, 21, 22		1VL40	7962		AK41	105478	A34	105488	12.58

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

BLOWER MOTOR DRIVE COMPONENTS—CONTINUED

Table 37. Drive Components for Open-Type Motors ((H)(C)RGB, (H)(C)RPB, and RBA Models)—Cont.

Unit Size	Voltage Option (Voltage/ Phase)	Motor Option (HP)	Drive (AM) Option	Motor Pulley			Blower Pulley			Belt		Shaft Centerline (Inches)
				Bore Size (Inches)	MFR's Model	PN	Bore Size (Inches)	MFR's Model	PN	MFR's Model	PN	
075, 100, 125	AK1 (115/1), AK2 (208/1), AK3 (230/1), AK8 (575/3)	AL8 (2)	13, 14,15,16,17	5/8	1VL40	7962	3/4	AK49	105479	A35	105489	12.43
			18, 19, 20, 21, 22		1VL40	7962		AK41	105478	A34	105488	12.58
	AK5 (208/3), AK6 (230/3), AK7 (460/3)		13, 14,15,16,17	7/8	1VL40	106748	3/4	AK49	105479	A35	105489	12.43
			18, 19, 20, 21, 22		1VL40	106748		AK41	105478	A34	105488	12.58
	AK2 (208/1), AK3 (230/1)	AL9 (3)	13, 14, 15, 16, 17	5/8	1VM50	13013	3/4	BK140	111606	B52	92221	12.46
			18, 19, 20, 21, 22, 23, 24		1VM50	13013		AK74	111607	A39	105493	12.27
	AK5 (208/3), AK6 (230/3), AK7 (460/3), AK8 (575/3)		13, 14, 15, 16, 17	7/8	1VM50	37451	3/4	BK140	111606	B52	92221	12.46
			18, 19, 20, 21, 22, 23, 24		1VM50	37451		AK74	111607	A39	105493	12.27
150, 175, 200, 225, RBA	AK1 (115/1), AK2 (208/1), AK3 (230/1), AK5 (208/3), AK6 (230/3), AK7 (460/3)	AL2 (1/4)**	2, 3, 4	1/2	1VL34	4074	1	AK84	19111	A43	50470	13.86
		AL3 (1/3)	2, 3, 4	1/2	1VL34	4074	1	AK84	19111	A43	50470	13.86
			5, 6, 7		1VL34	4074		AK64	18797	A40	16019	14.08
	AK1 (115/1), AK2 (208/1), AK3 (230/1), AK5 (208/3), AK6 (230/3), AK7 (460/3), AK8 (575/3)	AL4 (1/2)	2, 3, 4	5/8	1VL34	13580	1	AK84	19111	A43	50470	14.00
			5, 6, 7, 8		1VL34	13580		AK64	18797	A40	16019	14.08
			9, 10, 11		1VL34	13580		AK46	105481	A37	105491	14.06
		AL5 (3/4)	5, 6, 7, 8	5/8	1VL34	13580	1	AK64	18797	A40	16019	14.58
			9, 10, 11, 12, 13, 14, 15		1VL34	13580		AK46	105481	A37	105491	14.56
		AL6 (1)	7, 8	5/8	1VL34	13580	1	AK64	18797	A40	16019	14.08
			9, 10, 11, 12, 13, 14		1VL34	13580		AK46	105481	A37	105491	14.06
			15, 16, 17		1VL40	7962		AK46	105481	A38	16018	14.18
		AL7 (1-1/2)	9, 10, 11	5/8	1VL44	105476	1	AK64	19108	A42	101412	13.83
			12, 13, 14, 15, 16		1VL44	105476		AK71H†	105484	A40	16019	14.07
			17, 18		1VL40	7962		AK56	105482	A38	16018	14.18
	AK1 (115/1), AK2 (208/1), AK3 (230/1), AK8 (575/3)	AL8 (2)	9, 10, 11	5/8	1VL40	7962	1	AK64	18797	A41	50500	17.21
			12, 13, 14, 15, 16, 17		1VL44	105476		AK56	105482	A40	16019	14.07
			18, 19, 20		1VL40	7962		AK46	105481	A38	16018	14.18
	AK5 (208/3), AK6 (230/3), AK7 (460/3)		9, 10, 11	7/8	1VL40	106748	1	AK64	18797	A41	50500	17.21
			12, 13, 14, 15, 16, 17		1VL44	106758		AK56	105482	A40	16019	14.07
			18, 19, 20		1VL40	106748		AK46	105481	A38	16018	14.18
	AK2 (208/1), AK3 (230/1)	AL9 (3)	13, 14, 15, 16, 17	5/8	1VM50	13013	1	BK140	111606	A47	50474	14.20
			18, 19, 20, 21		1VM50	13013		AK74	111607	A44	52966	14.00
	AK5 (208/3), AK6 (230/3), AK7 (460/3), AK8 (575/3)		13, 14, 15, 16, 17	7/8	1VL40	106748	1	AK99	111609	A47	50474	14.20
			18, 19, 20, 21		1VL40	106748		AK84	19111	A44	52966	14.00
	AK5 (208/3), AK6 (230/3), AK7 (460/3), AK8 (575/3)	AL10 (5)	16, 17, 18, 19, 20, 21, 22	7/8	2VP36	87500	1	2TB86††	91633	B45	16139	14.31
			20, 21, 22, 23		2VP50	8973		2BK100	7955	A49	50477	14.07

**Not applicable to unit sizes 200 or 225.

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

††Uses a 1-inch *Q1* motor pulley bushing (PN 6605).

Table 37. Drive Components for Open-Type Motors ((H)(C)RGB, (H)(C)RPB, and RBA Models)—Cont.

Unit Size	Voltage Option (Voltage/ Phase)	Motor Option (HP)	Drive (AM) Option	Motor Pulley			Blower Pulley			Belt		Shaft Centerline (Inches)
				Bore Size (Inches)	MFR's Model	PN	Bore Size (Inches)	MFR's Model	PN	MFR's Model	PN	
250, 300	AK1 (115/1), AK2 (208/1), AK3 (230/1), AK5 (208/3), AK6 (230/3), AK7 (460/3), AK8 (575/3)	AL4 (1/2)	2, 3, 4	5/8	1VL34	13580	1	AK84	19111	A39	105493	11.82
			5, 6, 7, 8		1VL34	13580		AK64	18797	A36	105490	12.06
		AL5 (3/4)	5, 6, 7	5/8	1VL34	13580	1	AK64	18797	A36	105490	12.06
			8, 9, 10, 11		1VL34	13580		AK56	105482	A35	105489	12.24
		AL6 (1)	7, 8, 9, 10, 11	5/8	1VL34	13580	1	AK56	105482	A35	105489	12.24
			12, 13, 14, 15, 16		1VL34	13580		AK46	105481	A33	101291	12.06
		AL7 (1-1/2)	9, 10, 11	5/8	1VL40	7962	1	AK64	18797	A37	105491	12.2
			12, 13, 14, 15, 16		1VL44	105476		AK56	105482	A36	105491	12.06
			17, 18, 19, 20, 21, 22, 23		1VL44	105476		AK46	105481	A35	105489	12.37
	AK1 (115/1), AK2 (208/1), AK3 (230/1), AK8 (575/3)	AL8 (2)	9, 10, 11	5/8	1VL40	7962	1	AK64	18797	A37	105491	12.20
			12, 13, 14, 15, 16		1VL44	105476		AK56	105482	A36	105490	12.06
			17, 18, 19, 20, 21, 22, 23		1VL44	105476		AK46	105481	A35	105489	12.37
	AK5 (208/3), AK6 (230/3), AK7 (460/3)		9, 10, 11	7/8	1VL40	106748	1	AK64	18797	A37	105491	12.20
			12, 13, 14, 15, 16		1VL44	106758		AK56	105482	A36	105490	12.06
			17, 18, 19, 20, 21, 22, 23		1VL44	103758		AK46	105481	A35	105489	12.37
	AK2 (208/1), AK3 (230/1)	AL9 (3)	9, 10, 11, 12	5/8	IVL40	7962	1	AK124	202652	A49	50475	12.14
			13, 14, 15, 16, 17		IVL40	7962		AK94	202653	A44	52966	12.14
			18, 19, 20, 21, 22		IVL40	7962		AK89	105483	A40	16019	12.02
	AK5 (208/3), AK6 (230/3), AK7 (460/3), AK8 (575/3)		13, 14, 15, 16, 17	7/8	1VL40	106748	1	AK99	111609	A43	40570	12.14
			18, 19, 20, 21, 22		1VM50	37451		AK104	16153	A45	50472	12.02
		AL10 (5)	15, 16, 17, 18, 19		2VP36	87500		2TB86††	91633	B41	111738	12.27
			20, 21, 22, 23		2VP50	8973		2AK104	7955	A45	50472	12.02
350, 400	AK1 (115/1), AK2 (208/1), AK3 (230/1), AK5 (208/3), AK6 (230/3), AK7 (460/3)	AL5 (3/4)	2, 3, 4	5/8	1VL34	13580	1	AK84	19111	A44	52966	14.37
			5, 6		1VL40	7962		AK84	19111	A44	52966	14.01
		AL6 (1)	3, 4, 5, 6	5/8	1VL34	13580	1	AK71H†	105484	A41	50500	13.98
			7, 8, 9, 10, 11		1VL34	13580		AK56	105482	A39	105493	14.25
		AL7 (1-1/2)	6, 7, 8, 9	5/8	1VL40	7962	1	AK71H†	105484	A42	101412	14.12
			10, 11, 12, 13		1VL44	105476		AK64	18797	A42	101412	13.91
			14, 15, 16, 17, 18		1VL40	7962		AK46	105481	A38	16048	14.18
		AL8 (2)	9, 10, 11	5/8	1VL40	7962	1	AK64	18797	A41	50500	14.21
			12, 13, 14, 15, 16		1VL44	105476		AK56	105482	A40	16019	14.07
			17, 18, 19 20		1VL40	7962		AK46	105481	A38	16018	14.18
	AK5 (208/3), AK6 (230/3), AK7 (460/3)		9, 10, 11	7/8	1VL40	106748	1	AK64	18797	A41	50500	14.21
			12, 13, 14, 15, 16		1VL44	106758		AK56	105482	A40	16019	14.07
			17, 18, 19 20		1VL44	106758		AK46	105481	A38	16018	14.18
	AK2 (208/1), AK3 (230/1)	AL9 (3)	9, 10, 11, 12	5/8	1VL40	7962	1	AK124	202652	A52	50513	12.14
			13, 14, 15, 16, 17, 18, 19		1VL40	7962		AK94	202653	A47	50474	12.14
			20, 21, 22, 23, 24, 25, 26		1VL40	7962		AK69	105483	A43	50470	12.02
	AK5 (208/3), AK6 (230/3), AK7 (460/3), AK8 (575/3)		9, 10, 11, 12, 13	7/8	1VL44	106758	1	AK99	50520	A54	16131	14.22
			14, 15, 16, 17, 18, 19		1VL44	106758		AK104	16153	A48	65403	13.97
		AL10 (5)	12, 13, 14, 15, 16, 17		2VP42	6599		2AK104	7955	A48	65403	14.11
			18, 19, 20, 21, 22		2VP50	8973		2AK104	7955	A49	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 38. Drive Components for TEFC-Type Motors ((H)(C)RGB, (H)(C)RPB, and RBA Models)

Unit Size	Voltage Option (Voltage/ Phase)	Motor Option (HP)	Drive (AM) Option	Motor Pulley			Blower Pulley			Belt		Shaft Centerline (Inches)
				Bore Size (Inches)	MFR's Model	PN	Bore Size (Inches)	MFR's Model	PN	MFR's Model	PN	
075, 100, 125	AK1 (115/1), AK2 (208/1), AK3 (230/1), AK5 (208/3), AK6 (230/3), AK7 (460/3)	AL19 (1/4)	1, 2, 3, 4	5/8	1VL34	13580	3/4	AK84	19110	A40	16019	12.32
			5, 6, 7, 8, 9		1VL40	7962		AK74	111607	A39	105493	12.56
		AL20 (1/3)	2, 3, 4	1/2	1VP34	4074	3/4	AK84	19110	A39	105493	11.82
			5, 6, 7, 8		1VL40	13491		AK74	111607	A38	16018	11.56
			9, 10, 11, 12, 13, 14		1VP34	4074		AK46	105477	A33	101291	11.56
	AK1 (115/1), AK2 (208/1), AK3 (230/1), AK5 (208/3), AK6 (230/3), AK7 (460/3), AK8 (575/3)	AL21 (1/2)	5, 6, 7, 8	5/8	1VL34	13580	3/4	AK64	19108	A36	105490	12.57
			9, 10, 11		1VL44	105476		AK71H*	105484	A39	105493	12.32
			12, 13, 14, 15, 16, 17, 18		1VL34	13580		AK41	105478	A33	101291	12.46
		AL22 (3/4)	7, 8, 9, 10	5/8	1VL40	7962	3/4	AK64	19108	A38	16018	12.70
			11, 12, 13, 14, 15		1VL34	13580		AK46	105477	A34	105488	12.56
			16, 17, 18, 19, 20, 21, 22		1VL40	7962		AK41	105478	A34	105488	12.58
		AL23 (1)	9, 10, 11, 12, 13, 14, 15	5/8	1VL34	13580	3/4	AK46	105477	A34	105488	12.56
			16, 17, 18, 19, 20, 21, 22		1VL40	7962		AK41	105478	A34	105488	12.50
	AK1 (115/1), AK2 (208/1), AK3 (230/1), AK5 (208/3), AK6 (230/3), AK7 (460/3)	AL24 (1-1/2)	11, 12, 13	5/8	1VL44	105476	3/4	AK64	19108	A38	16018	12.40
			14, 15, 16, 17		1VL40	7962		AK49	105479	A35	105489	12.43
			18, 19, 20, 21, 22		1VL40	7962		AK41	105478	A34	105488	12.58
	AK8 (575/3)		11, 12, 13	7/8	1VL44	106758	3/4	AK64	19108	A38	16018	12.40
			14, 15, 16, 17		1VL40	106748		AK49	105479	A35	105489	12.43
			18, 19, 20, 21, 22		1VL40	106748		AK41	105478	A34	105488	12.58
	AK3 (230/1), AK5 (208/3), AK6 (230/3), AK7 (460/3), AK8 (575/3)	AL25 (2)	13, 14, 15, 16, 17	7/8	1VL40	106748	3/4	AK49	105479	A35	105489	12.43
			18, 19, 20, 21, 22		1VL40	106748		AK41	105478	A34	105488	12.58
	AK5 (208/3), AK6 (230/3), AK7 (460/3), AK8 (575/3)	AL26 (3)	13, 14, 15, 16 ,17	7/8	1VM50	37451	3/4	BK140	111606	B52	92221	12.46
			18, 19, 20, 21, 22, 23, 24		1VM50	37451		AK74	111607	A39	105493	12.27
150, 175, 200, 225, RBA	AK1 (115/1), AK2 (208/1), AK3 (230/1), AK5 (208/3), AK6 (230/3), AK7 (460/3)	AL19 (1/4)**	2, 3, 4	5/8	1VL34	13580	1	AK84	19111	A44	52966	13.86
		AL20 (1/3)	2, 3, 4	1/2	1VL34	4074		AK84	19111	A43	50470	13.86
			5, 6, 7		1VL34	4074		AK64	18797	A40	16019	14.08
	AK1 (115/1), AK2 (208/1), AK3 (230/1), AK5 (208/3), AK6 (230/3), AK7 (460/3), AK8 (575/3)	AL21 (1/2)	2, 3, 4	5/8	1VL34	13580	1	AK84	19111	A43	50470	14.00
			5, 6, 7, 8		1VL34	13580		AK64	18797	A40	16019	14.08
			9, 10, 11		1VL34	13580		AK46	105481	A37	105491	14.06
		AL22 (3/4)	5, 6, 7, 8	5/8	1VL34	13580	1	AK64	18797	A40	16019	14.58
			9, 10, 11, 12, 13, 14, 15		1VL34	13580		AK46	105481	A34	105488	14.56
		AL23 (1)	7, 8	5/8	1VL34	13580	1	AK64	18797	A40	16019	14.08
			9, 10, 11, 12, 13, 14		1VL34	13580		AK46	105481	A34	105491	14.06
			15, 16, 17		1VL40	7962		AK46	105481	A38	16018	14.18
	AK1 (115/1), AK2 (208/1), AK3 (230/1), AK5 (208/3), AK6 (230/3), AK7 (460/3)	AL24 (1-1/2)	9, 10, 11	5/8	1VL44	105476	1	AK71H*	105484	A42	101412	13.83
			12, 13, 14, 15, 16		1VL44	105476		AK56	105482	A40	16019	14.07
			17, 18		1VL40	7962		AK46	105481	A38	16018	14.18
	AK8 (575/3)		9, 10, 11	7/8	1VL44	106758	1	AK71H*	105484	A42	101412	13.83
			12, 13, 14, 15, 16		1VL40	106748		AK56	105482	A40	16019	14.07
			17, 18		1VL40	106748		AK46	105481	A38	16018	14.18

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

**Not applicable to unit sizes 200 or 225.

Table 38. Drive Components for TEFC-Type Motors ((H)(C)RGB, (H)(C)RPB, and RBA Models)—Cont.

Unit Size	Voltage Option (Voltage/ Phase)	Motor Option (HP)	Drive (AM) Option	Motor Pulley			Blower Pulley			Belt		Shaft Centerline (Inches)
				Bore Size (Inches)	MFR's Model	PN	Bore Size (Inches)	MFR's Model	PN	MFR's Model	PN	
150, 175, 200, 225, RBA	AK3 (230/1), AK5 (208/3), AK6 (230/3), AK7 (460/3), AK8 (575/3)	AL25 (2)	9, 10, 11	7/8	1VL40	106748	1	AK64	18797	A41	50500	14.21
			12, 13, 14, 15, 16, 17		1VL44	106758		AK56	105482	A40	16019	14.07
			18, 19, 20		1VL40	106748		AK46	105481	A38	16018	14.18
	AK5 (208/3), AK6 (230/3), AK7 (460/3), AK8 (575/3)	AL26 (3)	13, 14, 15, 16, 17	7/8	1VL40	106748	1	AK99	111609	A47	50474	14.20
			18, 19, 20, 21		1VL40	106748		AK84	19111	A44	52966	14.00
250, 300	AK1 (115/1), AK2 (208/1), AK3 (230/1), AK5 (208/3), AK6 (230/3), AK7 (460/3), AK8 (575/3)	AL21 (1/2)	2, 3, 4	5/8	1VL34	13580	1	AK84	19111	A39	105493	11.82
			5, 6, 7, 8		1VL34	13580		AK64	18797	A36	105490	12.06
		AL22 (3/4)	5, 6, 7	5/8	1VL34	13580	1	AK64	18797	A36	105490	12.06
			8, 9, 10, 11		1VL34	13580		AK56	105482	A35	105489	12.24
		AL23 (1)	7, 8, 9, 10, 11	5/8	1VL34	13580	1	AK56	105482	A35	105489	12.24
			12, 13, 14, 15, 16		1VL34	13580		AK46	105481	A33	101291	12.06
	AK1 (115/1), AK2 (208/1), AK3 (230/1), AK5 (208/3), AK6 (230/3), AK7 (460/3)	AL24 (1-1/2)	9, 10, 11	5/8	1VL40	7962	1	AK64	18797	A37	105491	12.20
			12, 13, 14, 15, 16		1VL44	105476		AK56	105482	A37	105491	12.06
			17, 18, 19, 20, 21, 22, 23		1VL44	105476		AK46	105481	A35	105489	12.37
	AK8 (575/3)		9, 10, 11	7/8	1VL40	106748	1	AK64	18797	A37	105491	12.20
			12, 13, 14, 15, 16		1VL44	106758		AK56	105482	A37	105491	12.06
			17, 18, 19, 20, 21, 22, 23		1VL44	106758		AK46	105481	A35	105489	12.37
	AK5 (208/3), AK6 (230/3), AK7 (460/3), AK8 (575/3)	AL25 (2)	9, 10, 11	7/8	1VL40	106748	1	AK64	18797	A37	105491	12.2
			12, 13, 14, 15, 16		1VL44	106758		AK56	105482	A36	105490	12.06
			17, 18, 19, 20, 21, 22, 23		1VL44	106758		AK46	105481	A35	105489	12.37
		AL26 (3)	13, 14, 15, 16, 17	7/8	1VL40	106748	1	AK99	111609	A43	50470	12.14
			18, 19, 20, 21, 22		1VM50	37451	1	AK104	16153	A45	50472	12.02
350, 400	AK1 (115/1), AK2 (208/1), AK3 (230/1), AK5 (208/3), AK6 (230/3), AK7 (460/3)	AL22 (3/4)	2, 3, 4	5/8	1VL34	13580	1	AK84	19111	A44	52966	14.37
			5, 6		1VL40	7962		AK84	19111	A44	52966	14.01
		AL23 (1)	3, 4, 5, 6	5/8	1VL34	13580	1	AK71H†	105484	A41	50500	13.98
			7, 8, 9, 10, 11		1VL34	13580		AK56	105482	A39	105493	14.25
	AK1 (115/1), AK2 (208/1), AK3 (230/1), AK5 (208/3), AK6 (230/3), AK7 (460/3)	AL24 (1-1/2)	6, 7, 8, 9	5/8	1VL40	7962	1	AK71H†	105484	A42	101412	14.12
			10, 11, 12, 13		1VL44	105476		AK64	18797	A42	101412	13.91
			14, 15, 16, 17, 18		1VL40	7962		AK46	105481	A38	16018	14.18
	AK8 (575/3)		6, 7, 8, 9	7/8	1VL40	106748	1	AK71H†	105484	A42	101412	14.12
			10, 11, 12, 13		1VL44	106758		AK64	18797	A42	101412	13.91
			14, 15, 16, 17, 18		1VL40	106748		AK46	105481	A38	16018	14.18
	AK5 (208/3), AK6 (230/3), AK7 (460/3)	AL25 (2)	9, 10, 11	7/8	1VL40	106748	1	AK64	18797	A41	50500	14.21
			12, 13, 14, 15, 16		1VL44	106758		AK56	105482	A40	16019	14.07
			17, 18, 19, 20		1VL40	106748		AK46	105481	A38	16018	14.18
	AK5 (208/3), AK6 (230/3), AK7 (460/3), AK8 (575/3)	AL26 (3)	9, 10, 11, 12, 13	7/8	1VL44	106758	1	AK99	50520	A54	16131	14.22
			14, 15, 16, 17, 18, 19		1VL44	106758		AK104	16153	A48	65403	13.97

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

Table 39. Drive Components for EE-Type Motors ((H)(C)RGB, (H)(C)RPB, and RBA Models)

Unit Size	Voltage Option (Voltage/ Phase)	Motor Option (HP)	Drive (AM) Option	Motor Pulley			Blower Pulley			Belt		Shaft Centerline (Inches)
				Bore Size (Inches)	MFR's Model	PN	Bore Size (Inches)	MFR's Model	PN	MFR's Model	PN	
075, 100, 125	AK5 (208/3), AK6 (230/3), AK7 (460/3), AK8 (575/3)	AL36 (1)	9, 10, 11, 12, 13, 14, 15	7/8	1VP34	110125	3/4	AK46	105477	A34	105488	12.56
			16, 17, 18, 19, 20, 21, 22		1VL40	106748		AK41	105478	A34	105488	12.50
		AL37 (1-1/2)	11, 12, 13	7/8	1VL44	106758	3/4	AK64	19108	A38	16018	12.40
			14, 15, 16, 17		1VL40	106748		AK49	105479	A35	105489	12.43
			18, 19, 20, 21, 22		1VL40	106748		AK41	105478	A34	105488	12.58
		AL38 (2)	13, 14, 15, 16, 17	7/8	1VL40	106748	3/4	AK49	105479	A35	105489	12.43
			18, 19, 20, 21, 22		1VL40	106748		AK41	105478	A34	105488	12.58
		AL39 (3)	13, 14, 15, 16, 17	7/8	1VM50	37451	3/4	BK140	111606	B52	92221	12.46
			18, 19, 20, 21, 22, 23, 24		1VM50	37451		AK74	111607	A39	105493	12.27
150, 175, 200, 225, RBA	AK5 (208/3), AK6 (230/3), AK7 (460/3), AK8 (575/3)	AL36 (1)	7, 8	7/8	1VP34	110125	1	AK64	18797	A40	16019	14.08
			9, 10, 11, 12, 13, 14		1VP34	110125		AK46	105481	A36	105490	14.06
			15, 16, 17		1VL40	106748		AK46	105481	A38	16018	14.18
		AL37 (1-1/2)	9, 10, 11	7/8	1VL44	106758	1	AK71H†	105484	A42	101412	13.83
			12, 13, 14, 15, 16		1VL44	106758		AK56	105482	A40	16019	14.07
			17, 18, 19, 20		1VL40	106748		AK46	105481	A38	16018	14.18
		AL38 (2)	9, 10, 11	7/8	1VL40	106748	1	AK64	18797	A41	50500	14.21
			12, 13, 14, 15, 16, 17		1VL44	106758		AK56	105482	A40	16019	14.07
			18, 19, 20		1VL40	106748		AK46	105481	A38	16018	14.18
		AL39 (3)	13, 14, 15, 16, 17	7/8	1VL40	106748	1	AK99	111609	A47	50474	14.20
			18, 19, 20, 21		1VL40	106748		AK84	19111	A44	52966	14.00
250, 300	AK5 (208/3), AK6 (230/3), AK7 (460/3), AK8 (575/3)	AL36 (1)	7, 8, 9, 10, 11	7/8	1VP34	110125	1	AK56	105482	A35	105489	12.24
			12, 13, 14, 15, 16		1VP34	110125		AK46	105481	A33	101291	12.06
		AL37 (1-1/2)	9, 10, 11	7/8	1VL40	106748	1	AK64	18797	A37	105491	12.20
			12, 13, 14, 15, 16		1VL44	106758		AK56	105482	A36	105490	12.06
			17, 18, 19, 20, 21, 22, 23		1VL44	106758		AK46	105481	A35	105489	12.37
		AL38 (2)	9, 10, 11	7/8	1VL40	106748	1	AK64	18797	A37	105491	12.20
			12, 13, 14, 15, 16		1VL44	106758		AK56	105482	A36	105490	12.06
			17, 18, 19, 20, 21, 22, 23		1VL44	106758		AK46	105481	A35	105489	12.37
		AL39 (3)	13, 14, 15, 16, 17	7/8	1VL40	106748	1	AK99	111609	A43	40570	12.14
			18, 19, 20, 21, 22		1VM50	37451		AK104	16153	A45	50472	12.02
350, 400	AK5 (208/3), AK6 (230/3), AK7 (460/3), AK8 (575/3)	AL36 (1)	3, 4, 5, 6	7/8	1VP34	110125	1	AK71H†	105484	A41	50500	13.98
			7, 8, 9, 10, 11		1VP34	110125		AK56	105482	A39	105493	14.25
		AL37 (1-1/2)	6, 7, 8, 9	7/8	1VL40	106748	1	AK71H†	105484	A42	101412	14.12
			10, 11, 12, 13		1VL44	106758		AK46	18797	A42	101412	13.91
			14, 15, 16, 17, 18		1VL40	106748		AK64	105481	A38	16048	14.18
	AK5 (208/3), AK6 (230/3), AK7 (460/3), AK8 (575/3)	AL38 (2)	9, 10, 11	7/8	1VL40	106748	1	AK56	18797	A41	50500	14.21
			12, 13, 14, 15, 16		1VL44	106758		AK46	105482	A40	16019	14.07
			17, 18, 19, 20		1VL40	106748		AK99	105481	A38	16018	14.18
		AL39 (3)	9, 10, 11, 12, 13	7/8	1VL44	106758	1	AK104	50520	A54	16131	14.22
			14, 15, 16, 17, 18, 19		1VL44	106758		2AK104	16153	A48	65403*	13.97

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

*Quantity is two (2).

Table 40. Drive Components for Two-Speed Motors ((H)(C)RGB, (H)(C)RPB, and RBA Models)

Unit Size	Voltage Option (Voltage/ Phase)	Motor Option (HP)	Drive (AM) Option	Motor Pulley			Blower Pulley			Belt		Shaft Centerline (Inches)
				Bore Size (Inches)	MFR's Model	PN	Bore Size (Inches)	MFR's Model	PN	MFR's Model	PN	
075, 100, 125	AK1 (115/1), AK2 (208/1), AK3 (230/1), AK5 (208/3), AK6 (230/3), AK7 (460/3)	AL45 (1)	9, 10, 11, 12, 13, 14, 15	7/8	1VP34	110125	3/4	AK46	105477	A34	105488	12.56
			16, 17, 18, 19, 20, 21, 22		1VL40	106748		AK41	105478	A34	105488	12.50
		AL46 (1-1/2)	11, 12, 13	7/8	1VL44	106758	3/4	AK64	19108	A38	16018	12.40
			14, 15, 16, 17		1VL40	106748		AK49	105479	A35	105489	12.43
			18, 19, 20, 21, 22		1VL40	106748		AK41	105478	A34	105488	12.58
		AL47 (2)	13, 14, 15	1-1/8	1VP50	111681	3/4	AK71	111682	A40	16019	12.38
			16, 17, 18, 19, 20		1VP50	111681		AK59	111684	A38	16018	12.36
			21, 22, 23, 24		1VP50	111681		BK57	110762	B38	110763	12.20
		AL48 (3)	13, 14, 15	1-1/8	1VP50	111681	3/4	AK71	111682	A40	16019	12.38
			16, 17, 18,19, 20		1VP50	111681		AK59	111684	A38	1018	12.36
			21, 22 23, 24		1VM50	111681		BK57	110762	B38	110763	12.20
150, 175, 200, 225, RBA	AK1 (115/1), AK2 (208/1), AK3 (230/1), AK5 (208/3), AK6 (230/3), AK7 (460/3)	AL45 (1)	7, 8	7/8	1VP34	110125	1	AK64	18797	A40	16019	14.08
			9, 10, 11, 12, 13, 14		1VP34	110125		AK46	105481	A36	105490	14.06
			15, 16, 17		1VL40	106748		AK46	105481	A38	16018	14.18
		AL46 (1-1/2)	9, 10, 11	7/8	1VL44	106758	1	AK71H†	105484	A42	101412	13.83
			12, 13, 14, 15, 16		1VL44	106758		AK56	105482	A40	16019	14.07
			17, 18, 19, 20		1VL40	106748		AK46	105481	A38	16018	14.18
		AL47 (2)	12, 13, 14, 15, 16	1-1/8	1VP50	111681	1	AK69	105483	A43	50470	14.05
			17, 18, 19, 20		1VP50	111681		AK56	105482	A41	50500	14.11
			21, 22, 23, 24		1VP50	111681		AK49	111689	A40	16019	14.16
		AL48 (3)	13, 14, 15, 16	1-1/8	1VP50	111681	1	AK69	105483	A43	50470	14.05
			17, 18, 19, 20		1VP50	111681		AK56	105482	A41	50500	14.11
			21, 22, 23, 24		1VP50	111681		AK49	111689	A40	16019	14.16
250, 300	AK5 (208/3), AK6 (230/3), AK7 (460/3)	AL45 (1)	7, 8, 9, 10, 11	7/8	1VP34	110125	1	AK56	105482	A35	105489	12.24
			12, 13, 14, 15, 16		1VP34	110125		AK46	105481	A33	101291	12.06
		AL48 (3)	13, 14, 15, 16	1-1/8	1VP50	111681	1	AK69	105483	A39	105493	12.04
			17, 18, 19, 20		1VP50	111681		AK59	115716	A45	105491	11.86
			21, 22, 23, 24		1VP50	111681		AK49	111689	A36	105490	12.16
350, 400	AK5 (208/3), AK6 (230/3), AK7 (460/3)	AL45 (1)	3, 4, 5, 6	7/8	1VP34	110125	1	AK71H†	105484	A41	50500	13.98
			7, 8, 9, 10, 11		1VP34	110125		AK56	105482	A39	105493	14.25
		AL46 (1-1/2)	6, 7, 8, 9	7/8	1VL40	106748	1	AK71H†	105484	A42	101412	14.12
			10, 11, 12, 13		1VL44	106758		AK64	18797	A40	16019	13.91
			14, 15, 16, 17, 18		1VL40	106748		AK46	105481	A38	16018	14.18
		AL47 (2)	12, 13, 14, 15, 16	1-1/8	1VP50	111681	1	AK69	105483	A43	50470	14.05
			17, 18, 19, 20		1VP50	111681		AK56	105482	A41	50500	14.11
			21, 22, 23, 24		1VP50	111681		AK49	111689	A40	16019	14.16
		AL48 (3)	12, 13, 14, 15, 16	1-1/8	1VP50	111681	1	AK69	105483	A43	50470	14.05
			17, 18, 19, 20		1VP50	111681		AK56	105482	A41	50500	14.11
			21, 22, 23, 24		1VP50	111681		AK49	111689	A40	16019	14.16
		AL10 (5)	AM12,13,14,15,16,17	7/8	2VP42	6599	1	2AK104	7955	A48	65403*	14.11
			AM18,19,20,21,22		2VP50	8973		2AK104	7955	A49	50472*	14.06

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

*Quantity is two (2).

BLOWER MOTOR DRIVE COMPONENTS—CONTINUED

Table 41. Drive Components for Open-Type Motors (RGBL, RPBL, PGBL, and RBL Models)

Voltage Option (Voltage/ Phase)	Motor Option (HP)	Drive (AM) Option	Motor Pulley			Blower Pulley			Belt		Shaft Centerline (Inches)
			Bore Size (Inches)	MFR's Model	PN	Bore Size (Inches)	MFR's Model	PN	MFR's Model	PN (QTY)*	
AK1 (115/1), AK2 (208/1), AK3 (230/1), AK5 (208/3), AK6 (230/3), AK7 (460/3), AK8 (575/3)	AL6 (1)	2, 3, 4	5/8	1VL34	13580	1-3/16	AK84	111862	A57	16134	20.94
		5, 6, 7					AK71H	105484[a]			21.03
	AL7 (1-1/2)	3, 4, 5, 6, 7	5/8	1VL34	13580	1-3/16			A57	16134	21.03
		8, 9, 10, 11		1VL44	105476		AK74	106256			21.11
	AL8 (2)	3, 4, 5, 6, 7	7/8	1VP34	110125	1-3/16	AK71H	105484[a]	A55	16132	20.03
		8, 9, 10, 11		1VL44	106758				A56	16133	20.85
		12, 13, 14, 15, 16					AK56H	110807[a]	A54	16131	21.07
AK2 (208/1), AK3 (230/1), AK5 (208/3), AK6 (230/3), AK7 (460/3), AK8 (575/3)	AL9 (3)	7, 8, 9	7/8	1VM50	37451	1-3/16	AK184	16160	A78	92264	20.95
		10, 11, 12, 13		1VL44	106758		AK134	16158	A69	16558	20.96
		14, 15, 16, 17, 18		1VM50	37451		AK124	16156	A66	111870	20.92
AK5 (208/3), AK6 (230/3), AK7 (460/3), AK8 (575/3)	AL10 (5)	8, 9, 10, 11	7/8	2VP42	6599	1-3/16	2AK134	16161	A68	92408	21.08
		12, 13, 14, 15		2VP36	87500		2BK100	16003	A61	88560	21.01
		16, 17, 18, 19, 20		2VP42	6599				A62	16137	21.08
	AL11 (7-1/2)	10, 11	1-3/8	2VP62	16150	1-3/16	2BK110	16168	B64	92414	20.47
		12, 13					2BK100	16003	B62	7950	20.31
		14, 15, 16					2TB86	91633[b]	BX59	92280	20.47
		17, 18, 19, 20		2VP65	110771		2BK80H	89648[a]			20.37
	AL12 (10)	10, 11	1-3/8	2VP62	16150	1-3/16	2BK110	16168	B64	92414	20.47
		12, 13					2BK100	16003	B62	7950	20.31
		14,15,16					2TB86	91633[b]	BX59	92280	20.47
		17, 18, 19, 20		2VP65	110771		2BK80H	89648[a]			20.37
AK5 (208/3), AK6 (230/3), AK7 (460/3), AK8 (575/3)	AL15 (15)	15, 16, 17, 18, 19, 20[c]	1-5/8	3MVPP40-B54	89644	1-7/16	3TB66H	106258[d]	B56	92224 (3)	20.47
		21, 22, 23, 24[c]					3BK65H	106262[e]			20.53
	AL16 (20)	17, 18, 19, 20, 21, 22, 23, 24[c]	1-5/8	3MVPP40-B54	89644	1-7/16	3BK65H	106262[e]	BX54	92239 (3)	20.11
	AL15 (15)	15, 16, 17[f]	1-5/8	2MVP70B84P	148593[g]	1-7/16	2BK120H	113811[h]	BX67	80841 (2)	20.47
		18, 19, 20, 21[f]		2MVP80B94Q	148594[i]		2B5V110	114045[d]	BX69	148605 (2)	20.53
		22, 23, 24[f]		2MVP70B84P	148593[g]		2B5V90	148597[d]	BX64	114258 (2)	20.11
	AL16 (20)	AM17[f]	1-5/8	2MVP70B84P	148593[g]	1-7/16	2BK120H	113811[h]	BX67	80841 (2)	20.47
		18, 19, 20, 21[f]		2MVP80B94Q	148594[i]		2B5V110	114045[d]	BX69	148605 (2)	20.53
		22, 23, 24[f]		2MVP70B84P	148593[g]		2B5V90	148597[d]	BX64	114258 (2)	20.11

[a]Uses a 1-3/16-inch *H* blower pulley bushing (PN 106260).

[b]Uses a 1-3/16-inch *Q1* blower pulley bushing (PN 39460).

[c]Three-groove drive.

[d]Uses a 1-7/16-inch *P1* blower pulley bushing (PN 106261).

[e]Uses a 1-7/16-inch *H* blower pulley bushing (PN 89659).

[f]Two-groove drive.

[g]Uses a 1-5/8-inch *P2* motor pulley bushing (PN 148595).

[h]Uses a 1-7/16-inch *B* blower pulley bushing (PN 114033).

[i]Uses a 1-5/8-inch *Q2* motor pulley bushing (PN 148596).

*Quantity is one (1) unless otherwise indicated.

Table 42. Drive Components for TEFC-Type Motors (RGBL, RPBL, PGBL, and RBL Models)

Voltage Option (Voltage/ Phase)	Motor Option (HP)	Drive (AM) Option	Motor Pulley			Blower Pulley			Belt		Shaft Centerline (Inches)
			Bore Size (Inches)	MFR's Model	PN	Bore Size (Inches)	MFR's Model	PN	MFR's Model	PN (QTY)*	
AK1 (115/1), AK2 (208/1), AK3 (230/1), AK5 (208/3), AK6 (230/3), AK7 (460/3), AK8 (575/3)	AL23 (1)	2, 3, 4	5/8	1VL34	13580	1-3/16	AK84	111862	A57	16134	20.94
		5, 6, 7					AK71H	105484[a]			21.03
AK1 (115/1), AK2 (208/1), AK3 (230/1), AK5 (208/3), AK6 (230/3), AK7 (460/3)	AL24 (1-1/2)	3, 4, 5, 6, 7	5/8	1VL34	13580	1-3/16	AK71H	105484[a]	A57	16134	21.03
		8, 9, 10, 11	5/8	1VL44	105476	1-3/16	AK74	106256			21.11
AK8 (575/3)		3, 4, 5, 6, 7	7/8	1VP34	110125	1-3/16	AK71H	105484[a]			21.03
		8, 9, 10, 11		1VL44	106758		AK74	106256			21.11
AK1 (115/1), AK3 (230/1), AK5 (208/3), AK6 (230/3), AK7 (460/3), AK8 (575/3)	AL25 (2)	3, 4, 5, 6, 7	7/8	1VP34	110125	1-3/16	AK71H	105484[a]	A55	16132	20.03
		8, 9, 10, 11		1VL44	106758		AK71H	105484[a]	A56	16133	20.85
		12, 13, 14, 15, 16					AK56H	110807[a]	A54	16131	21.07
AK1 (115/1), AK3 (230/1), AK5 (208/3), AK6 (230/3), AK7 (460/3)	AL26 (3)	7, 8, 9	7/8	1VM50	37451	1-3/16	AK184	16160	A78	92264	20.95
		10, 11, 12, 13		1VL44	106758		AK134	16158	A69	16558	20.96
		14, 15, 16, 17, 18		1VM50	37451		AK124	16156	A66	111870	20.92
AK8 (575/3)		7, 8, 9					AK184	16160	A78	92264	20.95
		10, 11, 12, 13		1VL44	106758		AK134	16158	A69	16558	20.96
		14, 15, 16, 17, 18		1VM50	37451		AK124	16156	A66	111870	20.92
AK3 (230/1), AK5 (208/3), AK6 (230/3), AK7 (460/3), AK8 (575/3)	AL27 (5)	8, 9, 10, 11	1-1/8	2VP42	7963	1-3/16	2AK134	16161	A67	16139	21.08
		12, 13, 14, 15		2VP50	105581		2AK134	16161	A68	92408	21.01
		16, 17, 18, 19, 20		2VP42	7963		2BK100	16003	A60	50477	21.08
AK3 (230/1), AK5 (208/3), AK6 (230/3), AK7 (460/3), AK8 (575/3)	AL32 (7-1/2)	10, 11	1-3/8	2VP62	16150	1-3/16	2BK110	16138	B64	92414	20.47
		12, 13					2BK100	16003	B62	7950	20.31
		14, 15, 16					2TB86	91633[b]	BX59	92280	20.47
		17, 18, 19, 20		2VP65	110771		2BK80H	89648[a]			20.37
	AL33 (10)	10, 11	1-3/8	2VP62	16150	1-3/16	2BK110	16168	B64	92414	20.47
		12, 13					2BK100	16003	B62	7950	20.31
		14, 15, 16					2TB86	91633[b]	BX59	92280	20.47
		17, 18, 19, 20		2VP65	110771		2BK80H	89648[a]			20.37
AK5 (208/3), AK6 (230/3), AK7 (460/3), AK8 (575/3)	AL34 (15 & 20)	15, 16, 17[c]	1-5/8	2MVP70B84P	148593[d]	1-7/16	2BK120H	113811[e]	BX67	80841 (3)	20.47
	AL35 (15 & 20)	18, 19, 20, 21[c]	1-5/8	2MVP80B94Q	148594[f]	1-7/16	2B5V110	114045[g]	BX69	148605 (3)	20.53
		22, 23, 24[c]		2MVP70B84P	148593[d]		2B5V90	148597[g]	BX64	114258 (3)	20.11
	AL34 (15)	15, 16, 17[h]	1-5/8	2MVP70B84P	148593[d]	1-7/16	2BK120H	113811[e]	BX67	80841 (2)	20.47
		18, 19, 20, 21[h]		2MVP80B94Q	148594[f]		2B5V110	114045[g]	BX69	148605 (2)	20.53
		22, 23, 24[h]		2MVP70B84P	148593[d]		2B5V90	148597[g]	BX64	114258 (2)	20.11
	AL35 (20)	17[h]	1-5/8	2MVP70B84P	148593[d]	1-7/16	2BK120H	113811[e]	BX67	80841 (2)	20.47
		18, 19, 20, 21[h]		2MVP80B94Q	148594[f]		2B5V110	114045[g]	BX69	148605 (2)	20.53
		22, 23, 24[h]		2MVP70B84P	148593[d]		2B5V90	148597[g]	BX64	114258 (2)	20.11

[a]Uses a 1-7/16-inch *H* blower pulley bushing (PN 89659).

[b]Uses a 1-3/16-inch *H* blower pulley bushing (PN 106260).

[c]Three-groove drive.

[d]Uses a 1-5/8-inch *P2* motor pulley bushing, PN 148595).

[e]Uses a 1-7/16-inch *B* blower pulley bushing (PN 114033).

[f]Uses a 1-5/8-inch *Q2* motor pulley bushing (PN 148596).

[g]Uses a 1-7/16-inch *P1* blower pulley bushing (PN 106261).

[h]Two-groove drive.

*Quantity is one (1) unless otherwise indicated.

Table 43. Drive Components for EE-Type Motors (RGBL, RPBL, PGBL, and RBL Models)

Voltage Option (Voltage/ Phase)	Motor Option (HP)	Drive (AM) Option	Motor Pulley			Blower Pulley			Belt		Shaft Centerline (Inches)
			Bore Size (Inches)	MFR's Model	PN	Bore Size (Inches)	MFR's Model	PN	MFR's Model	PN (QTY)*	
AK5 (208/3), AK6 (230/3), AK7 (460/3), AK8 (575/3)	AL36 (1)	2, 3, 4	7/8	1VP34	110125	1-3/16	AK84	111862	A57	16134	20.94
		5, 6, 7					AK71H	105484[a]	A55	16132	21.03
	AL37 (1-1/2)	3, 4, 5, 6, 7	7/8	1VP34	110125	1-3/16	AK71H	105484[a]	A55	16132	21.03
		8, 9, 10, 11		1VL44	106758		AK74	106256	A57	16134	21.11
	AL38 (2)	3, 4, 5, 6, 7	7/8	1VP34	110125	1-3/16	AK71H	105484[a]	A55	16132	20.03
		8, 9, 10, 11		1VL44	106758		AK71H	105484[a]	A56	16133	20.85
		12, 13, 14, 15, 16					AK56H	110807[a]	A54	16131	21.07
	AL39 (3)	7, 8, 9	7/8	1VM50	37451	1-3/16	AK184	16160	A78	92264	20.95
		10, 11, 12, 13		1VL44	106758		AK134	16158	A69	16558	20.96
		14, 15, 16, 17, 18		1VM50	37451		AK124	16156	A66	111870	20.92
	AL40 (5)	8, 9, 10, 11	1-1/8	2VP42	7963	1-3/16	2AK134	16161	A67	16139	21.08
		12, 13, 14, 15		2VP50	105581		2AK34	16161	A68	92408	21.01
		16, 17, 18, 19, 20		2VP42	7963		2BK100	16003	A60	50477	21.08
	AL41 (7-1/2)	10, 11	1-3/8	2VP62	16150	1-3/16	2BK110	16168	B64	92414	20.47
		12, 13					2BK100	16003	B62	7950	20.31
		14, 15, 16					2TB86	91633[b]	BX59	92280	20.47
		17, 18, 19, 20		2VP65	110771		2BK80H	89648[a]			20.37
	AL42 (10)	10, 11	1-3/8	2VP62	16150	1-3/16	2BK110	16168	B64	92414	20.47
		12, 13					2BK100	16003	B62	7950	20.31
		14, 15, 16					2TB86	91633[b]	BX59	92280	20.47
		17, 18, 19, 20		2VP65	110771		2BK80H	89648[a]			20.37
	AL43 (15 & 20)	15, 16, 17[c]	1-5/8	2MVP70B84P	148593[d]	1-7/16	2BK120H	113811[e]	BX67	80841 (3)	20.47
	AL44 (15 & 20)	18, 19, 20, 21[c]	1-5/8	2MVP80B94Q	148594[f]	1-7/16	2B5V110	114045[g]	BX69	148605 (3)	20.53
		22, 23, 24[c]		2MVP70B84P	148593[d]		2B5V90	148597[g]	BX64	114258 (3)	20.11
	AL43 (15)	15, 16, 17[h]	1-5/8	2MVP70B84P	148593[d]	1-7/16	2BK120H	113811[e]	BX67	80841 (2)	20.47
		18, 19, 20, 21[h]		2MVP80B94Q	148594[f]		2B5V110	114045[g]	BX69	148605 (2)	20.53
		22, 23, 24[h]		2MVP70B84P	148593[d]		2B5V90	148597[g]	BX64	114258 (2)	20.11
	AL44 (20)	17[h]	1-5/8	2MVP70B84P	148593[d]	1-7/16	2BK120H	113811[e]	BX67	80841 (2)	20.47
		18, 19, 20, 21[h]		2MVP80B94Q	148594[f]		2B5V110	114045[g]	BX69	148605 (2)	20.53
		22, 23, 24[h]		2MVP70B84P	148593[d]		2B5V90	148597[g]	BX64	114258 (2)	20.11

[a]Uses a 1-3/16-inch H blower pulley bushing (PN 106260).

[b]Uses a 1-3/16-inch Q1 blower pulley bushing (PN 39460).

[c]Three-groove drive.

[d]Uses a 1-7/16-inch B blower pulley bushing (PN 114033).

[e]Uses a 1-7/16-inch H blower pulley bushing (PN 89659).

[f]Uses a 1-5/8-inch P2 motor pulley bushing (PN 148595).

[g]Uses a 1-5/8-inch Q2 motor pulley bushing (PN 148596).

[h]Two-groove drive.

*Quantity is one (1) unless otherwise indicated.

Table 44. Drive Components for Two-Speed Motors (RGBL, RPBL, PGBL, and RBL Models)

Voltage Option (Voltage/ Phase)	Motor Option (HP)	Drive (AM) Option	Motor Pulley			Blower Pulley			Belt		Shaft Centerline (Inches)
			Bore Size (Inches)	MFR's Model	PN	Bore Size (Inches)	MFR's Model	PN	MFR's Model	PN	
AK5 (208/3), AK6 (230/3), AK7 (460/3)	AL45 (1)	2, 3, 4	7/8	1VP34	110125	1-3/16	AK84	111862	A57	16134	20.94
		5, 6, 7		1VP34	110125		AK71H	105484[a]	A55	16132	21.03
	AL46 (1-1/2)	3, 4, 5, 6, 7	7/8	1VP34	110125	1-3/16	AK71H	105484[a]	A55	16132	21.03
		8, 9, 10, 11		1VL44	106758		AK74	106256	A57	16134	21.11
	AL47 (2)	4, 5	1-1/8	1VP50	111681	1-3/16	AK124	16156	A66	111870	20.92
		6, 7, 8, 9		1VP44	110151		AK84	111862	A59	92402	21.28
		10, 11, 12, 13		1VP44	110151		BK85H	112026[a]	B57	92225	21.22
		14, 15, 16, 17, 18, 19		1VP44	110151		BK60	112035	BX54	92239	20.93
	AL48 (3)	4, 5	1-1/8	1VP50	111681	1-3/16	AK124	16156	A66	111870	20.92
		6, 7, 8, 9		1VP44	110151		AK84	111862	A59	92402	21.28
		10, 11, 12, 13		1VP44	110151		BK75H	112026[a]	B57	92225	21.22
		14, 15, 16, 17, 18, 19		1VP44	110151		BK60	112035	BX54	92239	20.93
	AL49 (5)	8, 9, 10, 11	1-3/8	2VP60	106257	1-3/16	2BK110	16168	B65	6010	21.28
		12, 13, 14, 15		2VP60	106257		2BK90	16167	BX61	92289	20.93
		16, 17, 18, 19, 20		2VP60	106257		2TB70	92419[b]	B59	16143	21.07
	AL50 (7-1/2)	10, 11	1-3/8	2VP62	16150	1-3/16	2BK110	16168	B64	92414	20.47
		12, 13		2VP62	16150		2BK100	16003	B62	7950	20.31
		14, 15, 16		2VP62	16150		2TB86	91633[b]	BX59	92280	20.47
		17, 18, 19, 20		2VP65	110771		2BK80H	89648[a]	BX59	92280	20.37
	AL51 (10)	13, 14, 15, 16	1-5/8	2MPV40-B54	91615	1-3/16	2BK80H	89648[a]	B58	92226	20.47
		17, 18, 19, 20, 21, 22		2MPV40-B54	91615		2BK70H	110810[a]	B57	92225	20.37

[a]Uses a 1-3/16-inch H blower pulley bushing (PN 106260).

[b]Uses a 1-3/16-inch Q1 blower pulley bushing (PN 39460).

Table 45. Drive Components for Open-Type Motors (RBHA Models)

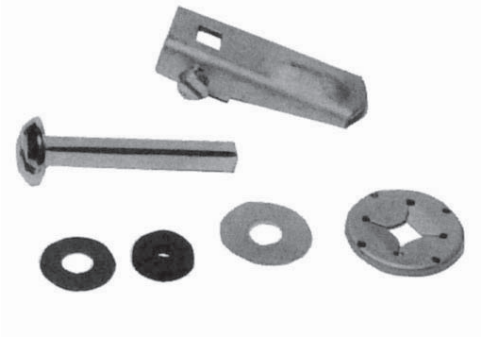
Voltage Option (Voltage/ Phase)	Motor Option (HP)	Drive (AM) Option	Motor Pulley			Blower Pulley			Belt		Shaft Centerline (Inches)
			Bore Size (Inches)	MFR's Model	PN	Bore Size (Inches)	MFR's Model	PN	MFR's Model	PN	
AK1 (115/1), AK2 (208/1), AK3 (230/1), AK5 (208/3), AK6 (230/3), AK7 (460/3)	AL2 (1/4)	1, 2	1/2	1VL34	4074	1	AK99	111609	A61	88560	21.16
		3, 4		1VL34	4074		AK84	19111	A58	50476	20.94
	AL3 (1/3)	1, 2	1/2	1VP34	4074	1	AK99	111609	A61	88560	21.16
		3, 4		1VP34	4074		AK84	19111	A58	50476	20.94
		5, 6, 7		1VP34	4074		AK64	18797	A55	16132	21.11
	AL4 (1/2)	1, 2	5/8	1VL34	13580	1	AK99	111609	A62	16137	21.66
		3, 4, 5		1VL44	105476		AK104	16153	A64	80836	21.59
		6, 7, 8		1VL34	13580		AK64	18797	A56	16133	21.61
		9, 10, 11		1VM50	13013		AK84	19111	A61	88560	21.34
	AL5 (3/4)	3, 4, 5	5/8	1VL44	105476	1	AK104	16153	A64	80836	21.59
		6, 7, 8		1VL34	13580		AK64	18797	A56	16133	21.61
		9, 10, 11		1VM50	13013		AK84	19111	A61	88560	21.34
		12, 13, 14, 15, 16, 17, 18		1VL40	7962		AK49	111689	A54	16131	21.44
AK1 (115/1), AK2 (208/1), AK3 (230/1), AK5 (208/3), AK6 (230/3), AK7 (460/3), AK8 (575/3)	AL6 (1)	5, 6, 7	5/8	1VM50	13013	1	AK104	16153	A66	111870	22.16
		8, 9, 10, 11		1VM50	13013		AK84	19111	A61	88560	21.34
		12, 13, 14, 15, 16, 17, 18		1VL40	7962		AK49	111689	A54	16131	21.44
AK1 (115/1), AK2 (208/1), AK3 (230/1), AK5 (208/3), AK6 (230/3), AK7 (460/3), AK8 (575/3)	AL7 (1-1/2)	5, 6, 7	5/8	1VM50	13013	1	AK104	16153	A66	111870	22.16
		8, 9, 10, 11		1VM50	13013		AK84	19111	A61	88560	21.34
		12, 13, 14, 15, 16, 17, 18		1VL40	7962		AK49	111689	A54	16131	21.44
		19, 20, 21, 22, 23		1VL44	105476		AK46	105481	A54	16131	21.37
AK1 (115/1), AK2 (208/1), AK3 (230/1), AK8 (575/3)	AL8 (2)	8, 9, 10, 11	5/8	1VM50	13013	1	AK84	19111	A61	88560	21.34
		12, 13, 14, 15, 16, 17, 18		1VL40	7962		AK49	111689	A54	16131	21.44
		19, 20, 21, 22, 23		1VL44	105476		AK46	105481	A54	16131	21.37
AK5 (208/3), AK6 (230/3), AK7 (460/3)		8, 9, 10, 11	7/8	1VM50	37451		AK84	19111	A61	88560	21.34
		12, 13, 14, 15, 16, 17, 18		1VL44	106758		AK49	111689	A54	16131	21.44
		19, 20, 21, 22, 23		1VL44	106758		AK46	105481	A54	16131	21.37
AK2 (208/1), AK3 (230/1)	AL9 (3)	11, 12, 13, 14, 15	7/8	1VL44	106758	1	BK130	101414	B58	16145	21.54
		16, 17, 18, 19		1VL40	106748		AK84	19111	A60	50477	21.57
		20, 21, 22, 23		1VM50	37451		AK104	16153	A66	111870	22.17
AK5 (208/3), AK6 (230/3), AK7 (460/3), AK8 (575/3)		11, 12, 13, 14, 15		1VL44	106758		BK130	101414	B58	16145	21.54
		16, 17, 18, 19		1VL40	106748		AK84	19111	A60	50477	21.57
		20, 21, 22, 23		1VM50	37451		AK104	16153	A66	111870	22.17
	AL10 (5)	13, 14, 15, 16, 17	7/8	2VP36	87500	1	2BK100H†	89649	BX62	92411	21.54
		18, 19, 20, 21, 22, 23, 24		2VP42	6599		2AK84	87504	A60	50477	21.43

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

NOTES:

- **Replacement door latch kit components are shown in Figure 21.**
- **Components for RGB and RPB model B-type blower cabinet sections are shown in Figure 22 and listed in Table 46.**
- **Components for RGBL, RPBL, and PGBL model BL-type blower cabinet sections are shown in Figure 23 and Figure 24 and are listed in Table 48.**
- **Blower cabinet components for RBA, RBHA, and RBL models are shown in models are shown in Figure 25 and Figure 26 and are listed in Table 49. Note that model RBL and RBA cabinet parts may be of either uninsulated single-wall construction, insulated single-wall construction, or double-wall construction that consists of two metal panels with insulation between. Select the replacement part that matches the original construction. Model RBHA is available only in insulated single-wall construction.**
- **Optional cooling coil cabinet components for RGB, RPB, RGBL, and RPBL models (option AU2, AU3, AU11, AU12, AU13, or AU14) manufactured *after* APR 1999 are shown in Figure 27 and listed in Table 50. Parts listed do not apply to option AU1 cooling coil cabinets manufactured *before* MAY 1999. Note that a system with a cooling coil cabinet requires a special curb cap and is is designed to be factory-ordered with the system. Although it is shipped separately for field installation, the cooling coil cabinet is not designed to be added to an already installed system. For a replacement cooling coil, contact your distributor and supply all model and rating plate information.**
- **Downturn plenum cabinet components for RGB, RPB, RGBL, RPBL, and RBL (blower cabinet) models are shown in Figure 28 and listed in Table 52.**

Kit PN 112974



Assembly Sequence

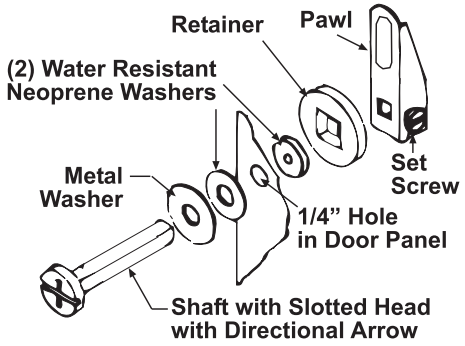


Figure 21. Replacement Door Latch Kit

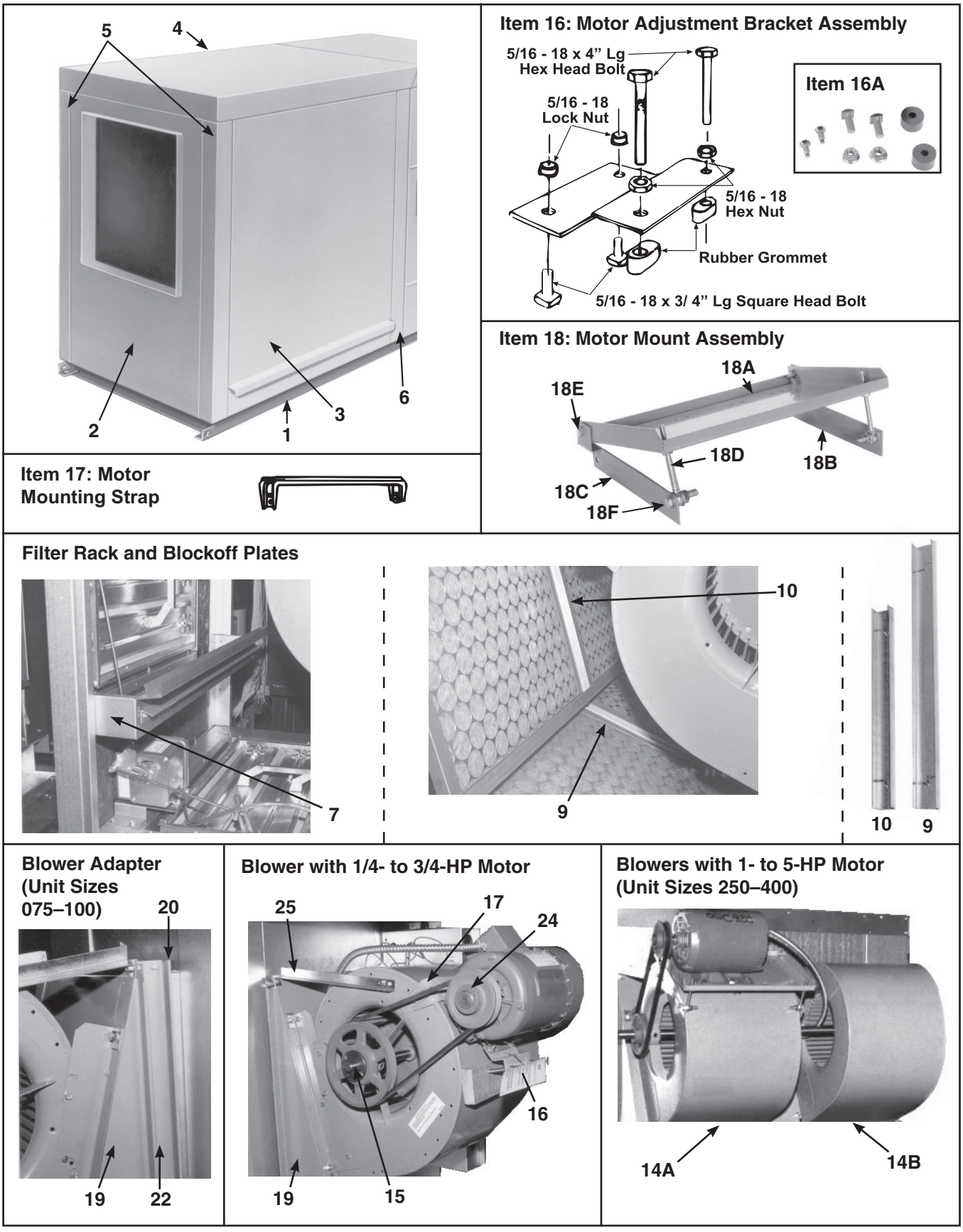


Figure 22. RGB and RPB Model B-Type Blower Cabinet Section Components (Refer to Table 46)

Table 46. RGB and RPB Model B-Type Blower Cabinet Section Components

Item No.	Component	Description	Model (C)(H)RGB and RPB Unit Sizes						
			075, 100	125	150, 175	200, 225	250, 300	350	400
			PN (Quantity)*						
1	Bottom panel (refer to Table 47)	Solid (no opening)	103752		103753	103754	103755	103756	103757
		100% opening	103562		103563	103564	103565	103566	103567
1A	Insulation retainer	Bottom panel, solid (no opening)	110963		110964	110965	110966	110967	110968
		Bottom panel, 100% opening	110970		110971	110972	110973	110974	110975
2	End panel (refer to Table 47)	Solid (no opening)	103617		103618	103619	103620	103621	103622
		Solid (no opening), double-wall (option AY3)	105547		105548	105549	105550	105551	105552
		30% opening	105111		105112	105113	105114	105115	105116
		30% opening, double-wall (option AY3)	105553		105554	105555	105556	105557	105558
		100% opening	103638		103639	103640	103641	103642	103643
		100% opening, double-wall (option AY3)	105541		105542	105543	105544	105545	105546
3	Blower door	Standard	100347 (2)						
		Double-wall (option AY3)	104115 (2)						
4	Cabinet top	Assembly	103598		103599	103600	103601	103602	103603
4A	Insulation retainer	Cabinet top	100246		100247	100248	100249	100250	100251
5	Post	Corner	114761 (2)						
5A	Cap	Corner post	100072 (2)						
6	Leg	Cabinet	100027 (2)						
6A	Cabinet leg cap	Right	100069						
6B		Left	100071						
7	Filter rack assembly	Middle	104058		104059	104060	104061	104062	104063
8		Bottom	104072		104073	104074	104075	104076	104077
9	Blockoff plate	Horizontal	Refer to Table 53						
10		Vertical							
11	End panel/filter support	Assembly	104079		104080	104081	104082	104083	104084
12	Seal angle	Blower top door	111023 (2)						111024 (2)
13		Top end panel	110977		110978	110979	110980	110981	110982
14	Blower assembly	Housing, shaft, wheel, and bearings, Lau #A10-10AC	1357		—				
		Housing, shaft, wheel, and bearings, Lau #A12-12AC	—		1360		—		
14A		Right-hand housing and wheel only, Lau #2A10-10A	—				24229	—	
		Right-hand housing and wheel only, Lau #2A12-12A	—					24231	
14B		Left-hand housing and wheel only, Lau #2A10-10A	—				24230	—	
		Left-hand housing and wheel only, Lau #2A12-12A	—					24232	
15	Blower shaft	3/4 × 22 inches	11302		—				
		1 × 22 inches	—		11303		—		
		1 × 37-1/4 inches (options AY2 and AY3)	—				1042406	—	
		1 × 39-1/4 inches	—				10120	—	
		1 × 44-5/8 inches	—					10121	
15A	Bearing	Blower shaft	7310 (2)		10437 (2)				
16	Bracket	Motor adjustment, assembly, 1/4- to 3/4-HP motor	44411						
16A	Hardware	Bag, motor adjustment bracket assembly	64940						
17	Mounting strap	Motor, 1/4- to 3/4-HP motor	44409		44410		44409	44410	
18	Motor mount	Assembly, 1- to 5-HP motor	—						
18A	Mounting plate	Motor, 1- to 3-HP motor	12578		12579		12578	12579	
		Motor, 5-HP motor	—		12578				
18B	Motor support	Left	12576						
18C		Right	12577						
18D	Rod bolt	Motor-mounting	12489 (2)						

*Quantity is one (1) unless otherwise indicated.

Table 46. RGB and RPB Model B-Type Blower Cabinet Section Components—Cont.

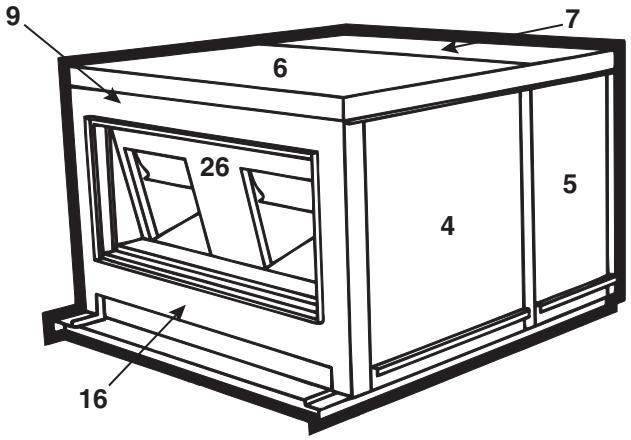
Item No.	Component	Description	Model (C)(H)RGB and RPB Unit Sizes						
			075, 100	125	150, 175	200, 225	250, 300	350	400
			PN (Quantity)*						
18E	Bolt	Motor-mounting	16247 (6)						
18F			16248 (2)						
18G	Nut		6554 (6)						
18H	Washer		1087 (6)						
18J	Threaded insert		124260 (6)						
19	Blower adapter	Back	193986		194054	194093	193988	194063	194064
20		Top	53277	—					
21		Bottom	53277						
22		Right side	53278						
23		Left side	53278						
24	Key	Blower	19361						
25	Shipping brace	Blower, horizontal	31576						

*Quantity is one (1) unless otherwise indicated.

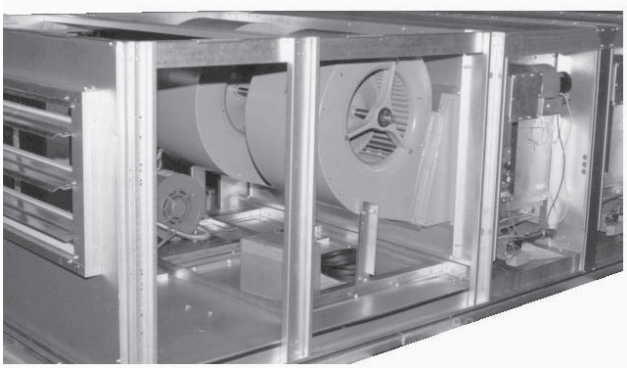
Table 47. Panel Opening Options

Panel	Standard	AR4	AR6	AR7	AR8	AR9	AR11	AR12	AR13	AR14	AR15	AR16	AR17	AR18	AR23	D1, D3	D2, D4
Bottom	Solid	100% open			Solid		100% open										Solid
End	100% open	Solid	30% open		100% open		100% open										

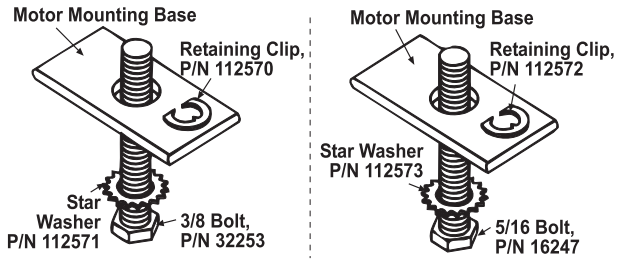
BL-Type Blower Cabinet



View of BL-Type Blower Cabinet with Access Panels Removed (<5-HP Motor)



Item 27: Motor-Mounting Plate Assembly



Item 45: Air Flow Switch Sensing Tube

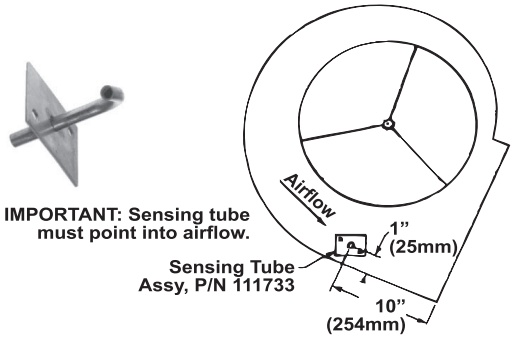


Figure 23. RGBL, RPBL, and PGBL Model BL-Type Blower Cabinet Section Components (Refer to Table 48)

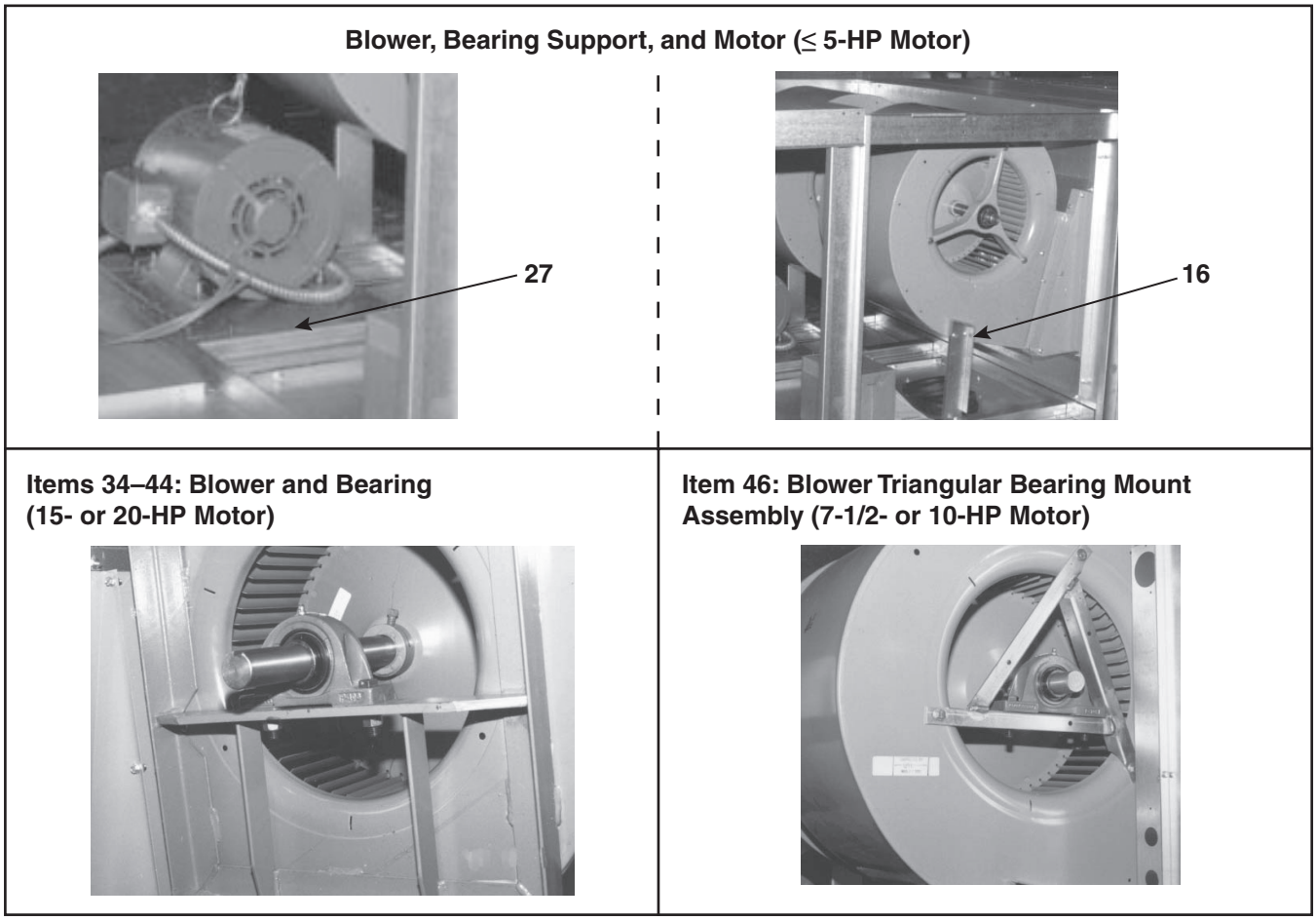


Figure 24. Blower Motors and Bearings—RGBL, RPBL, and PGBL Model BL-Type Blower Cabinets (Refer to Table 48)

Table 48. RGBL, RPBL, and PGBL Model BL-Type Blower Cabinet Section Components

Item No.	Component	Description	Unit Size		
			500, 600	700, 1050	400, 800, 1200
			PN (Quantity)*		
1	Bottom panel (refer to Table 47)	Right half, solid (no opening)	106242		106244
		Right half, return air opening	105606	105607	105608
		Left half, solid (no opening)	106238	106239	106240
		Left half, return air opening	104365	104366	104367
2	End panel (refer to Table 47)	Solid (no opening)	103620	103621	103622
		Solid (no opening), double-wall (option AY3)	105550	105551	105552
		30% opening	105114	105115	105116
		30% opening, double-wall (option AY3)	105556	105557	105558
		100% opening	103641	103642	103643
3	Filter cabinet assembly	Double-wall (option AY3)	105544	105545	105546
4	Blower door	Standard	100347 (2)		
		Double-wall (option AY3)	104115 (2)		
5	Door assembly	Filter cabinet	106276 (2)		
		Filter cabinet, double-wall (option AY3)	107357 (2)		
6	Panel	Front top section assembly	106280	106281	106282
7		Rear top section assembly	106286	106287	106288
8		Top front	105610	105611	105612
9		Bottom front	105614	105615	105616
10	Insulation retainer	Blower cabinet top	107350	107351	107352
11		Filter cabinet top	107354	107355	107356

*Quantity is one (1) unless otherwise indicated.

Table 48. RGBL, RPBL, and PGBL Model BL-Type Blower Cabinet Section Components—Cont.

Item No.	Component	Description	Unit Size		
			500, 600	700, 1050	400, 800, 1200
			PN (Quantity)*		
12	Leg	Blower cabinet, #1, left	105603		
12A	Cap	Cabinet leg, left	100069		
13	Leg	Blower cabinet, #2, right	105604		
13A	Cap	Cabinet leg, right	100071		
14	Post	Corner	114761 (2)		
14A	Cap	Corner post	100072 (2)		
15	Post	Cabinet intermediate	114762 (2)		
15A	Cap	Cabinet intermediate post	104372 (2)		
16	Blower support	Vertical, left	106299		
17		Vertical, right	106943		
18		Horizontal	31576 (2)		
19	Support	Cabinet and panel	100078	100079	100080
20		Cabinet top	105600	105601	105602
21	Filter rack assembly**	Bottom, for 1-inch filters	114711	114712	114713
		Bottom, for 2-inch filters	114715	114716	114717
22		Rear, for 1-inch filters	114707 (2)	114708 (2)	114709 (2)
		Rear, for 2-inch filters	114703 (2)	114704 (2)	114705 (2)
23		Front, for 1-inch filters	114695 (2)	114696 (2)	114697 (2)
		Front, for 2-inch filters	114691 (2)	114692 (2)	114693 (2)
24		Top, for 1-inch filters	114719	114720	114721
		Top, for 2-inch filters	114723	114724	114725
25	Door seal	Top	95487 (2)	95487 (2)	95487 (2)
26	Blower adapter	Back assembly, RGBL, RPBL, and RBL models	163833	163834	106294
		Back assembly, PGBL models	—		148429
27	Mounting plate	Motor, assembly	106295		
28	Motor mount support assembly	<15-HP motor	106698 (2)		
		15- and 20-HP motor	149008† (2)		
29	Motor adjustment angle	<15-HP motor	105633		
		15- and 20-HP motor	149010†		
30	Motor adjustment bolt	3/8-16 × 7 inches long	106275		
31	Hex nut	3/8-16, adjustment bolt	1438		
32	Blower housing/wheel	15 × 9 × 1-3/16 inches, Lau	106296 (2)	—	
		15 × 11 × 1-3/16 inches, Lau	—	14469 (2)	
33	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
34	Blower bearing	1-3/16 inches, FAFAIR #E8317	14474 (2)	14474 (3)	
35	Vertical blower support	Right, <15-HP motor	106943		
		Right, 15- and 20-HP motor	149520†		
36		Left, <15-HP motor	106299		
		Left, 15- and 20-HP motor	149521†		
37	Bracket	Bearing	24233 (2)	24233 (3)	
38	Heavy duty blower	Right, 15 × 9, 15-20HP motor, Lau	106935	—	
		Right, 15 × 11, 15-20HP motor, Lau	—	106937	
39		Left, 15 × 9, 15-20HP motor, Lau	106936	—	
		Left, 15 × 11, 15-20HP motor, Lau	—	106938	
40	Key	Blower shaft, for heavy duty blower	134638 (4)		

*Quantity is one (1) unless otherwise indicated.

Used on units manufactured ***after* AUG 1991. Filter rack parts and filter clamps used on units manufactured ***before*** SEP 1991 are no longer available.

†Used on all units with vibration isolation (option PC12).

Table 48. RGBL, RPBL, and PGBL Model BL-Type Blower Cabinet Section Components—Cont.					
Item No.	Component	Description	Unit Size		
			500, 600	700, 1050	400, 800, 1200
			PN (Quantity)*		
41	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
42	Pillowblock bearing	1-7/16-inch bore, Dodge #P2BS2107R (replaces PN 106942)	170108 (2)		
43	Blower support	Right side, class II	149520		
44		Left side, class II	149521		
45	Sensing tube	Air flow switch (part of option BW1)	111733		
46	Bearing mount assembly	Blower triangular bearing, 7-1/2- or 10-HP motor	—		
46A	Bearing support	Assembly, left	112971		
46B		Assembly, right	112972		
46C	Pillowblock bearing	1-3/16-inch	112973 (2)		
46D	Capscrew	7/16-14 x 3/4	163335 (4)		
46E		1/4-20	16246 (6)		
46F	Locknut	1/4-20	10650 (6)		
*Quantity is one (1) unless otherwise indicated.					
Used on units manufactured ***after* AUG 1991. Filter rack parts and filter clamps used on units manufactured ***before*** SEP 1991 are no longer available.					
†Used on all units with vibration isolation (option PC12).					

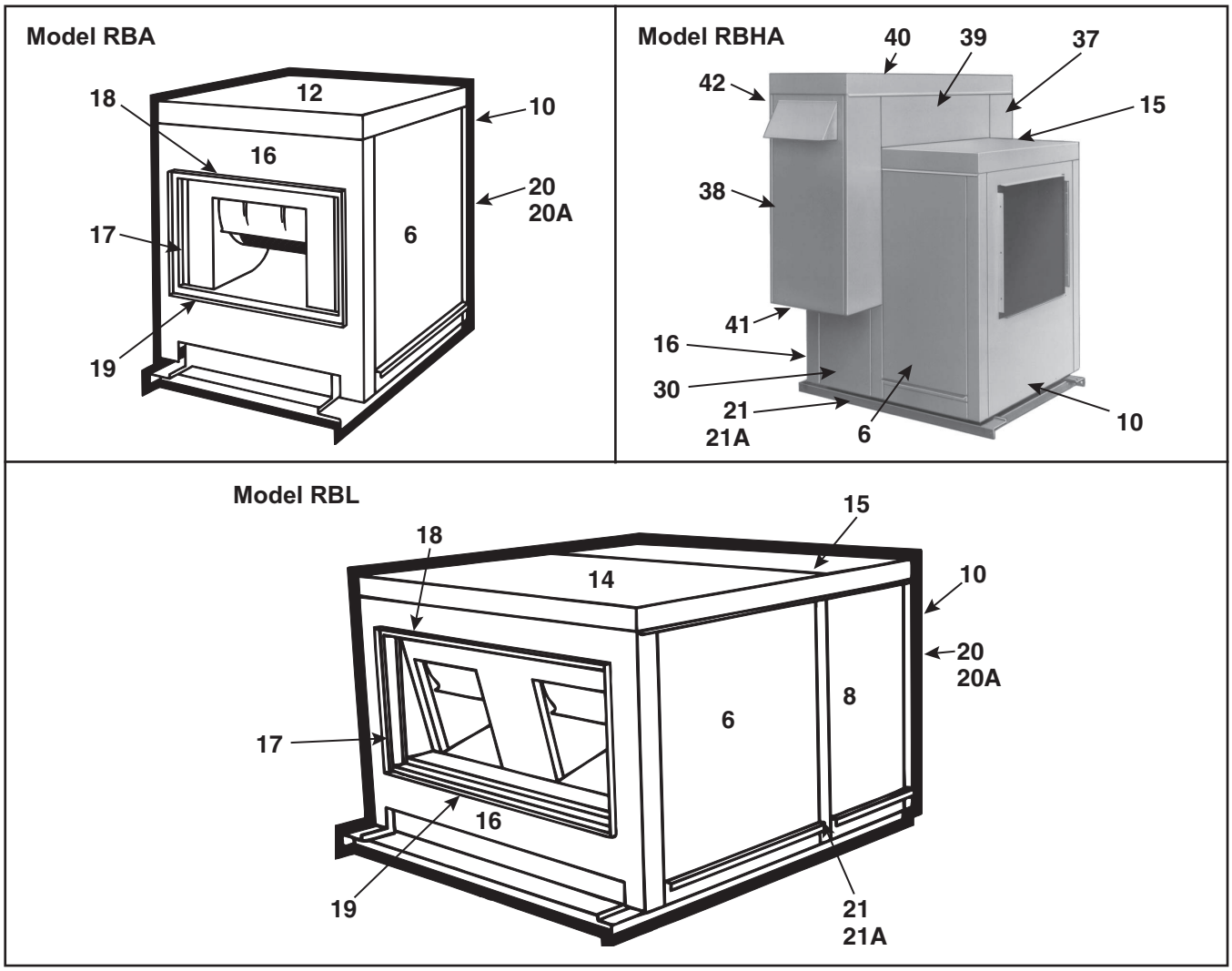
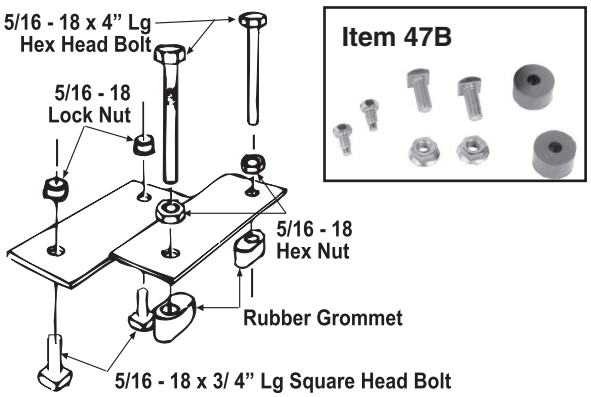
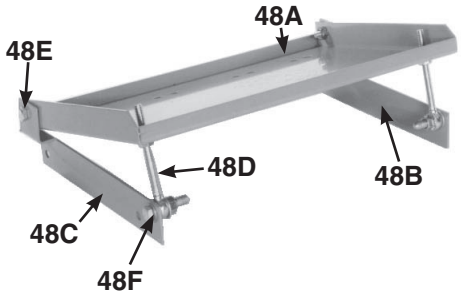


Figure 25. RBA, RBHA, and RBL Model Blower Cabinet Components (Refer to Table 49)

Item 47: Motor-Adjustment Bracket Assembly

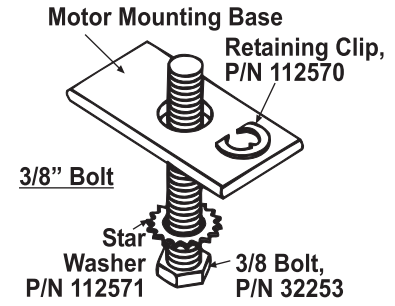


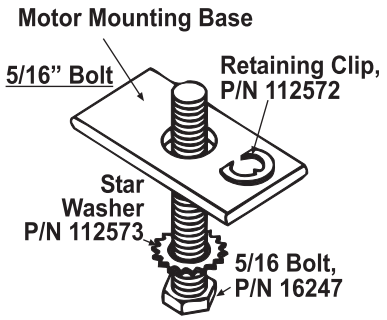
Item 48: Motor-Mount Assembly



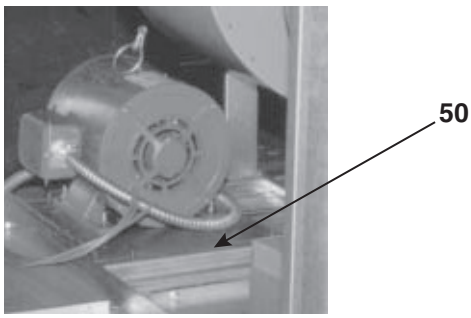
Item 49: Motor Mounting Strap

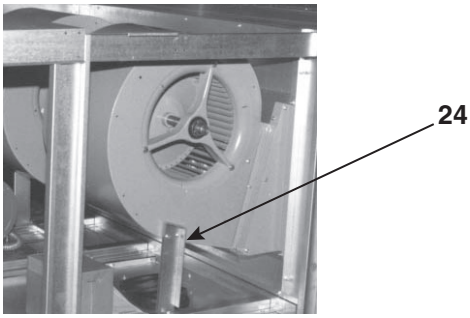
Item 50: Motor-Mounting Plate Assembly



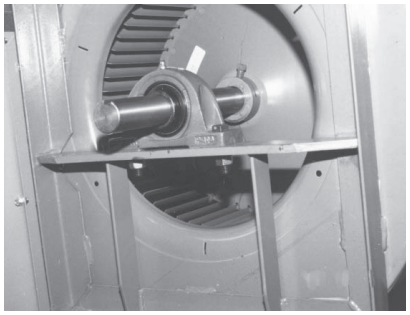


Blower, Bearing Support, and Motor (≤5-HP Motor)





Items 53–61: Blower and Bearing (15- or 20-HP Motor)



Item 67: Blower Triangular Bearing Mount Assembly (7-1/2- or 10-HP Motor)

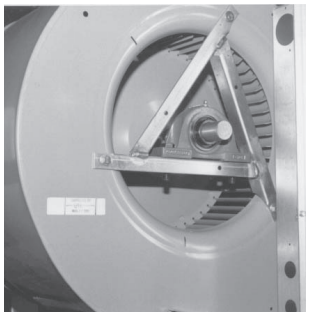


Figure 26. Blower Motors and Bearings—RBA, RBHA, and RBL Models (Refer to Table 49)

Table 49. RBA, RBHA, and RBL Model Blower Cabinet Components

Item No.	Component	Description	Model		
			RBA*	RBHA**	RBL†
			PN (Quantity)‡		
1	Bottom assembly	Solid	103753	112614	—
		With opening	112882	112882	
2	Bottom right half	Solid	—		106244
		With opening			105608
3	Bottom left half	Solid	—		106240
		With opening			104367
4	Support	Bottom	—		105637 (2)
5	Insulation retainer	Bottom	114224	114224	111013
			114222	114222	111017
6	Door assembly	Uninsulated	111281 (2)	—	111281 (2)
		Insulated	100347 (2)	112600 (2)	100347 (2)
		Double-wall	104115 (2)	—	104118 (2)
7	Support	Door	100073 (2)	112607 (2)	—
8	Filter section door assembly	Uninsulated	—		111282 (2)
		Insulated			106276 (2)
9	Door latch	Assembly, replacement kit (see **Figure 21**)	112974		
10	End panel assembly (100% opening)	Uninsulated	111990	—	111286
		Insulated	103639		103643
		Double wall	105542		105546
	End panel assembly (solid)	Uninsulated	112109	103618	111290
		Insulated	103618	—	103622
		Double wall	105548		105552
	End panel assembly (30% opening)	Uninsulated	112108	—	111292
		Insulated	105112		105116
		Double wall	105554		105558
11	End panel support	Without filters	100076	—	100080
		With filters	104080		100080
12	Cabinet top	Uninsulated	110419	—	—
13	Support	Top	110387	110387	105602
14	Cabinet top front	Uninsulated	—	112376	111284
15	Cabinet top rear	Uninsulated	—	112377	105598
		Insulated		—	106288
16	Wrapper	End	110420	110420	110095
17	Duct flange	Side	110421 (2)	110421 (2)	110093 (2)
18		Top	110423	110423	110092
19		Bottom	110422	110422	110092
20	Corner post	Internal	114761 (2)		
20A	Cap	Corner post	100072 (2)		
21	Intermediate post	Internal	—	104373	114762
21A	Cap	Intermediate post	—	104372 (2)	104372 (2)
22	Front panel	Top, internal	—	112376	105612
23		Bottom, internal		—	105616
24	Vertical blower support	Left	—		106299
25		Right			106943
26	Blower support	Horizontal	110388 (2)	110388 (2)	31576 (2)
27	Cabinet leg	Left, internal	—		105603
28		Right, internal			105604
29	Wrapper	Inner front	111985	111985	—
30	Side panel assembly	Left inner	—	112602	—
31		Right inner		112603	

*Stand-alone blower cabinet comparable in size and capacity to the cabinet that is a factory-assembled portion of packaged models RGB and RPB (unit size 150).

**Model RBA blower cabinet designed for special applications that require inlet air temperatures above those recommended by the motor manufacturer. The blower motor, bearings, and adjustable drive are mounted in a weatherized housing external to the airstream.

†Stand-alone blower cabinet comparable in size and capacity to the factory-assembled portion of all RGBL and RPBL models.

†Quantity is one (1) unless otherwise indicated.

Table 49. RBA, RBHA, and RBL Model Blower Cabinet Components—Continued

Item No.	Component	Description	Model		
			RBA*	RBHA**	RBL†
			PN (Quantity)‡		
32	Support rail	Motor base, internal	—	112704	—
33	Bearing block support	Internal	—	112371 (2)	—
34	Motor support	Right side, internal	—	112383	—
35	Motor support	Left side, internal	—	112382	—
36	Motor compartment leg	Front	—	112381 (2)	—
37		Rear		112380 (2)	
38	Door assembly	Motor compartment	—	112604	—
39	Motor compartment	Rear	—	112384	—
40		Top		112388	
41		Bottom		112385 (2)	
42	Door	Motor compartment	—	112386	—
43	Panel	Electrical	—	112375	—
44	Box	Electrical	100092	—	100092
44A	Cover	Electrical box	100095	—	100095
45	Back assembly	Blower adapter	—	—	106294
46	Motor mount support	Assembly, <15-HP motor	—		106698 (2)
		Assembly, 15- and 20-HP motor			149008 (2)
47	Motor adjustment bracket	Assembly, <1-HP motor	44411	—	
		Assembly, <15-HP motor	—		106274
		Assembly, 15- and 20-HP motor			149009
47A	Motor adjustment angle	<15-HP motor	—		105633
		15- and 20-HP motor			149010
47B	Hardware	Bag, motor adjustment bracket assembly, <1-HP motor	64940		—
48	Motor mount	Assembly, 1- to 5-HP motor	—		
48A	Mounting plate	Motor, 1- to 3-HP motor	12579	—	
		Motor, 5-HP motor	12578		—
48B	Motor support	Left	12576		
48C		Right	12577		
48D	Rod bolt	Motor-mounting	12489 (2)		
48E	Bolt	Motor-mounting	16247 (6)		
48F			16248 (2)		
48G	Nut		6554 (6)		
48H	Washer		1087 (6)		
48J	Threaded insert		124260 (6)		
49	Motor mounting strap	12-inch, <1-HP motor	102533	—	
50	Mounting plate	Motor, assembly	—		106295
51	Blower housing/wheel	A12-12AC	1360	—	
			—	112606	—
		15 × 11, Lau	—		14469 (2)
52	Blower shaft	1 × 22 inches long	11303	—	
		1 × 45 inches long	—	112608	—
		1-3/16 × 48 inches long	—		13589
53	Bearing	—	10437 (2)	15298 (2)	—
		<10-HP motor	—		14474 (2)
54	Bearing bracket	<10-HP motor	—		24233 (2)
55	Heavy duty blower	Right, 15 × 11, 15- and 20-HP motor	—		106937
56		Left, 15 × 11, 15- and 20-HP motor			106938
57	Blower shaft	Heavy duty, 1-7/16 × 53 inches long, 15- and 20-HP motor	—		106941
58	Key	Blower shaft, for heavy duty blower	—		134638 (4)

*Stand-alone blower cabinet comparable in size and capacity to the cabinet that is a factory-assembled portion of packaged models RGB and RPB (unit size 150).

**Model RBA blower cabinet designed for special applications that require inlet air temperatures above those recommended by the motor manufacturer. The blower motor, bearings, and adjustable drive are mounted in a weatherized housing external to the airstream.

†Stand-alone blower cabinet comparable in size and capacity to the factory-assembled portion of all RGBL and RPBL models.

‡Quantity is one (1) unless otherwise indicated.

Table 49. RBA, RBHA, and RBL Model Blower Cabinet Components—Continued					
Item No.	Component	Description	Model		
			RBA*	RBHA**	RBL†
			PN (Quantity)‡		
59	Pillowblock bearing	1-7/16-inch, replaces PN 106942	—		170108 (2)
60	Blower support	Right side, class II	—		149520
61		Left side, class II			149521
62	Filter rack	Middle/bottom, 1- and 2-inch filters	104059 104073	—	
63		Top/bottom, 1-inch filters	—		114721 114713
64		Top/bottom, 2-inch filters			114725 114717
65		Rear/front, 1-inch filters			114709 (2) 114697 (2)
66		Rear/front, 2-inch filters			114705 (2) 114693 (2)
67	Bearing mount assembly	Blower triangular bearing, 7-1/2- or 10-HP motor	—		
67A	Bearing support	Assembly, left	—		112971
67B		Assembly, right			112972
67C	Pillowblock bearing	1-3/16-inch			112973 (2)
67D	Capscrew	1/2-13 x 2, GR8			111304 (4)
67E		1/4-20			16246 (6)
67F	Lockwasher	1/2			111306 (4)
67G	Nut	1/2-13, GR8			111305 (4)
*Stand-alone blower cabinet comparable in size and capacity to the cabinet that is a factory-assembled portion of packaged models RGB and RPB (unit size 150).					
**Model RBA blower cabinet designed for special applications that require inlet air temperatures above those recommended by the motor manufacturer. The blower motor, bearings, and adjustable drive are mounted in a weatherized housing external to the airstream.					
†Stand-alone blower cabinet comparable in size and capacity to the factory-assembled portion of all RGBL and RPBL models.					
†Quantity is one (1) unless otherwise indicated.					

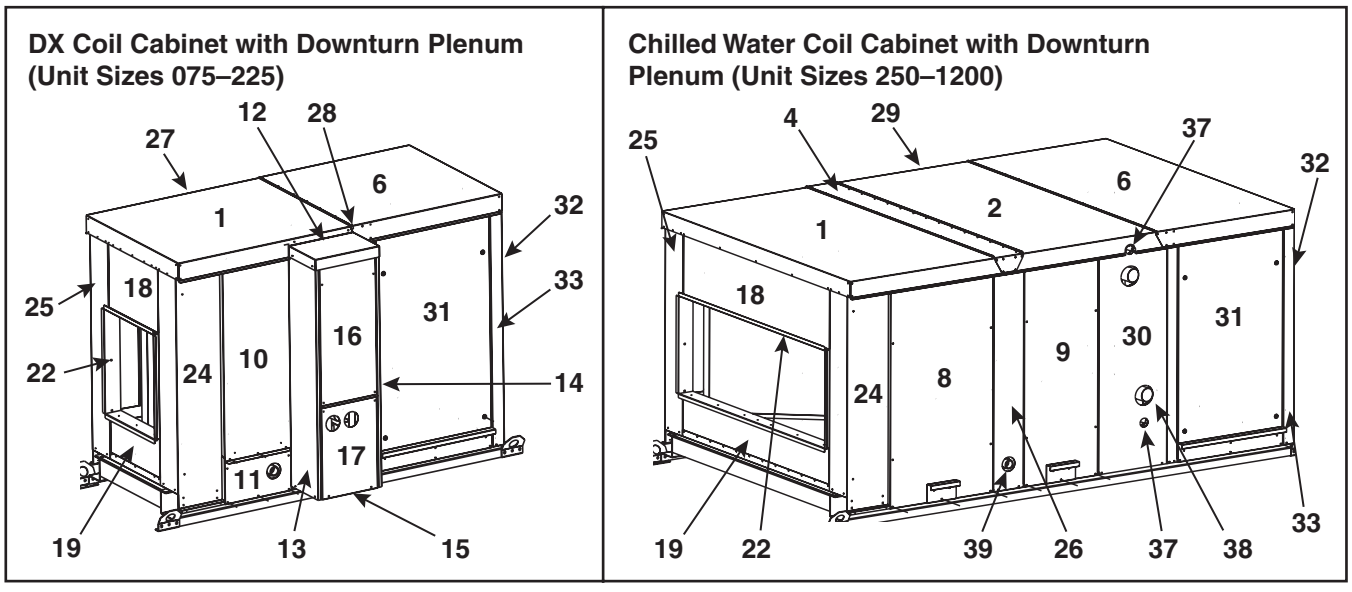


Figure 27. Optional Cooling Coil Cabinet Components (Refer to Table 50)

Table 50. Optional Cooling Coil Cabinet Components

Item No.	Component	Description	Unit Size (RPBL, RGBL, and PGBL Models)							Coil Cabinet Option (AU)**	Single-Wall and/or Double-Wall†
			—				500, 600	700, 1050	400, 800, 1200		
			Unit Size (RGB and RPB Models)								
			075, 100	125	150, 175	200, 225	250, 300	350	400		
			PN (Quantity)*								
1	Top panel	Coil cabinet, front	172314		172353	172354	172416	172419	172422	2, 3, 11, 12, 13, 14	Single and double
2		Coil cabinet, middle	—				172417	172420	172423		
3	Insulation retainer	Top coil cabinet panel	172365		172366	172367	172368 (2)	172400 (2)	172369 (2)		
3A	Insulation		172516		172517	172518	172519 (2)	172521 (2)	172520 (2)		
4	Top filler	Between top sections	—				105629	105630	105631		
4A	Gasket	Top filler	—				103608 (2)	103609 (2)	103610 (2)		
5	Support	Inner top	—				172482	172483	172484		
5A	Insulation	Inner top support	—				172536	172535	172534		
6	Top panel	Plenum cabinet	100063		100064	100065	100066	100067	100068	11, 12, 13, 14	Single and double
6A	Gasket	Between coil and plenum cabinet top panels	103605		103606	103607	103608	103609	103610		
7	Insulation retainer	Top plenum cabinet panel	100253		100254	100255	100256	100257	100258		
7A	Insulation		103592		103593	103594	103595	103596	103597		
8	Door assembly	Coil cabinet	172501		172502	172503	172498 (3)	172499 (3)	172500 (3)	2, 3, 11, 12, 13, 14	Single
			172337		172338	172339	172340	172341	172342		Double
9	Small door assembly		—				174012	174013	174014		Single
			—				172343	172344	172345		Double
10	Door top	Split access door	172373		172374	172375	—			2, 11, 12	Single and double
10A	Insulation	Split access door top	172525		172526	172527	—				
10B	Liner		172486		172487	172488	—				Double
11	Door bottom	Split access door	172370		172371	172372	—				Single and double
11A	Insulation	Split access door bottom	172522		172523	172524	—				
11B	Liner		172495		172496	172497	—				Double
12	Section top	Extended cabinet (doghouse)	172326							3, 13, 14	Single and double
13	Section left side		172325								
14	Section right side		172324								
15	Section bottom		172327								
16	Top door		172460								
17	Bottom door		172459								
18	Side panel	Top inlet	172480	172440	172435	172436	172437	172438	172439	2, 3, 11, 12, 13, 14	Single and double
19		Bottom inlet	100036	100037	100038	100039	100040	100041	100042		
20		Top discharge	172440		172435	172436	172437	172438	172439		
21		Bottom discharge	100037		100038	100039	100040	100041	100042		
22	Duct flange assembly	Inlet	107394	107395	107396	107397	107398	107399	107400		
23		Horizontal discharge	107395		107396	107397	107398	107399	107400		
24	Corner post	Inlet cabinet end	172478	172306							
25			172479	172305							
26	Center post		—				172461 (2)				
26A	Cover	Center post	—				172462 (2)				
27	Corner post	Discharge end of coil cabinet	172306							3, 13, 14	
27A	Cover	Corner post	172313								
28	Corner post	Discharge end of coil cabinet	172321								
28A	Cover	Corner post	172311								

*Quantity is one (1) unless otherwise indicated.

**Refer to Table 51 for coil cabinet option information.

†Cabinet construction is either single- or double-wall. Option AY3 is double-wall construction.

Table 50. Optional Cooling Coil Cabinet Components—Continued

Item No.	Component	Description	Unit Size (RPBL, RGBL, and PGBL Models)						Coil Cabinet Option (AU)**	Single-Wall and/or Double-Wall†
			—			500, 600	700, 1050	400, 800, 1200		
			Unit Size (RGB and RPB Models)							
			075, 100	125	150, 175	200, 225	250, 300	350	400	
			PN (Quantity)*							
29	Corner post	Discharge end of coil cabinet	172306						2, 11, 12	Single and double
29A	Cover	Corner post	172313							
30	Corner post	Discharge end of coil cabinet	172304							
30A	Cover	Corner post	172311							
31	Plenum door panel	Assembly	172532 (2)						11, 12, 13, 14	Single
			172310 (2)							Double
32	End panel	Assembly, plenum cabinet	172504		172505	172506	172507	172508	172509	Single
			172346		172347	172348	172349	172350	172350	Double wall
33	Corner post	Plenum cabinet	172442 (2)							Single and double
33A	Cover	Corner post	172450 (2)							
34	Filler	Between plenum and coil cabinets	172451 (2)							
35	Adjustable blockoff	Coil cabinet	174683						2, 3, 11, 12, 13, 14	
			179336							
35A	Gasket	Adjustable blockoff	174856 (2)		174857 (2)	174858 (2)	174859 (2)	174860 (2)	174861 (2)	
36	Blockoff	Air side	174685							
37	Rubber grommet	Vent and drain lines, Kennard #825	172528 (2)						2, 11, 12	
38		Feed and return lines, Kennard #2500	172529 (2)							
39		Drain, 1-1/14-inch, Kennard #1625	39852						2, 3, 11, 12, 13, 14	
40	Collection box	Assembly, drain	173568		173569	173570	173571	173572	173573	
41	Pan	Drain	172316 (2)		173528 (2)	173529 (2)	173530 (2)	173531 (2)	173532 (2)	
42	Door latch	Assembly, replacement kit (see Figure 21)	112974							
43	Duct connector††	Top/bottom, 14-inch	107426 (2)	—						—
		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)	
44		Side, 19-1/2-inch	106395 (2)							
45	Sheet metal screw††	#14 × 3/4-inch-long	105171 (8)							
46		#10 × 1/2-inch-long›	11813 (19)	11813 (19)	11813 (21)	11813 (22)	11813 (24)	11813 (25)	11813 (26)	
47	Filler panel††	Left side	172357							
48		Right side	172358							
49		Top	172359		172360	172361	172362	172363	172364	
50	Insulation††	1 × 42 × 9 inches	172546 (2)							

*Quantity is one (1) unless otherwise indicated.

**Refer to Table 51 for coil cabinet option information.

†Cabinet construction is either single- or double-wall. Option AY3 is double-wall construction.

††These parts are shipped loose with a new coil cabinet and are used to attach the coil cabinet to the heat section. Follow the instructions in the installation manual listed in Table 1.

Table 50. Optional Cooling Coil Cabinet Components—Continued

Item No.	Component	Description	Unit Size (RPBL, RGBL, and PGBL Models)							Coil Cabinet Option (AU)**	Single-Wall and/or Double-Wall†
			—				500, 600	700, 1050	400, 800, 1200		
			Unit Size (RGB and RPB Models)								
			075, 100	125	150, 175	200, 225	250, 300	350	400		
			PN (Quantity)*								
51	Rubber gasket strip††	3/32 × 1-1/8 × 34-5/8 inches	103605		—					2, 3, 11, 12, 13, 14	—
		3/32 × 1-1/8 × 40-1/8 inches	—		103606	—					
		3/32 × 1-1/8 × 45-5/8 inches	—			103607	—				
		3/32 × 1-1/8 × 53-7/8 inches	—				103608	—			
		3/32 × 1-1/8 × 59-3/8 inches	—					103609	—		
		3/32 × 1-1/8 × 64-7/8 inches	—						106310		

*Quantity is one (1) unless otherwise indicated.

Refer to **Table 51 for coil cabinet option information.

†Cabinet construction is either single- or double-wall. Option AY3 is double-wall construction.

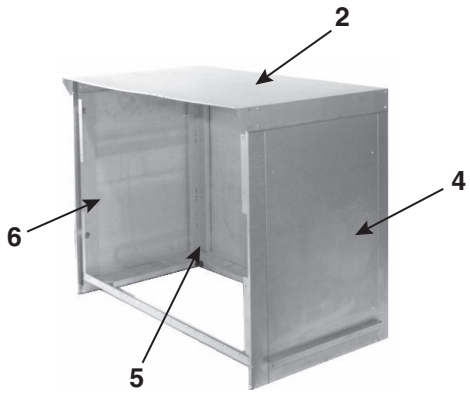
††These parts are shipped loose with a new coil cabinet and are used to attach the coil cabinet to the heat section. Follow the instructions in the installation manual listed in **Table 1**.

Table 51. Coil Cabinet Options

Coil Type	Option	Discharge
Chilled water	AU2	Horizontal
	AU11	Vertical
	AU12	Vertical with dampers*
DX	AU3	Horizontal
	AU13	Vertical
	AU14	Vertical with dampers*

*Refer to **DAMPER COMPONENTS** section for for discharge damper replacement information.

Unattached Downturn Plenum Cabinet



Attached Downturn Plenum Cabinet with Door Panel Removed

Figure 28. Optional Downturn Plenum Cabinet Assemblies (Refer to Table 52)

Table 52. Optional Downturn Plenum Cabinet Components								
Item No.	Component	Description	Unit Size (RPBL, RGBL, and PGBL Models)					
			—			500, 600	750, 1050	400, 800, 1200
			Unit Size (RGB and RPB Models)					
			075, 100, 125	150, 175	200, 225	250, 300	350	400
			PN (Quantity)*					
—	Cabinet assembly	Downturn plenum (RGBL and RPBL models)	—			147147	147148	147146
		Downturn plenum (RGB and RPB models)	147140	147141	147142	147143	147144	147145
		Downturn plenum (RBL models)	147146					
1	Bottom	Assembly	103586	103587	103588	103589	103590	103591
2	Top	Assembly	103611	103612	103613	103614	103615	103616
2A	Insulation retainer	Top assembly	100253	100254	100255	100256	100257	100258
3	Front panel	Assembly	103617	103618	103619	103620	103621	103622
		Assembly, double-wall (option AY3)	105547	105548	105549	105550	105551	105552
4	Door	Assembly	100349 (2)					
		Assembly, double-wall (option AY3)	104114 (2)					
5	Post	Corner	114761 (2)					
5A	Cap	Corner post	100072 (2)					
6	Leg	Cabinet	100027 (2)					
6A	Cap	Cabinet leg	100069					
			100070					
7	Clamp	Top insulation	110537 (4)					
8	Door latch	Assembly, replacement kit (see Figure 21)	112974					
*Quantity is one (1) unless otherwise indicated.								

NOTE: If adding a downturn plenum cabinet to the system at the installation site, order the appropriate PN (refer to Table 52) for a factory-assembled cabinet. Because the cabinet is not factory-built on the system curb cap, legs or a platform must be field-fabricated to support the downturn plenum cabinet.

Install the downturn plenum cabinet as follows:

1. Shut OFF gas and electric.
2. Position open side of cabinet against heater discharge. Top and side posts of cabinet will overlap heater.
3. Secure cabinet on both sides and across top using field-supplied, weather-resistant sheet metal screws.

⚠ CAUTION ⚠

Do not support the downturn plenum cabinet with the ductwork.

4. Provide field-fabricated, weather-resistant support for cabinet.

⚠ CAUTION ⚠

The ductwork connection and roof opening must be flashed and/or sealed to prevent water from entering the ductwork or the building.

5. Attach ductwork to flange on cabinet. Flash and/or seal ductwork and roof opening to prevent water from entering building or ductwork.
6. Turn ON electric and gas.
7. Follow instructions on lighting instruction plate to light heater.
8. Check heater for proper operation.

FILTER ARRANGEMENTS

NOTES:

- **Filter arrangements for RGB, RPB, and RBA (blower cabinet) models are shown in Figure 29 and listed in Table 53.**
- **Filter arrangements for RGBL, RPBL, PGBL, and RBL (blower cabinet) models manufactured *before* SEP 1991 are shown in Figure 30 and listed in Table 54.**
- **Filter arrangements for RGBL, RPBL, PGBL, and RBL (blower cabinet) models manufactured *before* SEP 1991 are shown in Figure 31 and listed in Table 55.**

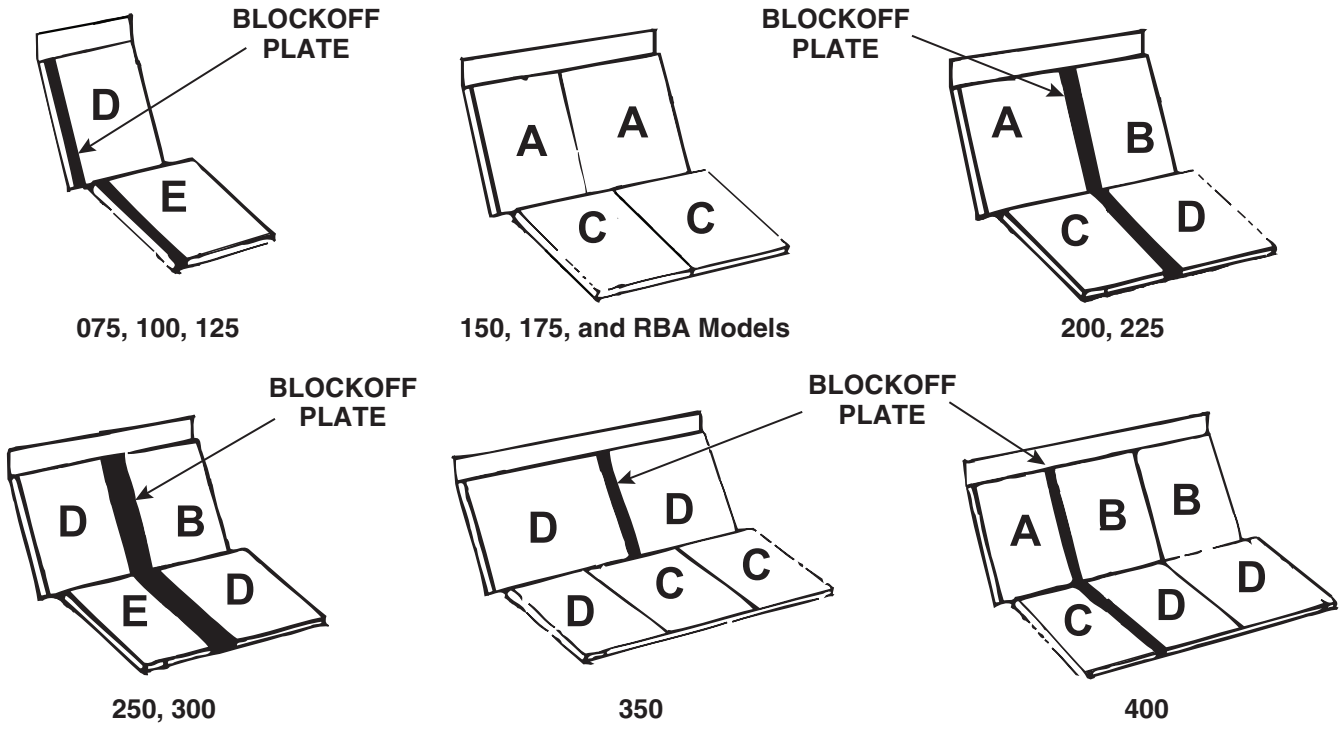


Figure 29. Filter Arrangements—RGB, RPB, and RBA (Blower Cabinet) Models (Refer to Table 53)

Table 53. Replacement Filters and Blockoff Plates (RGB, RPB, and RBA (Blower Cabinet) Models)

Type	Average Efficiency	Average Arrestance	Code*	Size (Inches)	Unit Size (RGB and RPB Models)					
					075, 100, 125	150, 175, and RBA Models	200, 225	250, 300	350	400
					PN (Quantity)**					
Filters										
Disposable	<20%	75%	—	1-inch	Replace with locally-supplied filters—size, type, and quantities listed below apply to both 1- and 2-inch filters					
Permanent		53–60%								
Pleated	30–35%	90–93%								
Disposable	<20%	80%	A	16 × 20 × 2	—	104097 (2)	104097	—		104097
			B	20 × 20 × 2	—		104098		—	104098 (2)
			C	16 × 25 × 2	—	104099 (2)	104099	—	104099 (2)	104099
			D	20 × 25 × 2	104100	—	104100	104100 (2)	104100 (3)	104100 (2)
			E	25 × 25 × 2	119776	—		119776	—	
Permanent		64–67%	A	16 × 20 × 2	—	101620 (2)	101620	—		101620
			B	20 × 20 × 2	—		101621		—	101621 (2)
			C	16 × 25 × 2	—	101622 (2)	101622	—	101622 (2)	101622
			D	20 × 25 × 2	101623	—	101623	101623 (2)	101623 (3)	101623 (2)
			E	25 × 25 × 2	119780	—		119780	—	
Pleated	30–35%	90–93%	A	16 × 20 × 2	—	104110 (2)	104110	—		104110
			B	20 × 20 × 2	—		104111		—	104111 (2)
			C	16 × 25 × 2	—	104112 (2)	104112	—	104112 (2)	104112
			D	20 × 25 × 2	104113	—	104113	104113 (2)	104113 (3)	104113 (2)
			E	25 × 25 × 2	119778	—		119778	—	
Blockoff Plates* **										
Horizontal	—				104095	—	104095	104095 (4)	—	104095
Vertical	—				104091	—	104091			

NOTE: Do not use flat disposable filters on the following: unit sizes 075–125 with >2999 CFM, unit sizes 150 and 175 with >4499 CFM, unit sizes 200 and 225 with >4999 CFM; unit sizes 250 and 300 with >5499 CFM; unit size 350 with >6499 CFM; or unit size 400 with >7399 CFM. Do not use pleated filters on unit sizes 075–125 with >3999 CFM.

*See **Figure 29**.

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

***Blockoff plates for 1-inch filters are not available—reuse original blockoff plates.

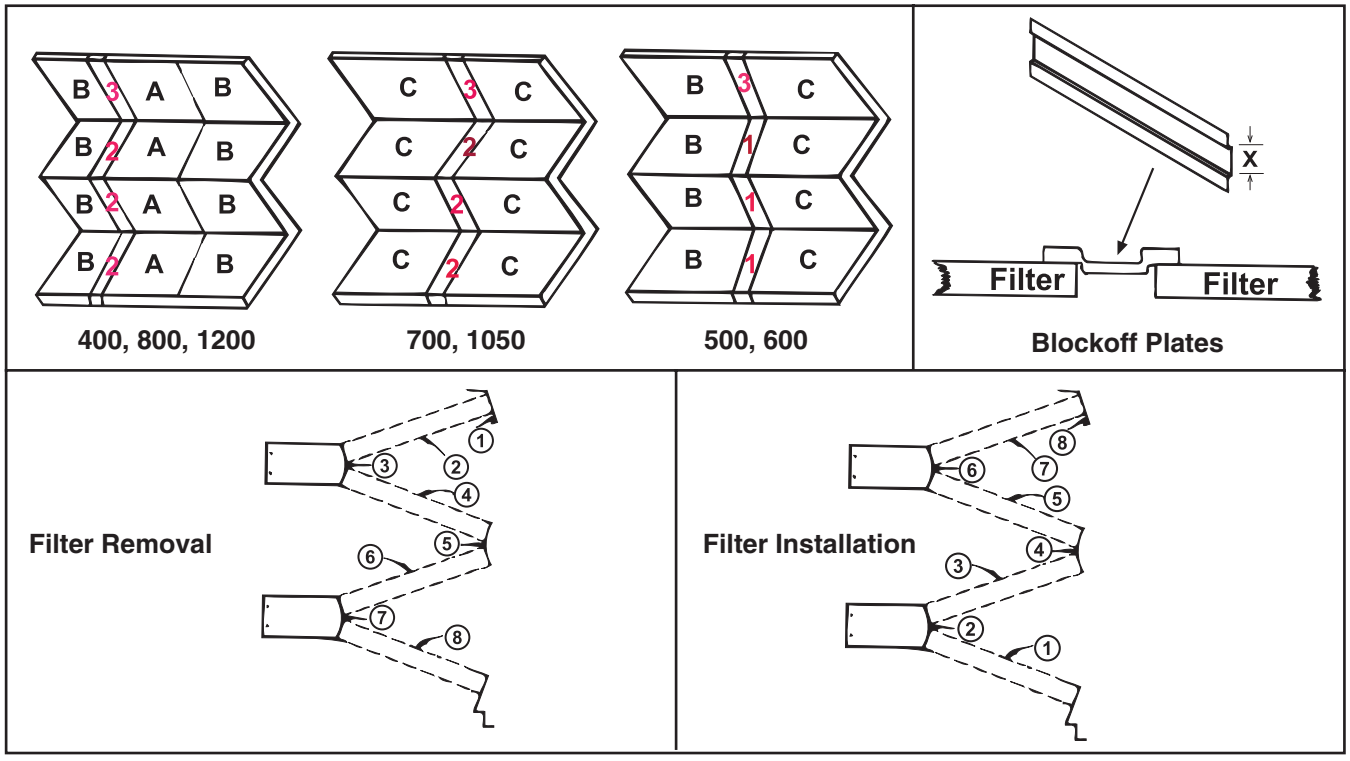


Figure 30. Filter Arrangements—RGBL, RPBL, PGBL, and RBL (Blower Cabinet) Models Manufactured *Before* SEP 1991 (Refer to Table 54)

Table 54. Replacement Filters and Blockoff Plates (RGBL, RPBL, PGBL, and RBL (Blower Cabinet) Models Manufactured *Before* SEP 1991)

Type (Option)	Code*	Size	Unit Size		
			500, 600	700, 1050	400, 800, 1200
			PN (Quantity)**		
Filters					
—		1-inch	Replace with locally-supplied filters—size, type, and quantities listed below apply to both 1- and 2-inch filters		
Disposable (AW7)	A	16 × 16 × 2 inches	—		104101 (4)
	B	16 × 20 × 2 inches	104097 (4)	—	104097 (8)
	C	16 × 25 × 2 inches	104099 (4)	104099 (8)	—
Permanent (AW9)	A	16 × 16 × 2 inches	—		104103 (4)
	B	16 × 20 × 2 inches	101620 (4)	—	101620 (8)
	C	16 × 25 × 2 inches	101622 (4)	101622 (8)	—
Pleated (AW11)	A	16 × 16 × 2 inches	—		104109 (4)
	B	16 × 20 × 2 inches	104110 (4)	—	104110 (8)
	C	16 × 25 × 2 inches	104112 (4)	104112 (8)	—
Blockoff Plates					
—	1	1-1/2 inches (38 mm)***	106332		
	2	2 inches (51 mm)***	106333		
	3	5/8 inch (16 mm)***	106334		

*See **Figure 30**.

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

***Refers to X dimension shown in **Figure 30**.

For RGBL and RPBL series models manufactured ***before*** SEP 1991, replace filters as follows:

1. Remove filters as follows (see ***Filter Removal*** detail in **Figure 30**:
   a. Remove screw(s) from filter rack and remove retaining angle.
   b. Rotate filter down and remove from unit. Slide next filter over and rotate down and out. Repeat for remaining filters in top row.
   c. Remove screw(s) from filter rack and remove retaining angle.
   d. Rotate filter up and out of rack. Slide next filter over and rotate up and out. Repeat for remaining filters in row.
   e. Repeat steps c and d.
   f. Refer to filter installation instruction label.
2. Install filters as follows (see ***Filter Installation*** detail in **Figure 30**:
   a. Insert filters in bottom row.
   b. Replace retaining angle and insert screw(s).
   c. Insert filters in next level.
   d. Replace retaining angle and insert screw(s).
   e. Repeat steps c and d.
   f. Replace retaining angle and insert screw(s).
   g. Replace filter cabinet door and secure all latches and screws.

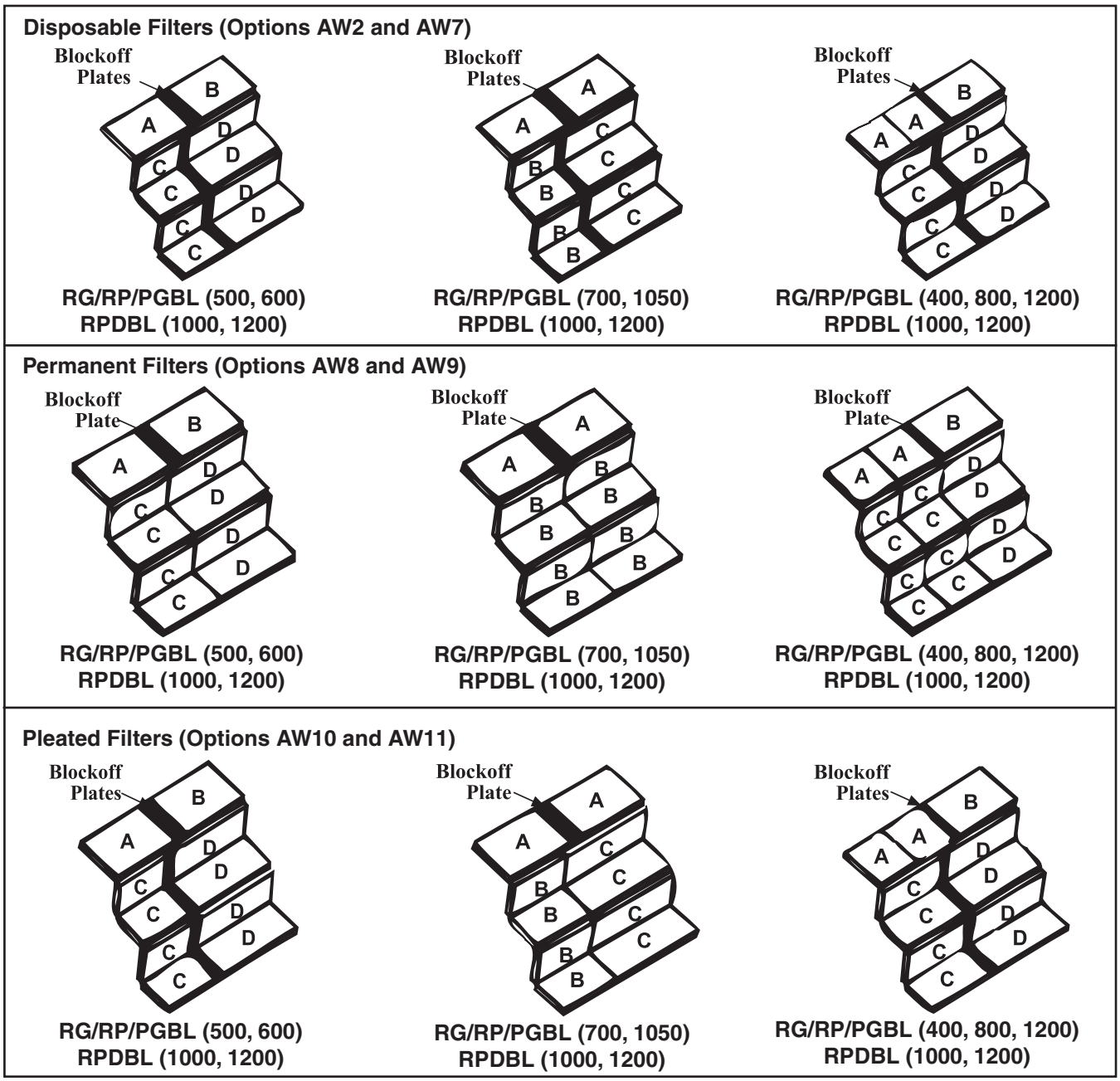


Figure 31. Filter Arrangements—RGBL, RPBL, PGBL, and RBL (Blower Cabinet) Models Manufactured *After* AUG 1991 (Refer to Table 55)

FILTER ARRANGEMENTS—CONTINUED

Table 55. Replacement Filters and Blockoff Plates (RGBL, RPBL, PGBL, and RBL (Blower Cabinet) Models Manufactured *After* AUG 1991)

Type (Option)	Code*	Size (Inches)	Unit Size (RPBL, RGBL, and PGBL Models)			Unit Size (RPDBL Models)		
			500, 600	700, 1050	400, 800, 1200	1000, 1200	1400	800, 1600
			PN (Quantity)**					
Filters								
—		1-inch	Replace with locally-supplied filters—size, type, and quantities listed below apply to both 1- and 2-inch filters					
Disposable (AW2, AW7)	A	16 × 16 × 2	—		104101 (2)	—		104101 (4)
		16 × 20 × 2	104097	—		104097 (2)	—	
		16 × 25 × 2	—	104099 (2)	—	—	104099 (4)	—
	B	12 × 20 × 2	—	114317 (4)	—	—	114317 (8)	—
		16 × 25 × 2	104099	—	104099	104099 (2)	—	104099 (2)
	C	12 × 20 × 2	114317 (4)	—		114317 (8)	—	
		12 × 25 × 2	—		114318 (4)	—		114318 (8)
		12 × 30 × 2	—	114323 (4)	—	—	114323 (8)	—
	D	12 × 25 × 2	114318 (4)	—		114318 (8)	—	
		12 × 30 × 2	—		114323 (4)	—		114323 (8)
Permanent (AW8, AW9)	A	16 × 16 × 2	—		104103 (2)	—		104103 (4)
		16 × 20 × 2	101620	—		101620 (2)	—	
		16 × 25 × 2	—	101622 (2)	—	—	101622 (4)	—
	B	16 × 25 × 2	101622	—	101622	101622 (2)		101622 (2)
		12 × 26 × 2	—	114322 (8)	—	—	114322 (16)	—
	C	12 × 16 × 2	—		114325 (8)	—		114325 (16)
		12 × 20 × 2	114321 (4)	—		114321 (8)	—	
	D	12 × 26 × 2	114322 (4)	—	114322 (4)	114322 (8)	—	114322 (8)
Pleated (AW10, AW11)	A	16 × 16 × 2	—		104109 (2)	—		104109 (4)
		16 × 20 × 2	104110	—		104110 (2)	—	
		16 × 25 × 2	—	104112 (2)	—	—	104112 (4)	—
	B	12 × 20 × 2	—	114319 (4)	—	—	114319 (8)	—
		16 × 25 × 2	104112	—	104112	104112 (2)	—	104112 (2)
	C	12 × 20 × 2	114319 (4)	—		114319 (8)	—	
		12 × 25 × 2	—		114320 (4)	—		114320 (8)
		12 × 32 × 2	—	104324 (4)	—	—	104324 (8)	—
	D	12 × 25 × 2	114320 (4)	—		114320 (8)	—	
		12 × 32 × 2	—		114324 (4)	—		114324 (8)
Blockoff Plates								
— (AW2, AW7)	—		106332		106334	106332 (2)		106334 (2)
			114336 (4)		114337 (4)	114336 (8)		114337 (8)
— (AW8, AW9)	—		106334	106332	106334	106334 (2)	106332 (2)	106334 (2)
— (AW10, AW11)	—		106332	106333	106334	106332 (2)	106333 (2)	106334 (2)
			114337 (4)		114335 (4)	114337 (8)		114335 (8)

*See Figure 31.

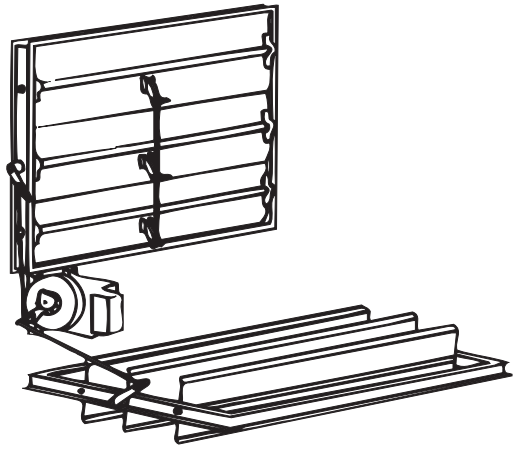
**Quantity is one (1) unless otherwise indicated.

DAMPER COMPONENTS

NOTES:

- **Damper components are shown in Figure 32 and listed in Table 56 along with their applicable AR option for BL-type blower cabinets.**
- **Table 57 lists discharge dampers and controls.**
- **Damper linkages are shown in Figure 33, Figure 34, Figure 35, Figure 36, Figure 37, Figure 38, Figure 39, and Figure 40. Note that option AJ1 is left-side controls and option AJ2 is right-side controls. Refer to the wiring diagram to identify the applicable motorized AR option.**

Item 1: Damper and Frame Assembly



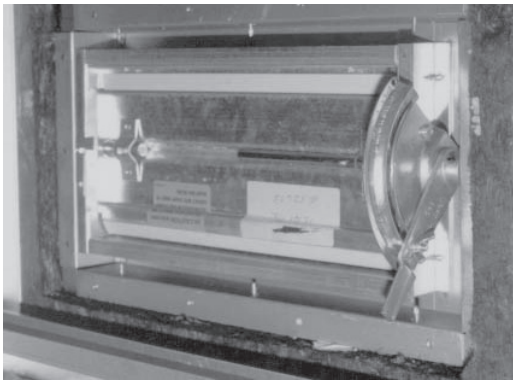
Item 3: Two-Position Actuator

Item 5: Two-Position Actuator

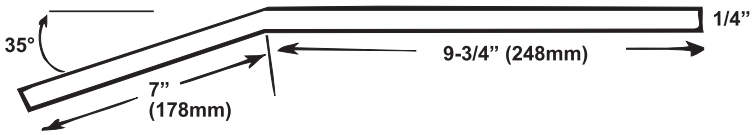
Item 7: Damper Motor

Item 8: Damper Motor

Item 2: Damper and Frame Assembly



Item 10: Bent Damper Rod



Crank Arm Assembly

PN 116209

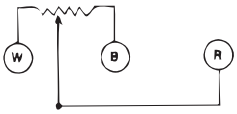
14

PN 20874

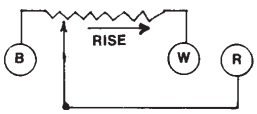
12 14 16 13

Item 6B: Auxiliary End Switch

Item 20: Potentiometer

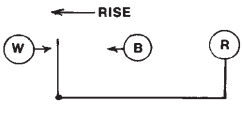


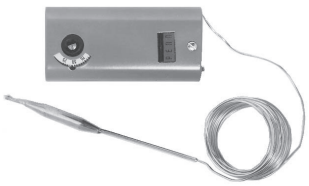
Item 21: Mixed Air Controller



Item 8B: DDC Interface Module

Item 22: Outside Air Controller





Item 23: Pressure Null Switch

Figure 32. Dampers and Damper Controls (Refer to Table 56)

DAMPER COMPONENTS—CONTINUED

Table 56. Dampers and Damper Control Components

Item No.	Component	Description	PN	AR Option*
1	Damper and frame assembly, 100% outside air or return air	RGB and RPB models (unit sizes 075, 100, and 125)	105421	—
		RGB and RPB models (unit sizes 150 and 175) and RBA models	105422	
		RGB and RPB models (unit sizes 200 and 225)	105423	
		RGB and RPB models (unit sizes 250 and 300) and RGBL, RPBL, and PGBL models (unit sizes 500 and 600)	105424	
		RGB and RPB models (unit size 350) and RGBL, RPBL, and PGBL models (unit sizes 700 and 1050)	105425	
		RGB and RPB models (unit size 400) and RGBL, RPBL, and PGBL models (unit sizes 400, 800, and 1200)	105426	
2	Damper and frame assembly, 30% outside air	RGB and RPB models (unit sizes 075, 100, and 125)	120552	
		RGB and RPB models (unit sizes 150 and 175) and RBA models	120553	
		RGB and RPB models (unit sizes 200 and 225)	120554	
		RGB and RPB models (unit sizes 250 and 300) and RGBL, RPBL, and PGBL models (unit sizes 500 and 600)	120555	
		RGB and RPB models (unit size 350) and RGBL, RPBL, and PGBL models (unit sizes 700 and 1050)	120556	
		RGB and RPB models (unit size 400) and RGBL, RPBL, and PGBL models (unit sizes 400, 800, and 1200)	120557	
2A	Hand quadrant	#14004728-001	103502	6, 11
2B	Bracket	Damper control, manual (replaces PN 103488)	143182	
3	Two-position actuator	J/C #M9208-BGC-3, used on model RPB units manufactured ***after*** DEC 2011, replace using actuator replacement kit (item 4)	209351	7, 8, 14, 17
3A	Mounting kit	Two-position actuator	209352	
3B	Shaft		123642	
4	Two-position actuator	Replacement kit, J/C #M9206-BGB-2 (replaces PNs 66276, 97385, and 209351)	209423	—
5		M/H #MS8105A1130/U, used on model RPBL and RBL units manufactured ***after*** MAR 2012	263939	7, 8, 17
6	Damper motor	Modulating, #M9175A1051 (replaces PN 53928)	115681	9, 12, 13, 15, 16, 18, 25
6A	Support	Damper motor	100315	
6B	Auxiliary end switch	M/H #Q607B1067, used with M/H damper motor	113963	—
7	Damper motor	Optional, #M9185A1026, replacement requires auxiliary switch kit (PN 145881)	202091	9, 12, 13, 15, 16, 18, 25
7A	Auxiliary switch kit	M/H 220736B, contains two (2) switches	145881	
8	Damper motor	Floating, #M6194B1011	115683	23
8A	Support	Damper motor, used with null pressure switch (item 23)	100315	
8B	Interface module	DDC (4-20mA), for use with modulating damper motor, Honeywell #Q7230A	171134	25
9	Damper rod	1/4 × 12 inches long	11561	13, 15, 16, 18, 23
		1/4 × 13 inches long	112554	7, 8, 12, 14, 17, 25
		1/4 × 18 inches long (part of option AJ2, right-side controls)	11560	7, 8, 14, 17
		1/4 × 17 inches long (part of option AJ1, left-side controls)	112556	9, 12, 13, 15, 16, 18, 23, 25
10		Bent	105420	11
11	Arm	Damper rod	66278	7
12	Damper arm	M/H #20265	12635†	7, 8, 9, 11, 12, 13, 14, 15, 16, 17, 18, 23, 25
13	Ball and socket	M/H #27518	12636††	
14	Crank arm	M/H #221455A, use with current motors (PNs 115682, 115683, and 115681)	116209	9, 12, 13, 15, 16, 18, 23, 25
		M/H #7616BR, use with obsolete motors (PNs 53928, 87059, and 96767)	20874	
14A	Spacer	Crank arm	195639	
15	Support assembly	Damper motor	100315	7, 8
16	Support plate	Damper arm	14225	11

*Refer to wiring diagram for applicable motorized AR option. Options AR9, AR11, AR12, AR13, AR14, AR16, and AR23 are no longer available.

†Quantity = one for options AR7 and AR9, two (2) for options AR8, AR11, AR12, AR13, AR15, AR16, AR18, AR23, and AR25, or three (3) for options AR14 and AR17.

††Quantity = two (2) for options AR7, AR8, and AR9 or four (4) for options AR11, AR12, AR13, AR14, AR15, AR16, AR17, AR18, AR23, and AR25.

Table 56. Dampers and Damper Control Components—Continued				
Item No.	Component	Description	PN	AR Option*
17	Adjustment plate	Damper arm	115687	12, 13, 14, 15, 16, 17, 18, 25
18			142982	23
19	Support bracket	Air controller	103758	9, 12, 13, 14, 16, 18
20	Potentiometer	M/H #112894FA	16110	9, 13, 15, 18
21	Controller	Mixed air, M/H #T991A-1004	16109	12, 13, 15, 16
21A	Clamp	Grommet	39224	
22	Controller	Outdoor air, J/C #A19AAF-120 (replaces PN 16108)	126170	14, 15, 16
23	Null switch	Pressure, range: 0.01 to 0.20 IN WC , Dwyer #1640-0	88052	23
*Refer to wiring diagram for applicable motorized AR option. Options AR9, AR11, AR12, AR13, AR14, AR16, and AR23 are no longer available.				
†Quantity = one for options AR7 and AR9, two (2) for options AR8, AR11, AR12, AR13, AR15, AR16, AR18, AR23, and AR25, or three (3) for options AR14 and AR17.				
††Quantity = two (2) for options AR7, AR8, and AR9 or four (4) for options AR11, AR12, AR13, AR14, AR15, AR16, AR17, AR18, AR23, and AR25.				

Table 57. Discharge Dampers and Controls					
Component	Description	Unit Size (RGB and RPB Models)			Unit Size (RPBL, RGBL, and PGBL Models)
		075, 100, 125	150, 175	200–400	400–1200
		PN (Quantity)*			
Damper	Discharge	15868	15869	12634	12634
Damper and frame assembly		105421	105422	105423	105423
Base	Damper motor	113873			113873
Cover		113874			113874
Motor	Damper	209351			209351
Mounting kit	Damper motor	209352			209352
Shaft		113775			113775
Damper arm	Honeywell #26026K	12635 (2)			12635 (2)
Ball joint	Honeywell #27518	12636 (2)			12636 (2)
Damper rod	9-1/2 inches long	114467			114467
*Quantity is one (1) unless otherwise indicated.					

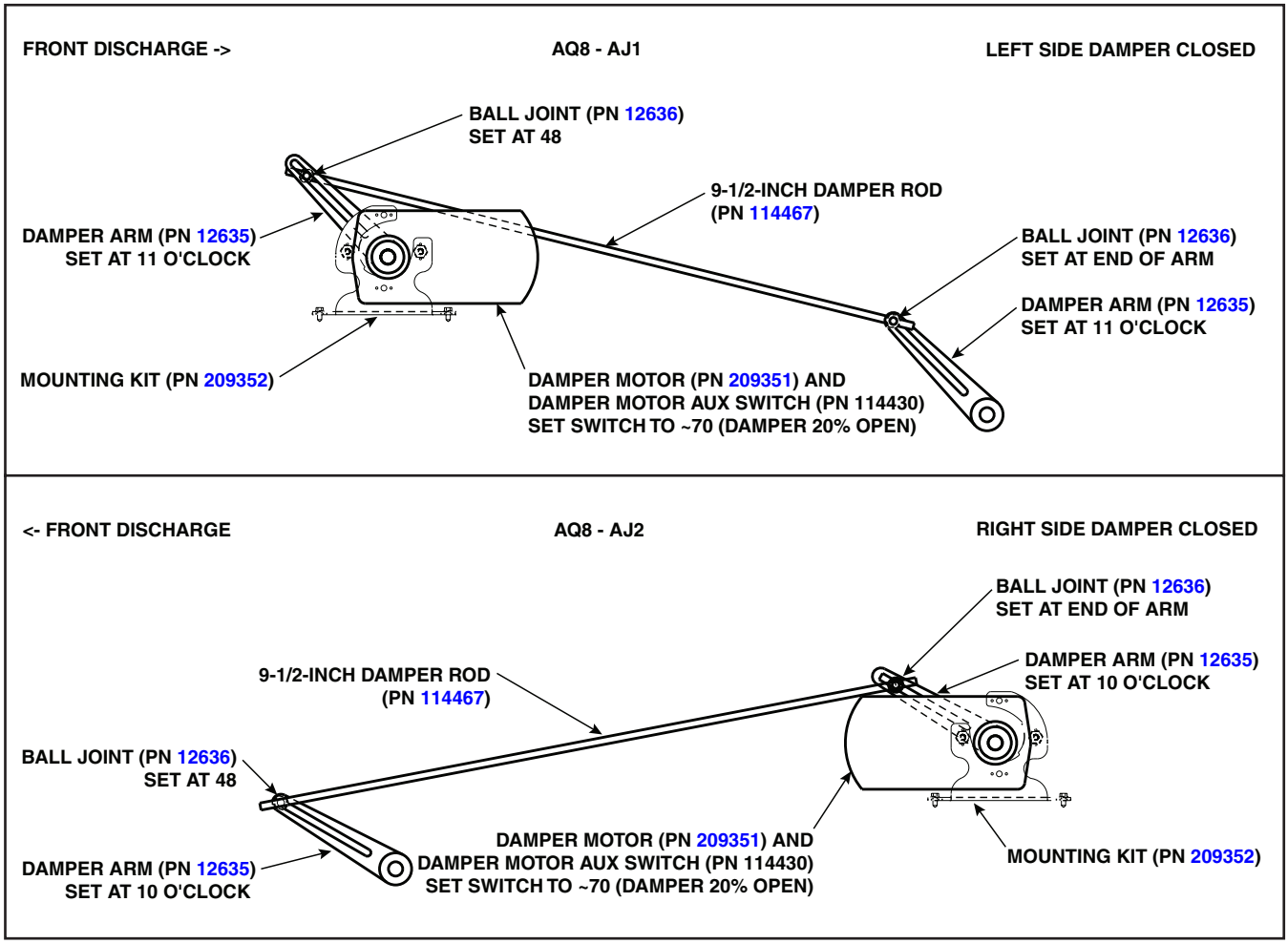


Figure 33. Damper Linkage (Option AQ8)

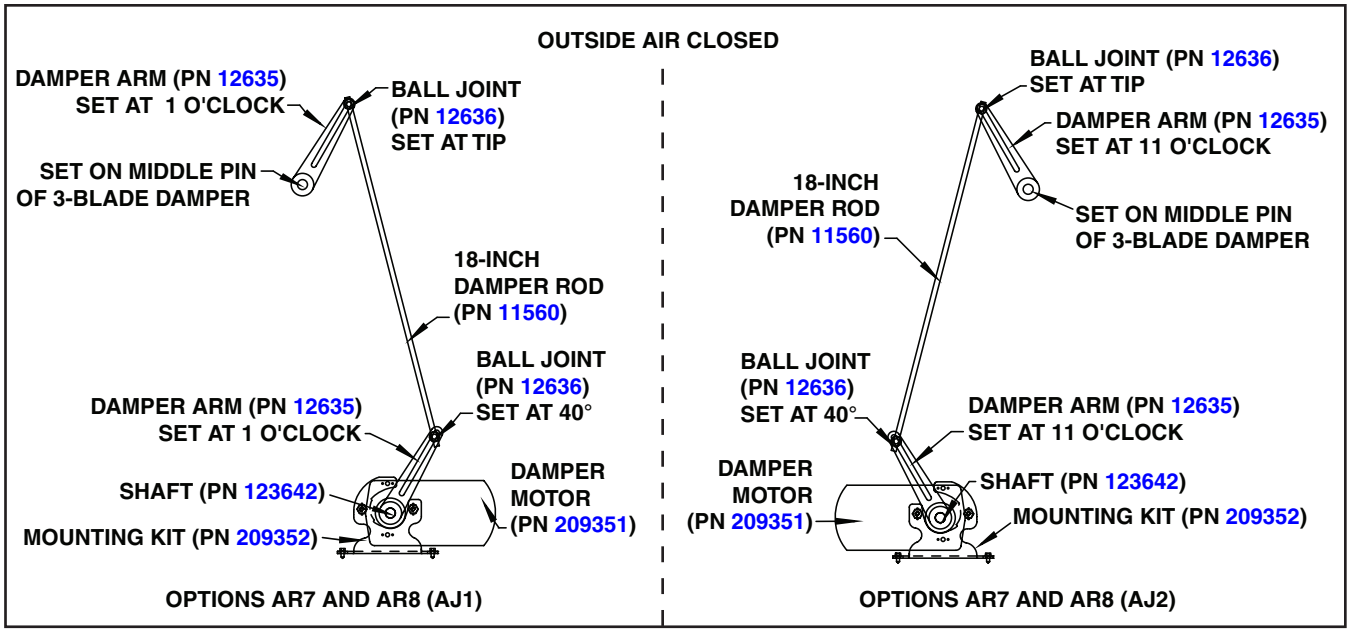


Figure 34. Damper Linkage (Options AR7 and AR8)—RPB Models Manufactured After MAR 2012

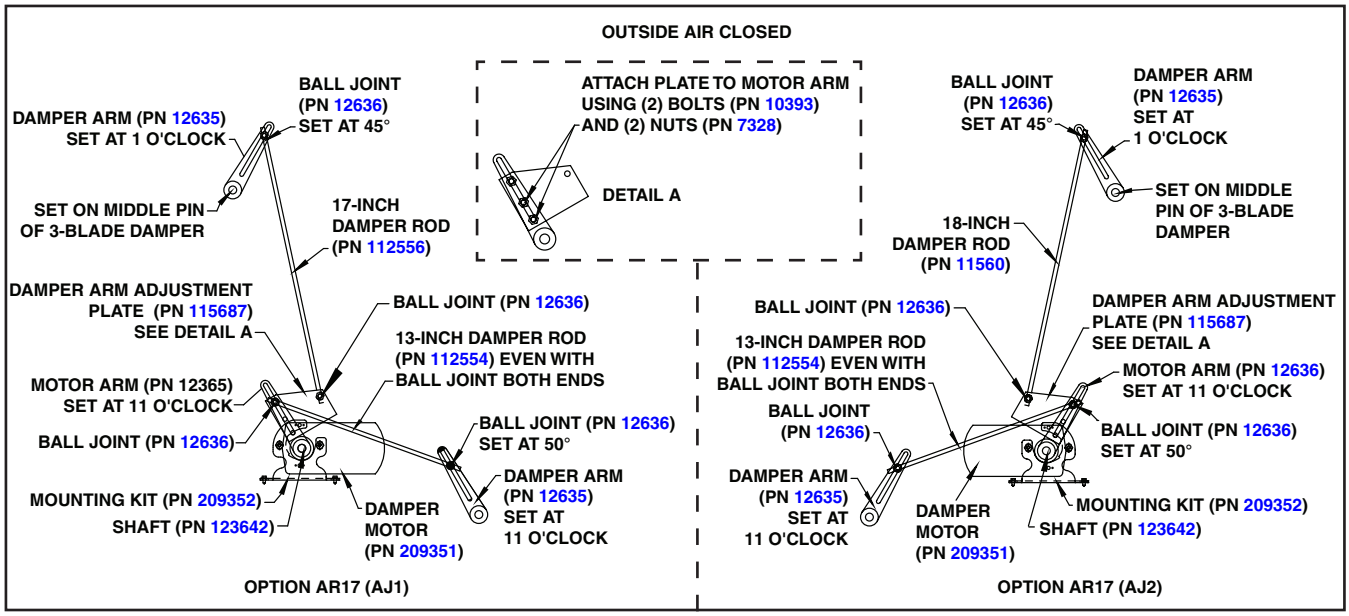


Figure 35. Damper Linkage (Option AR17)—RPB Models Manufactured *After* MAR 2012

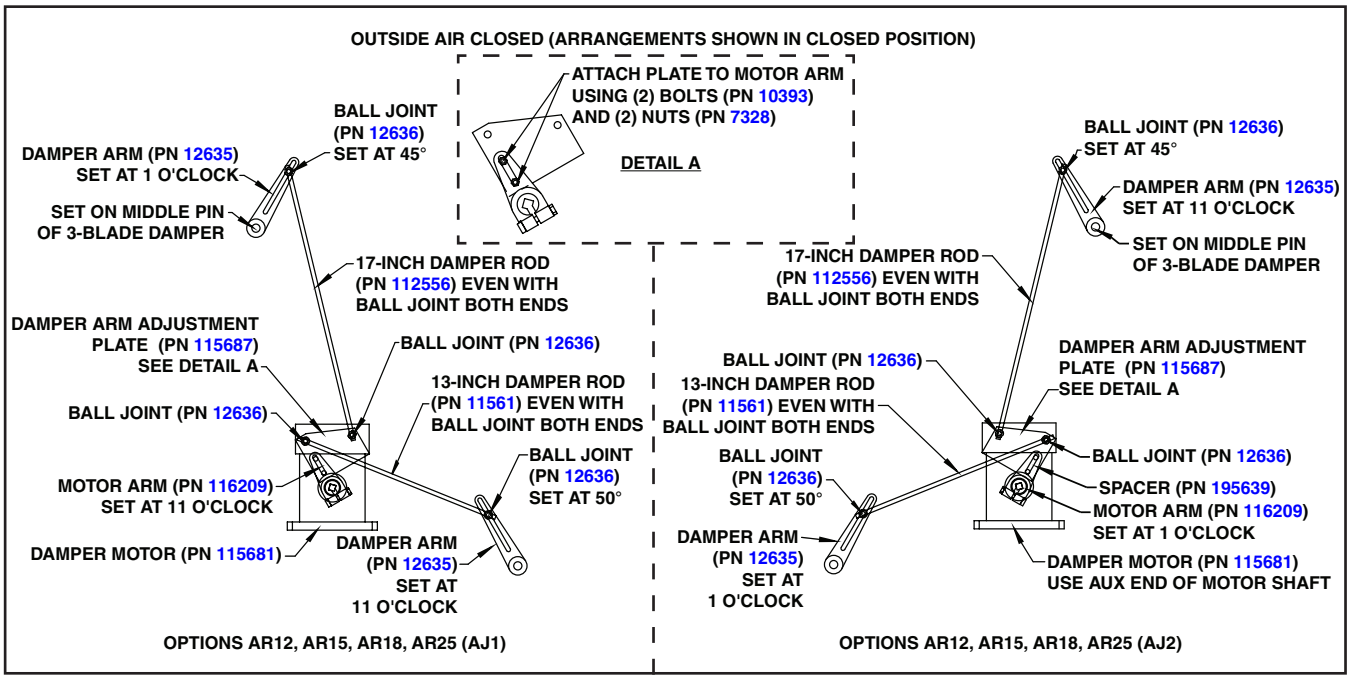


Figure 36. Damper Linkage (Options AR12, AR15, AR18, and AR25)—RPB Models Manufactured *After* MAR 2012

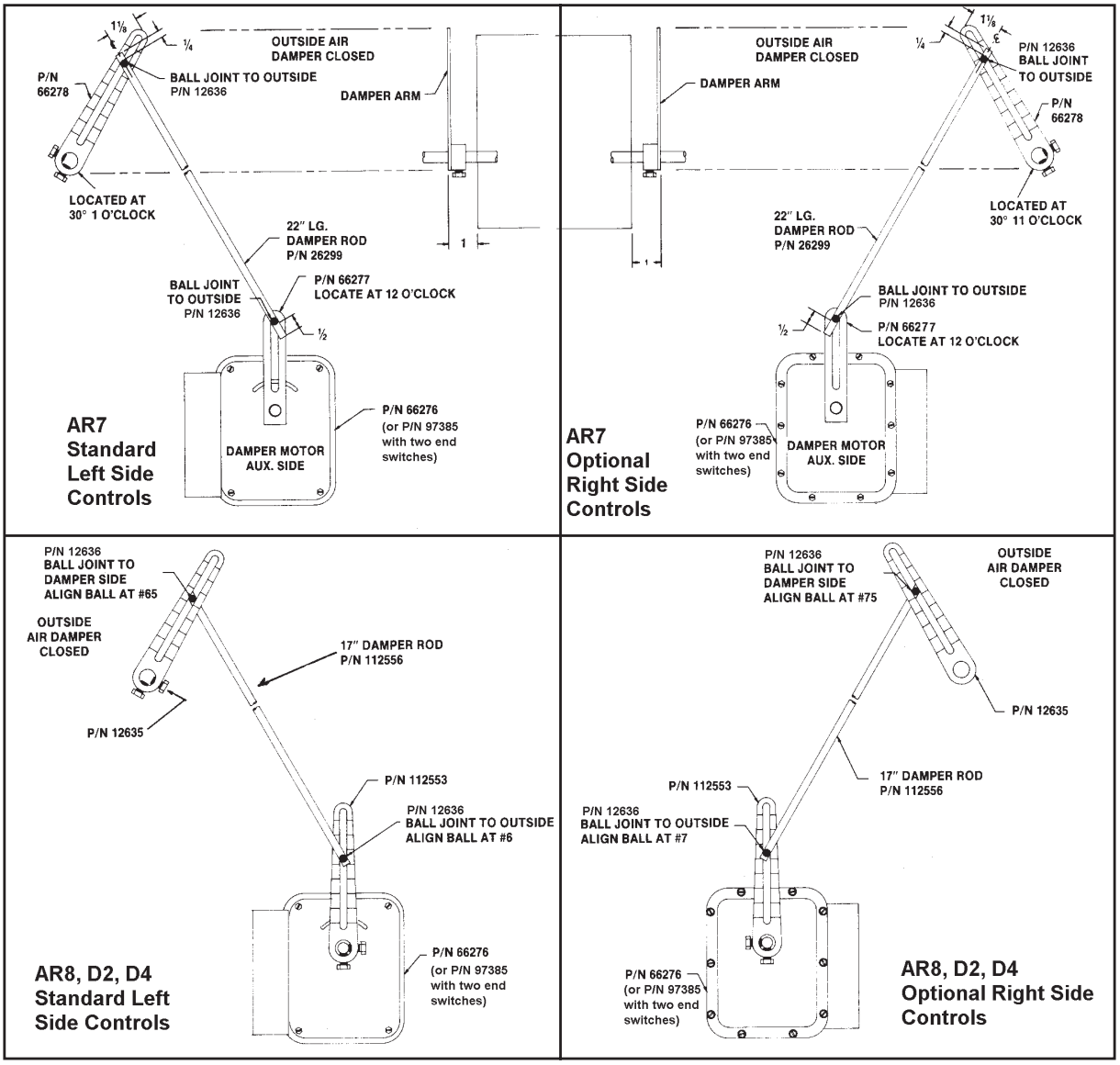


Figure 37. Damper Linkage (Options AR7, AR8, D2, and D4)—Units Manufactured *Before* AUG 2004

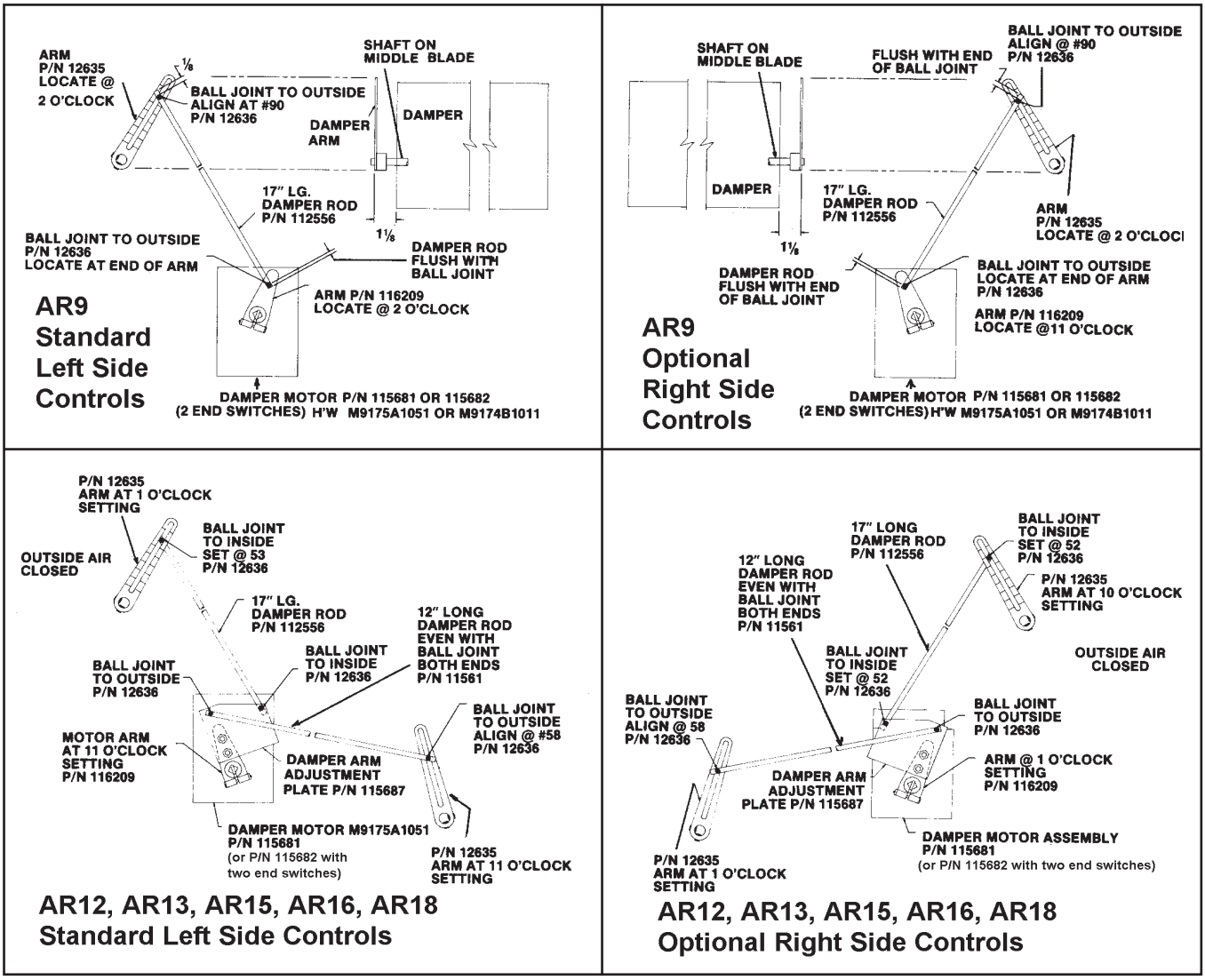


Figure 38. Damper Linkage (Options AR9, AR12, AR13, AR15, AR16, and AR18)—Units Manufactured *Before* APR 2012

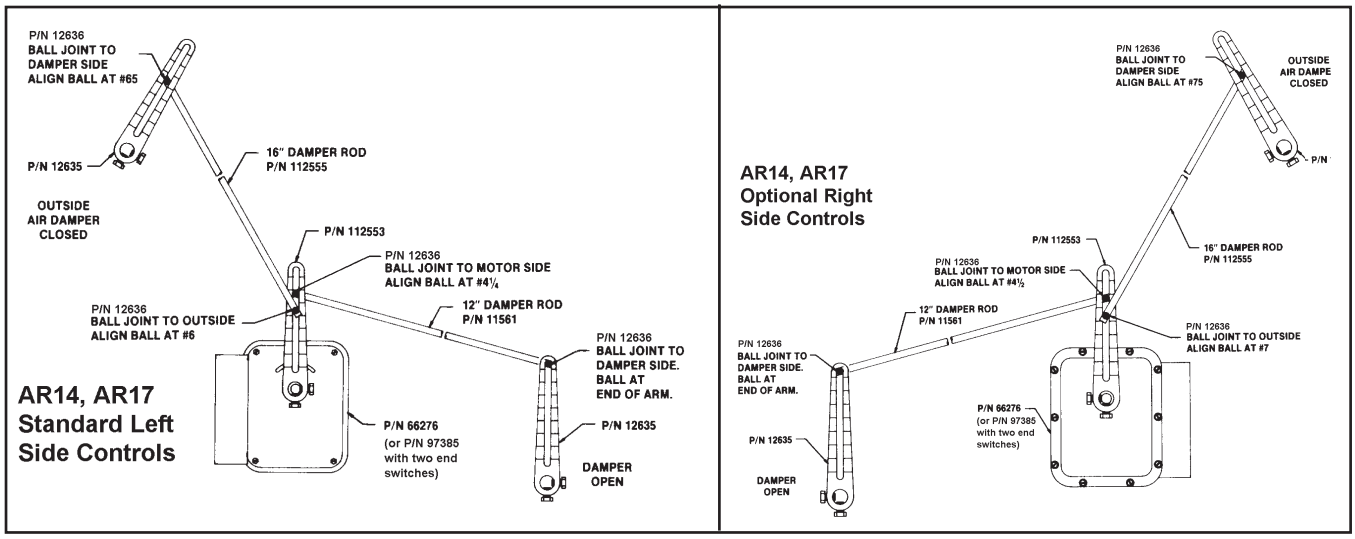


Figure 39. Damper Linkage (Options AR14 and AR17)—Units Manufactured *Before* AUG 2004

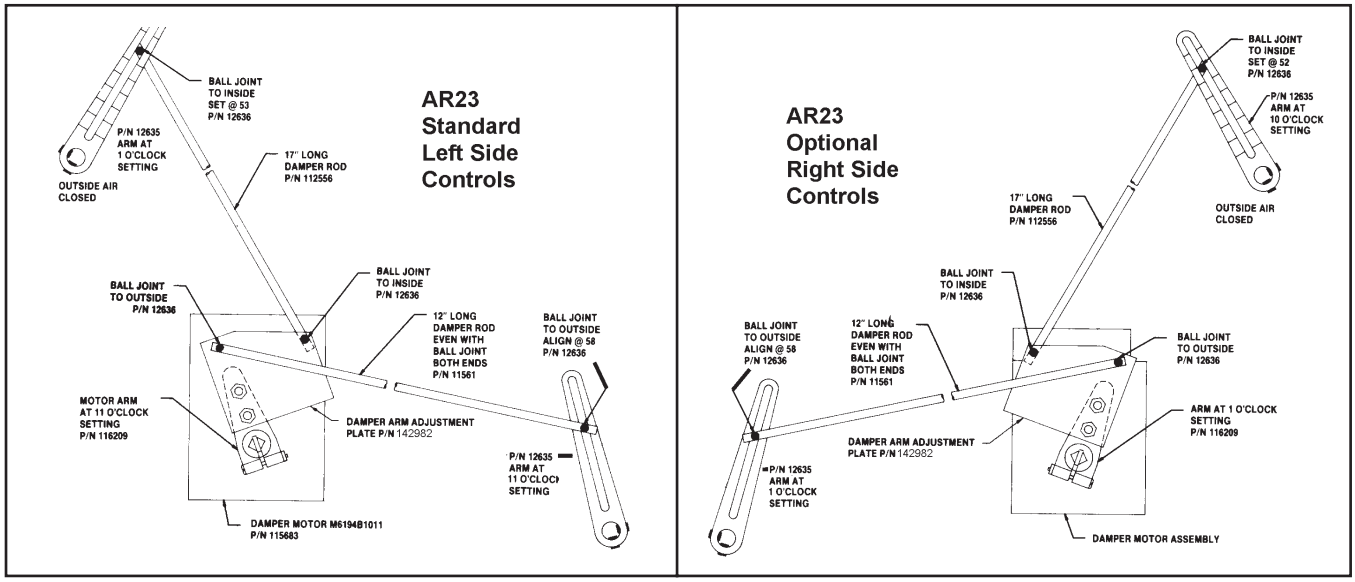


Figure 40. Damper Linkage (Option AR23)—Units Manufactured *Before* APR 2012

REMOTE CONSOLE (OPTION RC)

NOTES:

- **The remote console box (see Figure 41) is provided with knockout holes for field wiring. The cover is made of plastic with custom engraving. The remote console includes a mounting ring (refer to Table 58) so that the console may be either recessed or wall-mounted.**
- **Order replacement parts for the option RC remote console by PN.**

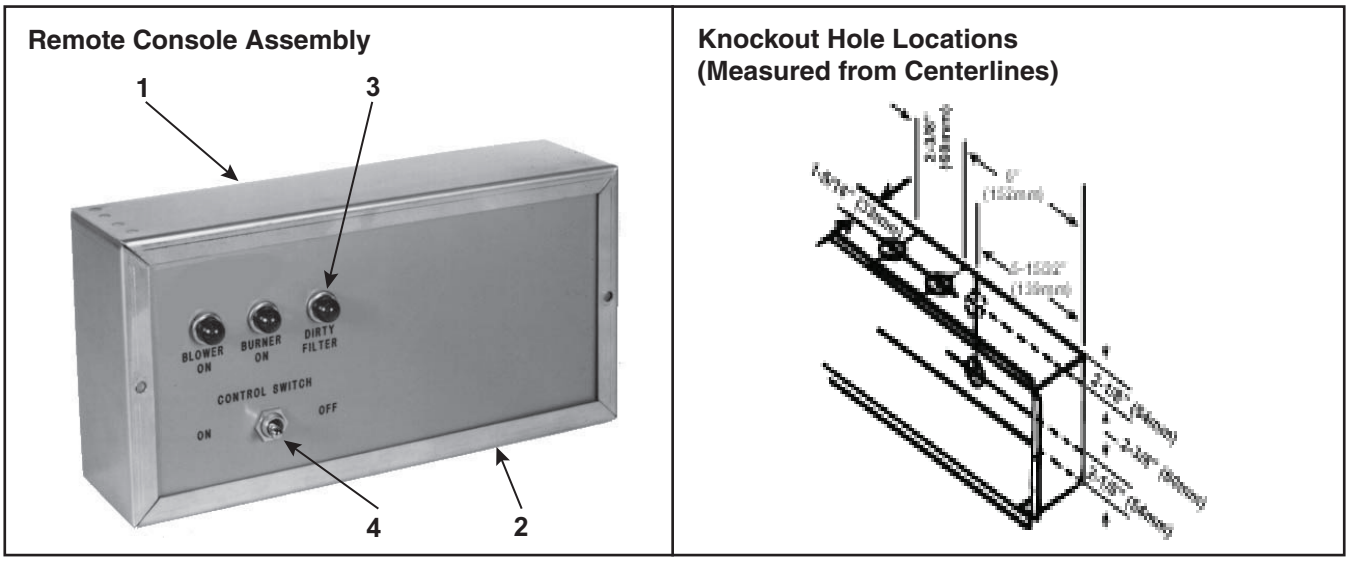


Figure 41. Remote Console Assembly (Refer to Table 58)

Table 58. Remote Console Components

Item No.	Component	Description	PN	Function	Option (RC) Availability
—	Remote console assembly*	10-3/4 × 7-5/8 × 2-5/8	—	Without optional control	1–12
				With optional control	1, 2, 3, 4, 5, 6, 9
		15-3/4 × 7-5/8 × 2-5/8		With optional control	7, 8, 10, 12
				With and without optional control	11
1	Console box	10-1/16 × 6-5/8 × 2-5/8, 16-gauge steel	107010	—	1–12
		15-1/16 × 6-5/8 × 2-5/8, 16-gauge steel	107011		
2	Wall-mounting ring	For 10-1/16-inch-long console box	107014		
		For 15-1/16-inch-long console box	107015		
3	Indicator light	Red lens, Solico #5TD1L-R-B5	101889	BLOWER: illuminates when blower is operating	
				BURNER ON: illuminates when burners are lit	
				DIRTY FILTER: illuminates when pressure switch indicates that filters need to be cleaned or replaced	2, 4, 6, 8, 12
				COOLING: illuminates when cooling system is operating	7, 9, 11, 12
4	Control switch	SPDT, Cutler Hammer #7505K6	101901	ON/OFF: ON energizes unit for thermostat control; OFF deenergizes unit and closes optional automatically-controlled outside air dampers	3, 4, 7, 8, 11, 12
		DPDT, Cutler Hammer #7561K6	101900	SUMMER/WINTER/OFF: SUMMER energizes blower; WINTER energizes unit for thermostat control; OFF deenergizes unit and closes optional automatically-controlled outside air dampers	5, 6, 10
				HEAT/VENT/COOL: HEAT energizes unit for thermostat control; VENT energizes blower and opens optional automatically-controlled outside air dampers; COOL energizes blower	7, 8, 11, 12
5	Thermostat	Refer to **THERMOSTATS** section			1, 2, 5, 9
6	Potentiometer		16110	—	

*Subtract 5/8-inch when recessing console (not using wall-mounting ring).

THERMOSTATS

NOTE: Thermostats, which are shown in Figure 42 and listed in Table 59, can be either wall-mounted or mounted on the remote console (refer to REMOTE CONSOLE (OPTION RC) section.

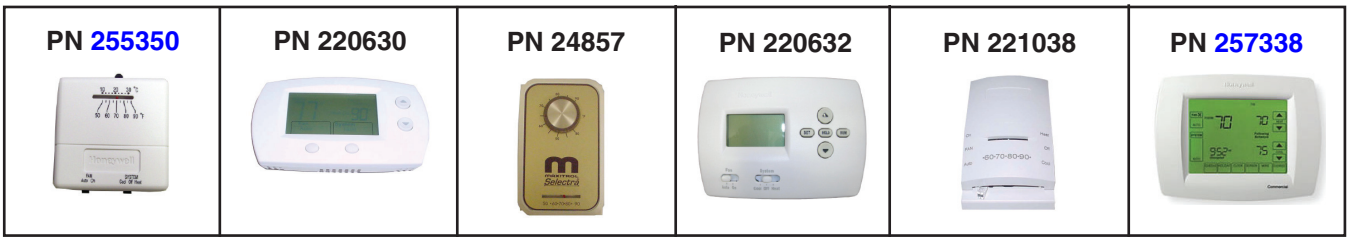


Figure 42. Thermostats (Refer to Table 59)

Table 59. Thermostats

Option	Type	Description	PN
CL1, RC1	Single-stage heating/cooling	24V, snap-acting, 50–90°F, with fan AUTO/ON and COOL/OFF/HEAT	255350
CL22, RC2	Two-stage heating/cooling	24V, digital, 40–90°F, with fan AUTO/ON	220630
CL9	Electronic modualting	Low voltage for makeup air, room override, 60–85°F	24857
CL52, RC9	Single-stage heating/cooling	24V, programmable, 45–88°F, with fan AUTO/ON and COOL/OFF/HEAT	220632
CL33, RC5	Electronic two-stage heating/cooling	24V, programmable	221038
CL23	Electronic two-stage heating/cooling	Programmable (7-day), touchscreen, M/H #TB8220U1003	257338

OPTIONAL OUTSIDE AIR INLET HOOD (WEATHERHOOD)

NOTE: When installing an air inlet hood hood, ensure that the hood's top flange is slid under the cabinet top.

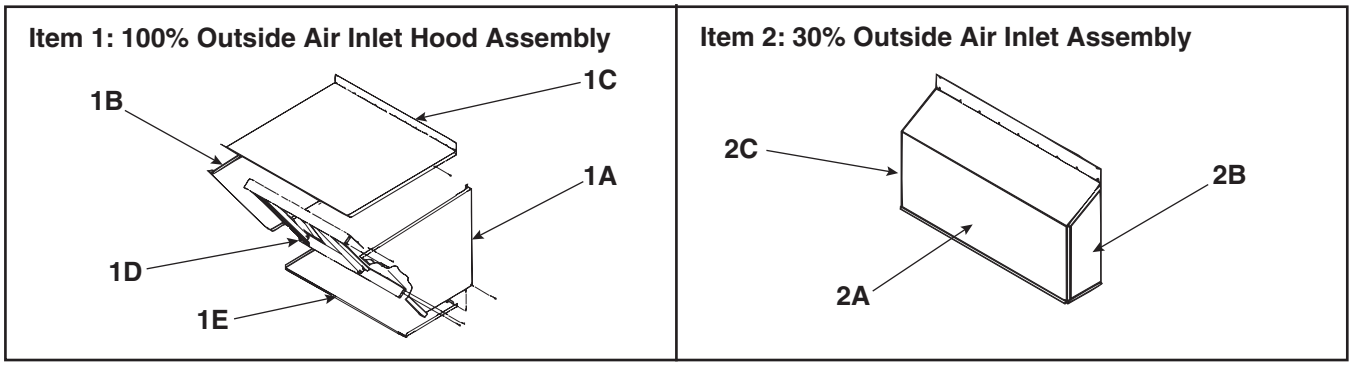


Figure 43. Outside Air Inlet Hood Assemblies (Refer to Table 60)

Table 60. Outside Air Inlet Hood Components

Item No.	Component	Description	Unit Size (RGBL and RPBL Models)					
			—			500, 600	750, 1050	400, 800, 1200, and RBL Models
			Unit Size (RGB and RPB Models)					
			075, 100, 125	150, 175, and RBA Models	200, 225	250, 300	350	400
1	Hood assembly	100% outside air	106201	106202	106203	106204	106205	106206
1A	Panel	Left side	100216					
1B		Right side	100217					
1C		Top	100227	100228	100229	100230	100231	100232
1D		Bottom	100234	100235	100236	100237	100238	100239
1E	Louver	Assembly	103773	103774	103775	103776	103777	103778
2	Hood assembly*	30% outside air	105117	105118	105119	105120	105121	105122
2A	Cover	Inlet hood	103797	103798	103799	103800	103801	103802
2B	Panel	Right side	100264					
2C		Left side	100265					

*Part of option AR6 or AR7 (used on outdoor units only).

NOTE: Fusible switches listed in Table 61 do not include fuses.

Figure 44. Disconnect Switch

Table 61. Disconnect Switches

Installation Type	Amps	Volts	Non-Fusible or Fusible*	Installation Location			
				US		Canada	
				Option	PN	Option	PN
Indoor	30	240	Non-Fusible	CP1	40267	—	
			Fusible	CP2	40268		
		600	Non-Fusible	CP3	50365	CP58	208053
			Fusible	CP4	50366	CP41	208046
	60	240	Non-Fusible	CP21	161462	—	
			Fusible	CP17	161459		
		600	Non-Fusible	CP23	161464	CP60	208055
			Fusible	CP20	161461	CP43	208047
	100	240	Non-Fusible	CP22	161463	—	
			Fusible	CP18	90973		
		600	Non-Fusible	CP24	164330	CP62	208057
			Fusible	CP36	155010	CP45	208049
Outdoor	30	240	Non-Fusible	CP5	40269	—	
			Fusible	CP6	87147		
		600	Non-Fusible	CP7	50367	CP59	208054
			Fusible	CP8	50368	CP42	208046
	60	240	Non-Fusible	CP30	161469	—	
			Fusible	CP17	161459		
		600	Non-Fusible	CP38	155012	CP61	208056
			Fusible	CP20	161461	CP44	208048
	100	240	Non-Fusible	CP31	162834	—	
			Fusible	CP18	90973		
		600	Non-Fusible	CP39	155013	CP63	208058
			Fusible	CP36	155010	CP46	208050

ROOF CURB ASSEMBLIES

NOTE: The roof curb assemblies listed in Table 62 are 16-inch curbs (CJ options).

Table 62. Roof Curb Assembly Components

Model	Unit Size	Standard System			Downturn Plenum		
		Package	Curb Side	Curb Front/Back	Package	Curb Side	Curb Front/Back
		PN (Quantity)			PN (Quantity)		
RGBL, RPBL	400	107251 (1)	107257 (2)	104657 (2)	107270 (1)	107276 (2)	104657 (2)
	500, 600	107252 (1)	107258 (2)	104655 (2)	107271 (1)	107277 (2)	104655 (2)
	700	107253 (1)	107258 (2)	104656 (2)	107272 (1)	107277 (2)	104656 (2)
	800	107254 (1)	107258 (2)	104657 (2)	107273 (1)	107277 (2)	104657 (2)
	1050	107255 (1)	107259 (2)	104656 (2)	107274 (1)	107278 (2)	104656 (2)
	1200	107256 (1)	107259 (2)	104657 (2)	107275 (1)	107278 (2)	104657 (2)
RBL	—	111944 (1)	111940 (2)	104657 (2)	111381 (1)	111385 (2)	104657 (2)
RGB, RPB	075, 100, 125	105215 (1)	105221 (2)	104652 (2)	104673 (1)	104649 (2)	104652 (2)
	150, 175	105216 (1)	105221 (2)	104653 (2)	104674 (1)	104649 (2)	104653 (2)
	200, 225	105217 (1)	105221 (2)	104654 (2)	104675 (1)	104649 (2)	104654 (2)
	250, 300	105218 (1)	105221 (2)	104655 (2)	104676 (1)	104649 (2)	104655 (2)
	350	105219 (1)	105221 (2)	104656 (2)	104677 (1)	104649 (2)	104656 (2)
	400	105220 (1)	105221 (2)	104657 (2)	104678 (1)	104649 (2)	104657 (2)

Model	Unit Size	Cooling Coil Cabinet (Option AU2 or AU3)				Cooling Coil Cabinet and Downturn Plenum (Option AU11, AU12, AU13, or AU14)			
		Package	Curb Side		Curb Front/Back	Package	Curb Side		Curb Front/Back
		PN (Quantity)				PN (Quantity)			
RGBL, RPBL	400	174102 (1)	104649 (2)	172867 (2)	104657 (2)	174108 (1)	104649 (2)	172879 (2)	104657 (2)
	500, 600	174103 (1)	104649 (2)	172868 (2)	104655 (2)	174109 (1)	104649 (2)	172880 (2)	104655 (2)
	700	174104 (1)	104649 (2)	172869 (2)	104656 (2)	174110 (1)	104649 (2)	172881 (2)	104656 (2)
	800	174105 (1)	104649 (2)	172870 (2)	104657 (2)	174111 (1)	104649 (2)	172882 (2)	104657 (2)
	1050	174106 (1)	104649 (2)	172871 (2)	104656 (2)	174112 (1)	173606 (2)	172883 (2)	104656 (2)
	1200	174107 (1)	104649 (2)	172872 (2)	104657 (2)	174113 (1)	173606 (2)	172884 (2)	104657 (2)

Model	Unit Size	With Downturn	Without Downturn
		Package PN	Package PN
RPDBL	800	177171	177172
	1000, 1200	177177	177178
	1400	177179	177180
	1600	177181	177182

Hardware		
Component	Description	PN
Capscrew	Hex head, 5/16 × 3/4 long	16247
Hex nut	5/16-18	1035
Lag screw	5/16 × 1 long	16243
Lockwasher	5/16	1333
Tape	Foam sealant, 1/4 × 1-1/4, 50-foot roll	66302

Specifications and illustrations subject to change without notice or incurring obligations.
Latest version of this manual is available at **www.reznorhvac.com**.

RP-HRPD-RPB-RPBL-RPL (02-23) 263984-E