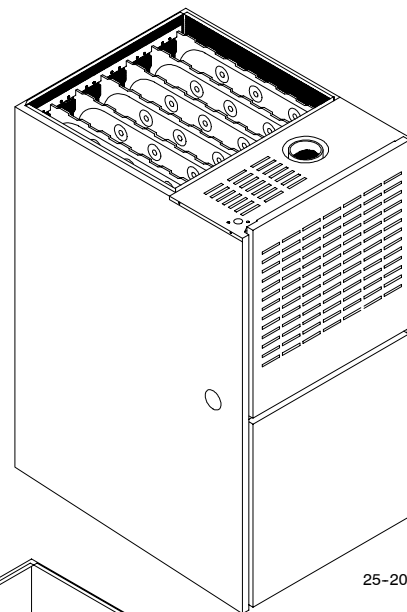


Technical Support Manual

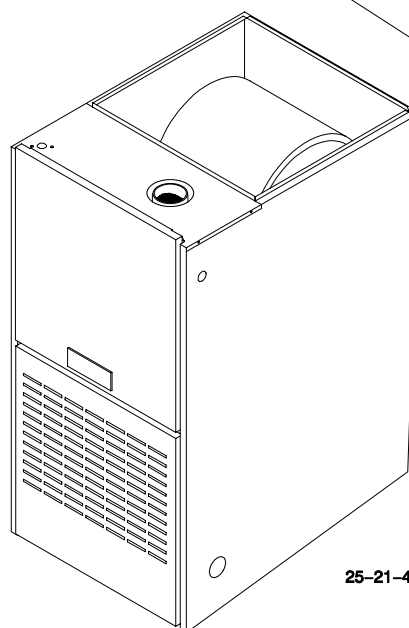
FAN ASSISTED COMBUSTION GAS FURNACES

Models

NTC6050FBG1	GNE050B12G1
NTC6075FBG1	GNE075B12G1
NTC6075HFG1	GNE075F16G1
NTC6100GFG1	GNE100F14G1
NTC6100KFG1	GNE100F20G1
NTC6100KJG1	GNE100J20G1
NTC6125KJG1	GNE125J20G1
NTC6150KJG1	GNE150J20G1
NTN6050FBG1	NNE050B12G1
NTN6075FBG1	NNE075B12G1
NTN6075HFG1	NNE075F16G1
NTN6100KFG1	NNE100F20G1
NTN6100KJG1	NNE100J20G1
NTN6125KJG1	NNE125J20G1
NDN6050FBG1	GDE050B12G1
NDN6075FBG1	GDE075B12G1
NDN6075HFG1	GDE075F16G1
NDN6100GFG1	GDE100F14G1
NDN6100KFG1	GDE100F20G1
NDN6125KJG1	GDE125J20G1



25-20-24



25-21-47



Manufactured by:

International Comfort Products Corporation (USA)
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 SV 9501
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		
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														
	NTC6050FB/ GNE050B12 NTN6050FB/ NNE050B12		NTC6075FB/ GNE075B12 NTN6075FB/ NNE075B12		NTC6075HF/ GNE075F16 NTN6075HF/ NNE075F16		NTC6100GF/ GNE100F14		NTC6100KF/ GNE100F20 NTN6100KF/ NNE100F20		NTC6100KJ/ GNE100J20 NTN6100KJ/ NNE100J20		NTC6125KJ/ GNE125J20 NTN6125KJ/ NNE125J20	
General														
Input (Btuh)	50,000		75,000		75,000		100,000		100,000		100,000		125,000	
Output (Btuh)	40,000		59,000		59,000		79,000		79,000		79,000		99,000	
Temp. Rise (°F)	35-65		35-65		25-55		45-75		35-65		35-65		40-70	
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	4/#42	4/#54	5/#42	5/#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		1010896		1010898	
Press (Close)	-0.50		-0.50		-0.50		-0.60		-0.60		-0.60		-0.75	
Press (Open)	-0.40		-0.40		-0.40		-0.50		-0.50		-0.50		-0.65	
Blower Data														
Type & Size	10-8		10-8		10-10		10-10		11-10		11-10		11-10	
Motor Amps/Rpm	6.5/1050		6.5/1050		10.3/1100		8.0/1050		10.6/1100		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		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		4.5		5		5	

Specifications														
	NTC6150KJ/ GNE150J20		NDN6050FB/ GDE050B12		NDN6075FB/ GDE075B12		NDN6075HF/ GDE075F16		NDN6100GF/ GDE100F14		NDN6100KF/ GDE100F20		NDN6125KJ/ GDE125J20	
General														
Input (Btuh)	150,000		50,000		75,000		75,000		100,000		100,000		125,000	
Output (Btuh)	120,000		40,000		61,000		61,000		81,000		81,000		102,000	
Temp. Rise (°F)	45-75		30-60		40-70		40-70		40-70		40-70		45-75	
Electrical (Volts/Hz/FLA)	115/60/12.0		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	Nat	LP
Std. Main Orifices (No/Size)	6#42	6/#54	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		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		110		110		110		110		110		110	
Std. Pressure Sw. (Part No)	1010898		1010897		1010896		1010896		1010898		1010898		1010898	
Press (Close)	-0.75		-0.50		-0.60		-0.60		-0.75		-0.75		-0.75	
Press (Open)	-0.65		-0.40		-0.50		-0.50		-0.65		-0.65		-0.65	
Blower Data														
Type & Size	12-12		10-8		10-8		11-10		11-10		11-10		11-10	
Motor Amps/Rpm	11.9/900		6.5/1050		6.5/1050		10.3/1100		8/1050		10.3/1100		11.9/900	
Motor Type/H.p.	PSC/β ₄		PSC/ ¹ / ₃		PSC/ ¹ / ₃		PSC/ ¹ / ₃		PSC/ ¹ / ₂		PSC/ ¹ / ₂		PSC/β ₄	
Cap. Mfd/Volts	10/370		5/370		5/370		5/370		5/370		5/370		5/370	
Filter Type	Washable		Washable		Washable		Washable		Washable		Washable		Washable	
Filter Size (")	16x25x1 (2)		16x18x1 (2)		16x18x1 (2)		16x18x1 (2)		16x18x1 (2)		16x18x1 (2)		16x18x1 (2)	
Min. Cool Cap. (Tons)	3		1.5		1.5		3		2		3		3	
Max. Cool Cap. (Tons)	5		3		3		4		3.5		5		5	

CIRCULATION AIR BLOWER DATA

NTC6050FB/GNE050B12, NTN6050FB/NNE050B12, NTC6075FB/GNE075B12& NTN6075FB/NNE075B12

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	675	859	--	1015	1306		.10	318	405	--	479	616
	.20	662	846	--	999	1268		.20	312	399	--	472	598
	.30	651	819	--	977	1324		.30	307	387	--	461	625
	.40	636	795	--	952	1193		.40	300	375	--	449	563
	.50	608	765	--	914	1133		.50	287	361	--	431	535
	.60	564	735	--	870	1056		.60	266	347	--	411	498
	.70	514	685	--	818	980		.70	243	323	--	386	463

NTC6075HF/GNE075F16 & NTN6075HF/NNE075F16

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	1503	1722	--	--	1887		.10	709	812	--	--	891
	.20	1460	1660	--	--	1810		.20	689	784	--	--	854
	.30	1420	1608	--	--	1752		.30	670	759	--	--	827
	.40	1370	1540	--	--	1670		.40	647	727	--	--	788
	.50	1318	1484	--	--	1599		.50	622	700	--	--	755
	.60	1250	1400	--	--	1520		.60	590	661	--	--	717
	.70	1182	1322	--	--	1425		.70	558	624	--	--	673

NTC6100GF/GNE100F14

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

NTC6100KF/GNE100F20 & NTN6100KF/NNE100F20

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	1278	1546	--	1822	2302
	.20	1264	1543	--	1784	2731
	.30	1244	1499	--	1737	2171
	.40	1212	1471	--	1683	2098
	.50	1185	1417	--	1641	2012
	.60	1178	1367	--	1574	1921
	.70	1119	1304	--	1495	1826

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	603	730	--	860	1087
	.20	597	728	--	842	1289
	.30	587	708	--	820	1025
	.40	572	694	--	794	990
	.50	559	669	--	775	950
	.60	556	645	--	743	907
	.70	528	615	--	706	862

NTC6100KJ/GNE100J20 & NTC6100KJ/GNE100J20

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

NTC6125KJ/GNE125J20 & NTC6125KJ/GNE125J20

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

NTC6150KJ/GNE150J20

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

NDN6050FB/GDE050B12 & NDN6075FB/GDE075B12

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

NDN6075HF/GDE075F16F

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	1512	--	1669	--	1840
	.20	1460	--	1610	--	1780
	.30	1402	--	1559	--	1711
	.40	1360	--	1499	--	1640
	.50	2191	--	1439	--	1572
	.60	1230	--	1360	--	1480
	.70	1171	--	1270	--	1391

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	714	--	788	--	868
	.20	689	--	760	--	840
	.30	662	--	736	--	808
	.40	642	--	708	--	774
	.50	609	--	679	--	742
	.60	581	--	642	--	699
	.70	553	--	603	--	657

NDN6100GF/GDE100F14

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

NDN6100KF/GDE100F20

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	1305	1495	--	1805	2141
	.20	1258	1475	--	1743	2064
	.30	1241	1424	--	1698	1981
	.40	1227	1383	--	1636	1902
	.50	1178	1343	--	1563	1818
	.60	1103	1279	--	1491	1740
	.70	1029	1185	--	1390	1644

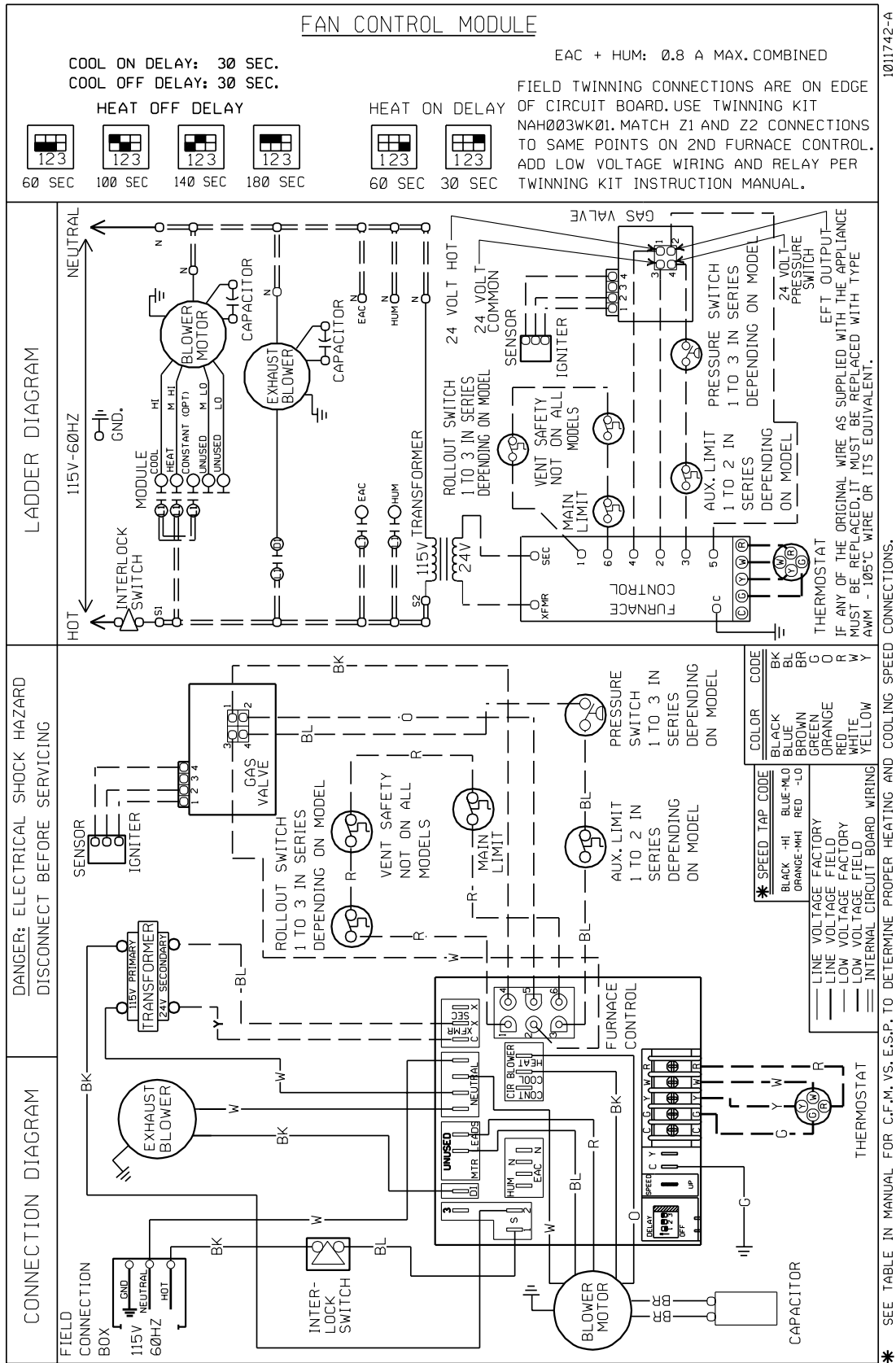
External Static Pressure Inches of W.C.	Air Delivery in Liters Per Second (L/S) (Furnace Rated @0.5" WC ESP)					
	TAP	LOW	MED L	MED	MED H	HIGH
	.10	616	706	--	852	1011
	.20	594	688	--	823	974
	.30	586	672	--	801	935
	.40	579	653	--	772	898
	.50	556	634	--	738	858
	.60	521	604	--	704	821
	.70	486	559	--	656	776

NDN6125KJ/GDE125J20

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

1. Wiring Diagram



* SEE TABLE IN MANUAL FOR C.F.M. VS. E.S.P. TO DETERMINE PROPER HEATING AND COOLING SPEED CONNECTIONS. 1011742-A

2. NTC6/GNE & NTN6/NNE



Replacement Parts - NTC6/GNE (Natural Gas)

Models - NTC6050FBG1, NTC6075FBG1, NTC6075HFG1, NTC6100GFG1, NTC6100KFG1, NTC6100KJG1, NTC6125KJG1, NTC6150KJG1: GNE050B12G1, GNE075B12G1, GNE075F16G1, GNE100F14G1, GNE100F20G1, GNE100J20G1, GNE125J20G1 & GNE150J20G1

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

Key No.	Functional Description	Part Number	NTC6/GNE							
			050FBG1/ 050B12G1	075FBG1/ 075B12G1	075HFG1/ 075F16G1	100GFG1/ 100F14G1	100KFG1/ 100F20G1	100KJG1/ 100J20G1	125KJG1/ 125J20G1	150KJG1/ 150J20G1
1	Heat Exchanger	1011544	1	-	-	-	-	-	-	-
		1012406	-	1	-	-	-	-	-	-
		1012407	-	-	1	-	-	-	-	-
		1011364	-	-	-	1	1	-	-	-
		1011363	-	-	-	-	-	1	-	-
		1012408	-	-	-	-	-	-	1	-
		1011366	-	-	-	-	-	-	-	1
2	Blower Wheel 10-10DD	601210	-	-	1	1	-	-	-	-
	10-8DD	600587	1	1	-	-	-	-	-	-
	11-10DD	1011420	-	-	-	-	1	1	1	-
	12-12DD	1011433	-	-	-	-	-	-	-	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 1/2 HP	1013341	-	-	-	1	-	-	-	-
	115V 3/4 HP	1011404	-	-	-	-	-	1	1	1
	115V 3/4 HP	1010263	-	-	-	-	1	-	-	-
5	Motor Mount Kit	609227	1	1	1	1	-	-	-	-
		522020024	-	-	-	-	1	1	1	-
		1002804	-	-	-	-	-	-	-	1
6	Control, Fan Timer	1011927	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	1
	5mf 370V	1094954	1	1	-	-	-	-	-	-
	7.5mf 370V	1094239	-	-	-	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	-
		1013066	-	-	-	-	-	-	-	1
11	Pilot, Natural & LP	1008731	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	6
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	-
		1011462	-	-	-	-	-	-	-	1
16	Valve, Natural & LP	1011421	1	1	1	1	1	1	1	1
17	Switch, Limit 270°F	1320365	1	-	-	1	-	-	-	-
	145°F	1320363	-	-	-	-	1	-	-	-
	130°F	1320364	-	-	-	-	-	1	-	-
	150°F	1320362	-	-	-	-	-	-	-	1
	250°F	1009169	-	1	1	-	-	-	-	-
	140°F	1008445	-	-	-	-	-	-	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	1005549	2	2	2	2	2	2	2	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	-
		2480908	-	-	-	-	-	-	-	2
23	Heat Exchanger Frt Partition	1008068	1	-	-	-	-	-	-	-
		1008072	-	-	-	1	1	-	-	-
		1008071	-	-	-	-	-	1	-	-
		1008074	-	-	-	-	-	-	-	1
		1012409	-	1	-	-	-	-	-	-
		1012410	-	-	1	-	-	-	1	-
		1012411	-	-	-	-	-	-	-	-
28	Ignitor/Sensor with clip	1009524	1	1	1	1	1	1	1	1

Replacement Parts - NTC6/GNE (Natural Gas)

Models - NTC6050FBG1, NTC6075FBG1, NTC6075HFG1, NTC6100GFG1, NTC6100KFG1, NTC6100KJG1, NTC6125KJG1, NTC6150KJG1: GNE050B12G1, GNE075B12G1, GNE075F16G1, GNE100F14G1, GNE100F20G1, GNE100J20G1, GNE125J20G1 & GNE150J20G1

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

Key No.	Non-Functional Description	Part Number	NTC6/GNE							
			050FBG1/ 050B12G1	075FBG1/ 075B12G1	075HFG1/ 075F16G1	100GFG1/ 100F14G1	100KFG1/ 100F20G1	100KJG1/ 100J20G1	125KJG1/ 125J20G1	150KJG1/ 150J20G1
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
		1011045	1	-	-	-	-	-	-	-
E	Collector	1011048	-	1	1	-	-	-	-	-
		1011052	-	-	-	1	1	1	-	-
		1011055	-	-	-	-	-	-	1	-
		1011057	-	-	-	-	-	-	-	1
F	Gasket, Combustion Blower	1011379	1	1	1	1	1	1	1	1
H	Door, Louvered NTC6 only	1013331	1	1	-	-	-	-	-	-
		1013332	-	-	1	1	1	-	-	-
		1013333	-	-	-	-	-	1	1	1
		1013325	1	1	-	-	-	-	-	-
		1013326	-	-	1	1	1	-	-	-
		1013327	-	-	-	-	-	1	1	1
J	Door, Blower	1013303	1	1	-	-	-	-	-	-
		1013304	-	-	1	1	1	-	-	-
		1013305	-	-	-	-	-	1	1	1
		1010901	1	1	1	1	1	1	1	1
O	Manifold Support Bracket	1011450	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	-
		1013130	-	-	-	-	-	-	-	1
X	Blower Cutoff	721020008	-	-	1	1	1	1	1	-
		721020013	1	1	-	-	-	-	-	-
		721020015	-	-	-	-	-	-	-	1
Y	Blower Hanger	1010690	2	2	2	2	2	2	2	-
		1011921	-	-	-	-	-	-	-	2
AA	Strap Capacitor	1095020	1	1	1	1	1	1	1	1
BB	Rail, Blower Slide	57059	2	2	2	2	2	2	2	2
NN	Partition, Blower	1013456	1	1	-	-	-	-	-	-
		1013457	-	-	1	1	1	-	-	-
		1013461	-	-	-	-	-	1	1	-
		1013458	-	-	-	-	-	-	-	1
OO	Baffle, Burner Box	1011454	1	1	1	-	-	-	-	-
		1011455	-	-	-	1	1	1	-	-
		1011456	-	-	-	-	-	-	1	-
		1011457	-	-	-	-	-	-	-	1
PP	Top, Burner Box	1011768	1	1	1	-	-	-	-	-
		1011769	-	-	-	1	1	1	-	-
		1011770	-	-	-	-	-	-	1	-
		1011771	-	-	-	-	-	-	-	1
QQ	Cover, Burner Box	1011469	1	1	1	-	-	-	-	-
		1011470	-	-	-	1	1	1	-	-
		1011471	-	-	-	-	-	-	1	-
		1011472	-	-	-	-	-	-	-	1
RR	Sightglass	1011781	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
)	Fuse	1083348	1	1	1	1	1	1	1	1
)	Manual, Homeowners	44102200105	1	1	1	1	1	1	1	1
)	Manual, Installation	44101230801	1	1	1	1	1	1	1	1
)	Manual, Tech Support	44103231000	1	1	1	1	1	1	1	1

Replacement Parts - NTN6/NEE (Natural Gas)

Models - NTN6050FBG1, NTN6075FBG1, NTN6075HFG1, NTN6100KFG1, NTN6100KJG1, NTN6125KJG1:
 NNE050B12G1, NNE075B12G1, NNE075F16G1, NNE100F20G1, NNE100J20G1 & NNE125J20G1

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

Key No.	Functional Description	Part Number	NTN6/NEE					
			050FBG1/ 050B12G1	075FBG1/ 075B12G1	075HFG1/ 075F16G1	100KFG1/ 100F20G1	100KJG1/ 100J20G1	125KJG1/ 125J20G1
1	Heat Exchanger	1011544	1	-	-	-	-	-
		1011364	-	-	-	1	-	-
		1011363	-	-	-	-	1	-
		1012406	-	1	-	-	-	-
		1012407	-	-	1	-	-	-
		1012408	-	-	-	-	-	1
2	Blower Wheel 10-10DD	601210	-	-	1	-	-	-
	10-8DD	600587	1	1	-	-	-	-
	11-10DD	1011420	-	-	-	1	1	1
3	Switch, Auxiliary Limit	1000735	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	-	-
5	Motor Mount Kit	609227	1	1	1	-	-	-
		522020024	-	-	-	1	1	1
6	Control, Fan Timer	1011927	1	1	1	1	1	1
7	Transformer, 40VA	1012722	1	1	1	1	1	1
8	Capacitor 10mf 370V	1094956	-	-	1	1	1	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	1008731	1	1	1	1	1	1
12	Pilot Orifice, 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 & LP	1011421	1	1	1	1	1	1
17	Switch, Limit 270°F	1320365	1	-	-	-	-	-
	145°F	1320363	-	-	-	1	-	-
	130°F	1320364	-	-	-	-	1	-
	250°F	1009169	-	1	1	-	-	-
	140°F	1008445	-	-	-	-	-	1
18	Tubing, Silicone 24"	2971255	1	1	1	1	1	1
19	Combustion Blower Assembly	1010975	1	1	1	1	1	1
20	Rollout Switch, Limit	1005549	2	2	2	2	2	2
21	Switch, Pressure	1010898	1	1	1	1	1	1
22	Heat Exchanger Gaskets	2480904	2	-	-	-	-	-
		2480905	-	2	2	-	-	-
		2480906	-	-	-	2	2	-
		2480907	-	-	-	-	-	2
23	Heat Exchanger Front Partition	1008068	1	-	-	-	-	-
		1012409	-	1	-	-	-	-
		1012410	-	-	1	-	-	-
		1008072	-	-	-	1	-	-
		1008071	-	-	-	-	1	-
		1012411	-	-	-	-	-	1
28	Ignitor/Sensor with clip	1009524	1	1	1	1	1	1

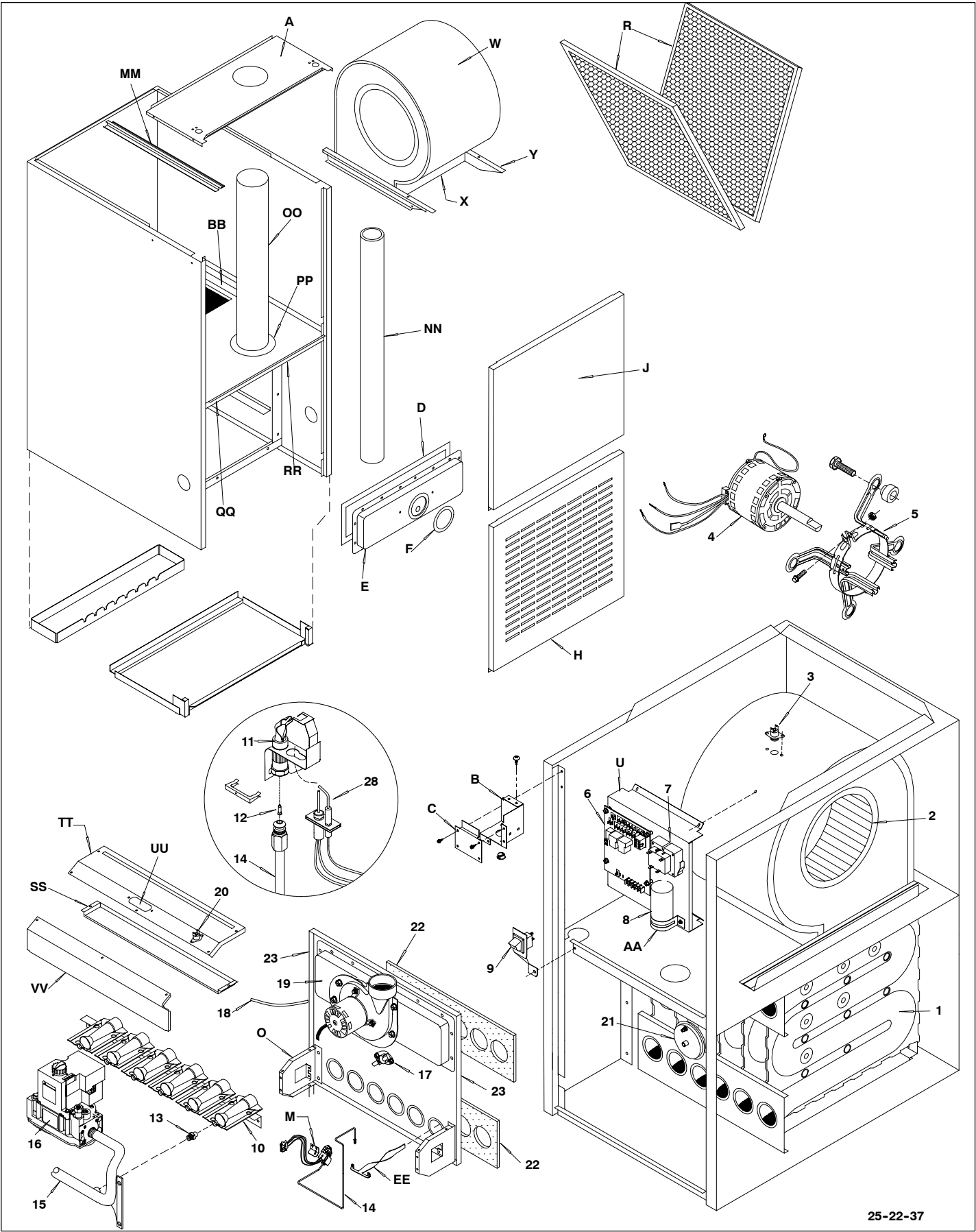
Replacement Parts - NTN6/NEE (Natural Gas)

Models - NTN6050FBG1, NTN6075FBG1, NTN6075HFG1, NTN6100KFG1, NTN6100KJG1, NTN6125KJG1:
 NNE050B12G1, NNE075B12G1, NNE075F16G1, NNE100F20G1, NNE100J20G1 & NNE125J20G1

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

Key No.	Non-Functional Description	Part Number	NTN6/NEE					
			050FBG1/ 050B12G1	075FBG1/ 075B12G1	075HFG1/ 075F16G1	100KFG1/ 100F20G1	100KJG1/ 100J20G1	125KJG1/ 125J20G1
A	Top	1013295	1	1	-	-	-	-
		1013296	-	-	1	-	-	-
		1013297	-	-	-	1	-	-
		1013298	-	-	-	-	1	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
F	Gasket, Combustion Blower	1011379	1	1	1	1	1	1
H	Door, Louvered	1013331	1	1	-	-	-	-
		1013332	-	-	1	1	-	-
		1013333	-	-	-	-	1	1
J	Door, Blower	1013303	1	1	-	-	-	-
		1013304	-	-	1	1	-	-
		1013305	-	-	-	-	1	1
M	Bracket, Pilot	1010901	1	1	1	1	1	1
O	Manifold Support Bracket	1011450	2	2	2	2	2	2
U	Fan Timer Bracket	1012321	1	1	1	1	1	1
W	Blower Housing	1013131	1	1	-	-	-	-
		1013132	-	-	1	-	-	-
		1013128	-	-	-	1	1	1
X	Blower Cutoff	721020008	-	-	1	1	1	1
		721020013	1	1	-	-	-	-
Y	Blower Hanger	1010690	2	2	2	2	2	2
AA	Strap Capacitor	1095020	1	1	1	1	1	1
BB	Rail, Blower Slide	57059	2	2	2	2	2	2
EE	Baffle, NOx	1009876	2	3	3	4	4	5
NN	Partition, Blower	1013456	1	1	-	-	-	-
		1013457	-	-	1	1	-	-
		1013461	-	-	-	-	1	1
OO	Baffle, Burner Box	1011454	1	1	1	-	-	-
		1011455	-	-	-	1	1	-
		1011456	-	-	-	-	-	1
PP	Top, Burner Box	1011768	1	1	1	-	-	-
		1011769	-	-	-	1	1	-
		1011770	-	-	-	-	-	1
QQ	Cover, Burner Box	1011469	1	1	1	-	-	-
		1011470	-	-	-	1	1	-
		1011471	-	-	-	-	-	1
RR	Sightglass	1011781	1	1	1	1	1	1
) (	PART NOT ILLUSTRATED							
) (	Wire Harness Asy. Low Volt	1011861	1	1	1	1	1	1
) (	Fuse (5 Amp.)	1083348	1	1	1	1	1	1
) (	Manual, Homeowners	44102200105	1	1	1	1	1	1
) (	Manual, Installation	44101230801	1	1	1	1	1	1
) (	Manual, Tech Support	44103231000	1	1	1	1	1	1

3. NDN6/GDE



25-22-37

Replacement Parts - NDN6/GDE

Models – NDN6050FBG1, NDN6075FBG1, NDN6075HFG1, NDN6100GFG1, NDN6100KFG1, NDN6125KJG1
GDE050B12G1, GDE075B12G1, GDE075F16G1, GDE100F14G1, GDE100F20G1, GDE125J20G1

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

Key No.	Description Functional	Part Number	NDN6/GDE					
			050FBG1/ 050B12G1	075FBG1/ 075B12G1	075HFG1/ 075F16G1	100GFG1/ 100F14G1	100KFG1/ 100F20G1	125KJG1/ 125J20G1
1	Heat Exch Assembly	1011544	1	-	-	-	-	-
		1011364	-	-	-	1	1	-
		1012406	-	1	-	-	-	-
		1012407	-	-	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	1012513	-	-	-	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
7	Transformer, 40VA	1011626	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	1008723	1	-	-	-	-	-
		1008724	-	1	1	-	-	-
		1008725	-	-	-	1	1	-
		1008726	-	-	-	-	-	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.	1011351	2	3	3	4	4	5
	Orifice, #54, LP *	1011376	2	3	3	4	4	5
14	Tube, Pilot	64930	1	1	1	1	1	1
15	Manifold	1011458	1	-	-	-	-	-
		1011459	-	1	1	-	-	-
		1011460	-	-	-	1	1	-
		1011461	-	-	-	-	-	1
16	Valve, Natural + LP	1011421	1	1	1	1	1	1
17	Switch, Limit 210°F	34335001	1	-	-	-	-	-
	195°F	1320366	-	-	1	1	-	-
	160°F	1320363	-	-	-	-	1	-
	150°F	1320367	-	1	-	-	-	-
		1065638	-	-	-	-	-	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	2	-
		2480907	-	-	-	-	-	2
23	Partition, Front Ht Exchanger	1008068	1	-	-	-	-	-
		1008072	-	-	-	1	1	-
		1012409	-	1	-	-	-	-
		1012410	-	-	1	-	-	-
		1012411	-	-	-	-	-	1
28	Ignitor/Sensor with clip	1009524	1	1	1	1	1	1

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

Replacement Parts - NDN6/GDE

Models – NDN6050FBG1, NDN6075FBG1, NDN6075HFG1, NDN6100GFG1, NDN6100KFG1, NDN6125KJG1
GDE050B12G1, GDE075B12G1, GDE075F16G1, GDE100F14G1, GDE100F20G1, GDE125J20G1

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

Key No.	Description Non-Functional	Part Number	NDN6/GDE					
			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
F	Gasket, Combustion Blwr	1011379	1	1	1	1	1	1
H	Door, Louvered	1013334	1	1	-	-	-	-
		1013335	-	-	1	1	1	-
		101336	-	-	-	-	-	1
J	Door, Blower	1013310	1	1	-	-	-	-
		1013311	-	-	1	1	1	-
		1013312	-	-	-	-	-	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
W	Blower Housing	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
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	Baffle, Burner Box	1011454	1	1	1	-	-	-
		1011455	-	-	-	1	1	-
		1011456	-	-	-	-	-	1
TT	Top, Burner Box	1011772	1	1	1	-	-	-
		1011773	-	-	-	1	1	-
		1011774	-	-	-	-	-	1
UU	Sightglass	1011781	1	1	1	1	1	1
VV	Cover, Burner Box	1011469	1	1	1	-	-	-
		1011470	-	-	-	1	1	-
		1011471	-	-	-	-	-	1
) (	PART NOT ILLUSTRATED							
) (	Wire Harness Asy.	1012203	1	1	1	1	1	1
) (	Fuse	1083348	1	1	1	1	1	1
) (	Manual, Homeowners	44102200105	1	1	1	1	1	1
) (	Manual, Installation	44101230801	1	1	1	1	1	1
) (	Manual, Tech Support	44103231000	1	1	1	1	1	1