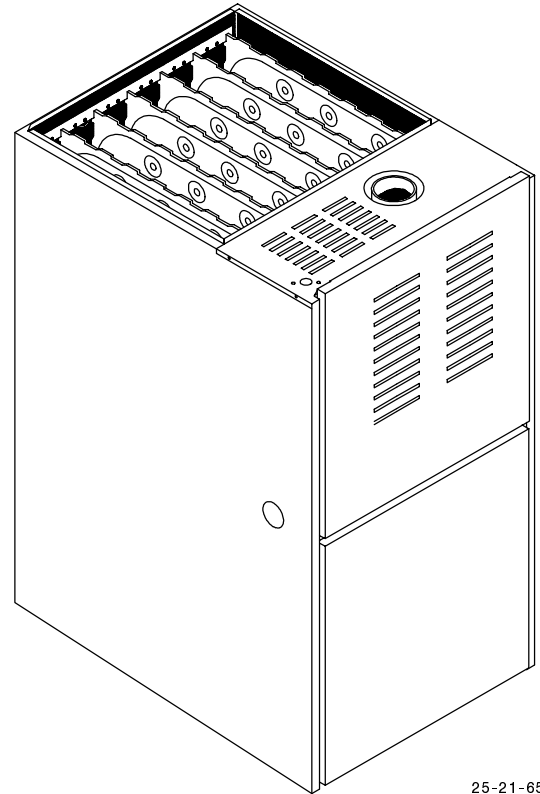


Features

- 80% AFUE efficiency range.
- Hot surface pilot ignition device.
- Induced draft combustion blower.
- Adjustable electronic fan control with low speed continuous fan feature provides maximum comfort.
- Four pass, non-welded, aluminized steel.
- Category I venting only in accordance with installation instructions and local codes.
- In-shot monoport burner.
- Multispeed, prelubricated PSC motors. Dynamically balanced.
- Resilient mounted motors to reduce vibration and noise.
- Entire blower assembly mounted on rails for easy service.
- 40VA transformer.
- Color coded wiring harness.
- Terminal board allows easy selection of motor speeds.
- Electronic air cleaner and humidifier connections provided.
- Factory pre-wired.
- Architectural stone prepainted cabinet.
- Fully insulated cabinet.
- Flame sensor constantly monitors flame. Provides 100% gas shut off if flame is not sensed.
- Redundant gas valve.
- High temperature limit control.
- Flue blockage pressure switch.
- Blower door interlock switch prevents furnace operation if door is removed.
- May be installed as an upflow furnace or as a horizontal left or right furnace.
- Compact 40" design.
- Convertible to (LP) Propane Gas.
- 0" clearances on sides and back.
- Filters and filter rack standard.
- Twinning kit available to operate two furnaces in tandem.



25-21-65

**MANUFACTURED FOR NATURAL GAS
CONVERTIBLE TO (LP) PROPANE GAS**

NOTE: These furnaces are not designed for installation in a corrosive atmosphere, containing Chlorine, Fluorine, or any other damaging chemicals.

WARNING

This furnace is not designed for use inside mobile homes, trailers, or recreational vehicles. Such use could result in property damage, bodily injury, and/or death.

FURNACE SPECIFICATIONS UPFLOW HORIZONTAL

Model Number	NATURAL GAS	GNE050V12A	GNE075V12A	GNE100V14A	GNE125V20A	GNE150V20A
INPUT btuh (kw)		50,000 (14.6)	75,000 (21.9)	100,000 (29.3)	125,000 (36.6)	150,000 (43.9)
HTG. CAP. btuh (kw)		40,000 (11.7)	59,000 (17.3)	79,000 (23.1)	99,000 (29.0)	120,000 (35.1)
AFUE % (ICS)		80.0%	80.0%	80.0%	80.0%	80.0%
TEMP. RISE deg. F (deg. C)		35 – 65 (19.4 – 36.1)	35 – 65 (19.4 – 36.1)	45 – 75 (25 – 41.1)	40 – 70 (27.2 – 33)	45 – 75 (25 – 41.1)
VOLTS/PH/Hz		220/1/50	220/1/50	220/1/50	220/1/50	220/1/50
F.L.A.		9	9	7	15	15
TRANSFORMER (V.A.)		40	40	40	40	40
GAS PIPE SIZE in (mm)		1/2 (12.7)	1/2 (12.7)	1/2 (12.7)	1/2 (12.7)	1/2 (12.7)
CATEGORY I VENT SIZE in (mm)		3" (76.2)	4" (101.6)	4" (101.6)	5" (127)	5" (127)
FILTER SIZE in (mm)		14 x 25 x 1 (356 x 635 x 25.4)	14 x 25 x 1 (356 x 635 x 25.4)	16 x 25 x 1 (406 x 635 x 25.4)	20 x 25 x 1 (508 x 635 x 25.4)	20 x 25 x 1 (508 x 635 x 25.4)
SHIPPING WEIGHT LBS. (kg)		127 (56.3)	129 (58.5)	159 (72.1)	177 (80.2)	179 (81.2)

BLOWER PERFORMANCE

Model Number	NATURAL GAS	GNE050V12A	GNE075V12A	GNE100V14A	GNE125V20A	GNE150V20A
BLOWER TYPE AND SIZE		10 x 8	10 x 8	10 x 10	11 x 10	11 x 12
MOTOR H.P. (TYPE) (kw)		1/3 (.25)	1/3 (.25)	1/3 (.25)	3/4 (.56)	3/4 (.56)
MOTOR SPEEDS		4	4	4	4	4

AIRFLOW DATA CFM (L/S)

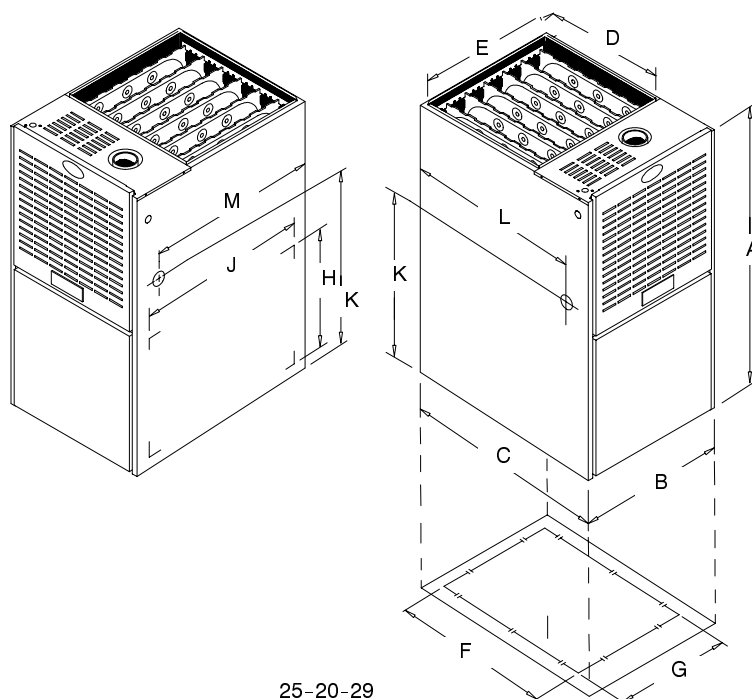
.10 ESP IN. W.C. (24.9 Pa)	LOW	696 (1183)	696 (1183)	1051 (1787)	1107 (1882)	1107 (1882)
	MEDIUM LOW	841 (1430)	841 (1430)	1148 (1952)	1278 (2173)	1278 (2173)
	MEDIUM HIGH	1056 (1795)	1056 (1795)	1337 (2273)	1528 (2598)	1528 (2598)
	HIGH	1286 (2186)	1286 (2186)	1616 (2747)	2017 (3429)	2017 (3429)
.20 ESP IN. W.C. (49.3 Pa)	LOW	677 (1151)	677 (1151)	1019 (1732)	1054 (1792)	1054 (1792)
	MEDIUM LOW	827 (1406)	827 (1406)	1106 (1880)	1244 (2115)	1244 (2115)
	MEDIUM HIGH	1026 (1744)	1026 (1744)	1296 (2203)	1487 (2528)	1487 (2528)
	HIGH	1234 (2098)	1234 (2098)	1578 (2683)	1963 (3337)	1963 (3337)
.30 ESP IN. W.C. (74.4 Pa)	LOW	651 (1107)	651 (1107)	1000 (1700)	1009 (1715)	1009 (1715)
	MEDIUM LOW	803 (1365)	803 (1365)	1073 (1824)	1212 (2060)	1212 (2060)
	MEDIUM HIGH	984 (1673)	984 (1673)	1266 (2152)	1458 (2479)	1458 (2479)
	HIGH	1241 (2110)	1241 (2110)	1573 (2674)	1919 (3262)	1919 (3262)
.40 ESP IN. W.C. (99.6 Pa)	LOW	622 (1057)	622 (1057)	966 (1642)	979 (1664)	979 (1664)
	MEDIUM LOW	778 (1323)	778 (1323)	1034 (1758)	1174 (1996)	1174 (1996)
	MEDIUM HIGH	960 (1632)	960 (1632)	1228 (2088)	1432 (2434)	1432 (2434)
	HIGH	1201 (2042)	1201 (2042)	1548 (2632)	1900 (3230)	1900 (3230)
.50 ESP IN. W.C. (124.5 Pa)	LOW	601 (1022)	601 (1022)	912 (1550)	958 (1629)	958 (1629)
	MEDIUM LOW	752 (1278)	752 (1278)	990 (1683)	1148 (1952)	1148 (1952)
	MEDIUM HIGH	930 (1581)	930 (1581)	1191 (2025)	1394 (2370)	1394 (2370)
	HIGH	1163 (1799)	1163 (1799)	1520 (2584)	1861 (3164)	1861 (3164)
.60 ESP IN. W.C. (149.4 Pa)	LOW	--	--	841 (1430)	931 (1538)	931 (1538)
	MEDIUM LOW	719 (1222)	719 (1222)	949 (1613)	1118 (1901)	1118 (1901)
	MEDIUM HIGH	896 (1523)	896 (1523)	1151 (1957)	1356 (2305)	1356 (2305)
	HIGH	1099 (1868)	1099 (1868)	1491 (2535)	1823 (3099)	1823 (3099)
.70 ESP IN. W.C. (174.3 Pa)	LOW	--	--	793 (1348)	903 (1535)	903 (1535)
	MEDIUM LOW	716 (1217)	716 (1217)	912 (1550)	1090 (1853)	1090 (1853)
	MEDIUM HIGH	856 (1455)	856 (1455)	1094 (1860)	1326 (2254)	1326 (2254)
	HIGH	1062 (1805)	1062 (1805)	1432 (2434)	1778 (3023)	1778 (3023)

1. Application of GNE125V20A, & GNE150V20A above 1650 CFM (L/S) requires two side returns or bottom return.

MODEL NUMBER IDENTIFICATION GUIDE

MODEL NUMBER	G	N	E	050	V	12	A
PRODUCT GROUP							MARKETING REVISION
G = Gas							NOMINAL AIR FLOW (Cfm)
FUEL							8 = 800 16 = 1600
C = Downflow / Horizontal							12 = 1200 18 = 1800
D = Downflow							14 = 1400 20 = 2000
H = Horizontal							220V-1-50 Hz
SERIES							NOMINAL INPUT MBTUH

UNIT DIMENSIONS



Unit is designed for bottom return or side return.
Return air through back of unit is NOT allowed.

Unit Dimensions	A	B	C	D	E	F	G	H	J	K	L	M
050V12 & 075V12	40 (1.02M)	15-1/2 (394)	28-1/2 (724)	18-1/2 (470)	14 (356)	23-1/8 (587)	12-5/8 (321)	12-1/4 (311)	22-1/2 (572)	28-1/4 (718)	26 (660)	23-7/8 (606)
100V14	40 (1.02M)	19-1/8 (486)	28-1/2 (724)	18-1/2 (470)	17-5/8 (448)	23-1/8 (587)	14-3/4 (375)	14-1/2 (368)	22-1/2 (572)	28-1/4 (718)	26 (660)	23-7/8 (606)
125V20 & 150V20	40 (1.02M)	22-3/4 (578)	28-1/2 (724)	18-1/2 (470)	21-1/4 (540)	23-1/8 (587)	18-3/4 (476)	14-1/2 (368)	22-1/2 (572)	28-1/4 (718)	26 (660)	23-7/8 (606)

ALL DIMENSIONS IN INCHES (mm)

ACCESSORIES

Furnace Model Number	Nat. To LP Kit	LP High Alt.	Twinning Kit	High Alt. Nat. Gas Kit	LP To Nat. Gas Kit	20x25 (520 x 635) Duct Stand-off with Filter	20x25 (520 x 635) Bottom Return Filter Kit
GNE050V12A GNE075V12A GNE100V14A	Included in furnace	*1160992	NAHA003WK	*1160993	NAHF002NG	NAHA001TK	NA
GNE125V20A GNE150V20A							NAHA002FF

* Service part number