

Technical Support Manual

Four Position Furnace

Models

Single Pipe

N9MP1050B12A
N9MP1075B12A
N9MP1100F14A
N9MP1100J20A
N9MP1125J20A

or

Two Pipe

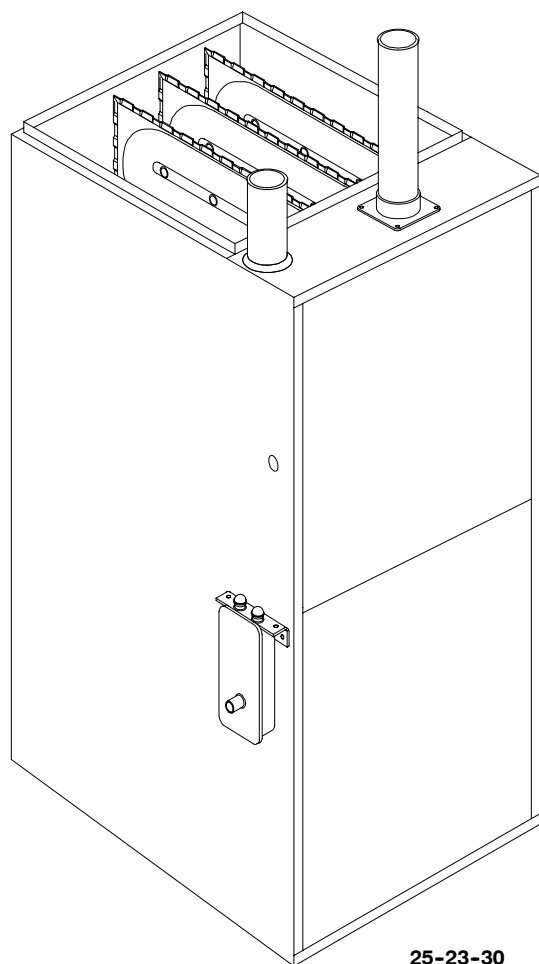
N9MP2050B12A
N9MP2075B12A
N9MP2100F14A
N9MP2100J20A
N9MP2125J20A

or

Dual Certified

*9MPD050F12A
*9MPD075F12A
*9MPD100J14A
*9MPD100J20A
*9MPD125L20A

*Denotes Brand



25-23-30

Manufactured by:

International Comfort Products Corporation (USA)
Lewisburg, TN USA 37091

Save This Manual For Future Reference

N9MP1 - Indoor combustion air (1 pipe only)
N9MP2 - Direct Vent ONLY (2 pipe only)
***9MPD - Dual Certified Venting (1 or 2 pipes)**

***Denotes Brand (T, H or C)**

MODEL NUMBER IDENTIFICATION GUIDE									
*9 MP 1 075 F 12 A 1 Brand Identifier T = Tempstar C = Comfortmaker/Keeprite H = Heil/Arcoaire N = Non-Brand Specific (Generic) Efficiency Identifier 8 = Non-Condensing, 80+% Gas Furnace 9 = Condensing, 90+% Gas Furnace Installation Configuration UP = Upflow DN = Downflow UH = Upflow/Horizontal HZ = Horizontal DH = Downflow/Horizontal MP = Multiposition, Up/Down/Horizontal Major Design Feature 1 = One (Single) Pipe N = Single Stage 2 = Two Pipe P = PVC Vent D = 1 or 2 Pipe T = Two Stage L = Low NOx V = Variable Speed	Engineering Rev. Denotes minor changes Marketing Digit Denotes minor change Cooling Airflow 08 = 800 CFM 12 = 1200 CFM 14 = 1400 CFM 16 = 1600 CFM 20 = 2000 CFM Cabinet Width B = 15.5" Wide F = 19.1" Wide J = 22.8" Wide L = 24.5" Wide		Input (Nominal MBTUH)						

Manufacturers Number (Mfr No -See Rating Plate) ALL Models		
Specifications		
General		
Gas Type	Nat	LP
Transformer Size (VA)	40	40
T'stat Heat Anticipator	.10	.10
Gas & Ignition		
Gas Valve	HW SV9541M	HW SV9541M
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
Fan Controls		
Fan Control (Type)	HW ST9160	HW ST9160
Fan Control On	30	30
(Timed-secs) Off	60,100,140,180	60,100,140,180
Gas Conversion Kits All Models		
Nat to LP NAHF002LP *1009509		
LP to Nat NAHF002NG *1009510		
*Order from Service Parts		

Specifications										
	*9MP1050B12A *9MP2050B12A		*9MP1075B12A *9MP2075B12A		*9MP1100F14A *9MP2100F14A		*9MP1100J20A *9MP2100J20A		*9MP1125J20A *9MP2125J20A	
General										
Input (Btuh)	50,000		75,000		100,000		100,000		125,000	
Output (Btuh)	45,500		68,000		91,000		96,500		113,750	
Temp. Rise (° F)	35-65		40-70		40-70		40-70		40-70	
Electrical (Volts/Hz/FLA)	115/60/9.8		115/60/8.9		115/60/9.0		115/60/10.5		115/60/11.2	
Gas & Ignition										
Gas Type	Nat.	L.P.	Nat.	L.P.	Nat.	L.P.	Nat.	L.P.	Nat.	L.P.
Std. Main Orifices (No/Size)	2/42	2/54	3/42	3/54	4/42	4/54	4/42	4/54	5/42	5/54
Combustion										
Flue Outlet Size (Inches)	2		2		3		3		3	
Std. Outlet Temp (° F)	<140		<140		<140		<140		<140	
@ Blower / @ Transition Box										
Std. Pressures (" of WC)										
5' No Elbows	-1.80 / -2.60		-1.80 / -2.60		-1.80 / -2.60		-1.80 / -2.60		-1.80 / -2.60	
40' +5-90° DWV Elbows	-1.30 / -2.30		-1.30 / -2.30		-1.70 / -2.50		-1.70 / -2.50		-1.70 / -2.50	
Limits & Controls										
Rollout Switch (° F)	300		300		300		300		300	
Limit Control Setting (° F)	240		210		230		220		190	
Std. Transition Pressure Sw. (Part No)	1013518		1013518		1013518		1013518		1013166	
Blower Switch Pressure (Close)	0.95		0.95		0.95		0.95		1.30	
Blower Switch Pressure (Open)	0.80		0.80		0.80		0.80		1.10	
Transition Switch Pressure (Close)	2.00		2.00		2.00		2.00		1.80	
Transition Switch Pressure (Open)	1.80		1.80		1.80		1.80		1.60	
High Altitude Pressure Sw. (Part No)	1013165		1013165		1013165		1013165		1013157	
Blower Switch Pressure (Close)	0.70		0.70		0.70		0.70		0.85	
Blower Switch Pressure (Open)	0.55		0.55		0.55		0.55		0.70	
Transition Switch Pressure (Close)	1.40		1.40		1.40		1.40		1.70	
Transition Switch Pressure (Open)	1.20		1.20		1.20		1.20		1.50	
Blower Data										
Type & Size	11-8		11-8		11-10		11-10		11-10	
Motor Amps/Rpm	10/850		8.0/1050		10/1050		13/900		13/900	
Motor Type/H.p.	PSC ¹ / ₂		PSC ¹ / ₂		PSC ¹ / ₂		PSC ³ / ₄		PSC ³ / ₄	
Cap. Mfd/Volts	7.5/370		7.5/370		10/370		40/370		40/370	
Filter Type	16x25x1		16x25x1		16x25x1		16x25x1		16x25x1	
Cool Cap. (Tons) @ .5" W.C. L, ML, MHi & Hi	1 ¹ / ₂ ,2,2 ¹ / ₂ ,3		1 ¹ / ₂ ,2,2 ¹ / ₂ ,3		1 ¹ / ₂ ,2,3,3 ¹ / ₂		3 ¹ / ₂ ,4,4 ¹ / ₂ ,5		3 ¹ / ₂ ,4,4 ¹ / ₂ ,5	

Manufacturers Number (Mfr No -See Rating Plate) ALL Models		
Specifications		
General		
Gas Type	Nat	LP
Transformer Size (VA)	40	40
T'stat Heat Anticipator	.10	.10
Gas & Ignition		
Gas Valve	HW SV9541M	HW SV9541M
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
Fan Controls		
Fan Control (Type)	HW ST9160	HW ST9160
Fan Control On	30	30
(Timed-secs) Off	60,100,140,180	60,100,140,180
Gas Conversion Kits All Models		
Nat to LP	NAHF002LP	*1009509
LP to Nat	NAHF002NG	*1009510
*Order from Service Parts		

Specifications										
	*9MPD050F12A		*9MPD075F12A		*9MPD100J14A		*9MPD100J20A		*9MPD125L20A	
General										
Input (Btuh)	50,000		75,000		100,000		100,000		125,000	
Output (Btuh)	46,000		69,000		92,000		92,000		115,000	
Temp. Rise (° F)	35-65		40-70		40-70		40-70		40-70	
Electrical (Volts/Hz/FLA)	115/60/9.8		115/60/8.9		115/60/9.0		115/60/10.5		115/60/11.2	
Gas & Ignition										
Gas Type	Nat.	L.P.	Nat.	L.P.	Nat.	L.P.	Nat.	L.P.	Nat.	L.P.
Std. Main Orifices (No/Size)	2/42	2/54	3/42	3/54	4/42	4/54	4/42	4/54	5/42	5/54
Combustion										
Flue Outlet Size (Inches)	2		2		3		3		3	
Std. Outlet Temp (° F)	<140		<140		<140		<140		<140	
@ Blower / @ Transition Box										
Std. Pressures (" of WC)										
5' No Elbows	-1.80 / -2.60		-1.80 / -2.60		-1.80 / -2.60		-1.80 / -2.60		-1.80 / -2.60	
40' +5-90° DWV Elbows	-1.30 / -2.30		-1.30 / -2.30		-1.70 / -2.50		-1.70 / -2.50		-1.70 / -2.50	
Limits & Controls										
Rollout Switch (° F)	300		300		300		300		300	
Limit Control Setting (° F)	260		240		220		220		190	
Std. Transition Pressure Sw. (Part No)	1013515		1013515		1013515		1013515		1013166	
Blower Switch Pressure (Close)	0.95		0.95		0.95		0.95		1.30	
Blower Switch Pressure (Open)	0.80		0.80		0.80		0.80		1.10	
Transition Switch Pressure (Close)	1.70		1.70		1.70		1.70		1.80	
Transition Switch Pressure (Open)	1.50		1.50		1.50		1.50		1.60	
High Altitude Pressure Sw. (Part No)	1013165		1013165		1013165		1013165		1013157	
Blower Switch Pressure (Close)	0.70		0.70		0.70		0.70		0.85	
Blower Switch Pressure (Open)	0.55		0.55		0.55		0.55		0.70	
Transition Switch Pressure (Close)	1.40		1.40		1.40		1.40		1.70	
Transition Switch Pressure (Open)	1.20		1.20		1.20		1.20		1.50	
Blower Data										
Type & Size	11-8		11-10		11-10		11-10		11-10	
Motor Amps/Rpm	10/850		8.0/1050		10/1050		13/900		13/900	
Motor Type/H.p.	PSC ¹ / ₂		PSC ¹ / ₂		PSC ¹ / ₂		PSC ³ / ₄		PSC ³ / ₄	
Cap. Mfd/Volts	7.5/370		7.5/370		10/370		40/370		40/370	
Filter Type	16x25x1		16x25x1		16x25x1		16x25x1		16x25x1	
Cool Cap. (Tons) @ .5" W.C. L, ML, MHi & Hi	1 ¹ / ₂ , 2, 2 ¹ / ₂ , 3		1 ¹ / ₂ , 2, 2 ¹ / ₂ , 3		1 ¹ / ₂ , 2, 3, 3 ¹ / ₂		3 ¹ / ₂ , 4, 4 ¹ / ₂ , 5		3 ¹ / ₂ , 4, 4 ¹ / ₂ , 5	

CIRCULATION AIR BLOWER DATA

For 050 Models 3 Ton Units

External Static Pressure Inches of W.C.	Speed Tap	Low	Med L	Med H	Hi
	0.1	826	1083	1301	1408
	0.2	804	1050	1242	1347
	0.3	770	1028	1195	1295
	0.4	735	985	1153	1237
	0.5	698	952	1093	1183
	0.6	657	909	1040	1118
	0.7	---	863	935	1053
	0.8	----	812	865	976
	0.9	---	---	802	887
	1.0	---	---	720	787

For 100 Models 5 Ton 22³/₄" Units

External Static Pressure Inches of W.C.	Speed Tap	Low	Med L	Med H	Hi
	0.1	1682	1870	2081	2263
	0.2	1654	1826	2031	2193
	0.3	1597	1775	1963	2165
	0.4	1547	1719	1899	2056
	0.5	1498	1653	1825	1978
	0.6	1428	1583	1737	1854
	0.7	1355	1503	1650	1757
	0.8	1267	1392	1548	1644
	0.9	---	1266	1428	1515
	1.0	---	---	---	1351

For 075 Models 3 Ton Units

External Static Pressure Inches of W.C.	Speed Tap	Low	Med L	Med H	Hi
	0.1	706	917	1163	1368
	0.2	677	875	1120	1319
	0.3	636	840	1076	1263
	0.4	595	812	1031	1202
	0.5	546	766	987	1148
	0.6	490	702	889	1077
	0.7	---	630	821	989
	0.8	---	550	750	914
	0.9	---	462	676	833
	1.0	---	---	601	747

For 125 Models 5 Ton Units

External Static Pressure Inches of W.C.	Speed Tap	Low	Med L	Med H	Hi
	0.1	1720	1910	2127	2315
	0.2	1686	1881	2087	2268
	0.3	1644	1833	2024	2201
	0.4	1600	1777	1961	2131
	0.5	1533	1720	1891	2029
	0.6	1494	1647	1804	1948
	0.7	1413	1571	1708	1820
	0.8	1306	1470	1604	1730
	0.9	----	1349	1484	1614
	1.0	----	----	1328	1430

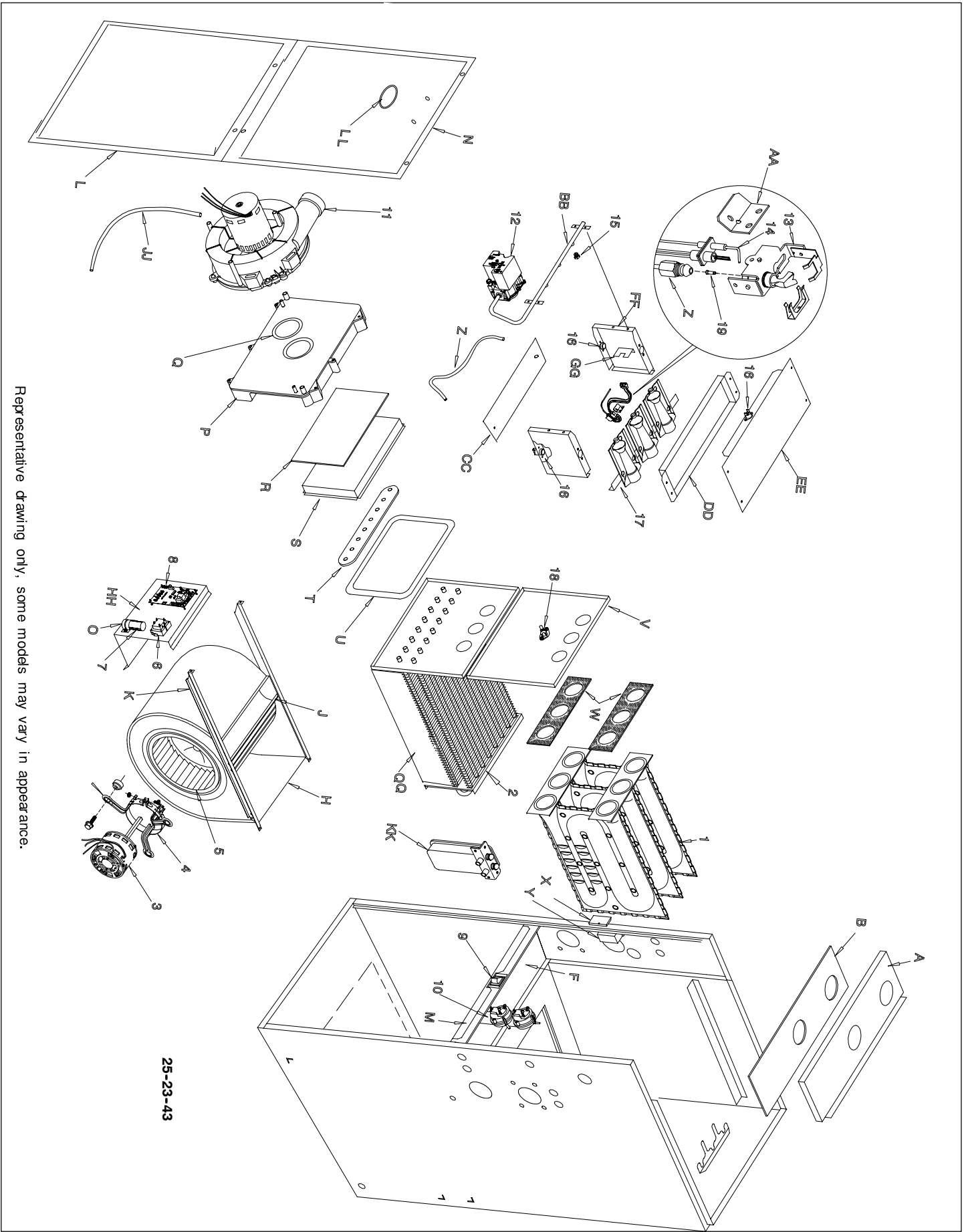
For 100 Models 3.5 Ton 19" & 22³/₄" Units

External Static Pressure Inches of W.C.	Speed Tap	Low	Med L	Med H	Hi
	0.1	700	912	1209	1550
	0.2	660	884	1171	1492
	0.3	616	843	1139	1434
	0.4	575	790	1088	1378
	0.5	528	735	1040	1317
	0.6	472	677	979	1247
	0.7	---	608	909	1161
	0.8	---	528	827	1058
	0.9	---	---	733	932
	1.0	---	---	624	778

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2. N9MP1, N9MP2 or *9MPD



Representative drawing only, some models may vary in appearance.

Replacement Parts - N9MP1 & N9MP2

Models – N9MP1050B12A1, N9MP1075B12A1, N9MP1100F14A1, N9MP1100J20A1 & N9MP1125J20A1 (Natural Gas)
 – N9MP2050B12A1, N9MP2075B12A1, N9MP2100F14A1, N9MP2100J20A1 & N9MP2125J20A1 (Natural Gas)

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

Key No.	Description Functional	Part Number	N9MP1					N9MP2				
			050B12A	075B12A	100F14A	100J20A	125J20A	050B12A	075B12A	100F14A	100J20A	125J20A
1	Heat Exchanger, Primary	1012847	1	-	-	-	-	1	-	-	-	-
		1012851	-	1	-	-	-	-	1	-	-	-
		1012855	-	-	1	-	-	-	-	1	-	-
		1012856	-	-	-	1	-	-	-	-	1	-
		1012859	-	-	-	-	1	-	-	-	-	1
2	Heat Exchanger, Secondary	1012561	1	-	-	-	-	1	-	-	-	-
		1012563	-	1	-	-	-	-	1	-	-	-
		1012571	-	-	1	-	-	-	-	1	-	-
		1012573	-	-	-	1	-	-	-	-	1	-
		1012575	-	-	-	-	1	-	-	-	-	1
3	Motor, Blower	1009052	1	-	-	-	-	1	-	-	-	-
		1013341	-	1	1	-	-	-	1	1	-	-
		1011906	-	-	-	1	1	-	-	-	1	1
4	Mount, Motor kit	1013379	1	1	-	-	-	1	1	-	-	-
		522020024	-	-	1	1	1	-	-	1	1	1
5	Wheel, Blower	1013011	1	1	-	-	-	1	1	-	-	-
		1011420	-	-	1	1	1	-	-	1	1	1
6	Transformer	1012722	1	1	1	1	1	1	1	1	1	1
7	Capacitor, 10Mfd, 370V 7.5Mfd., 370V 40Mfd., 370V	1094956	1	-	-	-	-	1	-	-	-	-
		1094239	-	1	1	-	-	-	1	1	-	-
		1012176	-	-	-	1	1	-	-	-	1	1
8	Control, Fan Timer	1012358	1	1	1	1	1	1	1	1	1	1
9	Switch, Interlock	1012351	1	1	1	1	1	1	1	1	1	1
10	Switch, Pressure	1013166	-	-	-	-	1	-	-	-	-	1
		1013518	1	1	1	1	-	1	1	1	1	-
11	Blower, Exhaust	1013188	1	1	1	1	-	1	1	1	1	-
		1013414	-	-	-	-	1	-	-	-	-	1
12	Valve, Gas HSP Nat.	1013350	1	1	1	1	1	1	1	1	1	1
13	Burner, Pilot HSP	1008731	1	1	1	1	1	1	1	1	1	1
14	Igniter/Sensor HSP	1009524	1	1	1	1	1	1	1	1	1	1
15	Orifice, Burner #42 Nat.	1011351	2	3	4	4	5	2	3	4	4	5
16	Switch, Limit (Rollout)	1013102	3	3	3	3	3	3	3	3	3	3
17	Burner Assembly	1008723	1	-	-	-	-	1	-	-	-	-
		1008724	-	1	-	-	-	-	1	-	-	-
		1008725	-	-	1	1	-	-	-	1	1	-
		1008726	-	-	-	-	1	-	-	-	-	1
18	Switch, Limit (Main)	34335001	-	1	-	-	-	-	1	-	-	-
		34335002	1	-	-	-	-	1	-	-	-	-
		1320361	-	-	1	-	-	-	-	1	-	-
		1008445	-	-	-	-	1	-	-	-	-	-
		1320367	-	-	-	1	-	-	-	-	-	1
19	Orifice, Pilot .018	503211	1	1	1	1	1	1	1	1	1	1

Replacement Parts - N9MP1 & N9MP2

Models – N9MP1050B12A1, N9MP1075B12A1, N9MP1100F14A1, N9MP1100J20A1 & N9MP1125J20A1 (Natural Gas)
 – N9MP2050B12A1, N9MP2075B12A1, N9MP2100F14A1, N9MP2100J20A1 & N9MP2125J20A1 (Natural Gas)

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

Key No.	Description Non-Functional	Part Number	N9MP1					N9MP2				
			050B12A	075B12A	100F14A	100J20A	125J20A	050B12A	075B12A	100F14A	100J20A	125J20A
A	Panel, Top	1012324	1	1	-	-	-	-	-	-	-	-
		1012325	-	-	1	-	-	-	-	-	-	-
		1012326	-	-	-	1	1	-	-	-	-	-
		1012954	-	-	-	-	-	1	1	-	-	-
		1012955	-	-	-	-	-	-	-	1	-	-
		1012956	-	-	-	-	-	-	-	-	1	1
B	Gasket, Top Panel	1012602	1	1	-	-	-	1	1	-	-	-
		1012603	-	-	1	-	-	-	-	1	-	-
		1012604	-	-	-	1	1	-	-	-	1	1
F	Partition, Blower	1012872	1	1	-	-	-	-	-	-	-	-
		1012873	-	-	1	-	-	-	-	-	-	-
		1012874	-	-	-	1	1	-	-	-	-	-
		1013161	-	-	-	-	-	1	1	-	-	-
		1012877	-	-	-	-	-	-	-	1	-	-
		1013162	-	-	-	-	-	-	-	-	1	1
H	Housing, Blower	1012972	1	1	-	-	-	1	1	-	-	-
		1012888	-	-	1	1	1	-	-	1	1	1
J	Panel, Blower Cutoff	721020013	1	1	-	-	-	1	1	-	-	-
		721020008	-	-	1	1	1	-	-	1	1	1
K	Hanger, Blower	1012328	2	2	2	2	2	2	2	2	2	2
L	Door, Blower	1013215	1	1	-	-	-	-	-	-	-	-
		1013216	-	-	1	-	-	-	-	-	-	-
		1013217	-	-	-	1	1	-	-	-	-	-
		1013207	-	-	-	-	-	1	1	-	-	-
		1013208	-	-	-	-	-	-	-	1	-	-
		1013209	-	-	-	-	-	-	-	-	1	1
M	Bracket, Door Filler	1012895	1	1	-	-	-	1	1	-	-	-
		1012896	-	-	1	-	-	-	-	1	-	-
		1012897	-	-	-	1	1	-	-	-	1	1
N	Door, Front	1013218	1	1	-	-	-	-	-	-	-	-
		1013219	-	-	1	-	-	-	-	-	-	-
		1013220	-	-	-	1	1	-	-	-	-	-
		1013210	-	-	-	-	-	1	1	-	-	-
		1013211	-	-	-	-	-	-	-	1	-	-
		1013212	-	-	-	-	-	-	-	-	1	1
O	Clamp, Capacitor	1095020	1	1	1	-	-	1	1	1	-	-
		1095022	-	-	-	1	1	-	-	-	1	1
P	Transition Assembly	1012280	1	1	-	-	-	1	1	-	-	-
		1012281	-	-	1	-	-	-	-	1	-	-
		1012282	-	-	-	1	1	-	-	-	1	1
Q	Gasket, Blower	1012588	1	1	1	1	-	1	1	1	1	-
		1013415	-	-	-	-	1	-	-	-	-	1
R	Board, Insulating	1012417	1	1	-	-	-	1	1	-	-	-
		1012418	-	-	1	-	-	-	-	1	-	-
		1012419	-	-	-	1	1	-	-	-	1	1
S	Box, Collector	1012128	1	1	-	-	-	1	1	-	-	-
		1012244	-	-	1	-	-	-	-	1	-	-
		1012245	-	-	-	1	1	-	-	-	1	1
T	Gasket, Transition	1013079	1	1	-	-	-	1	1	-	-	-
		1013080	-	-	1	-	-	-	-	1	-	-
		1013083	-	-	-	1	1	-	-	-	1	1
U	Gasket, Collector Box	1012593	1	1	-	-	-	1	1	-	-	-
		1012594	-	-	1	-	-	-	-	1	-	-
		1012595	-	-	-	1	1	-	-	-	1	1
V	Partition, Front Ht Exchanger	1012646	1	-	-	-	-	1	-	-	-	-
		1012647	-	1	-	-	-	-	1	-	-	-
		1012649	-	-	1	-	-	-	-	1	-	-
		1012651	-	-	-	1	-	-	-	-	1	-
		1012652	-	-	-	-	1	-	-	-	-	1

Replacement Parts - N9MP1 & N9MP2

Models – N9MP1050B12A1, N9MP1075B12A1, N9MP1100F14A1, N9MP1100J20A1 & N9MP1125J20A1 (Natural Gas)
 – N9MP2050B12A1, N9MP2075B12A1, N9MP2100F14A1, N9MP2100J20A1 & N9MP2125J20A1 (Natural Gas)

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

Key No.	Description	Part Number	N9MP1					N9MP2				
			050B12A	075B12A	100F14A	100J20A	125J20A	050B12A	075B12A	100F14A	100J20A	125J20A
W	Gasket, Attachment Plate	1012542	2	-	-	-	-	2	-	-	-	-
		1012543	-	2	-	-	-	-	2	-	-	-
		1012544	-	-	2	2	-	-	-	2	2	-
		1012545	-	-	-	-	2	-	-	-	-	2
X	Cover, Junction Box	1012350	1	1	1	1	1	1	1	1	1	1
Y	Box, Junction	1012349	1	1	1	1	1	1	1	1	1	1
Z	Tube, Pilot	1013077	-	-	-	-	1	-	-	-	-	1
		1012832	-	1	1	1	-	-	1	1	1	-
		1012834	1	-	-	-	-	1	-	-	-	-
AA	Bracket, Pilot	1010901	1	1	1	1	1	1	1	1	1	1
BB	Manifold	1012276	1	-	-	-	-	1	-	-	-	-
		1012277	-	1	-	-	-	-	1	-	-	-
		1012278	-	-	1	1	-	-	-	1	1	-
		1012279	-	-	-	-	1	-	-	-	-	1
CC	Bottom, Burner Box	1012334	1	1	-	-	-	1	1	-	-	-
		1012335	-	-	1	1	-	-	-	1	1	-
		1012336	-	-	-	-	1	-	-	-	-	1
DD	Baffle, Burner Box	1012338	1	1	-	-	-	1	1	-	-	-
		1012339	-	-	1	1	-	-	-	1	1	-
		1012340	-	-	-	-	1	-	-	-	-	1
EE	Top, Burner Box	1012330	1	1	-	-	-	1	1	-	-	-
		1012331	-	-	1	1	-	-	-	1	1	-
		1012332	-	-	-	-	1	-	-	-	-	1
FF	Bracket, Manifold Support	1012377	2	2	2	2	2	2	2	2	2	2
GG	Bracket, Burner Box Side	1012532	2	2	2	2	2	2	2	2	2	2
HH	Bracket, Control Mounting	1012321	1	1	1	1	1	1	1	1	1	1
JJ	Tube, Sensor	1009238	1	1	1	1	1	1	1	1	1	1
KK	Trap, Drain Assembly	1012322	1	1	1	1	1	1	1	1	1	1
LL	Sightglass	1012756	-	-	-	-	-	1	1	1	1	1
QQ	Air Coil Baffles	1012247	2	2	2	2	2	2	2	2	2	2
J(	PART NOT ILLUSTRATED											
J(	Clamp, Hose 3/4"	1012976	4	4	4	4	4	4	4	4	4	4
J(	Clamp, Hose 5/8"	1012975	2	2	2	2	2	2	2	2	2	2
J(	Coupling, Air Intake	1012284	-	-	-	-	-	1	1	1	1	1
J(	Grommet, Vinyl	1009535	-	-	-	-	-	1	1	1	1	1
J(	Drain, Vent	1012323	1	1	1	1	1	1	1	1	1	1
J(	Grommet, Vent	1012697	1	1	1	1	1	1	1	1	1	1
J(	Gasket, Air Intake	1012583	-	-	-	-	-	1	1	1	1	1
J(	Gasket, Trap	1012610	-	-	-	-	-	1	1	1	1	1
J(	Harness, Wire	1013187	1	1	1	-	-	1	1	1	-	-
		1013198	-	-	-	1	1	-	-	-	1	1
J(	Hose, Drain 1/2"	1012695	1	1	1	1	1	1	1	1	1	1
J(	Hose, Drain 5/8"	1012696	1	1	1	1	1	1	1	1	1	1
J(	Tube, Drain Rigid	1013355	1	1	-	-	-	1	1	-	-	-
		1013356	-	-	1	-	-	-	-	1	-	-
		1013427	-	-	-	1	1	-	-	-	1	1
J(	Tech Support Manual	44003101002	1	1	1	1	1	1	1	1	1	1
J(	Installation Manual	44001101002	1	1	1	1	1	1	1	1	1	1
J(	User's Manual	44002101001	1	1	1	1	1	1	1	1	1	1

Gas Conversion Kits All Models

Nat to LPNAHF002LP *1009509

LP to NatNAHF002NG *1009510

* Order from Service Parts

Replacement Parts - *9MPD

Models – *9MPD050F12A1, *9MPD075F12A1, *9MPD100J14A1, *9MPD100J20A1 & *9MPD125L20A1 (Natural Gas)

*Denotes Brand

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

Key No.	Description Functional	Part Number	*9MPD				
			050F 12A	075F 12A	100J 14A	100J 20A	125L 20A
1	Ht Exchanger, Primary	1012850	1	-	-	-	-
		1012854	-	1	-	-	-
		1012858	-	-	1	1	-
		1012862	-	-	-	-	1
2	Ht Exchanger, Second	1012565	1	-	-	-	-
		1012569	-	1	-	-	-
		1012573	-	-	1	1	-
		1012577	-	-	-	-	1
3	Motor, Blower	1009052	1	-	-	-	-
		1013341	-	1	1	-	-
		1011906	-	-	-	1	1
4	Mount, Motor kit	1013379	1	-	-	-	-
		522020024	-	1	1	1	1
5	Wheel, Blower	1013011	1	-	-	-	-
		1011420	-	1	1	1	1
6	Transformer	1012722	1	1	1	1	1
7	Capac, 7.5Mfd.,370V	1094239	-	1	1	-	-
		1094956	1	-	-	-	-
		1012176	-	-	-	1	1
8	Control, Fan Timer	1012358	1	1	1	1	1
9	Switch, Interlock	1012351	1	1	1	1	1
10	Switch, Pressure	1013166	-	-	-	-	1
		1013515	1	1	1	1	-
11	Blower, Exhaust	1013188	1	1	1	1	-
		1013414	-	-	-	-	1
12	Valve, Gas HSP Nat.	1013350	1	1	1	1	1
13	Burner, Pilot HSP	1008731	1	1	1	1	1
14	Igniter/Sensor HSP	1009524	1	1	1	1	1
15	Orifice, Burn #42 Nat.	1011351	2	3	4	4	5
16	Switch, Limit (Rollout)	1013102	3	3	3	3	3
17	Burner Assembly	1008723	1	-	-	-	-
		1008724	-	1	-	-	-
		1008725	-	-	1	1	-
		1008726	-	-	-	-	1
18	Switch, Limit (Main)	1320366	1	-	-	-	-
		34335002	-	1	-	-	-
		1008445	-	-	-	-	1
		1320367	-	-	1	1	-
19	Orifice, Pilot .018	503211	1	1	1	1	1

Key No.	Description Non-Functional	Part Number	*9MPD				
			050F 12A	075F 12A	100J 14A	100J 20A	125L 20A
A	Panel, Top	1012342	1	1	-	-	-
		1012343	-	-	1	1	-
		1012344	-	-	-	-	1
B	Gasket, Top Panel	1012603	1	1	-	-	-
		1012604	-	-	1	1	-
		1012605	-	-	-	-	1
F	Partition, Blower	1013164	1	-	-	-	-
		1012877	-	1	-	-	-
		1013162	-	-	1	1	-
		1013163	-	-	-	-	1
H	Housing, Blower	1012972	1	-	-	-	-
		1012888	-	1	1	1	1
J	Panel, Blower Cutoff	721020013	1	-	-	-	-
		721020008	-	1	1	1	1
K	Hanger, Blower	1012328	2	2	2	2	2
L	Door, Blower (Tstar only) (Tstar only) (Cmaker/Keeprite only) (Cmaker/Keeprite only) (Cmaker/Keeprite only) (Heil/Arco only) (Heil/Arco only) (Heil/Arco only)	1013151	1	1	-	-	-
		1013152	-	-	1	1	-
		1013153	-	-	-	-	1
		1013141	1	1	-	-	-
		1013142	-	-	1	1	-
		1013143	-	-	-	-	1
		1013138	1	1	-	-	-
		1013139	-	-	1	1	-
M	Bracket, Door Filler	1013140	-	-	-	-	1
		1013516	1	-	-	-	-
		1012896	-	1	-	-	-
		1012897	-	-	1	1	-
N	Door, Front (Tstar only) (Tstar only) (Tstar only) (Cmaker/Keeprite only) (Cmaker/Keeprite only) (Cmaker/Keeprite only) (Heil/Arco only) (Heil/Arco only) (Heil/Arco only)	1012898	-	-	-	-	1
		1013154	1	1	-	-	-
		1013155	-	-	1	1	-
		1013156	-	-	-	-	1
		1013148	1	1	-	-	-
		1013149	-	-	1	1	-
		1013150	-	-	-	-	1
		1013145	1	1	-	-	-
O	Clamp, Capacitor	1013146	-	-	1	1	-
		1013147	-	-	-	-	1
P	Transition Assembly	1095020	1	1	1	-	-
		1095022	-	-	-	1	1
Q	Gasket, Blower	1012281	1	1	-	-	-
		1012282	-	-	1	1	-
		1012283	-	-	-	-	1
R	Board, Insulating	1012588	1	1	1	1	-
		1013415	-	-	-	-	1
S	Box, Collector	1012418	1	1	-	-	-
		1012419	-	-	1	1	-
		1012420	-	-	-	-	1
T	Gasket, Transition	1012244	1	1	-	-	-
		1012245	-	-	1	1	-
		1012246	-	-	-	-	1
U	Gasket, Collector Box	1013263	1	-	-	-	-
		1013080	-	1	-	-	-
		1013083	-	-	1	1	-
		1013084	-	-	-	-	1
V	Partition, Frt Ht Exchanger	1012594	1	1	-	-	-
		1012595	-	-	1	1	-
		1012596	-	-	-	-	1
V	Partition, Frt Ht Exchanger	1012650	1	-	-	-	-
		1012648	-	1	-	-	-
		1012651	-	-	1	1	-
		1012653	-	-	-	-	1

Replacement Parts - *9MPD

Models – *9MPD050F12A1, *9MPD075F12A1, *9MPD100J14A1, *9MPD100J20A1 & *9MPD125L20A1 (Natural Gas)

*Denotes Brand

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

Key No.	Description Functional	Part Number	*9MPD				
			050F 12A	075F 12A	100 J14A	100J 20A	125L 20A
W	Gasket, Attachment Plate	1012542	2	-	-	-	-
		1012543	-	2	-	-	-
		1012544	-	-	2	2	-
		1012545	-	-	-	-	2
X	Cover, Junction Box	1012350	1	1	1	1	1
Y	Box, Junction	1012349	1	1	1	1	1
Z	Tube, Pilot	1012832	-	1	1	1	-
		1013077	-	-	-	-	1
		1012834	1	-	-	-	-
AA	Bracket, Pilot	1010901	1	1	1	1	1
BB	Manifold	1012276	1	-	-	-	-
		1012277	-	1	-	-	-
		1012278	-	-	1	1	-
		1012279	-	-	-	-	1
CC	Bottom, Burner Box	1012334	1	1	-	-	-
		1012335	-	-	1	1	-
		1012336	-	-	-	-	1
DD	Baffle, Burner Box	1012338	1	1	-	-	-
		1012339	-	-	1	1	-
		1012340	-	-	-	-	1
EE	Top, Burner Box	1012330	1	1	-	-	-
		1012331	-	-	1	1	-
		1012332	-	-	-	-	1
FF	Bracket, Manifold Support	1012377	2	2	2	2	2
GG	Bracket, Burner Box Side	1012532	2	2	2	2	2
HH	Bracket, Control Mounting	1012321	1	1	1	1	1
JJ	Tube, Sensor	1009238	1	1	1	1	1
KK	Trap, Drain Assembly	1012322	1	1	1	1	1
LL	Sightglass Comfortmaker & Heil Tempstar Only	1013235	1	1	1	1	1
		1013236	1	1	1	1	1
QQ	Air Coil Baffles	1012247	2	2	2	2	2
) (	PART NOT ILLUSTRATED						
) (	Clamp, Hose	1002793	1	1	1	1	1
) (	Clamp, Hose 3/4"	1012976	4	4	4	4	4
) (	Clamp, Hose 5/8"	1012975	2	2	2	2	2
) (	Coupling, Air Intake	1012284	1	1	1	1	1
) (	Elbow, Vent 90+ Assembly	1013495	1	1	1	1	1
) (	Gasket, Air Intake	1012583	1	1	1	1	1
) (	Gasket, Trap	1012610	1	1	1	1	1
) (	Grommet, Vent	1012697	1	1	1	1	1
)	Harness, Wire	1013187	1	1	-	-	-
		1013198	-	-	1	1	1
) (	Hose, Drain 1/2"	1012695	1	1	1	1	1
) (	Hose, Drain 5/8"	1012696	1	1	1	1	1
)	Tube, Drain Rigid	1013356	1	1	-	-	-
		1013427	-	-	1	1	-
		1013428	-	-	-	-	1
) (	Tech Support Manual	44003101002	1	1	1	1	1
) (	Installation Manual	44001101002	1	1	1	1	1
) (	User's Manual	44002101001	1	1	1	1	1

Gas Conversion Kits All Models

Nat to LP NAHF002LP *1009509

LP to Nat NAHF002NG *1009510

* Order from Service Parts