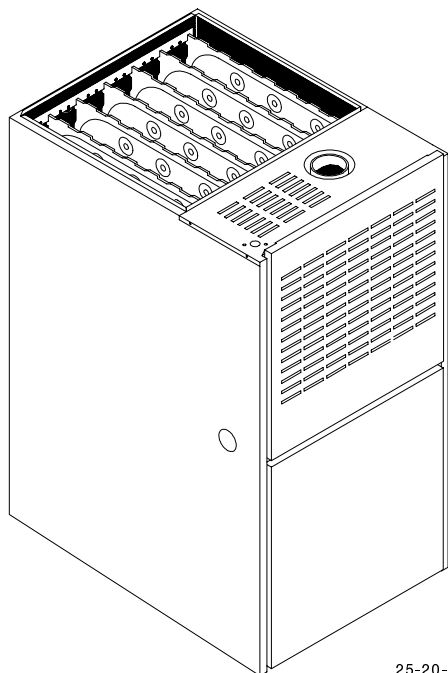


Technical Support Manual



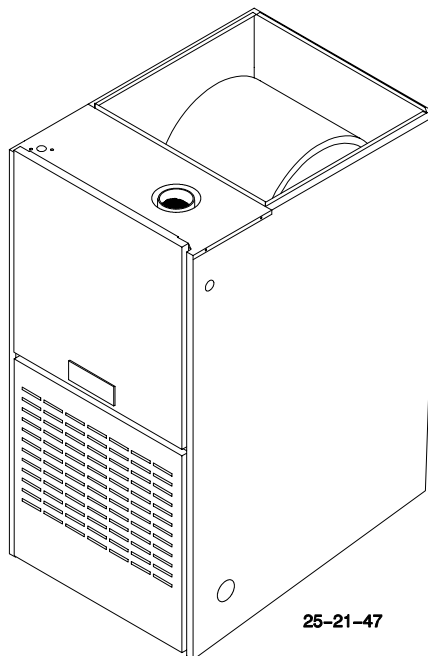
25-20-24

Upflow Models

MUH050N3A1
MUH075N3A1
MUH075N4A1
MUH100N3A1
MUH100N5A1
MUH125N5A1
MUH150N5A1

MUH075N3A2
MUH075N4A2

MUH125N5A2



25-21-47

Downflow Models

MDF050N3A2
MDF075N3A2
MDF100N3A2
MDF125N5A2

MDF075N3A3
MDF125N5A3

Fan Assisted Combustion Gas Furnaces



Manufactured by:
Multi-Ind., Inc.
Lewisburg, TN USA 37091



Save This Manual For Future Reference

Manufacturers Number (Mfr No -See Rating Plate) ALL Models		
Specifications		
General		
Gas Type	Nat	LP
Transformer Size (VA)	40	40
T'stat Heat Anticipator	.30	.30
Gas & Ignition		
Gas Valve	HW SV 9501	HW VR 8204
Regulation Type	SNAP	SNAP
Manifold Press. (Inch's WC)	3.5	10.0
Pilot Orifice Size	.018	.011
Ignition Type/Series	HW HSP	HW HSP
Lock-Out Time	NA	NA
Combustion		
Flue Outlet Size (Inches)	3	3
Std. Outlet Temp (°F)	<480	<480
Limits & Controls		
Fan Control (Type)	HW ST9120	HW ST9120
Fan Control On	30/60	30/60
(Timed-secs) Off	60,100,140,180	60,100,140,180
Gas Conversion Kits - All models Nat to LP NAHF002LP *1009509 or NAHL002LP *1160991 LP to Nat *1009510 LP High Altitude *1160992 Nat High Altitude *1160993 *Must be ordered from Service Parts		

Specifications														
	MUH050N3A		MUH075N3A		MUH075N4A		MUH100N3A		MUH100N5A		MUH125N5A		MUH150N5A	
General														
Input (Btuh)	50,000		75,000		75,000		100,000		100,000		125,000		150,000	
Output (Btuh)	40,000		59,000		59,000		79,000		79,000		99,000		120,000	
Temp. Rise (°F)	35-65		35-65		25-55		45-75		35-65		40-70		45-75	
Electrical (Volts/Hz/FLA)	115/60/5.3		115/60/5.3		115/60/12.0		115/60/7.5		115/60/12.0		115/60/12.0		115/60/12.0	
Gas & Ignition														
Gas Type	Nat	LP	Nat	LP	Nat	LP	Nat	LP	Nat	LP	Nat	LP	Nat	LP
Std. Main Orifices (No/Size)	2/#42	2/#54	3/#42	3/#54	3/#42	3/#54	4/#42	4/#54	4/#42	4/#54	5/#42	5/#54	6/#42	6/#54
Limits & Controls														
Thermal Sensor (°F)	300		300		300		300		300		300		300	
Limit Control Setting (°F)	See Parts List		See Parts List		See Parts List		See Parts List		See Parts List		See Parts List		See Parts List	
Auxiliary Limit (°F)	130		130		130		130		130		130		130	
Std. Pressure Sw. (Part No)	1010897		1010897		1010897		1010896		1010896		1010898		1010898	
Press (Close)	-0.50		-0.50		-0.50		-0.60		-0.60		-0.75		-0.75	
Press (Open)	-0.40		-0.40		-0.40		-0.50		-0.50		-0.65		-0.65	
High Alt. Restrictor (Part No)	734020033		734020026		734020026		734020034		734020034		734020035		734020028	
Blower Data														
Type & Size	10-8		10-8		10-10		10-10		11-10		11-10		12-12	
Motor Amps/Rpm	6.5/1050		6.5/1050		10.3/1100		8.0/1050		11.9/900		11.9/900		11.9/900	
Motor Type/H.p.	PSC/1/3		PSC/1/3		PSC/1/2		PSC/1/2		PSC/3/4		PSC/3/4		PSC/3/4	
Cap. Mfd/Volts	5/370		5/370		10/370		7.5/370		10/370		10/370		10/370	
Filter Type	Washable		Washable		Washable		Washable		Washable		Washable		Washable	
Filter Size (")	14x25x1		14x25x1		16x25x1		16x25x1		16x25x1		16x25x1 (2)		16x25x1 (2)	
Min. Cool Cap. (Tons)	1.5		1.5		3		1.5		3		3		3	
Max. Cool Cap. (Tons)	3		3		4		3.5		5		5		5	

Specifications								
	MDF050N3A		MDF075N3A		MDF100N3A		MDF125N5A	
General								
Input (Btuh)	50,000		75,000		100,000		125,000	
Output (Btuh)	40,000		61,000		81,000		102,000	
Temp. Rise (°F)	30-60		40-70		40-70		45-75	
Electrical (Volts/Hz/FLA)	115/60/5.3		115/60/5.3		115/60/7.5		115/60/12.0	
Gas & Ignition								
Gas Type	Nat	LP	Nat	LP	Nat	LP	Nat	LP
Std. Main Orifices (No/Size)	2/#42	2/#54	3/#42	3/#54	4/#42	4/#54	5/#42	5/#54
Limits & Controls								
Thermal Sensor (°F)	300		300		300		300	
Limit Control Setting (°F)	See Parts List		See Parts List		See Parts List		See Parts List	
Auxiliary Limit (°F)	110		110		110		110	
Std. Pressure Sw. (Part No)	1010897		1010896		1010898		1010898	
Press (Close)	-0.50		-0.60		-0.75		-0.75	
Press (Open)	-0.40		-0.50		-0.65		-0.65	
High Alt. Restrictor (Part No)	734020026		734020027		734020027		734020028	
Blower Data								
Type & Size	10-8		10-8		11-10		11-10	
Motor Amps/Rpm	6.5/1050		6.5/1050		8/1050		11.9/900	
Motor Type/H.p.	PSC ¹ / ₃		PSC ¹ / ₃		PSC ¹ / ₂		PSC ³ / ₄	
Cap. Mfd/Volts	5/370		5/370		5/370		5/370	
Filter Type	Washable		Washable		Washable		Washable	
Filter Size (")	16x18x1 (2)		16x18x1 (2)		16x18x1 (2)		16x18x1 (2)	
Min. Cool Cap. (Tons)	1.5		1.5		2		3	
Max. Cool Cap. (Tons)	3		3		3.5		5	

CIRCULATION AIR BLOWER DATA

MUH050N3A & MUH075N3A

External Static Pressure Inches of W.C.	Air Delivery in Cubic Feet per Minute (C.F.M.) (Furnace Rated @0.5" WC ESP)					
	TAP	LOW	MED L	MED	MED H	HIGH
	.10	675	859	--	1015	1306
	.20	662	846	--	999	1268
	.30	651	819	--	977	1324
	.40	636	795	--	952	1193
	.50	608	765	--	914	1133
	.60	564	735	--	870	1056
	.70	514	685	--	818	980

External Static Pressure Inches of W.C.	Air Delivery in Liters Per Second (L/S) (Furnace Rated @0.5" WC ESP)					
	TAP	LOW	MED L	MED	MED H	HIGH
	.10	318	405	--	479	616
	.20	312	399	--	472	598
	.30	307	387	--	461	625
	.40	300	375	--	449	563
	.50	287	361	--	431	535
	.60	266	347	--	411	498
	.70	243	323	--	386	463

MUH075N4A

External Static Pressure Inches of W.C.	Air Delivery in Cubic Feet per Minute (C.F.M.) (Furnace Rated @0.5" WC ESP)					
	TAP	LOW	MED L	MED	MED H	HIGH
	.10	1503	1722	--	--	1887
	.20	1460	1660	--	--	1810
	.30	1420	1608	--	--	1752
	.40	1370	1540	--	--	1670
	.50	1318	1484	--	--	1599
	.60	1250	1400	--	--	1520
	.70	1182	1322	--	--	1425

External Static Pressure Inches of W.C.	Air Delivery in Liters Per Second (L/S) (Furnace Rated @0.5" WC ESP)					
	TAP	LOW	MED L	MED	MED H	HIGH
	.10	709	812	--	--	891
	.20	689	784	--	--	854
	.30	670	759	--	--	827
	.40	647	727	--	--	788
	.50	622	700	--	--	755
	.60	590	661	--	--	717
	.70	558	624	--	--	673

MUH100N3A

External Static Pressure Inches of W.C.	Air Delivery in Cubic Feet per Minute (C.F.M.) (Furnace Rated @0.5" WC ESP)					
	TAP	LOW	MED L	MED	MED H	HIGH
	.10	815	1043	--	1324	1649
	.20	783	1030	--	1302	1616
	.30	755	1021	--	1280	1592
	.40	735	989	--	1255	1546
	.50	704	968	--	1218	1502
	.60	668	941	--	1171	1425
	.70	646	881	--	1100	1353

External Static Pressure Inches of W.C.	Air Delivery in Liters Per Second (L/S) (Furnace Rated @0.5" WC ESP)					
	TAP	LOW	MED L	MED	MED H	HIGH
	.10	385	492	--	625	778
	.20	370	486	--	615	763
	.30	356	482	--	604	751
	.40	347	467	--	592	730
	.50	332	457	--	575	709
	.60	315	444	--	553	673
	.70	305	415	--	519	639

MUH100N5A

External Static Pressure Inches of W.C.	Air Delivery in Cubic Feet per Minute (C.F.M.) (Furnace Rated @0.5" WC ESP)					
	TAP	LOW	MED L	MED	MED H	HIGH
	.10	1210	1441	--	1773	2104
	.20	1201	1430	--	1740	2078
	.30	1197	1453	--	1740	2061
	.40	1191	1441	--	1718	2020
	.50	1167	1425	--	1707	2005
	.60	1160	1390	--	1676	1953
	.70	1130	1365	--	1654	1917

External Static Pressure Inches of W.C.	Air Delivery in Liters Per Second (L/S) (Furnace Rated @0.5" WC ESP)					
	TAP	LOW	MED L	MED	MED H	HIGH
	.10	571	680	--	837	993
	.20	567	675	--	821	981
	.30	565	686	--	821	973
	.40	562	680	--	811	953
	.50	552	673	--	806	946
	.60	548	656	--	791	922
	.70	533	644	--	781	905

MUH125N5A

External Static Pressure Inches of W.C.	Air Delivery in Cubic Feet per Minute (C.F.M.) (Furnace Rated @0.5" WC ESP)					
	TAP	LOW	MED L	MED	MED H	HIGH
	.10	1264	1520	--	1841	2161
	.20	1251	1506	--	1803	2132
	.30	1249	1486	--	1772	2079
	.40	1219	1456	--	1736	2042
	.50	1168	1427	--	1702	1991
	.60	1178	1415	--	1672	1914
	.70	1143	1358	--	1614	1838

External Static Pressure Inches of W.C.	Air Delivery in Liters Per Second (L/S) (Furnace Rated @0.5" WC ESP)					
	TAP	LOW	MED L	MED	MED H	HIGH
	.10	597	717	--	869	1020
	.20	590	711	--	851	1006
	.30	590	701	--	836	981
	.40	575	687	--	819	964
	.50	551	674	--	803	940
	.60	556	668	--	789	903
	.70	540	641	--	762	868

MUH150N5A

External Static Pressure Inches of W.C.	Air Delivery in Cubic Feet per Minute (C.F.M.) (Furnace Rated @0.5" WC ESP)					
	TAP	LOW	MED L	MED	MED H	HIGH
	.10	1357	1542	--	1709	2073
	.20	1325	1525	--	1750	2040
	.30	1290	1503	--	1761	2014
	.40	1270	1480	--	1740	1975
	.50	1243	1464	--	1710	1953
	.60	1225	1430	--	1650	1885
	.70	1195	1401	--	1602	1827

External Static Pressure Inches of W.C.	Air Delivery in Liters Per Second (L/S) (Furnace Rated @0.5" WC ESP)					
	TAP	LOW	MED L	MED	MED H	HIGH
	.10	641	728	--	807	978
	.20	625	720	--	826	963
	.30	609	709	--	831	951
	.40	600	699	--	821	932
	.50	587	691	--	807	922
	.60	578	675	--	779	890
	.70	564	661	--	756	862

MDF050N3A & MDF075N3A

External Static Pressure Inches of W.C.	Air Delivery in Cubic Feet per Minute (C.F.M.) (Furnace Rated @0.5" WC ESP)					
	TAP	LOW	MED L	MED	MED H	HIGH
	.10	675	859	--	1015	1394
	.20	662	846	--	999	1342
	.30	651	819	--	977	1289
	.40	636	795	--	952	1227
	.50	608	765	--	914	1163
	.60	564	735	--	870	1086
	.70	514	685	--	818	1002

External Static Pressure Inches of W.C.	Air Delivery in Liters Per Second (L/S) (Furnace Rated @0.5" WC ESP)					
	TAP	LOW	MED L	MED	MED H	HIGH
	.10	318	405	--	479	658
	.20	312	399	--	472	633
	.30	307	387	--	461	608
	.40	300	375	--	449	579
	.50	287	361	--	431	549
	.60	266	347	--	411	513
	.70	243	323	--	386	473

MDF050N3A, MDF075N3A, MUH050N3A & MUH075N3A

External Static Pressure Inches of W.C.	Air Delivery in Cubic Feet per Minute (C.F.M.) (Furnace Rated @0.5" WC ESP)					
	TAP	LOW	MED L	MED	MED H	HIGH
	.10	778	984	--	1263	1576
	.20	786	1003	--	1249	1532
	.30	790	1003	--	1244	1489
	.40	788	1001	--	1215	1432
	.50	781	982	--	1186	1371
	.60	765	962	--	1146	1308
	.70	743	923	--	1094	1229

External Static Pressure Inches of W.C.	Air Delivery in Liters Per Second (L/S) (Furnace Rated @0.5" WC ESP)					
	TAP	LOW	MED L	MED	MED H	HIGH
	.10	367	464	--	596	744
	.20	371	473	--	589	723
	.30	373	473	--	587	703
	.40	372	472	--	573	676
	.50	369	463	--	560	647
	.60	361	454	--	541	617
	.70	351	436	--	516	580

MDF125N5A

External Static Pressure Inches of W.C.	Air Delivery in Cubic Feet per Minute (C.F.M.) (Furnace Rated @0.5" WC ESP)					
	TAP	LOW	MED L	MED	MED H	HIGH
	.10	1333	1573	--	1840	2148
	.20	1294	1544	--	1816	2093
	.30	1266	1500	--	1776	2041
	.40	1240	1467	--	1726	1981
	.50	1175	1419	--	1665	1906
	.60	1141	1357	--	1607	1828
	.70	1054	1308	--	1538	1751

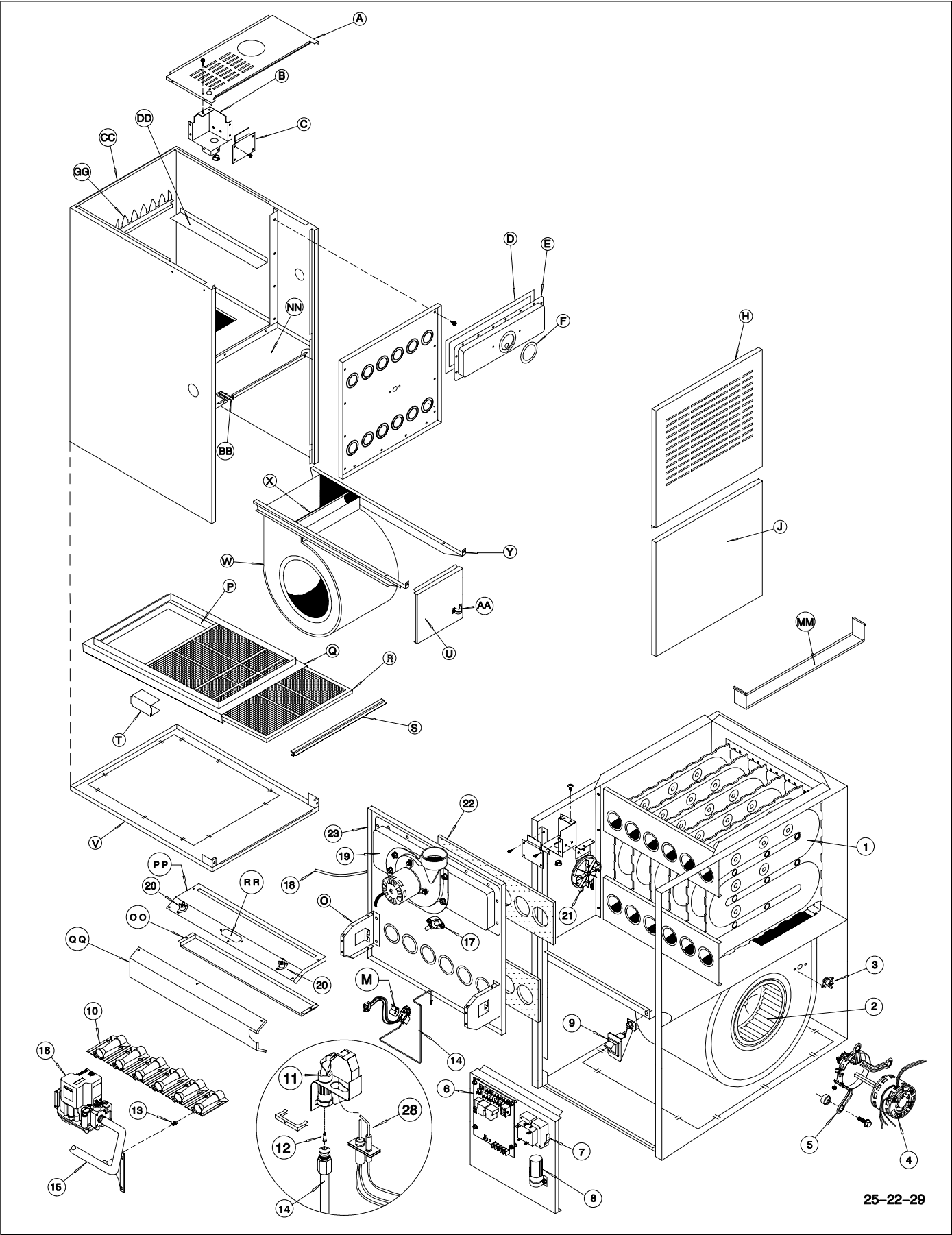
External Static Pressure Inches of W.C.	Air Delivery in Liters Per Second (L/S) (Furnace Rated @0.5" WC ESP)					
	TAP	LOW	MED L	MED	MED H	HIGH
	.10	629	742	--	868	1014
	.20	611	729	--	857	988
	.30	598	708	--	838	963
	.40	585	692	--	815	935
	.50	555	670	--	786	900
	.60	539	641	--	759	863
	.70	497	617	--	726	826

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SEE TABLE IN MANUAL FOR C.F.M. VS. E.S.P. TO DETERMINE PROPER HEATING AND COOLING SPEED CONNECTIONS.

2. MUH



25-22-29

Replacement Parts - MUH (Natural Gas)

Models - MUH050N3A, MUH075N3A, MUH075N3A1, MUH100N3A, MUH100N5A, MUH125N5A & MUH150N5A

Replacement part supplied will be current active part. For parts not listed, consult place of purchase.

Key No.	Functional Description	Part Number	MUH									
			050 N3A1	075 N3A1	075 N3A2	075 N4A1	075 N4A2	100 N3A1	100 N5A1	125 N5A1	125 N5A2	150 N5A1
1	Heat Exchanger	1011544	1	-	-	-	-	-	-	-	-	-
		1011358	-	1	-	1	-	-	-	-	-	-
		1011364	-	-	-	-	-	1	-	-	-	-
		1011363	-	-	-	-	-	-	1	-	-	-
		1011365	-	-	-	-	-	-	-	1	-	-
		1011366	-	-	1	-	-	-	-	-	-	1
		1012406	-	-	-	-	1	-	-	-	-	-
		1012407	-	-	-	-	-	-	-	-	-	-
		1012408	-	-	-	-	-	-	-	-	1	-
2	Blower Wheel	601210	-	-	-	1	1	1	-	-	-	-
		600587	1	1	1	-	-	-	-	-	-	-
		1011420	-	-	-	-	-	-	1	1	1	-
		1011433	-	-	-	-	-	-	-	-	-	1
3	Switch, Auxiliary Limit	1000735	2	2	2	2	2	2	2	2	2	2
4	Blower Motor	1012514	1	1	1	-	-	-	-	-	-	-
		1012119	-	-	-	1	1	-	-	-	-	-
		1012513	-	-	-	-	-	1	-	-	-	-
		1011404	-	-	-	-	-	-	1	1	1	1
5	Motor Mount Kit	609227	1	1	1	1	1	1	-	-	-	-
		522020024	-	-	-	-	-	-	1	1	1	-
		1002804	-	-	-	-	-	-	-	-	-	1
6	Control, Fan Timer	1011927	1	1	1	1	1	1	1	1	1	1
7	Transformer, 40VA	1011626	1	1	1	1	1	1	1	1	1	1
8	Capacitor 10mf 370V 5mf 370V 7.5mf 370V	1094956	-	-	-	1	1	-	1	1	1	1
		1094954	1	1	1	-	-	-	-	-	-	-
		1094239	-	-	-	-	-	1	-	-	-	-
9	Switch Door	1010886	1	1	1	1	1	1	1	1	1	1
10	Burner Assembly	1008723	1	-	-	-	-	-	-	-	-	-
		1008724	-	1	1	1	1	-	-	-	-	-
		1008725	-	-	-	-	-	1	1	-	-	-
		1008726	-	-	-	-	-	-	-	1	1	-
		1009179	-	-	-	-	-	-	-	-	-	1
11	Pilot, Natural & LP	1008731	1	1	1	1	1	1	1	1	1	1
12	Pilot Orifice, NAT (.018) Pilot Orifice, LP (.011)	503211	1	1	1	1	1	1	1	1	1	1
		1009136	1	1	1	1	1	1	1	1	1	1
13	Orifice, #42 NAT Orifice, #54 LP	1011351	2	3	3	3	3	4	4	5	5	6
		1011376	2	3	3	3	3	4	4	5	5	6
14	Tube, Pilot	64930	1	1	1	1	1	1	1	1	1	1
15	Manifold	1011458	1	-	-	-	-	-	-	-	-	-
		1011459	-	1	1	1	1	-	-	-	-	-
		1011460	-	-	-	-	-	1	1	-	-	-
		1011461	-	-	-	-	-	-	-	1	1	-
		1011462	-	-	-	-	-	-	-	-	-	1
16	Valve, Natural & LP	1011421	1	1	1	1	1	1	1	1	1	1
17	Switch, Limit 270°F 300°F 200°F 145°F 130°F 150°F 250°F 190°F	1320365	1	-	-	-	-	1	-	-	-	-
		34333002	-	1	-	-	-	-	-	-	-	-
		1008418	-	-	-	1	-	-	-	-	-	-
		1320363	-	-	-	-	-	-	-	-	-	-
		1320364	-	-	-	-	-	-	1	-	-	-
		1320362	-	-	-	-	-	-	-	1	-	1
		1009169	-	-	1	-	1	-	-	-	-	-
		1008445	-	-	-	-	-	-	-	-	1	-
18	Tubing, Silicone 24"	1149483	1	1	1	1	1	1	1	1	1	1
19	Combustion Blwr Assembly	1010975	1	1	1	1	1	1	1	1	1	1
20	Rollout Switch, Limit	1005549	2	2	2	2	2	2	2	2	2	2
21	Switch, Pressure	1010898	1	1	1	1	1	1	1	1	1	1
22	Heat Exchanger Gaskets	2480904	2	-	-	-	-	-	-	-	-	-
		2480905	-	2	2	2	2	-	-	-	-	-
		2480906	-	-	-	-	-	2	2	-	-	-
		2480907	-	-	-	-	-	-	-	2	2	-
		2480908	-	-	-	-	-	-	-	-	-	2

Replacement Parts - MUH (Natural Gas)

Models - MUH050N3A, MUH075N3A, MUH075N3A1, MUH100N3A, MUH100N5A, MUH125N5A & MUH150N5A

Replacement part supplied will be current active part. For parts not listed, consult place of purchase.

Key No.	Functional Description	Part Number	MUH									
			050 N3A1	075 N3A1	075 N3A2	075 N4A1	075 N4A2	100 N3A1	100 N5A1	125 N5A1	125 N5A2	150 N5A1
23	Heat Exchanger Frt Partition	1008068	1	-	-	-	-	-	-	-	-	-
		1008069	-	1	-	-	-	-	-	-	-	-
		1008070	-	-	-	1	-	-	-	-	-	-
		1008072	-	-	-	-	-	1	-	-	-	-
		1008071	-	-	-	-	-	-	1	-	-	-
		1008073	-	-	-	-	-	-	-	1	-	-
		1008074	-	-	-	-	-	-	-	-	-	1
		1012409	-	-	1	-	-	-	-	-	-	-
		1012410	-	-	-	-	1	-	-	-	-	-
		1012411	-	-	-	-	-	-	-	-	1	-
28	Ignitor/Sensor with clip	1009524	1	1	1	1	1	1	1	1	1	1

Key No.	Non-Functional Description	Part Number	MUH									
			050 N3A1	075 N3A1	075 N3A2	075 N4A1	075 N4A2	100 N3A1	100 N5A1	125 N5A1	125 N5A2	150N5A 1
A	Top	1011534	1	1	1	-	-	-	-	-	-	-
		1011535	-	-	-	1	1	-	-	-	-	-
		1011536	-	-	-	-	-	1	-	-	-	-
		1011537	-	-	-	-	-	-	1	1	1	1
B	Field Connect Box	1011941	1	1	1	1	1	1	1	1	1	1
C	Cover, Field Connect	1010360	1	1	1	1	1	1	1	1	1	1
D	Gasket, Collector	1093661	1	1	1	1	1	-	-	-	-	-
		1093662	-	-	-	-	-	1	1	-	-	-
		1093663	-	-	-	-	-	-	-	1	1	1
E	Collector	1011045	1	-	-	-	-	-	-	-	-	-
		1011048	-	1	1	1	1	-	-	-	-	-
		1011052	-	-	-	-	-	1	1	-	-	-
		1011055	-	-	-	-	-	-	-	1	1	-
		1011057	-	-	-	-	-	-	-	-	-	1
F	Gasket, Combustion Blower	1011379	1	1	1	1	1	1	1	1	1	1
H	Door, Louvered MUH only	1012058	1	1	1	-	-	-	-	-	-	-
		1012059	-	-	-	1	1	1	-	-	-	-
		1012060	-	-	-	-	-	-	1	1	1	1
J	Door, Blower	1012066	1	1	1	-	-	-	-	-	-	-
		1012061	-	-	-	1	1	1	-	-	-	-
		1012062	-	-	-	-	-	-	1	1	1	1
M	Bracket, Pilot	1010901	1	1	1	1	1	1	1	1	1	1
O	Manifold Support Bracket	1011450	2	2	2	2	2	2	2	2	2	2
P	Filter Rack Wrapper	741010042	1	1	1	-	-	-	-	-	-	-
		741010039	-	-	-	1	1	1	2	2	2	2
Q	Filter Rack Front	741020004	1	1	1	-	-	-	-	-	-	-
		741020001	-	-	-	1	1	1	2	2	2	2
R	Filter 14" x 25" x 1/2" 16" x 25" x 1/2"	1010364	1	1	1	-	-	-	-	-	-	-
		1010365	-	-	-	1	1	1	2	2	2	2
S	Filter Cover Plastic	2791042	1	1	1	-	-	-	-	-	-	-
		2791043	-	-	-	1	1	1	2	2	2	2
T	Clip, Filter	1008482	3	3	3	3	3	3	3	3	3	3
U	Fan Timer Bracket	1012183	1	1	1	1	1	1	1	1	1	1
V	Base	1010112	1	1	1	-	-	-	-	-	-	-
		1010113	-	-	-	1	1	1	-	-	-	-
		1010114	-	-	-	-	-	-	1	1	1	1
W	Blower Housing	1011680	1	1	1	-	-	-	-	-	-	-
		1011681	-	-	-	1	1	1	-	-	-	-
		1010481	-	-	-	-	-	-	1	1	1	-
		1011784	-	-	-	-	-	-	-	-	-	1
X	Blower Cutoff	721020008	-	-	-	1	1	1	1	1	1	-
		721020013	1	1	1	-	-	-	-	-	-	-
		721020015	-	-	-	-	-	-	-	-	-	1
Y	Blower Hanger	1010690	2	2	2	2	2	2	2	2	2	-
		1011921	-	-	-	-	-	-	-	-	-	2

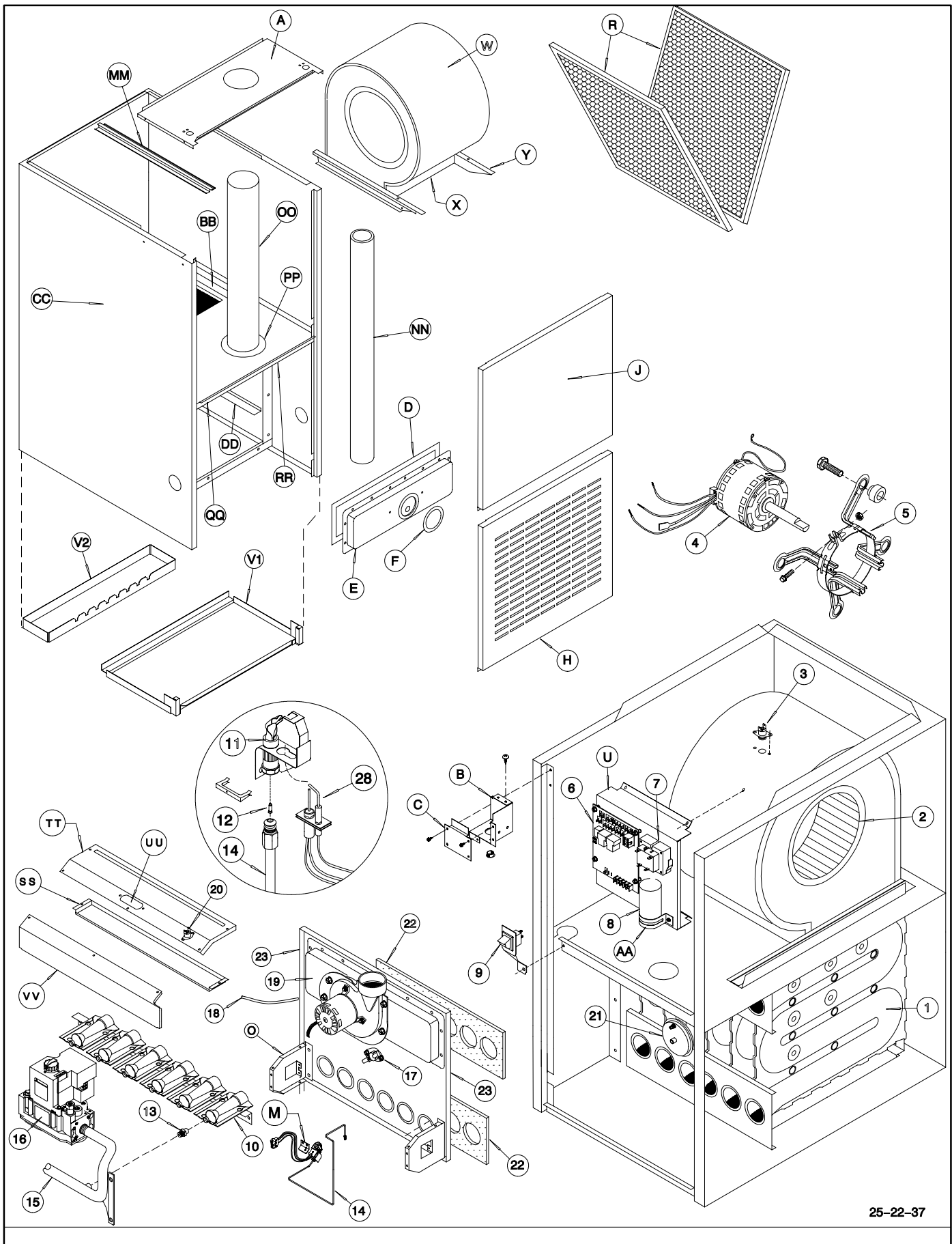
Replacement Parts - MUH (Natural Gas)

Models - MUH050N3A, MUH075N3A, MUH075N3A, MUH100N3A, MUH100N5A, MUH125N5A & MUH150N5A

Replacement part supplied will be current active part. For parts not listed, consult place of purchase.

Key No.	Non-Functional Description	Part Number	MUH									
			050 N3A1	075 N3A1	075 N3A2	075 N4A1	075 N4A2	100 N3A1	100 N5A1	125 N5A1	125 N5A2	150N5A 1
AA	Strap Capacitor	1095020	1	1	1	1	1	1	1	1	1	1
BB	Rail, Blower Slide	57059	2	2	2	2	2	2	2	2	2	2
CC	Casing, Wrapper	1010610	1	1	1	-	-	-	-	-	-	-
		1010611	-	-	-	1	1	1	-	-	-	-
		1010612	-	-	-	-	-	-	1	1	1	1
		1010612	-	-	-	-	-	-	-	-	-	-
DD	Baffle, Circulating Air	707010031	2	2	2	-	-	2	2	2	2	2
		1009880	-	-	-	2	2	-	-	-	-	-
GG	Heat Exchanger Support	1011026	1	-	-	-	-	-	-	-	-	-
		750010045	-	1	1	-	-	-	-	-	-	-
		750010046	-	-	-	1	1	-	-	1	1	-
		1010353	-	-	-	-	-	1	1	-	-	-
		750010047	-	-	-	-	-	-	-	-	-	1
MM	Baffle, Air Heat Exch.	738010022	-	-	-	-	-	-	-	-	-	3
NN	Partition, Blower	1010810	1	1	1	-	-	-	-	-	-	-
		1010811	-	-	-	1	1	1	-	-	-	-
		1011075	-	-	-	-	-	-	1	1	1	-
		1010812	-	-	-	-	-	-	-	-	-	1
OO	Baffle, Burner Box	1011454	1	1	1	1	1	-	-	-	-	-
		1011455	-	-	-	-	-	1	1	-	-	-
		1011456	-	-	-	-	-	-	-	1	1	-
		1011457	-	-	-	-	-	-	-	-	-	1
PP	Top, Burner Box	1011768	1	1	1	1	1	-	-	-	-	-
		1011769	-	-	-	-	-	1	1	-	-	-
		1011770	-	-	-	-	-	-	-	1	1	-
		1011771	-	-	-	-	-	-	-	-	-	1
QQ	Cover, Burner Box	1011469	1	1	1	1	1	-	-	-	-	-
		1011470	-	-	-	-	-	1	1	-	-	-
		1011471	-	-	-	-	-	-	-	1	1	-
		1011472	-	-	-	-	-	-	-	-	-	1
RR	Sightglass	1011781	1	1	1	1	1	1	1	1	1	1
) (	PART NOT ILLUSTRATED											
) (	Wire Harness Asy. Low Volt	1011861	1	1	1	1	1	1	1	1	1	1
) (	Fuse 5-Amp	1083348	1	1	1	1	1	1	1	1	1	1
) (	Manual, Homeowners	44102300100	1	1	1	1	1	1	1	1	1	1
) (	Manual, Installation	44101320601	1	1	1	1	1	1	1	1	1	1
) (	Manual, Tech Support	44103320602	1	1	1	1	1	1	1	1	1	1

3. MDF



25-22-37

Replacement Parts - MDF

Models – MDF050N3A, MDF075N3A, MDF100N3A, MDF125N5A

Replacement part supplied will be current active part. For parts not listed, consult place of purchase.

Key No.	Description Functional	Part Number	MDF					
			050N3A2	075N3A2	075N3A3	100N3A2	125N5A2	125N5A3
1	Heat Exch Assembly	1011544	1	-	-	-	-	-
		1011358	-	1	-	-	-	-
		1011364	-	-	-	1	-	-
		1011365	-	-	-	-	1	-
		1012406	-	-	1	-	-	-
		1012408	-	-	-	-	-	1
2	Blower Wheel	601210	-	-	-	1	-	-
		600587	1	1	1	-	-	-
		1011420	-	-	-	-	1	1
3	Switch, Limit (Auxiliary)	1320368	1	1	1	1	1	1
4	Blower Motor	1012514	1	1	1	-	-	-
		1012513	-	-	-	1	-	-
		1011404	-	-	-	-	1	1
5	Motor Mount Kit	609227	1	1	1	1	-	-
		522020024	-	-	-	-	1	1
6	Control, Fan Timer	1011927	1	1	1	1	1	1
7	Transformer, 40VA	1011626	1	1	1	1	1	1
8	Capacitor 10mf 370V 7.5mf 370V 5mf 370V	1094956	-	-	-	-	1	1
		1094239	-	-	-	1	-	-
		1094954	1	1	1	-	-	-
9	Switch Door	1010886	1	1	1	1	1	1
10	Burner Assembly	1008723	1	-	-	-	-	-
		1008724	-	1	1	-	-	-
		1008725	-	-	-	1	-	-
		1008726	-	-	-	-	1	1
		1008731	1	1	1	1	1	1
11	Pilot, Natural & LP	1008731	1	1	1	1	1	1
12	Orifice, Pilot, Nat. (.018)	503211	1	1	1	1	1	1
	Orifice, Pilot, LP (.011) *	1009136	1	1	1	1	1	1
13	Orifice, #42, Nat. Orifice, #54, LP *	1011351	2	3	3	4	5	5
		1011356	2	3	3	4	5	5
14	Tube, Pilot	64930	1	1	1	1	1	1
15	Manifold	1011458	1	-	-	-	-	-
		1011459	-	1	1	-	-	-
		1011460	-	-	-	1	-	-
		1011461	-	-	-	-	1	1
		1011421	1	1	1	1	1	1
16	Valve, Natural + LP	1011421	1	1	1	1	1	1
17	Switch, Limit 240°F 210°F 260°F 195°F 160°F 220°F 150°F	34335002	-	1	-	-	-	-
		34335001	1	-	-	-	-	-
		1320366	-	-	-	1	-	-
		1320363	-	-	-	-	-	-
		34335000	-	-	-	-	1	-
		1320367	-	-	1	-	-	-
		1065638	-	-	-	-	-	1
		1149483	1	1	1	1	1	1
18	Tubing, Silicone, (24")	1149483	1	1	1	1	1	1
19	Combustion Blwr Assb.	1010975	1	1	1	1	1	1
20	Rollout Switch, Limit	1005549	1	1	1	1	1	1
21	Switch, Pressure	1010898	1	1	1	1	1	1
22	Gasket, Heat Exchanger	2480904	2	-	-	-	-	-
		2480905	-	2	2	-	-	-
		2480906	-	-	-	2	-	-
		2480907	-	-	-	-	2	2
		1008069	-	1	-	-	-	-
23	Partition, Frnt Ht Exch	1008068	1	-	-	-	-	-
		1008072	-	-	-	1	-	-
		1008073	-	-	-	-	1	-
		1008070	-	-	-	-	-	-
		1012409	-	-	1	-	-	-
		1012411	-	-	-	-	-	1
		1011865	1	1	1	1	1	1
		1011865	1	1	1	1	1	1
28	Ignitor/Sensor with clip	1011865	1	1	1	1	1	1
)	PART NOT ILLUSTRATED							
)	Wire Harness Asy.	1012203	1	1	1	1	1	1
)	Manual, Homeowners	44102300100	1	1	1	1	1	1
)	Manual, Installation	44101320601	1	1	1	1	1	1
)	Manual, Tech Support	44103320601	1	1	1	1	1	1
)	Manual, Vent Inst	1007374	1	1	1	1	1	1

* Parts for models converted to LP Gas using the appropriate LP Kit.

Replacement Parts - MDF

Models - MDF075N3A, MDF125N5A

Replacement part supplied will be current active part. For parts not listed, consult place of purchase.

Key No.	Description Non-Functional	Part Number	MDF					
			050N3A2	075N3A2	075N3A3	100N3A2	125N5A2	125N5A3
A	Top	1010604	1	1	1	-	-	-
		1010605	-	-	-	1	-	-
		1010606	-	-	-	-	1	1
		1011176	-	-	-	-	-	-
B	Field Connect Box	1011941	1	1	1	1	1	1
C	Cover, Field Connect	1010360	1	1	1	1	1	1
D	Gasket, Collector	1093661	1	1	1	-	-	-
		1093662	-	-	-	1	-	-
		1093663	-	-	-	-	1	1
E	Collector	1011045	1	-	-	-	-	-
		1011048	-	1	1	-	-	-
		1011052	-	-	-	1	-	-
		1011055	-	-	-	-	1	1
F	Gasket, Combustion Blwr	1011379	1	1	1	1	1	1
H	Door, Louvered	1012049	1	1	1	-	-	-
		1012050	-	-	-	1	-	-
		1012051	-	-	-	-	1	1
J	Door, Blower	1012067	1	1	1	-	-	-
		1012068	-	-	-	1	-	-
		1012069	-	-	-	-	1	1
M	Bracket, Pilot	1010901	1	1	1	1	1	1
O	Manifold Support Bracket	1011450	2	2	2	2	2	2
R	Filter 18 ¹ / ₄ "X15 ³ / ₄ "X1"	1009750	2	2	2	2	2	2
U	Support, Control	1011178	1	1	1	1	1	1
V1	Base, Front	57080	1	1	1	-	-	-
		57090	-	-	-	1	-	-
		57100	-	-	-	-	1	1
V2	Base, Rear	57077	1	1	1	-	-	-
		57087	-	-	-	1	-	-
		57097	-	-	-	-	1	1
W	Blower Housing	1011783	-	-	-	-	1	1
		1010579	1	1	1	-	-	-
		1010580	-	-	-	1	-	-
X	Blower Cutoff	721020008	-	-	-	1	1	1
		721020013	1	1	1	-	-	-
		721020002	-	-	-	-	-	-
Y	Blower Hanger	33406000	2	2	2	2	2	2
AA	Clamp, Capacitor	33403100	1	1	1	1	1	1
BB	Rail, Blower Slide	33406100	2	2	2	2	2	2
CC	Casing, Wrapper	1010616	1	1	1	-	-	-
		1010617	-	-	-	1	-	-
		1010618	-	-	-	-	1	1
DD	Baffle, Circulating Air	707010031	2	2	2	2	2	2
MM	Filter Holder	33411100	1	1	1	1	1	1
NN	Flue Pipe	613193	1	1	1	1	1	1
OO	Vent Pipe Shield	2311160	1	1	1	1	1	1
PP	Vent Shield Endplate	57083	2	2	2	2	2	2
RR	Partition, Blower	1011791	1	1	1	-	-	-
		1011785	-	-	-	1	-	-
		1011786	-	-	-	-	1	1
QQ	Plate, Fill-in	1011071	1	1	1	-	-	-
		1011072	-	-	-	1	-	-
		1011073	-	-	-	-	1	1
SS	Baffle, Burner Box	1011454	1	1	1	-	-	-
		1011455	-	-	-	1	-	-
		1011456	-	-	-	-	1	1
TT	Top, Burner Box	1011772	1	1	1	-	-	-
		1011773	-	-	-	1	-	-
		1011774	-	-	-	-	1	1
UU	Sightglass	1011781	1	1	1	1	1	1
VV	Cover, Burner Box	1011469	1	1	1	-	-	-
		1011470	-	-	-	1	-	-
		1011471	-	-	-	-	1	1