### REPLACEMENT PARTS MANUAL

## MPG-C SUFFIX SERIES

### GAS FURNACES

**BTU/HR: 40,000** 60,000 80,000 140,000

Manual 2110-865 Revision A Oate 10-27-94 Supersedes 12-02-92

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Contact the installing and/or local distributor for all parts requirements. Make sure you have the complete model and serial number available from the unit rating plate.

**Bard Manufacturing Company** 

Bryan, Ohio 43506

<sup>\*</sup>Revised and/or additional pages may be issued from time to time.

<sup>\*</sup>A complete and current manual consists of pages dated as shown in the following index.

# **PARTS**

# FUNCTIONAL PARTS LIST

The format of this parts list allows you to get the part number quickly. It allows you to easily identify the part and the part number. Propane Conversion Kit and Filter Frames are also listed in the parts list.

If you do not know the part number, find the part illustration to the left and note the illustration number. Locate the illustration number in the Parts List on the back foldout of this packet. Read across the list to locate the part number for the appropriate size furnace.

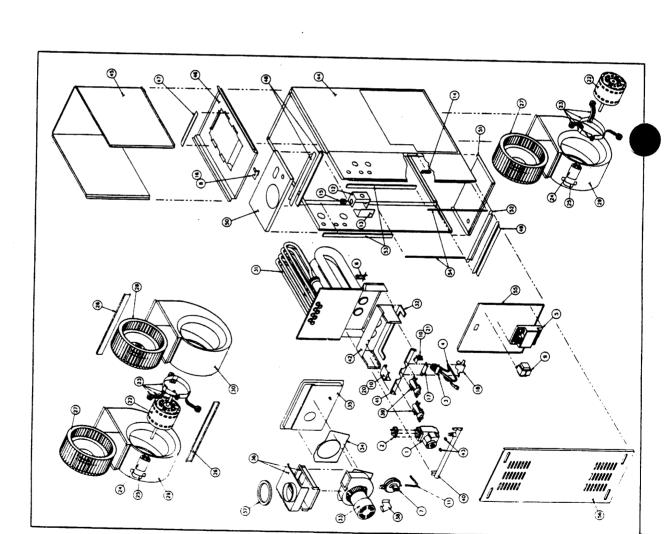
EXAMPLE: You need an inducer motor for a 60,000 BTUH input 1/3 H.P. furnace:

- Find the inducer motor in the illustration and get the illustration numbed (in this case 33).
- Go to the table and read down to illustration number 33.
- Read across the row to find the part number for the 60,000 BTUH input 1/3 H.P. furnace.
- Read part number 9043-349.

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		+BTU/HR	40.000	40 000	90000	60,000	0000	00000	0000					
	1.	+ MOTOR HORSEPOWER	1/4 HP	1/3 HP	1/4 HP	1/3 HP	1/2 HP	1/3 Hp	1/2 HP	3/4 40	00000	000,000	28,000	140 000
	윘	No Description REFERENCE NUMBER	040D24	040D36	060D24	060D36	060048	250000	9800	09000	1000	2000	3/4 ПР	3/4 H
	ũ	ON TROLS GROUP							2000	00000	100048	080001	120060	140D60
	-	Gas Control - HW Nat (SV9500M)	9043-426	9043-426	9043-426	9043.4%	9043-426	9043 436	0042 426	-				
	8	2 Inlet Gas Connector	9043-422	_	_		9043-422	-			_		2043428	9043.426
	ო		9043-427			_	9043-427	-		9043-422			9043-422	9043 422
	4	Pilot Tubing	9043-302	_		_	9043 303	_	124545	2010			9043-427	9043-427
	ς, i	Control Module (ST9141A1002)			9043-428		9043-428		9043-428	9043-428	9043-302	9043-302	9043-302	9043 302
	ij	4						_			_	2	97	874.5408
	9		9043-304	9043-305	9043-304	9043-305	9043-305	9043-304	9043-305	9042-304	9043-304	200	700	300
	^		9043-311	9043-311	9043-311	9043-311	9043-311	9043-311	9043-311	9043-311		25.50	405-5-408	5043-305
	æ			•						2		15-5-51	25.5	9043-311
	0		9043-429	9043-429	9043-429	9043-429	9043-429	9043-429	9043-439	0073	0043	• • • • • • • • • • • • • • • • • • • •	• 50	•
	9	Burner Limit Switch	9043-317	9043-317	9043-317		9043-317	9043-317	9043-317	9042.317		245	2000	9043.42
	Ĭ	HARDWARE										225	155	105.5408
	Ξ		9043-318	9043-318	9043-318	9043-318	9043-318	9043.318	9042-31B	0043 248	0043	200	-	
	72	Junction Box	•	•	•	-		}	200	2000	255	B (5-5-8)	9043-318	9043 318
	13	Junction Box Cover		•	*	•				•	•	•	•	•
	4	Hem Bushing	9043-430	9043-430	9043-430	9047430	0043 430	25.5	0073 730		• 67.00	• (	• ;	•
	5	Strain Relief	•	•				2	200	8045-450	25 4 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	<b>304</b> 3436	9043-430	9043 430
	16		•	•		, ,	•	•	•		•	•		•
	1		707 6700			•	•	•	•	•	•		•	•
	: =		15 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 -		9043-431	9043-431	9043 43	9043-431	9043-431	9043-431	9043-431	9043-431	9043-431	9043-431
	2 9				9043-432	9043-432	9043-432	9043-432	9043-432	9043-432	9043-432	9043-432	9043-432	9043-432
	5 5		8043.433	9043-433	9043-433	9043-433	9043-433	9043-433	9043-433	9403-433	9043-433	8043-433	9043-433	9043-433
	;				•	•	•	•	•	•	•	•		•
	2 6	21 Lower Burner Limit Switch Bracket BLOWER GROUP	9043-434	9043-434	9043-486	9043-486	9043-486	9043-486	89430486	9043-486	9043-486	9043-486	9043-486	9043.486
	1	Distance Account.												
	22	Blower Motor	8 2 2 3	9053-436	9043 435	9043-436	9043-437	9043-436	9043-437	9043-438	9043-437	9043-438	9043-438	9043-439
	23	Motor Mounting Kit		9043-338	200	2043 238	2042 200	2000	9043-442	9043-443	9043-442	9043-443	9043-443	9043-443
	24	Capacitor	8552-004	8552-004	8552.004	8552.004	8045323 8663 004	8050.000	9043-329	9043-328	9043-328	9043-328	9043-328	9043-328
	52		•			امدوسا	**************************************	*m-7000	400-7000	204-2-402	8222-004	9043-430	9043-403	9043-403
	56	Blower Housing Support	¥ <sub>N</sub>	×	ž	Α'N	<b>4</b> × ×	W/W	V/N	•		•	•	•
	27	Blower Wheel Direct Drive (convex)	9043-330	9043-331	9043-330	9043-331	9043-332	9043-331	9043-332	0043-330	9043-333			
	8		¥	ž	Ş	<b>≨</b>	ΥN	N/A	N/A	0043-333	A//A	200	2000	9043 331
	প্ত		B043-444	8043-445	9043-444	9043-445	9043-446	9043-445	9043-446	9043 447	9043-446	9043-447	942447	9045:530
	ခွ	Blower Housing	A/N	₹ Ž	¥¥	¥	V.	ş	×	9043-448	A/N	9043 448	9043-448	9043 450
	뽀													201
	3		9043-340	9043-340	9043-341	9043-341	9043-342	9043-482	9043-343	9043-344	9043-345	9043-346	9042.747	Q043.34B
1	32	32 Bottom Bulkhead Gasket	•	•	•	•	٠	•	•	•	•			
	5 8	יייייייייייייייייייייייייייייייייייייי		1										
te:	3 3	Urafi Inducer Motor Assembly	B043-349	9043-349	9043-349	9043-349	9043-349	9403-349	9043-349	9043-349	9043-451	9043-451	9043-451	9043-451
	3 8	LYAIT INCUCER MOTOR GASKET	8043-351	9043-351	9043-351	9043-351	9043-351	9043-351	9043-351	9043-351	9043-351	9043-351	9043-351	9043-351
10-	ខ្ល	Inducer Pan Assembly	9043-352	9043-352	9043-353	9043-353	9043-354	9043-483	9043-355	9043-356	9043-452	9043-453	9043-454	9043-455
	8 6	riue Box	9043-362	9043-362	9043-363	9043-363	9043-363	9043-363	9043-363	9043-363	9043-363	9043-363	9043-456	9043-456
	٠ ١	Veni Gasker	9043-365	9043-365	9043-365	9043-365	9043-365	9043-365	9043-365	9043-365	9043-365	9043-365	9043-365	9043-365
	8	Flue Box Support	•		•	•	•	•	•	•	•	•	•	
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9043-366 9043-372 9043-462 9043-373	9043-472	• • •	9043-485	9043-476 9043-480 9043-386 N/A N/A	9043-406 9043-407 9043-397 9043-392 9043-394 9043-394 N/A N/A 9043-423
9043-366 9043-371 9043-461 9043-373	9043-471	• • •	9043-484	9043-475 9043-479 9043-386 N/A N/A	9043-406 9043-407 9043-387 9043-392 9043-393 9043-394 9043-402 9043-428
9043-366 9043-370 9043-460 9043-466	9043-471	• • •	9043-376 9043-381	9043-475 9043-479 9043-385 N/A N/A	9043-406 9043-387 9043-390 9043-392 9043-394 9043-395 9043-402 9043-424
9043-366 9043-370 9043-480 9043-466	8043-478	• • •	8043-375 8043-380	9043-474 9043-478 9043-478 N/A 8043-405	N/A 9043-407 9043-387 9043-382 9043-394 9043-394 9043-402 9043-424
9043.368 9043.368 9043.459 9043.455	9043-471	•	8043-378 8043-381	9043-475 9043-479 9043-479 N/A N/A	9043-406 9043-407 9043-387 9043-382 9043-384 9043-384 9043-402 9043-402
8043.366 8043.458 8043.458 9043.458	8043-470 •	• • •	8045-380 8045-380 8045-380	9043-474 9043-477 9043-384 N/A 9043-405	9043-407 9043-387 9043-389 9043-382 9043-394 9043-395 9043-402 9043-402
9043-368 9043-459 9043-459 9043-465	9043-46g	• • • •	2002 2003 372 373	9043-473 9043-477 9043-383 9043-404 N/A	N/A 8043-407 8043-387 8043-382 8043-382 8043-384 9043-384 8043-402 8043-402 8043-423
9043-368 9043-368 9043-458	9043-470		8043-380 8043-380	9043-474 9043-478 9043-384 N/A 8043-405	9043-407 9043-387 9043-389 9043-399 9043-394 9043-395 9043-395 9043-402 9043-402
9043-366 9043-368 9043-458 9043-464	9043-469		9043-378	9043-473 9043-477 9043-383 9043-404 N/A	9043-407 9043-387 9043-388 9043-392 9043-395 9043-402 9043-423
9043-366 904-3368 9043-458 9043-464	8043-468		9043-379	9043-473 9043-383 9043-383 NA	9043-407 9043-387 9043-388 9043-392 9043-394 9043-402 9043-402 9043-424
9043-366 9043-367 9043-457 9043-463	8043-168		9043-378	9043-473 9043-877 9043-383 8043-404 N/A	9043-407 9043-387 9043-388 9043-392 9043-394 9043-402 9043-423 9043-423
9043-366 9043-367 9043-457	9043-469		9043-378	9043-473 9043-477 8043-383 9043-404 NA	9043-407 9043-387 9043-382 9043-382 9043-382 9043-385 9043-402 9043-422
. t % p	Assembly	egui Ai		10) Upflow Upflow Upflow	Fithers (10) 20x20 (Opinow) Fithers (10) 16x20 (All Downflow) Combuston Floor Base (10) (Downflow) Side Fither Cabinet (Upflow) Downflow Fither Kit Nat. to L.P. Conversion Kit (U.S.) L.P. to Nat. Conversion Kit (U.S.) California Nox Screen (1) Hi-Alt. Above 6000 Ft. Hi-Temp. Plastic Vent Support
BURNER GROUP 39 Main Burner 40 Manifold 41 Main Burner Mount 42 Venturi Plats 43 Main Burner Orifices Venturi & Manifold CASING GROUP	Casing Radiation Shield Assembly Blower Deck Air Paffia	In trainer Insulated Duct Flange Door Channel Too Plate Assembly	51 Base Panel 52 Base Support 53 Hem Gaskets 54 Door Gaskets	Blower Door (U.S.) Outer Door (U.S.) Bottom Closures (10) Upflow Filters (10) 14x25 Upflow Filters (10) 16x25 Upflow Filters (10) 20x25 (Upflow)	Filters (10) 50023 (Option) Filters (10) 16x20 (All Downflo Combustion Floor Base (10) (I) Bottom Filter Box (Upflow) Side Filter Cabinet (Upflow) Downflow Filter Kit Nat. to L.P. Conversion Kit (U. L.P. to Nat. Conversion Kit (U. California Nox Screen (1) Hi-Alt. Above 6000 Ft. Hi-Temp. Plastic Vent Support
URNER ( Main Bur Main Bur Venturi Br Venturi Br Venturi Br ASING G	Casing Radiation Blower D	Insula Door	Base Toor	Sottor Sottor Thers	ilhers comb comb comb comb comb comb comb comp comp comp comp comp comp comp comp

(1) Basic models have a "C" suffix letter, California NOx models have a "CX" suffix. Order a screen for each burner.
 + BTU/HR Input and Motor H.P. are listed on the furnace rating plate located on the blower door.
 Consult factory
 NA Not applicable

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