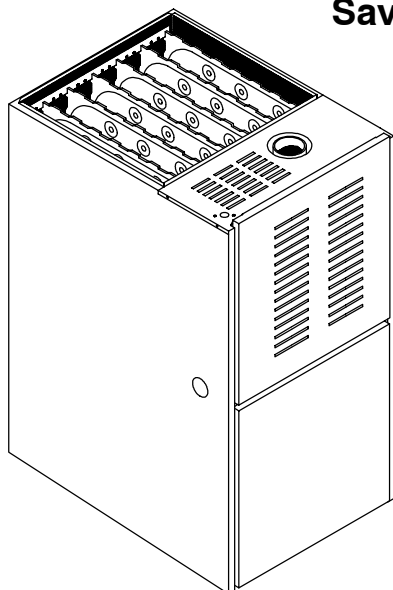
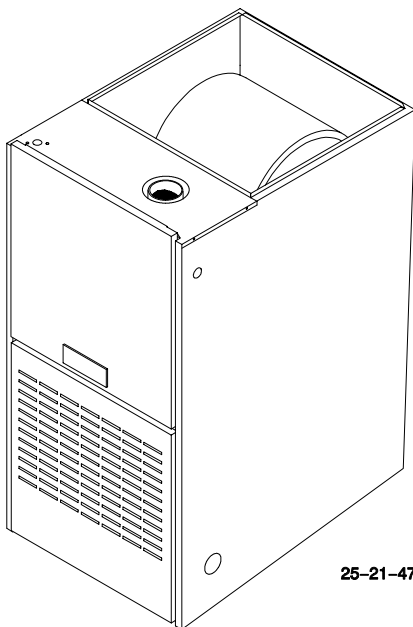


Technical Support Manual

Save This Manual For Future Reference



25-21-65



25-21-47

Models

NTN3050FBG1	NBF050B12G1
NTN3075FBG1	NBF075B12G1
NTN3075HFG1	NBF075F16G1
NTN3100KFG1	NBF100F20G1
NTN3100KJG1	NBF100J20G1
NTN3100LJG1	NBF100J22G1
NTN3125KJG1	NBF125J20G1
NTN3125LJG1	NBF125J22G1
NTG3050FBG1	FBF050B12G1
NTG3075FBG1	FBF075B12G1
NTG3075HFG1	FBF075F16G1
NTG3100GFG1	FBF100F14G1
NTG3100KFG1	FBF100F20G1
NTG3100LJG1	FBF100J22G1
NTG3125KJG1	FBF125J20G1
NTG3125LJG1	FBF125J22G1
NDN3050FBG1	NDF050B12G1
NDN3075FBG1	NDF075B12G1
NDN3075HFG1	NDF075F16G1
NDN3100GFG1	NDF100F14G1
NDN3100KFG1	NDF100F20G1
NDN3125KJG1	NDF125J20G1

Manufactured by:

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



FAN ASSISTED COMBUSTION GAS FURNACES

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 VR 8204	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 S8600	HW S8600
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		
Nat to LP	NAHF002LP or NAHL002LP, *1160991	
LP to Nat	NAHF002NG, *1009510*	
LP High Altitude	*1160992	
*Must be ordered from Service Parts		

Specifications																
	NTN3050FB/ NBF050B12 NTG3050FB /FBF050B12		NTN3075FB/ NBF075B12 NTG3075FB /FBF075B12		NTN3075HF/ NBF075F16 NTG3075HF /FBF075F16		NTN3100KF/ NBF100F20		NTN3100KJ/ NBF100J20 NTG3100KF /FBF100F20		NTN3100LJ/ NBF100J22 NTG3100LJ/ FBF100J22		NTN3125KJ/ NBF125J20 NTG3125KJ/ FBF125J20		NTN3125LJ/ NBF125J22 NTG3125LJ/ FBF125J22	
General																
Input (Btuh)	50,000		75,000		75,000		100,000		100,000		100,000		125,000		125,000	
Output (Btuh)	40,000		59,000		59,000		79,000		79,000		79,000		99,000		99,000	
Temp. Rise (°F)	35-65		35-65		25-55		35-65		35-65		40-70		40-70		40-70	
Electrical (Volts/Hz/FLA)	115/60/5.3		115/60/5.3		115/60/12.0		115/60/12.0		115/60/12.0		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	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	4/#42	4/#54	5/#42	5/#54	5/#42	5/#54
Limits & Controls																
Thermal Sensor (°F)	300		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		See Parts List	
Auxiliary Limit (°F)	130		130		130		130		130		130		130		130	
Std. Pressure Sw. (Part No)	1010898		1010898		1010898		1010898		1010898		1010898		1010898		1010898	
Press (Close)	-0.75		-0.75		-0.75		-0.75		-0.75		-0.75		-0.75		-0.75	
Press (Open)	-0.65		-0.65		-0.65		-0.65		-0.65		-0.65		-0.65		-0.65	
Blower Data																
Type & Size	10-8		10-8		10-10		10-10		11-10		11-10		11-10		11-10	
Motor Amps/Rpm	6.5/1050		6.5/1050		10.3/1100		11.9/900		11.9/900		11.9/900		11.9/900		11.9/900	
Motor Type/H.p.	PSC/1/3		PSC/1/3		PSC/1/2		PSC/3/4		PSC/3/4		PSC/3/4		PSC/3/4		PSC/3/4	
Cap. Mfd/Volts	5/370		5/370		10/370		10/370		10/370		10/370		10/370		10/370	
Filter Type	Washable		Washable		Washable		Washable		Washable		Washable		Washable		Washable	
Filter Size (")	14x25x1		14x25x1		16x25x1		16x25x1		16x25x1		16x25x1		16x25x1 (2)		16x25x1	
Min. Cool Cap. (Tons)	1.5		1.5		3		3		3		3		3		3	
Max. Cool Cap. (Tons)	3		3		4		5		5		5		5		5	

Specifications												
	NDN3050FB/ NDF050B12		NDN3075FB/ NDF075B12		NDN3075HF/ NDF075F16		NDN3100GF/ NDF100F14		NDN3100KF/ NDF100F20		NDN3125KJ/ NDF125J20	
General												
Input (Btuh)	50,000		75,000		75,000		100,000		100,000		125,000	
Output (Btuh)	40,000		61,000		61,000		81,000		81,000		102,000	
Temp. Rise (°F)	30-60		40-70		40-70		40-70		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	
Gas & Ignition												
Gas Type	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
Limits & Controls												
Thermal Sensor (°F)	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	
Auxiliary Limit (°F)	110		110		110		110		110		110	
Std. Pressure Sw. (Part No)	1010898		1010898		1010898		1010898		1010898		1010898	
Press (Close)	-0.75		-0.75		-0.75		-0.75		-0.75		-0.75	
Press (Open)	-0.65		-0.65		-0.65		-0.65		-0.65		-0.65	
Blower Data												
Type & Size	10-8		10-8		11-10		11-10		11-10		11-10	
Motor Amps/Rpm	6.5/1050		6.5/1050		10.3/1100		8/1050		10.3/1100		11.9/900	
Motor Type/H.p.	PSC/1/3		PSC/1/3		PSC/1/3		PSC/1/2		PSC/1/2		PSC/3/4	
Cap. Mfd/Volts	5/370		5/370		5/370		5/370		5/370		5/370	
Filter Type	Washable		Washable		Washable		Washable		Washable		Washable	
Filter Size (")	16x18x1 (2)		16x18x1 (2)		16x18x1 (2)		16x18x1 (2)		16x18x1 (2)		16x18x1 (2)	
Min. Cool Cap. (Tons)	1.5		1.5		3		2		3		3	
Max. Cool Cap. (Tons)	3		3		4		3.5		5		5	

CIRCULATION AIR BLOWER DATA

NTG3050FB/FBF050B12, NTN3050FB/NBF050B12, NTG3075FB/FBF075B12, NTN3075FB/NBF075B12

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	468	--	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

NTN3075HFA/NBF075F16A & NTG3075HFA/FBF075F16A

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

NTN3100KFA/NBF100F20A, NTN3100KJA/NBF100J20A & NTG3100KFA/BBF100F20A

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

NTN3100LJA/NBF100J22A , NTG3100LJA/BBF100J22A, NTN3125LJA/NBF125J22A & NTG3125LJA/BBF125J22A

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	1598	1864	--	2131	2383
	.20	1586	1839	--	2086	2340
	.30	1574	1814	--	2048	2299
	.40	1550	1786	--	2018	2253
	.50	1516	1752	--	1976	2193
	.60	1481	1699	--	1914	2136
	.70	1441	1630	--	1865	2072

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	754	880	--	1006	1125
	.20	749	868	--	984	1104
	.30	743	856	--	967	1084
	.40	732	843	--	952	1063
	.50	716	826	--	933	1035
	.60	699	803	--	903	1008
	.70	680	769	--	880	978

NTN3125KJA/NBF125J20A & NTG3125KJA/BBF125J20A

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	1520	--	1841	2161
	.20	590	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

NDN3050FB/NDF050B12 & NDN3075FB/NDF075B12

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

NDN3075HF/NDF075F16F

External Static Pressure Inches of W.C.	Air Delivery in Cubic Feet per Minute (C.F.M.) (Furnace Rated @0.5" WC ESP)						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		TAP	LOW	MED L	MED	MED H	HIGH
	.10	1512	--	1669	--	1840		.10	714	--	788	--	868
	.20	1460	--	1610	--	1780		.20	689	--	760	--	840
	.30	1402	--	1559	--	1711		.30	662	--	736	--	808
	.40	1360	--	1499	--	1640		.40	642	--	708	--	774
	.50	2191	--	1439	--	1572		.50	609	--	679	--	742
	.60	1230	--	1360	--	1480		.60	581	--	642	--	699
	.70	1171	--	1270	--	1391		.70	553	--	603	--	657

NDN3100GF/NDF100F14

External Static Pressure Inches of W.C.	Air Delivery in Cubic Feet per Minute (C.F.M.) (Furnace Rated @0.5" WC ESP)						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		TAP	LOW	MED L	MED	MED H	HIGH
	.10	778	984	--	1263	1576		.10	367	464	--	596	744
	.20	786	1003	--	1249	1532		.20	371	473	--	589	723
	.30	790	1003	--	1244	1489		.30	373	473	--	587	703
	.40	788	1001	--	1215	1432		.40	372	472	--	573	676
	.50	781	982	--	1186	1371		.50	369	463	--	560	647
	.60	765	962	--	1146	1308		.60	361	454	--	541	617
	.70	743	923	--	1094	1229		.70	351	436	--	516	580

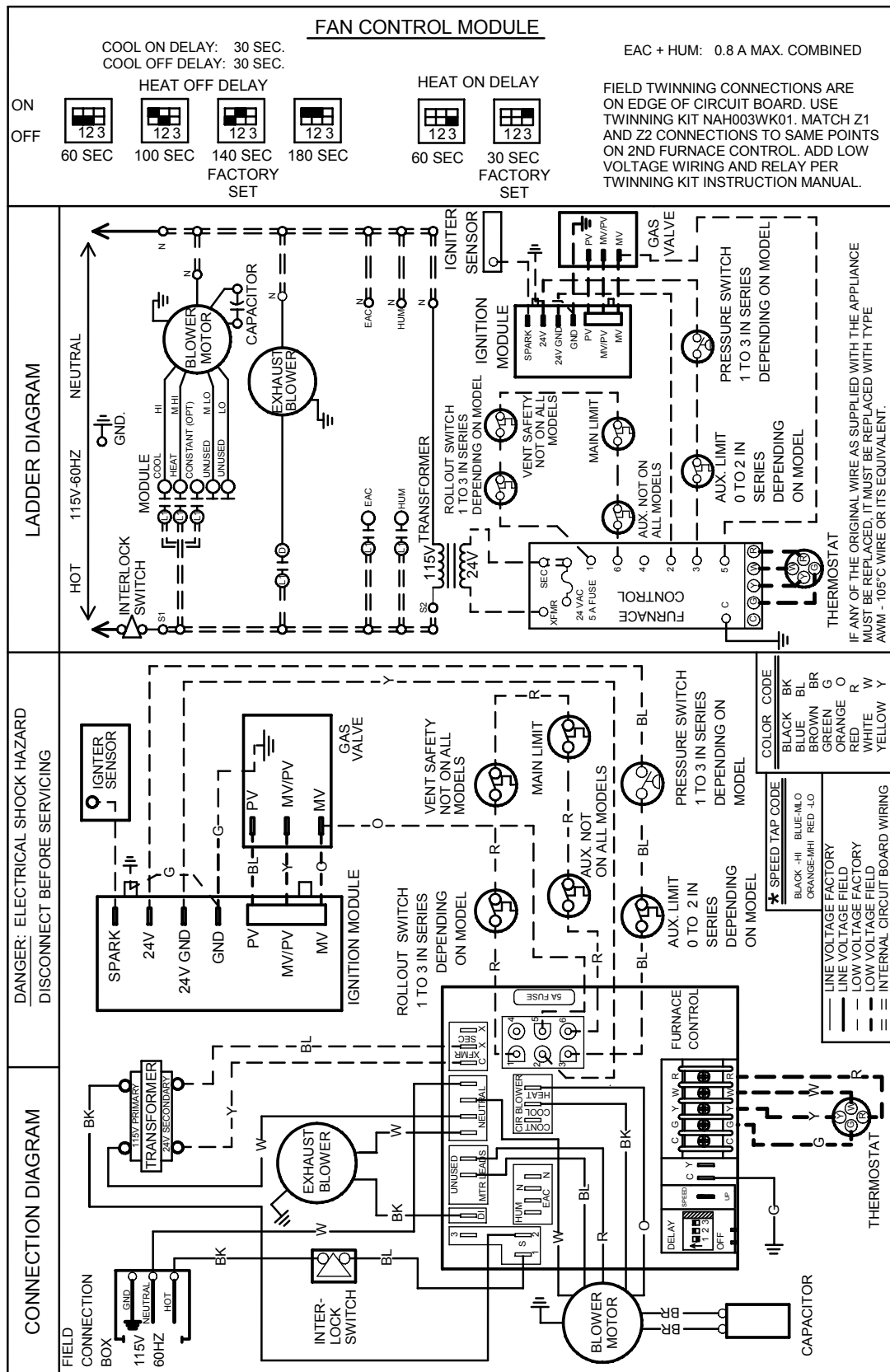
NDN3100KF/NDF100F20

External Static Pressure Inches of W.C.	Air Delivery in Cubic Feet per Minute (C.F.M.) (Furnace Rated @0.5" WC ESP)						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		TAP	LOW	MED L	MED	MED H	HIGH
	.10	1305	1495	--	1805	2141		.10	616	706	--	852	1011
	.20	1258	1475	--	1743	2064		.20	594	688	--	823	974
	.30	1241	1424	--	1698	1981		.30	586	672	--	801	935
	.40	1227	1383	--	1636	1902		.40	579	653	--	772	898
	.50	1178	1343	--	1563	1818		.50	556	634	--	738	858
	.60	1103	1279	--	1491	1740		.60	521	604	--	704	821
	.70	1029	1185	--	1390	1644		.70	486	559	--	656	776

NDN3125KJ/NDF125J20

External Static Pressure Inches of W.C.	Air Delivery in Cubic Feet per Minute (C.F.M.) (Furnace Rated @0.5" WC ESP)						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		TAP	LOW	MED L	MED	MED H	HIGH
	.10	1333	1573	--	1840	2148		.10	629	742	--	868	1014
	.20	1294	1544	--	1816	2093		.20	611	729	--	857	988
	.30	1266	1500	--	1776	2041		.30	598	708	--	838	963
	.40	1240	1467	--	1726	1981		.40	585	692	--	815	935
	.50	1175	1419	--	1665	1906		.50	555	670	--	786	900
	.60	1141	1357	--	1607	1828		.60	539	641	--	759	863
	.70	1054	1308	--	1538	1751		.70	497	617	--	726	826

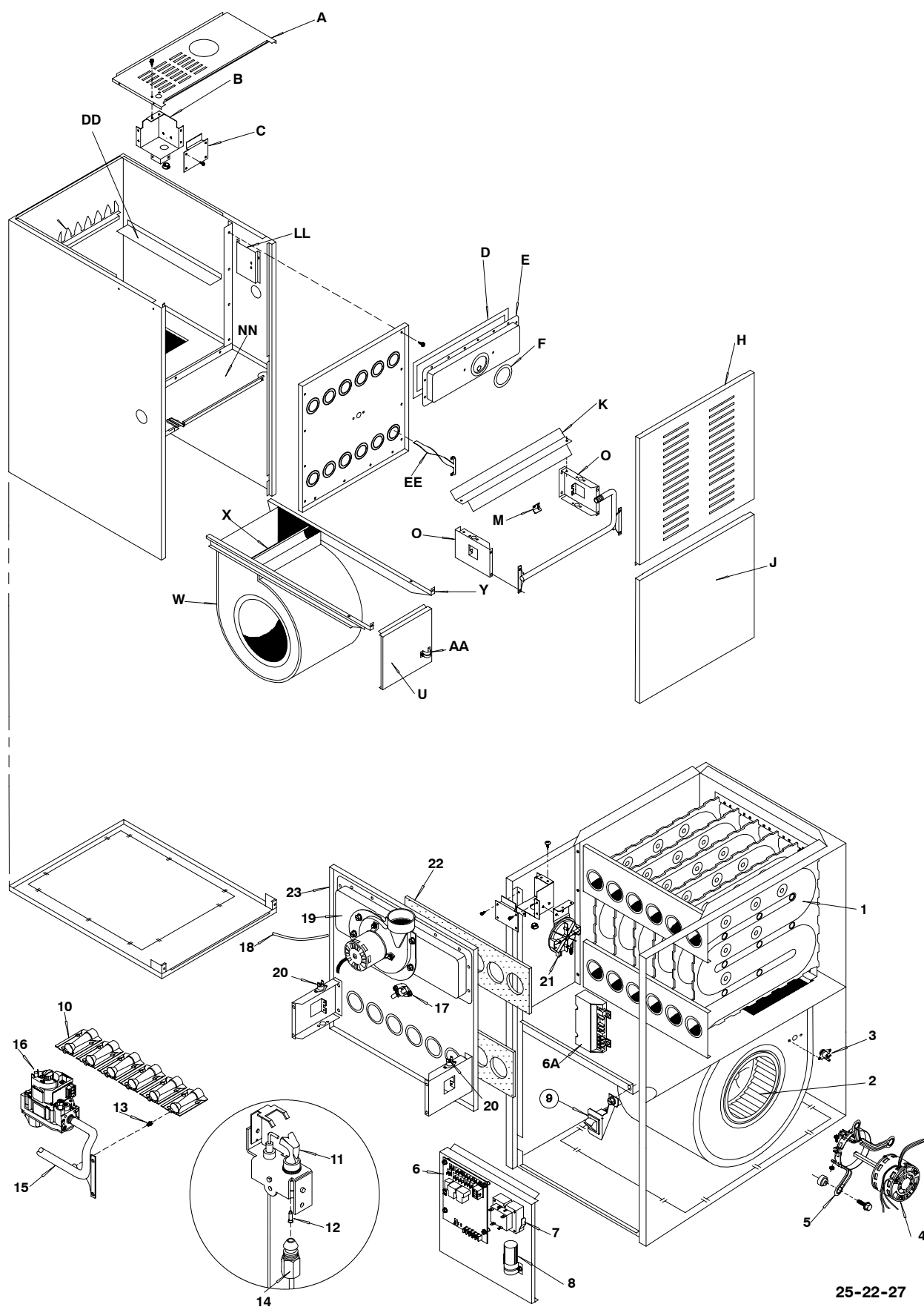
1. Wiring Diagram



1012723-A

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

2. NTG3/FBF & NTN3/NBF



Replacement Parts - NTG3/FBF (Natural Gas)

Models - NTG3050FBG1, NTG3075FBG1, NTG3075HFG1, NTG3100GFG1, NTG3100KFG1, NTG3100LJG1, NTG3125KJG1, NTG3125LJG1: & FBF050B12G1, FBF075B12G1, FBF075F16G1, FBF100F14G1, FBF100F20G1, FBF100J22G1, FBF125J20G1, FBF125J22G1

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

Key No.	Description Functional	Part Number	NTG3/FBF							
			050FBG1/ 050B12G1	075FBG1/ 075B12G1	075HFG1/ 075F16G1	100GFG1/ 100F14G1	100LJG1/ 100J22G1	100KFG1/ 100F20G1	125KJG1/ 125J20G1	125LJG1/ 125J22G1
1	Heat Exchanger	1011544	1	-	-	-	-	-	-	-
		1012406	-	1	-	-	-	-	-	-
		1012407	-	-	1	-	-	-	-	-
		1011364	-	-	-	1	-	1	-	-
		1011363	-	-	-	-	1	-	-	-
		1012408	-	-	-	-	-	-	1	1
2	Blower Wheel 10-10 DD	601210	-	-	1	1	-	-	-	-
		600587	1	1	-	-	-	-	-	-
		1011420	-	-	-	-	1	1	1	1
		1000735	2	2	2	2	2	2	2	2
4	Blower Motor 115V -1/3 HP	1012514	1	1	-	-	-	-	-	-
		1012119	-	-	1	-	-	-	-	-
		1013341	-	-	-	1	-	-	-	-
		1011906	-	-	-	-	1	-	-	1
		1010263	-	-	-	-	-	1	-	-
		1011404	-	-	-	-	-	-	1	-
5	Motor Mount Kit	609227	1	1	1	1	-	-	-	-
		522020024	-	-	-	-	1	1	1	1
6	Control, Fan Timer	1011927	1	1	1	1	1	1	1	1
6A	Control, Module	1011449	1	1	1	1	1	1	1	1
7	Transformer, 40VA	1012722	1	1	1	1	1	1	1	1
8	Capacitor 5mf 370V	1094954	1	1	-	-	-	-	-	-
		1094956	-	-	1	-	-	1	1	-
		1094239	-	-	-	1	-	-	-	-
		1012176	-	-	-	-	1	-	-	1
9	Switch Door	1010886	1	1	1	1	1	1	1	1
10	Burner Assembly	1012382	1	-	-	-	-	-	-	-
		1012383	-	1	1	-	-	-	-	-
		1012384	-	-	-	1	1	1	-	-
		1012385	-	-	-	-	-	-	1	1
		1011477	1	1	1	1	1	1	1	1
12	Pilot Orifice, NAT (.018)	503211	1	1	1	1	1	1	1	1
13	Orifice, #42 NAT	1011351	2	3	3	4	4	4	5	5
14	Tube, Pilot	1011943	1	-	-	-	-	-	-	-
		1011044	-	1	1	1	1	1	-	-
		1011945	-	-	-	-	-	-	1	1
15	Manifold	1011458	1	-	-	-	-	-	-	-
		1011459	-	1	1	-	-	-	-	-
		1011460	-	-	-	1	1	1	-	-
		1011461	-	-	-	-	-	-	1	1
16	Valve, Natural	1005597	1	1	1	1	1	1	1	1
17	Switch, Limit 270°F	1320365	1	-	-	1	-	-	-	-
		1009169	-	1	1	-	-	-	-	-
		1320364	-	-	-	-	1	-	-	-
		1320363	-	-	-	-	-	1	-	-
		1008445	-	-	-	-	-	-	1	-
		1095242	-	-	-	-	-	-	-	1
18	Tubing, Silicone 24"	2971255	1	1	1	1	1	1	1	1
19	Combustion Blower Assembly	1010975	1	1	1	1	1	1	1	1
20	Rollout Switch, Limit	1094863	2	2	-	2	2	2	2	2
		1005549	-	-	2	-	-	-	-	-
21	Switch, Pressure	1010898	1	1	1	1	1	1	1	1
22	Heat Exchanger Gaskets	2480904	2	-	-	-	-	-	-	-
		2480905	-	2	2	-	-	-	-	-
		2480906	-	-	-	2	2	2	-	-
		2480907	-	-	-	-	-	-	2	2
23	Heat Exchanger Frt Partition	1011451	1	-	-	-	-	-	-	-
		1012409	-	1	-	-	-	-	-	-
		1012410	-	-	1	-	-	-	-	-
		1008072	-	-	-	1	-	1	-	-
		1008071	-	-	-	-	1	-	-	-
		1012411	-	-	-	-	-	-	1	1

Replacement Parts - NTG3/BBF (Natural Gas)

Models - NTG3050BBG1, NTG3075BBG1, NTG3075HFG1, NTG3100GFG1, NTG3100KFG1, NTG3100LJG1, NTG3125KJG1, NTG3125LJA: & BBF050B12G1, BBF075B12G1, BBF075F16G1, BBF100F14G1, BBF100F20G1, BBF100J22G1, BBF125J20G1, BBF125J22A

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

Key No.	Description Non-Functional	Part Number	NTG3/BBF							
			050BBG1/ 050B12G1	075BBG1/ 075B12G1	075HFG1/ 075F16G1	100GFG1/ 100F14G1	100LJG1/ 100J22G1	100KFG1/ 100F20G1	125KJG1/ 125J20G1	125LJG1/ 125J22G1
A	Top	1013295	1	1	-	-	-	-	-	-
		1013296	-	-	1	-	-	-	-	-
		1013297	-	-	-	1	-	1	-	-
		1013298	-	-	-	-	1	-	1	1
B	Field Connect Box	1011941	1	1	1	1	1	1	1	1
C	Cover, Field Connect	1010360	1	1	1	1	1	1	1	1
D	Gasket, Collector	1093661	1	1	1	-	-	-	-	-
		1093662	-	-	-	1	1	1	-	-
		1093663	-	-	-	-	-	-	1	1
E	Collector	1011045	1	-	-	-	-	-	-	-
		1011048	-	1	1	-	-	-	-	-
		1011052	-	-	-	1	1	1	-	-
		1011055	-	-	-	-	-	-	1	1
F	Gasket, Combustion Blower	1011379	1	1	1	1	1	1	1	1
H	Door, Louvered	1013324	1	1	-	-	-	-	-	-
		1013316	-	-	1	1	-	1	-	-
		1013317	-	-	-	-	1	-	1	1
J	Door, Blower	1013303	1	1	-	-	-	-	-	-
		1013304	-	-	1	1	-	1	-	-
		1013305	-	-	-	-	1	-	1	1
K	Shield, Burner	1011335	1	1	1	-	-	-	-	-
		1011336	-	-	-	1	1	1	-	-
		1011337	-	-	-	-	-	-	1	1
M	Bracket, Pilot	1010901	1	1	1	1	1	1	1	1
O	Manifold Support Bracket	1011820	2	2	2	2	2	2	2	2
U	Fan Timer Bracket	1012321	1	1	1	1	1	1	1	1
W	Blower Housing	1013131	1	1	-	-	-	-	-	-
		1013132	-	-	1	1	-	-	-	-
		1013128	-	-	-	-	1	1	1	1
X	Blower Cutoff	721020008	-	-	1	1	1	1	1	1
		721020013	1	1	-	-	-	-	-	-
Y	Blower Hanger	1010690	2	2	2	2	2	2	2	2
AA	Strap Capacitor	1095020	1	1	1	1	-	1	1	-
		1095022	-	-	-	-	1	-	-	1
BB	Rail, Blower Slide	57059	2	2	2	2	2	2	2	2
LL	Bracket, Control	1011448	1	1	1	1	1	1	1	1
NN	Partition, Blower	1013456	1	1	-	-	-	-	-	-
		1013457	-	-	1	1	-	1	-	-
		1013461	-	-	-	-	1	-	1	1
)	PART NOT ILLUSTRATED									
)	Wire Harness Asy. Low Volt	1011868	1	1	1	1	1	1	1	1
)	Manual, Homeowners	44102200105	1	1	1	1	1	1	1	1
)	Manual, Installation	44101260300	1	1	1	1	1	1	1	1
)	Manual, Tech Support	44103260900	1	1	1	1	1	1	1	1

Replacement Parts - NTN3/NBF (Natural Gas)

Models - NTN3050FBG1, NTN3075FBG1, NTN3075HFG1, NTN3100KFG1, NTN3100KJG1, NTN3100LJG1, NTN3125KJG1, NTN3125LJG1: & NBF050B12G1, NBF075B12G1, NBF075F16G1, NBF100F14G1, NBF100F20G1, NBF100J22G1, NBF125J20G1, NBF125J22G1

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

Key No.	Description Functional	Part Number	NTN3/NBF							
			050FBG1/ 050B12G1	075FBG1/ 075B12G1	075HFG1/ 075F16G1	100KFG1/ 100F20G1	100KJG1/ 100J20G1	100LJG1/ 100J22G1	125KJG1/ 125J20G1	125LJG1/ 125J22G1
1	Heat Exchanger	1011544	1	-	-	-	-	-	-	-
		1012406	-	1	-	-	-	-	-	-
		1012407	-	-	1	-	-	-	-	-
		1011364	-	-	-	1	-	-	-	-
		1011363	-	1	-	-	1	1	-	-
		1012408	-	-	-	-	-	-	1	1
2	Blower Wheel 10-10 DD	601210	-	-	1	-	-	-	-	-
	10-8 DD	600587	1	1	-	-	-	-	-	-
	11-10 DD	1011420	-	-	-	1	1	1	1	1
3	Switch, Auxiliary Limit	1000735	2	2	2	2	2	2	2	2
4	Blower Motor 115V -1/3 HP	1012514	1	1	-	-	-	-	-	-
	115V -1/2 HP	1012119	-	-	1	-	-	-	-	-
	115V -3/4 HP	1011404	-	-	-	-	1	-	1	-
	115V -3/4 HP	1010263	-	-	-	1	-	-	-	-
	115V -3/4 HP	1011906	-	-	-	-	-	1	-	1
5	Motor Mount Kit	609227	1	1	1	-	-	-	-	-
		522020024	-	-	-	1	1	1	1	1
6	Control, Fan Timer	1011927	1	1	1	1	1	1	1	1
6A	Control, Module	1011449	1	1	1	1	1	1	1	1
7	Transformer, 40VA	1012722	1	1	1	1	1	1	1	1
8	Capacitor 10mf 370V	1094956	-	-	1	1	1	-	1	-
	5mf 370V	1094954	1	1	-	-	-	-	-	-
	40mf 370V	1012176	-	-	-	-	-	1	-	1
9	Switch Door	1010886	1	1	1	1	1	1	1	1
10	Burner Assembly	1012382	1	-	-	-	-	-	-	-
		1012383	-	1	1	-	-	-	-	-
		1012384	-	-	-	1	1	1	-	-
		1012385	-	-	-	-	-	-	1	1
11	Pilot/Ignitor Natural	1011477	1	1	1	1	1	1	1	1
12	Pilot Orifice,NAT (.018)	503211	1	1	1	1	1	1	1	1
13	Orifice, #42 NAT	1011351	2	3	3	4	4	4	5	5
14	Tube, Pilot	1011943	1	-	-	-	-	-	-	-
		1011944	-	1	1	1	1	1	-	-
		1011945	-	-	-	-	-	-	1	1
15	Manifold	1011458	1	-	-	-	-	-	-	-
		1011459	-	1	1	-	-	-	-	-
		1011460	-	-	-	1	1	1	-	-
		1011461	-	-	-	-	-	-	1	1
16	Valve, Natural	1005597	1	1	1	1	1	1	1	1
17	Switch, Limit 270°F	1320365	1	-	-	-	-	-	-	-
	250°F	1009169	-	1	1	-	-	-	-	-
	195°F	1320363	-	-	-	1	-	-	-	-
	130°F	1320364	-	-	-	-	1	1	-	-
	190°F	1008445	-	-	-	-	-	-	1	-
	170°F	1095242	-	-	-	-	-	-	-	1
18	Tubing,Silicone 24"	2971255	1	1	1	1	1	1	1	1
19	Combustion Blower Assem	1010975	1	1	1	1	1	1	1	1
20	Rollout Switch, Limit	1094863	2	2	-	2	2	2	2	2
		1005549	-	-	2	-	-	-	-	-
21	Switch, Pressure	1010898	1	1	1	1	1	1	1	1
22	Heat Exchanger Gaskets	2480904	2	-	-	-	-	-	-	-
		2480905	-	2	2	-	-	-	-	-
		2480906	-	-	-	2	2	2	-	-
		2480907	-	-	-	-	-	-	2	2
23	Heat Exchanger Frt Partition	1011451	1	-	-	-	-	-	-	-
		1012409	-	1	-	-	-	-	-	-
		1012410	-	-	1	-	-	-	-	-
		1008072	-	-	-	1	-	-	-	-
		1008071	-	-	-	-	1	1	-	-
		1012411	-	-	-	-	-	-	1	1

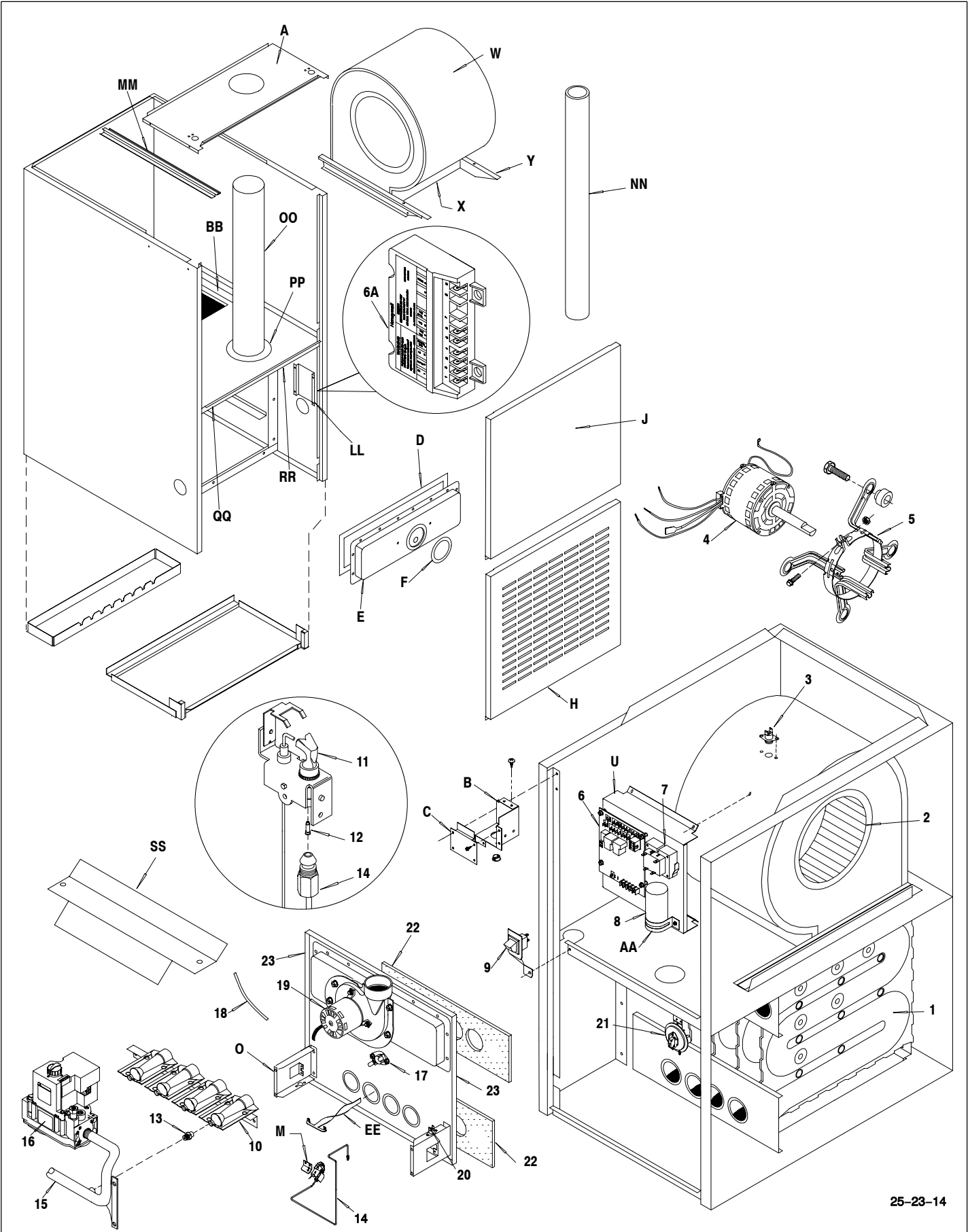
Replacement Parts - NTN3/NBF (Natural Gas)

Models - NTN3050FBG1, NTN3075FBG1, NTN3075HFG1, NTN3100KFG1, NTN3100KJG1, NTN3100LJG1, NTN3125KJG1, NTN3125LJG1: & NBF050B12G1, NBF075B12G1, NBF075F16G1, NBF100F14G1, NBF100F20G1, NBF100J22G1, NBF125J20G1, NBF125J22A

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

Key No.	Description Non-Functional	Part Number	NTN3/NBF							
			050FBG1/ 050B12G1	075FBG1/ 075B12G1	075HFG1/ 075F16G1	100KFG1/ 100F20G1	100KJG1/ 100J20G1	100LJG1/ 100J22G1	125KJG1/ 125J20G1	125LJG1/ 125J22G1
A	Top	1013295	1	1	-	-	-	-	-	-
		1013296	-	-	1	-	-	-	-	-
		1013297	-	-	-	1	-	-	-	-
		1013298	-	-	-	-	1	1	1	1
B	Field Connect Box	1011941	1	1	1	1	1	1	1	1
C	Cover, Field Connect	1010360	1	1	1	1	1	1	1	1
D	Gasket, Collector	1093661	1	1	1	-	-	-	-	-
		1093662	-	-	-	1	1	1	-	-
		1093663	-	-	-	-	-	-	1	1
E	Collector	1011047	1	-	-	-	-	-	-	-
		1011050	-	1	1	-	-	-	-	-
		1011053	-	-	-	1	1	1	-	-
		1011056	-	-	-	-	-	-	1	1
F	Gasket, Combustion Blower	1011379	1	1	1	1	1	1	1	1
H	Door, Louvered	1013324	1	1	-	-	-	-	-	-
		1013316	-	-	1	1	-	-	-	-
		1013317	-	-	-	-	1	1	1	1
J	Door, Blower	1013303	1	1	-	-	-	-	-	-
		1013304	-	-	1	1	-	-	-	-
		1013305	-	-	-	-	1	1	1	1
K	Shield, Burner	1011335	1	1	1	-	-	-	-	-
		1011336	-	-	-	1	1	1	-	-
		1011337	-	-	-	-	-	-	1	1
M	Bracket, Pilot	1010901	1	1	1	1	1	1	1	1
O	Manifold Support Bracket	1011820	2	2	2	2	2	2	2	2
U	Fan Timer Bracket	1012321	1	1	1	1	1	1	1	1
W	Blower Housing	1013131	1	1	-	-	-	-	-	-
		1013132	-	-	1	-	-	-	-	-
		1013128	-	-	-	1	1	1	1	1
X	Blower Cutoff	721020008	-	-	1	1	1	1	1	1
		721020013	1	1	-	-	-	-	-	-
Y	Blower Hanger	1010690	2	2	2	2	2	2	2	2
AA	Strap Capacitor	1095020	1	1	1	1	1	-	1	-
		1095022	-	-	-	-	-	1	-	1
BB	Rail, Blower Slide	57059	2	2	2	2	2	2	2	2
EE	NOx Baffle	1009876	2	3	3	4	4	4	5	5
LL	Bracket, Control	1011448	1	1	1	1	1	1	1	1
NN	Partition, Blower	1013456	1	1	-	-	-	-	-	-
		1013457	-	-	1	1	-	-	-	-
		1013461	-	-	-	-	1	1	1	1
()	PART NOT ILLUSTRATED									
()	Wire Harness Asy. Low Volt	1011868	1	1	1	1	1	1	1	1
()	Manual, Homeowners	441 02 2001 05	1	1	1	1	1	1	1	1
()	Manual, Installation	441 01 2603 00	1	1	1	1	1	1	1	1
()	Manual, Tech Support	441 03 2609 00	1	1	1	1	1	1	1	1

3. NDN3/NDF



25-23-14

Replacement Parts - NDN3/NDF

Models – NDN3050FBG1, NDN3075FBG1, NDN3075HFG1, NDN3100GFG1, NDN3100KFG1, NDN3125KJG1
NDF050B12G1, NDF075B12G1, NDF075F16G1, NDF100F14G1, NDF100F20G1, NDF125J20G1

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

Key No.	Description Functional	Part Number	NDN3/NDF					
			050FBG1/ 050B12G1	075FBG1/ 075B12G1	075HFG1/ 075F16G1	100GFG1/ 100F14G1	100KFG1/ 100F20G1	125KJG1/ 125J20G1
1	Heat Exch Assembly	1011544	1	-	-	-	-	-
		1012406	-	1	-	-	-	-
		1012407	-	-	1	-	-	-
		1011364	-	-	-	1	1	-
		1012408	-	-	-	-	-	1
2	Blower Wheel 10-10DD	601210	-	-	-	1	-	-
	10-8DD	600587	1	1	-	-	-	-
	11-10DD	1011420	-	-	1	-	1	1
3	Switch, Limit (Auxiliary)	1320368	1	1	1	1	1	1
4	Blower Motor 115V 1/3 HP	1012514	1	1	-	-	-	-
	115V 1/2 HP	1012119	-	-	1	-	-	-
	115V 1/2 HP	1013341	-	-	-	1	-	-
	115V 3/4 HP	1011404	-	-	-	-	-	1
	115V 3/4 HP	1010263	-	-	-	-	1	-
5	Motor Mount Kit	609227	1	1	-	1	-	-
		522020024	-	-	1	-	1	1
6	Control, Fan Timer	1011927	1	1	1	1	1	1
6A	Control Module	1011449	1	1	1	1	1	1
7	Transformer, 40VA	1012722	1	1	1	1	1	1
8	Capacitor 10mf 370V	1094956	-	-	1	-	1	1
	7.5mf 370V	1094239	-	-	-	1	-	-
	5mf 370V	1094954	1	1	-	-	-	-
9	Switch Door	1010886	1	1	1	1	1	1
10	Burner Assembly	1012382	1	-	-	-	-	-
		1012383	-	1	1	-	-	-
		1012384	-	-	-	1	1	-
		1012385	-	-	-	-	-	1
11	Pilot, Natural & LP	1011477	1	1	1	1	1	1
12	Orifice, Pilot, Nat. (.018)	503211	1	1	1	1	1	1
13	Orifice, #42, Nat.	1011351	2	3	3	4	4	5
14	Tube, Pilot	1011943	1	-	-	-	-	-
		1011944	-	1	1	1	1	-
		1011945	-	-	-	-	-	1
15	Manifold	1011458	1	-	-	-	-	-
		1011459	-	1	1	-	-	-
		1011460	-	-	-	1	1	-
		1011461	-	-	-	-	-	1
16	Valve, Natural	1005597	1	1	1	1	1	1
17	Switch, Limit 210°F	34335001	1	-	1	-	-	-
	260°F	1320366	-	-	-	1	-	-
	195°F	1320363	-	-	-	-	1	-
	220°F	1320367	-	1	-	-	-	-
	150°F	1065638	-	-	-	-	-	1
18	Tubing, Silicone, (24")	2971255	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	2	-
		2480907	-	-	-	-	-	2
23	Partition, Front Ht Exchanger	1011451	1	-	-	-	-	-
		1012409	-	1	-	-	-	-
		1012410	-	-	1	-	-	-
		1008072	-	-	-	1	1	-
		1012411	-	-	-	-	-	1

Replacement Parts - NDN3/NDF

Models – NDN3050FBG1, NDN3075FBG1, NDN3075HFG1, NDN3100GFG1, NDN3100KFG1, NDN3125KJG1
NDF050B12G1, NDF075B12G1, NDF075F16G1, NDF100F14G1, NDF100F20G1, NDF125J20G1

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

Key No.	Description Non-Functional	Part Number	NDN3/NDF					
			050FBG1/ 050B12G1	075FBG1/ 075B12G1	075HFG1/ 075F16G1	100GFG1/ 100F14G1	100KFG1/ 100F20G1	125KJG1/ 125J20G1
A	Top	1013299	1	1	-	-	-	-
		1013302	-	-	1	-	-	-
		1013300	-	-	-	1	1	-
		1013301	-	-	-	-	-	1
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	1	-
		1093663	-	-	-	-	-	1
E	Collector	1011047	1	-	-	-	-	-
		1011050	-	1	1	-	-	-
		1011053	-	-	-	1	1	-
		1011056	-	-	-	-	-	1
		1011379	1	1	1	1	1	1
F	Gasket, Combustion Blwr	1013334	1	1	-	-	-	-
H	Door, Louvered	1013335	-	-	1	1	1	-
		1013336	-	-	-	-	-	1
		1013310	1	1	-	-	-	-
J	Door, Blower	1013311	-	-	1	1	1	-
		1013312	-	-	-	-	-	1
		1010901	1	1	1	1	1	1
M	Bracket, Pilot	1011820	2	2	2	2	2	2
O	Manifold Support Bracket	1011178	1	1	1	1	1	1
U	Support, Control	1010579	1	1	-	-	-	-
		1013129	-	-	1	-	1	1
		1010580	-	-	-	1	-	-
X	Blower Cutoff	721020008	-	-	1	1	1	1
		721020013	1	1	-	-	-	-
Y	Blower Hanger	33403100	2	2	2	2	2	2
AA	Clamp, Capacitor	1095020	1	1	1	1	1	1
BB	Rail, Blower Slide	33406100	2	2	2	2	2	2
EE	NOx Baffle	1009876	2	3	3	4	4	5
LL	Bracket, Ignition Module	1011448	1	1	1	1	1	1
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
QQ	Plate, Fill-in	1011071	1	1	-	-	-	-
		1011072	-	-	1	1	1	-
		1011073	-	-	-	-	-	1
RR	Partition, Blower	1013476	1	1	-	-	-	-
		1013477	-	-	1	-	-	-
		1013474	-	-	-	1	1	-
		1013475	-	-	-	-	-	1
SS	Burner Shield	1011335	1	1	1	-	-	-
		1011336	-	-	-	1	1	-
		1011337	-	-	-	-	-	1
) (	PART NOT ILLUSTRATED							
) (	Wire Harness	1012720	1	1	1	1	1	1
) (	Manual, Homeowners	44102200105	1	1	1	1	1	1
) (	Manual, Installation	44101260300	1	1	1	1	1	1
) (	Manual, Tech Support	44103260900	1	1	1	1	1	1