



GE APPLIANCES

Product Specifications

NF80U*V**R**
80% 2 Stage Variable
Speed Gas Furnace



Contact GE Appliances at:

Homeowner: **GEAppliances.com**
HVAC Pro: **GEAppliancesAirandWater.com**
or
866.814.3633

Split System USAC and USHP matches:
AHRIDirectory.org

**READ CAREFULLY.
KEEP THESE INSTRUCTIONS.**

NF80U***V**R

PRODUCT SPECIFICATIONS

CONFIGURATIONS

- Upflow/Horizontal only

HEAT EXCHANGER DESIGN

- Crimped non-weld aluminized clam shell heat exchanger construction

CABINET DESIGN

- Compact 33" height
- Standardized widths for easy coil fit

AIR DELIVERY SYSTEM

- ECM Variable Speed Blower Motor
- Easily removable slide-out blower design

CONTROLS

- Two stage gas valve
- Integrated Furnace Control with Refrigerant Leak Detection capability. Sensors ordered separately.
- Thermostat flexibility: works with a conventional 24V T-Stat
- Self diagnostics saves last 5 fault codes regardless of power interruption

INSTALLATION FEATURES

- Left or right utility connections
- Removable floor base for bottom return air
- Zero step horizontal conversion

VENTING

- Rotatable draft inducer for venting flexibility

WARRANTY

See warranty document for details.

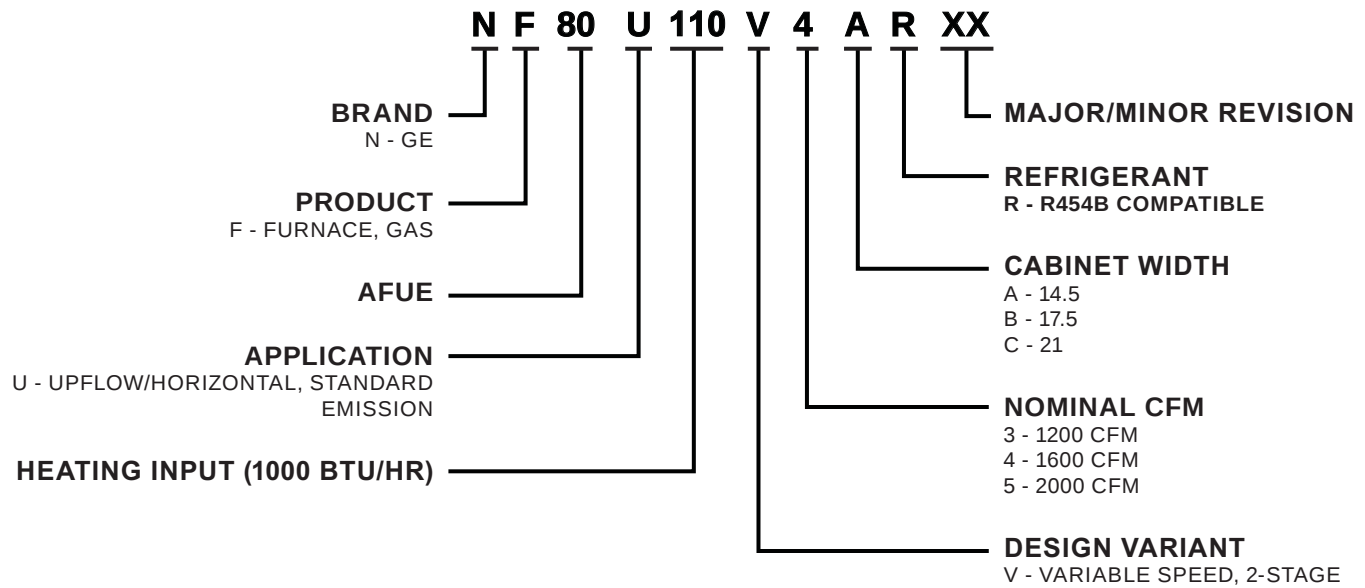
Note: Not for sale in Canada

California Only

These furnaces do not meet the South Coast Air Quality Management District (SCAQMD) Rule 1111 and San Joaquin Valley Air Pollution Control District (SJVAPCD) Rule 4905 NOx emission limit (14 NG/J) and cannot be installed within the SCAQMD and SJVAPCD areas.



MODEL NUMBER GUIDE



PHYSICAL AND ELECTRICAL DATA

	Model	Input (Btuh)	Output* (Btuh)	AFUE (ICS)	Nom. Cooling Capacity	Gas Inlet (in.)	Volts/ Hz/ Phase	Min. Time Delay Breaker or Fuse	Nominal F.L.A.	Trans. (V.A.)	Approx. Shipping Weight (lbs.)
UPFLOW / HORIZONTAL	NF80U070V3AR	66,000	52,000	80.0%	3 tons	1/2	120-60-1	15	7.7	40	128
	NF80U090V4BR	88,000	70,000	80.0%	4 tons	1/2	120-60-1	20	12.8	40	154
	NF80U110V5CR	110,000	87,000	80.0%	5 tons	1/2	120-60-1	20	12.8	40	181

Note: For vent length and clearances to combustibles, please reference installation instructions.

* Outputs shown are High Fire, 100% rate, Low Fire is 67% of shown output.

BLOWER PERFORMANCE DATA

				Bottom Return Air							
				Heating CFM @ 0 through 0.8" w.c.				Cooling CFM @ 0 through 1.0" w.c.			
Model	Motor Hp	Stage	Speed Adjustment*	Heat Setting D	Heat Setting C	Heat Setting B	Heat Setting A	Cool Setting D	Cool Setting C	Cool Setting B	Cool Setting A
NF80U070V3AR	1/2	2nd	Norm	715	900	934	1026	920	985	1105	1225
		1st	Norm	679	754	842	937	690	735	795	885
NF80U090V4BR	1	2nd	Norm	1013	1079	1130	1390	940	1200	1405	1600
		1st	Norm	926	996	1033	1271	600	810	960	1090

* Speed Adjustment (+) or (-) 10% by moving jumper from NORM.

				Bottom Return Air, Return Air from Both Sides or Return Air from Bottom and One Side							
				Heating CFM @ 0 through 0.8" w.c.				Cooling CFM @ 0 through 1.0" w.c.			
Model	Motor Hp	Stage	Speed Adjustment*	Heat Setting D	Heat Setting C	Heat Setting B	Heat Setting A	Cool Setting D	Cool Setting C	Cool Setting B	Cool Setting A
NF80U110V5CR	1/2	2nd	Norm	1288	1405	1489	1543	1401	1564	1714	1877
		1st	Norm	1178	1301	1361	1410	969	1075	1181	1336

* Speed Adjustment (+) or (-) 10% by moving jumper from NORM.

				Single Side Return Air							
				Heating CFM @ 0 through 0.8" w.c.				Cooling CFM @ 0 through 1.0" w.c.			
Model	Motor Hp	Stage	Speed Adjustment*	Heat Setting D	Heat Setting C	Heat Setting B	Heat Setting A	Cool Setting D	Cool Setting C	Cool Setting B	Cool Setting A
NF80U070V3AR	1/2	2nd	Norm	707	890	925	1013	926	1003	1104	1213
		1st	Norm	673	750	864	949	689	726	795	859
NF80U090V4BR	1	2nd	Norm	1013	1075	1130	1394	897	1158	1346	1499
		1st	Norm	926	996	1033	1271	571	778	930	1040
NF80U110V5CR	1	2nd	Norm	1277	1368	1447	1501	1375	1526	1687	1843
		1st	Norm	1169	1250	1323	1382	942	1048	1154	1277

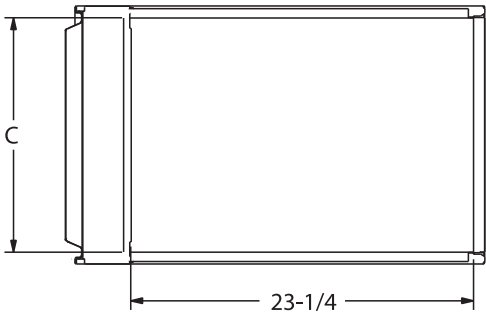
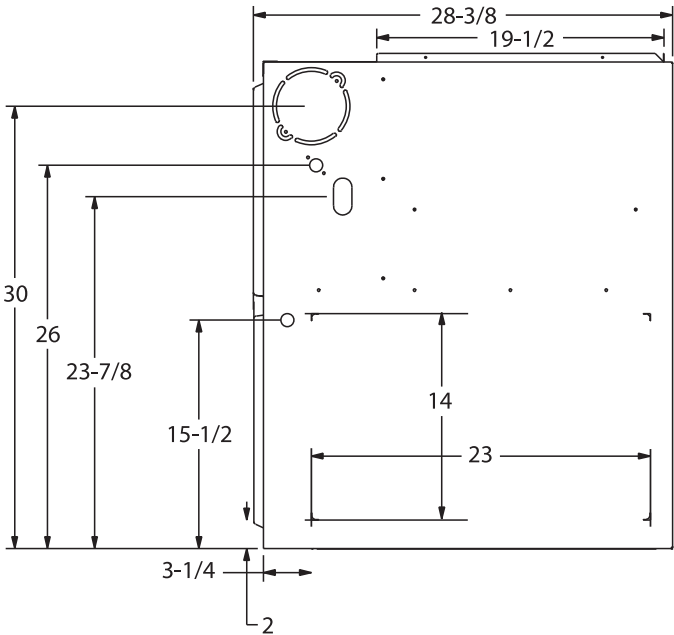
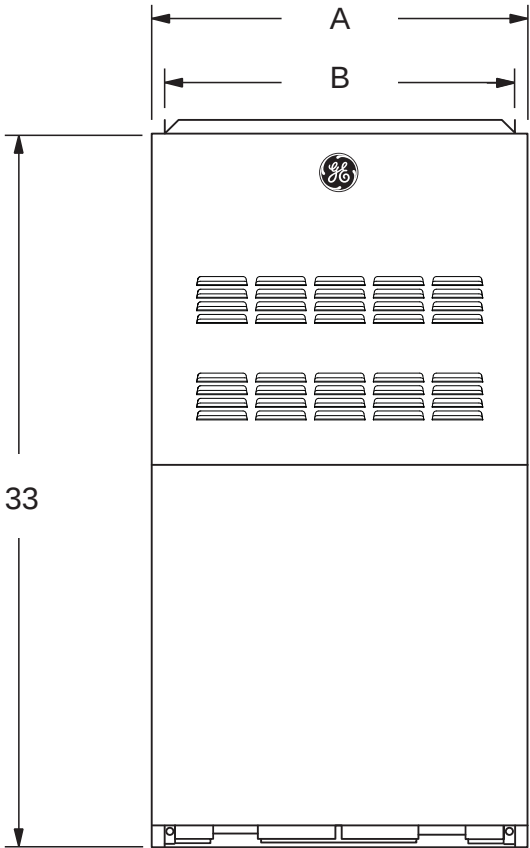
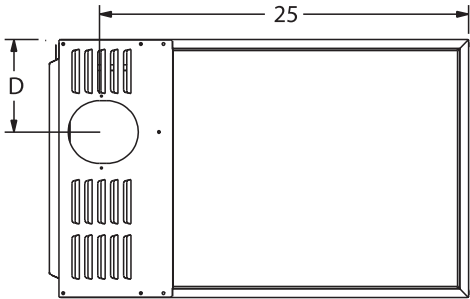
* Speed Adjustment (+) or (-) 10% by moving jumper from NORM.

				Side Return with Optional Return Air Base							
				Heating CFM @ 0 through 0.8" w.c.				Cooling CFM @ 0 through 1.0" w.c.			
Model	Motor Hp	Stage	Speed Adjustment*	Heat Setting D	Heat Setting C	Heat Setting B	Heat Setting A	Cool Setting D	Cool Setting C	Cool Setting B	Cool Setting A
NF80U070V3AR	1/2	2nd	Norm	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
		1st	Norm	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
NF80U090V4BR	1	2nd	Norm	1017	1079	1140	1390	904	1126	1347	1525
		1st	Norm	930	981	1045	1277	599	762	928	1045
NF80U110V5CR	1	2nd	Norm	1280	1367	1431	1505	1469	1536	1654	1813
		1st	Norm	1174	1252	1318	1385	1008	1038	1159	1307

* Speed Adjustment (+) or (-) 10% by moving jumper from NORM.

DIMENSIONS

	Model	A	B	C	D
UPFLOW / HORIZONTAL	NF80U070V3AR	14-1/2	13-3/8	13	4-3/4
	NF80U090V4BR	17-1/2	16-3/8	16	6-1/4
	NF80U110V5CR	21	19-7/8	19-1/2	8



ACCESSORY LIST

CATALOG NUMBER	DESCRIPTION
Return Air Base	
68W61	14.5", A Width
68W62	17.5", B Width
68W63	21.0", C Width

Note: For vent length and clearances to combustibles, please reference installation instructions.

		Natural Gas High Altitude Conversion Kit			Pressure Switch			LP High Alt. Conversion Kit		
MODEL NUMBER	Description	0-4500	4500-7500	7500-10,000	0-4500	4500-7500	7500-10,000	0-4500	4500-7500	7500-10,000
NF80U070V3AR	80% Upflow 2-Stage Variable Speed	Not Required		51W01	Not Required	NR	73W35	11K48		11K47
NF80U090V4BR						69W56				
NF080U110V5CR										

Refrigerant Detection System (Rds) Components

Description	Order No.
Refrigerant Detection System (RDS) Coil Sensor Kit	27V53



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