

REPLACEMENT PARTS FOR MODULAR AIR PROCESSING SYSTEMS (MAPS®) WITH R-410A REFRIGERANT

MAPS®III CABINET SIZES A, B, C, D: MODELS RCB, RDB, RDCB, RDDB, RECB, REDB

MAPS®IV CABINET SIZES A, B, C: MODELS RCC, RDC, RDCC, RDDC, RECC, REDC

TABLE OF CONTENTS

IMPORTANT SAFETY INFORMATION	2
CABINET APPLICABILITY	2
RATING PLATE.....	3
SERIAL NUMBERS	4
CROSS-REFERENCE BY CABINET SIZE	5
ELECTRICAL COMPARTMENT AND CONTROL COMPONENTS.....	7
MOTOR COMPONENTS.....	17
DRIVE COMPONENTS (PULLEYS AND BELTS).....	21
MOTOR-MOUNTING, BLOWER, AND PLENUM FAN COMPONENTS	26
COOLING AND DEHUMIDIFYING COMPONENTS	29
INLET AIR COMPONENTS	45
DAMPER COMPONENTS	48
ENERGY RECOVERY MODULES.....	50
POWER EXHAUST (OPTION PE) COMPONENTS	53
GAS HEAT SECTION COMPONENTS (MODELS RDCB AND RDDB)	53
ELECTRIC HEAT MODULES (MODELS RECB AND REDB)	64
EXTERNAL CABINET PARTS	67
ROOF CURBS	71

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.

Table 41. Gas Heat Components—Continued

Cabinet C					
Item No.	Component	Gas Heat Section Size			
		400	500	600	700
		PN (Quantity)*			
23	Flue collection box assembly	254826	254827	254828	263272
23A	Flue collection box gasket (not shown)	256623 (3)	256624 (3)	256625 (6)	256626 (2)
		259380	259381	259382	259383 (2)
24	Heat exchanger header panel	254841	254842	254843	254844
24A	Heat exchanger header gasket, side	208139 (2)	208139 (2)	208139 (2)	208139 (2)
24B	Heat exchanger header gasket, top and bottom	256630 (2)	256631 (4)	256632 (4)	256633 (4)
25	Gasket, between header and heat exchanger	259380	259381	259382	259386 (2)
26	Heat exchanger section, 409SS	256619 (4)	256619 (5)	256619 (6)	256619 (7)
	Heat exchanger section, 316SS	256620 (4)	256620 (5)	256620 (6)	256620 (7)
26A	Heat exchanger section gasket	221637 (2 per module)			
27	Burner shield	254768	254769	254770	254771
28	Burner assembly	257345	257346	257347	257348
29	Burner support	196598 (8)			
30	Burner orifice	257343	257344	222884	222885
31	Locknut, burner orifice	165702			
32	Ignitor	209339			
32A	Bracket, ignitor	209989			
33	Flame sensor	222771			
33A	Bracket, flame sensor	209989			
34	Ignition board	257975			
35	Gas valve	159743			
36	Ball valve	222861			
37	Ball valve actuator	222862			
38	Transducer	257001			
39	High temperature limit, 60-inch	148588			
40	Reverse flow limit, 66-inch	151790			
41	Low gas pressure switch	204375			
42	High gas pressure switch	204297			
43	Venter assembly support	254830			
44	Venter housing	257602			
45	Static pressure tap	116043			
46	Venter side support	254831 (2)			
47	Venter outlet plate	258253			
48	Venter motor and wheel assembly	254847			
48A	Venter wheel	221172 (for units manufactured before JUL 2009)			
		222822 (for units manufactured after JUN 2009)			
48B	Venter motor plate	254832			
48C	Venter motor plate gasket	222856			
48D	Venter motor, with capacitor	257461			
	Replacement capacitor (not shown)	1024273			

*Quantity is one (1) unless otherwise indicated.

GAS HEAT SECTION COMPONENTS (MODELS RDCB AND RDDB)—CONTINUED

Table 41. Gas Heat Components—Continued									
Cabinet D									
Item No.	Component	Gas Heat Section Size							
		500	600	700	800	1000	1200	1400	1600
		PN (Quantity)*							
49	Flue collection box with drain	222398	222399	222400	222401	222398 (2)	222399 (2)	222400 (2)	222401 (2)
50	Heat exchanger header panel, modulating heat section	221267	221268	221269	221270	221271	221272	221273	221274
	Heat exchanger header panel, single-stage heat section	—	—	—	—	221275	221276	221277	221278
51	Heat exchanger module, three-tube module with gaskets, 409SS	222460 (5)	222460 (6)	222460 (7)	222460 (8)	222460 (10)	222460 (12)	222460 (14)	222460 (16)
	Heat exchanger module, three-tube module with gaskets, 316SS	222461 (5)	222461 (6)	222461 (7)	222461 (8)	222461 (10)	222461 (12)	222461 (14)	222461 (16)
51A	Gasket, heat exchanger module	221637 (2 per module)							
52	Burner shield with drain	222394	222395	222396	222397	222394 (2)	222395 (2)	222396 (2)	222397 (2)
53	Burner shield end assembly	223124				223124 (2)			
54	Burner assembly	222758	222759	222760	222761	222758 (2)	222759 (2)	222760 (2)	222761 (2)
55	Burner slider	221349	221350	221351	221352	221349 (2)	221350 (2)	221351 (2)	221352 (2)
56	Burner orifice, natural gas	222883	222884	222885	222886	222883 (2)	222884 (2)	222885 (2)	222886 (2)
57	Ignitor	209339				209339 (2)			
58	Flame sensor	222771				222771 (2)			
59	Burner ignition board	257975							
60	Manual shutoff valve	159725				159725 (2)			
61	Gas valve, natural gas	159743				159743 (2)			
62	Ball valve	222861							
63	Ball valve actuator	222862							
64	Gas manifold pressure switch	211130							
65	Low gas pressure switch	204375							
66	High gas pressure switch	204297				204297 (2)			
67	High temperature limit control, with 60-inch capillary	148588							
68	Venter housing	257602				257602 (2)			
69	Venter adapter	223022				223022 (2)			
70	Static pressure tap (not shown)	116043				116043 (2)			
71	Venter motor and wheel assembly, modulating heat section	222857			222858	222857			222858
	Venter motor and wheel assembly, single-stage heat section	—				223387			223388
71A	Venter wheel	221172			222822	221172			222822
71B	Venter motor plate gasket	222856							
71C	Venter motor plate	223456							
71D	Venter motor, with capacitor (replacement capacitor is PN 1024273)	257461							
	Venter motor, with capacitor, for single-stage heat sections (replacement capacitor is PN 259476)	—				222443			

*Quantity is one (1) unless otherwise indicated.