

CERTIFIED PRODUCT DIRECTORY



TAX CREDIT ELIGIBLE EQUIPMENT

GAS-FIRED FURNACES
95% AFUE or GREATER
OIL-FIRED FURNACES
90% AFUE or GREATER

Updated: April 27, 2009

*For a full listing of certified products
and their certified ratings, go to the:*

**AHRI DIRECTORY of CERTIFIED
PRODUCT PERFORMANCE** at
www.ahridirectory.org

AHRI Air-Conditioning,
Heating, and
Refrigeration Institute

On Feb. 17, 2009, President Obama signed The American Recovery and Reinvestment Act of 2009 that made some significant changes to federal income tax credits to consumers who make energy efficient home improvements such as installing qualifying furnaces, boilers and water heaters. The qualified equipment must be “placed in service” no earlier than January 1, 2009, and no later than December 31, 2010. The IRS defines “placed in service” as when the property (equipment) is ready and available for use. The specific criteria and corresponding tax credit are described below.

Qualifying Furnace and Boiler Criteria

Tax credits for up to 30 percent of the cost of the installed system are available for natural gas or propane furnaces that have an Annual Fuel Utilization Efficiency (AFUE) rating of 95% or higher, and oil furnaces and natural gas, propane or oil boilers with an Annual Fuel Utilization Efficiency (AFUE) rating of 90% or higher. The tax credits are capped at \$1,500 per homeowner for all combined improvements made in 2009 and 2010.

In addition, tax credits are available for gas or oil furnaces, regardless of their AFUE rating, which incorporate an advanced main air circulating fan. The tax credit can be obtained, if the advanced main air circulating fan has an annual estimated electricity consumption of no more than 2% of the total annual estimated energy use of the furnace (as determined by U.S. Department of Energy efficiency test procedures). It should be noted that current law does not clearly establish the amount of the credit that can be claimed by a taxpayer if a furnace incorporates an advanced main air circulating fan, and it is expected that the IRS will be providing guidance shortly.

Qualifying Water Heater Criteria

Tax credits for 30 percent of the cost of the installed system are available for residential gas, propane or oil water heaters with an Energy Factor (EF) rating of 0.82 or higher or Thermal Efficiency of 0.90 or higher. For residential electric heat pump water heaters with an EF rating of 2.0 or higher that same tax credit also is available. The tax credits are capped at \$1,500 per homeowner for all combined improvements made in 2009 and 2010.

For more information about the Energy Efficiency Tax Credits, please visit AHRI’s Web site at http://www.ahrinet.org/Content/FederalTaxCredits_896.aspx.

For more information about product terminology and ratings, consult AHRI’s online Directory of Certified Product Performance at www.ahridirectory.org.

Model Number	Configuration	Footnotes	Heat Cap		Eae		AFUE	
			Input MBTUH	PE Watts	MMBTU/yr	kWh/yr	Ef	%

ALLIED AIR ENTERPRISES, INC.

Trade Name(s): AIR EASE, Armstrong Air

NATURAL OR PROPANE GAS

NON-WEATHERIZED

G2D95CC040V12B*.*.*	D	1,3,4,7,10,11	40	38	60	106 e	33.8	95.0
G2D95CC060V14B*.*.*	D	1,3,4,7,10,11	60	57	60	134 e	51.8	95.0
G2D95CC080V16C*.*.*	D	1,3,4,7,10,11	80	76	96	191 e	67.3	95.0
G2D95CC080V20C*.*.*	D	1,3,4,7,10,11	80	76	96	191 e	67.3	95.0
G2D95CC100V20D*.*.*	D	1,3,4,7,10,11	100	95	96	214 e	83.9	95.0

Trade Name(s): Air-Ease, Armstrong Air

NATURAL OR PROPANE GAS

NON-WEATHERIZED

G2D95CT040V12B	U H	1,3,4,7,10,11	40	38	60	106 e	33.8	95.0
G2D95CT060V14B	U H	1,3,4,7,10,11	60	57	60	134 e	51.8	95.0
G2D95CT080V16C	U H	1,3,4,7,10,11	80	76	96	191 e	67.3	95.0
G2D95CT080V20C	U H	1,3,4,7,10,11	80	76	96	191 e	67.3	95.0
G2D95CT100V20C	U H	1,3,4,7,10,11	100	95	96	214 e	83.9	95.0

Trade Name(s): Aire-Flo, Armstrong Air, Concord, Ducane

NATURAL OR PROPANE GAS

NON-WEATHERIZED

CG95CC040V12B*.*.*	D	1,3,4,7,10	40	38	60	106 e	33.8	95.0
CG95TC040V12B*.*.*	U H	1,3,4,7,10	40	38	60	106 e	33.8	95.0
CG95CC060V14B*.*.*	D	1,3,4,7,10	60	57	60	134 e	51.8	95.0
CG95TC060V14B*.*.*	U H	1,3,4,7,10	60	57	60	134 e	51.8	95.0
CG95CC080V16C*.*.*	D	1,3,4,7,10	80	76	96	191 e	67.3	95.0
CG95TC080V16C*.*.*	U H	1,3,4,7,10	80	76	96	191 e	67.3	95.0
CG95CC080V20C*.*.*	D	1,3,4,7,10	80	76	96	191 e	67.3	95.0
CG95TC080V20C*.*.*	U H	1,3,4,7,10	80	76	96	191 e	67.3	95.0
CG95CC100V20D*.*.*	D	1,3,4,7,10	100	95	96	214 e	83.9	95.0
CG95TC100V20C*.*.*	U H	1,3,4,7,10	100	95	96	214 e	83.9	95.0

Additional Footnotes

- 7. Asterisks in model number can be replaced by any (or no) letter or digit.
- 10. Two-Stage input and variable speed circulating air blower.
- 11. Two-Stage input.

AMANA HEATING AND AIR CONDITIONING

Trade Name(s): Amana

NATURAL OR PROPANE GAS

NON-WEATHERIZED

AMV90453BX	U H	1,3,4,5,8,9,11	46	45	84	165 e	47.7	96.0
AMV90704CX	U H	1,3,4,5,8,9,11	69	67	86	275 e	64.0	95.5
AMV90905DX	U H	1,3,4,5,8,9,11	92	90	92	333 e	79.8	95.7
AMV91155DX	U H	1,3,4,5,8,9,11	115	109	90	397 e	95.4	95.8

Discontinued Models

NATURAL GAS

NON-WEATHERIZED

AMS950703BX*	U H	1,3,4,5,7,13	69	66	124	593	47.5	95.0
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NATURAL OR PROPANE GAS

NON-WEATHERIZED

AMS950453BX*	U H	1,3,4,5,7,13	46	44	124	332	31.7	95.0
AMS950704CX*	U H	1,3,4,5,8,12	69	66	127	489	47.5	95.0
AMS950905DX*	U H	1,3,4,5,8,12	92	89	125	944	79.6	95.0
AMS950904CX*	U H	1,3,4,5,7,13	92	89	126	984	79.0	95.0
AMS951155DX*	U H	1,3,4,5,7,13	115	110	132	1,122	95.5	95.0

Additional Footnotes

- 7. Suffix (*) may be a letter or number.
- 8. May be installed as Non-Direct Vent (optional).
- 9. Two-Stage input.
- 11. Variable speed, constant CFM blower
- 12. Suffix (*) may be a letter or number
- 13. May be installed as Non-Direct Vent (optional)

AMERICAN STANDARD HEATING & AIR CONDITIONING

Trade Name(s): Freedom 90 Single Stage

NATURAL OR PROPANE GAS

NON-WEATHERIZED

AUX1B040A9241A*	U H	1,3,4,5,8	40	38	75	346	33.7	95.0
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STANDARD FOOTNOTES:

- 1. Electronic Ignition
- 2. Electro-Mechanical Vent Damper(s) Specified By The Furnace Manufacturer
- 3. Power Combustion Or Power Vent
- 4. Condensing Type
- 5. Direct Vent (Includes Venting And Combustion Air Systems)

Model Number	Configuration	Footnotes	Heat Cap		Eae		AFUE	
			Input MBTUH	PE Watts	MMBTU/yr	kWh/yr	Ef	%

Trade Name(s): Freedom 95 3 Stage

NATURAL OR PROPANE GAS

NON-WEATHERIZED

AUH3B060ACV3VA	U H	1,3,4,5,9	60	57	50	206 e	48.0	95.0
ADH3B080ACV3VA	DH	1,3,4,5,8	80	74	110	304 e	63.0	95.0
AUH3B080ACV3VA	U H	1,3,4,5,8	80	75	70	246 e	64.0	95.0
AUH3C100ACV4VA	U H	1,3,4,5,8	100	94	70	531 e	94.0	95.0
ADH3C100ACV4VA	DH	1,3,4,5,8	100	95	100	500 e	94.0	95.0
AUH3D120ACV5VA	U H	1,3,4,5,9	120	114	70	487 e	110.0	95.0

Trade Name(s): Freedom 95 Comfort R

NATURAL OR PROPANE GAS

NON-WEATHERIZED

ADH2B060A9V3VA*	DH	1,3,4,5,9	60	58	75	210 e	48.0	95.0
AUH2B060A9V3VA*	U H	1,3,4,5,9	60	58	75	206 e	47.2	96.7
AUH2B080A9V3VA*	U H	1,3,4,5,9	80	76	75	289 e	63.7	95.0
ADH2B080A9V3VA*	DH	1,3,4,5,9	80	76	89	325 e	63.5	95.0
ADH2C100A9V4VA*	DH	1,3,4,5,9	100	95	89	481 e	95.6	95.0
AUH2C100A9V4VA*	U H	1,3,4,5,9	100	95	89	482 e	95.4	95.0
ADH2D120A9V5VA*	DH	1,3,4,5,9	120	114	100	532 e	111.4	95.0
AUH2D120A9V5VA*	U H	1,3,4,5,9	120	115	100	490 e	110.2	95.5

Additional Footnotes

- 8. The 12th character in the model number shall be a number from 0 to 9.
- 9. The 15th character may be a letter from A to Z.

BROAN, NORDYNE INC.

Trade Name(s): Broan

NATURAL OR PROPANE GAS

NON-WEATHERIZED

FG7TC 060*.*	U H	1,3,4,5,7,11	60	57	52	189 e	48.0	95.1
FG7TL 060*.*	D	1,3,4,5,7,11	60	57	52	189 e	48.0	95.1
FG6TE060*-VA	U H	1,3,4,5,7,11	60	58	78	245 e	47.9	95.1
FG7MQ 060*-VB	U H	1,3,4,5,9,11	60	58	91	253 e	47.2	97.0
FG7TC 080*.*	U H	1,3,4,5,7,11	80	76	52	214 e	65.1	95.1
FG7TL 080*.*	D	1,3,4,5,7,11	80	76	52	214 e	65.1	95.1
FG6TE080*-VB	U H	1,3,4,5,7,11	80	77	48	404 e	78.7	95.1
FG7MQ 080*-VC	U H	1,3,4,5,9,11	80	77	75	391 e	78.7	97.2
FG7TC 100*.*	U H	1,3,4,5,7,11	100	95	53	326 e	96.7	95.1
FG7TL 100*.*	D	1,3,4,5,7,11	100	95	53	326 e	96.7	95.1
FG6TE100*-VB	U H	1,3,4,5,7,11	100	96	39	336 e	95.7	95.1
FG7MQ 100*-VC	U H	1,3,4,5,9,11	100	97	89	370 e	92.8	97.4
FG7TC 120*.*	U H	1,3,4,5,7,11	120	114	41	442 e	113.4	95.1
FG6TE120*-VC	U H	1,3,4,5,7,11	120	116	49	349 e	112.5	95.1
FG7MQ 120*-VD	U H	1,3,4,5,9,11	120	116	67	593 e	105.7	97.0

Additional Footnotes

- 7. Eighth character may be (A, C, D, H, K, N, or X).
- 9. Ninth character may be (A, C, D, H, N, or X).
- 11. May have up to three character alpha-numeric suffix indicating feature variations

BRYANT HEATING & COOLING SYSTEMS

Trade Name(s): Bryant

NATURAL OR PROPANE GAS

NON-WEATHERIZED

359BAV036040**	D	1,3,4,5,18	40	30	38	142 e	32.2	95.0
359BAV036040***	H	1,3,4,5,18	40	30	38	142 e	32.2	95.0
359BAV036040xxx	D	1,3,4,5,23	40	30	38	142 e	32.2	95.0
359BAV036040xxx	H	1,3,4,5,23	40	30	38	142 e	32.2	95.0
355CAV042060**	U	1,3,4,5,15	60	56	14	147 e	48.7	95.0
359BAV036060**	D	1,3,4,5,18	60	58	39	184 e	48.4	95.0
359BAV036060***	H	1,3,4,5,18	60	58	39	184 e	48.4	95.0
359BAV036060xxx	D	1,3,4,5,23	60	58	39	184 e	48.4	95.0
359BAV036060xxx	H	1,3,4,5,23	60	58	39	184 e	48.4	95.0
PG9YAA036060*	U	1,3,4,5	60	58	113	696	48.4	95.0
355CAV060080**	U	1,3,4,5,16	80	74	12	225 e	63.6	95.0
355CAV042080**	U	1,3,4,5,15	80	74	14	197 e	64.5	95.0
359BAV060080***	D	1,3,4,5,18	80	77	47	336 e	79.9	95.0
359BAV060080***	H	1,3,4,5,18	80	77	47	336 e	79.9	95.0
359BAV060080xxx	D	1,3,4,5,23	80	77	47	336 e	79.9	95.0

6. Single Package Unit (Combination Heating/Cooling)

- # Rating Voluntarily Revised Since Last Directory
- * Rating Revised By Program Since Last Directory
- e Electrically Efficient Furnace

Model Number	Configuration	Footnotes	Heat Cap			Eae			AFUE		
			Input MBTUH	PE Watts	Ef MMBTU/yr	MBTUH	kWh/yr	MMBTU/yr	Input MBTUH	PE Watts	Ef MMBTU/yr
BRYANT HEATING & COOLING SYSTEMS											
Trade Name(s): Bryant											
<u>NATURAL OR PROPANE GAS</u>											
<u>NON-WEATHERIZED</u>											
359BAV060080xxx	H	1,3,4,5,23	80	77	47	336 e	79.9	95.0			
PG9YAA036080*	U	1,3,4,5	80	77	114	1,098	80.8	95.0			
PG9YAA048080**	H	1,3,4,5	80	77	115	1,246	80.2	95.0			
PG9YAA048080*	U	1,3,4,5	80	77	117	1,217	80.3	95.0			
355CAV060100**	H	1,3,4,5,15	100	93	15	238 e	80.5	95.0			
355CAV060100**	U	1,3,4,5,15	100	94	16	368 e	96.7	95.0			
359060100***	H	1,3,4,5,18	100	96	42	467 e	94.1	95.0			
359BAV060100**	D	1,3,4,5,18	100	96	42	467 e	94.1	95.0			
359BAV060100xx	D	1,3,4,5,23	100	96	42	467 e	94.1	95.0			
359BAV060100xxx	H	1,3,4,5,23	100	96	42	467 e	94.1	95.0			
PG9YAA060100*	U	1,3,4,5	100	96	135	1,255	97.1	95.0			
355CAV060120**	U	1,3,4,15	120	112	16	505 e	110.9	95.0			
Trade Name(s): Plus 90											
<u>NATURAL OR PROPANE GAS</u>											
<u>NON-WEATHERIZED</u>											
350AAV036040*	U	1,3,4,5,8,11	40	38	71	458	32.1	95.5			
350AAV036040x	U	1,3,4,11	40	38	71	460	32.2	95.1			
Trade Name(s): Plus 90i											
<u>NATURAL OR PROPANE GAS</u>											
<u>NON-WEATHERIZED</u>											
355AAV042040**	D	1,3,4,5,9,11	40	37	23	107 e	32.9	95.0			
355AAV042040***	H	1,3,4,5,9,11	40	37	23	106 e	32.5	96.1			
355AAV042040xx	D	1,3,4,9,11	40	37	23	107 e	32.9	95.0			
355AAV042040xxx	H	1,3,4,9,11	40	37	23	106 e	32.5	96.1			
355AAV042040*	U	1,3,4,5,9,11	40	38	23	105 e	32.4	96.6			
355AAV042040x	U	1,3,4,9,11	40	38	23	105 e	32.4	96.6			
Trade Name(s): Plus 90x											
<u>NATURAL OR PROPANE GAS</u>											
<u>NON-WEATHERIZED</u>											
<u>FOR MANUFACTURED HOUSING ONLY</u>											
353AAV036040*	U	1,3,4,5,8,18	40	38	60	181 e	33.2	95.0			
Trade Name(s): Plus 95i											
<u>NATURAL OR PROPANE GAS</u>											
<u>NON-WEATHERIZED</u>											
355BAV042060	U	1,3,4,5,9	60	56	18	107 e	49.1	95.0			
355BAV042080	U	1,3,4,5,9	80	75	18	154 e	64.5	95.0			
355BAV060080	U	1,3,4,5,9	80	75	18	154 e	64.6	95.0			
355BAV060100	U	1,3,4,5,9	100	94	22	315 e	97.1	95.0			
355BAV060120	U	1,3,4,5,9	120	113	21	378 e	112.6	95.0			
Additional Footnotes											
8. Manufactured (Mobile) Home approved with accessory kit.											
9. Two-Stage input.											
11. Suffix (*) or (x) may be any (or no) letters or digits.											
15. Modulated Input											
16. Modulated Input											
18. * or ** or *** may have any number or letter											
23. x or xx or xxx may have any number or letter											
BUY MAX, INC.											
Trade Name(s): Xenon Heating and Air Conditioning											
Discontinued Models											
<u>NATURAL OR PROPANE GAS</u>											
<u>NON-WEATHERIZED</u>											
XF9V0453*	U H	1,3,4,7,8,9	46	45	84	165 e	47.7	96.0			
XYF9V060BU3-B	U	1,3,4,5,7,9	60	57	58	209 e	49.8	95.0			
XF9V0704*	U H	1,3,4,7,8,9	69	67	86	275 e	64.0	95.5			
XYF9V080CU4-B	U	1,3,4,5,7,9	80	76	59	203 e	66.7	95.0			
XF9V0905*	U H	1,3,4,7,8,9	92	90	92	333 e	79.8	95.7			
XYF9V100CU5-B	U	1,3,4,5,7,9	100	95	47	463 e	99.5	95.0			
XF9V1155*	U H	1,3,4,7,8,9	115	109	90	397 e	95.4	95.8			
XYF9V120DU5-B	U	1,3,4,5,7,9	120	115	57	659 e	115.6	95.0			

STANDARD FOOTNOTES:

1. Electronic Ignition
2. Electro-Mechanical Vent Damper(s) Specified By The Furnace Manufacturer
3. Power Combustion Or Power Vent
4. Condensing Type
5. Direct Vent (Includes Venting And Combustion Air Systems)

Model Number	Configuration	Footnotes	Heat Cap			Eae			AFUE		
			Input MBTUH	PE Watts	Ef MMBTU/yr	MBTUH	kWh/yr	MMBTU/yr	Input MBTUH	PE Watts	Ef MMBTU/yr
Additional Footnotes											
7. Direct Vent or Non-Direct Vent.											
8. May be installed as Direct Vent (optional).											
9. Model number may have suffix letter (A-Z) or up to three suffix numbers and/or letters											
CARRIER CORPORATION											
Trade Name(s): Carrier											
<u>NATURAL OR PROPANE GAS</u>											
<u>NON-WEATHERIZED</u>											
58HDV040-12**	D	1,3,4,5,18	40	30	38	142 e	32.2	95.0			
58HDV040-12***	H	1,3,4,5,18	40	30	38	142 e	32.2	95.0			
58HDV040-12xx	D	1,3,4,5,23	40	30	38	142 e	32.2	95.0			
58HDV040-12xxx	H	1,3,4,5,23	40	30	38	142 e	32.2	95.0			
58MVC060-14**	U	1,3,4,5,15	60	56	14	147 e	48.7	95.0			
58HDV060-12**	D	1,3,4,5,18	60	58	39	184 e	48.4	95.0			
58HDV060-12***	H	1,3,4,5,18	60	58	39	184 e	48.4	95.0			
58HDV060-12xx	D	1,3,4,5,23	60	58	39	184 e	48.4	95.0			
58HDV060-12xxx	H	1,3,4,5,23	60	58	39	184 e	48.4	95.0			
PG9YAA036060*	U	1,3,4,5	60	58	113	696	48.4	95.0			
58MVC080-20**	U	1,3,4,5,16	80	74	12	225 e	63.6	95.0			
58MVC080-14**	U	1,3,4,5,15	80	74	14	197 e	64.5	95.0			
58HDV080-20**	D	1,3,4,5,18	80	77	47	336 e	79.9	95.0			
58HDV080-20***	H	1,3,4,5,18	80	77	47	336 e	79.9	95.0			
58HDV080-20xx	D	1,3,4,5,23	80	77	47	336 e	79.9	95.0			
58HDV080-20xxx	H	1,3,4,5,23	80	77	47	336 e	79.9	95.0			
PG9YAA036080*	U	1,3,4,5	80	77	114	1,098	80.8	95.0			
PG9YAA048080**	H	1,3,4,5	80	77	115	1,246	80.2	95.0			
PG9YAA048080*	U	1,3,4,5	80	77	117	1,217	80.3	95.0			
58MVC100-20***	H	1,3,4,5,15	100	93	15	238 e	80.5	95.0			
58MVC100-20**	U	1,3,4,5,15	100	94	16	368 e	96.7	95.0			
58HDV100-20**	D	1,3,4,5,18	100	96	42	467 e	94.1	95.0			
58HDV100-20***	H	1,3,4,5,18	100	96	42	467 e	94.1	95.0			
58HDV100-20xx	D	1,3,4,5,23	100	96	42	467 e	94.1	95.0			
58HDV100-20xxx	H	1,3,4,5,23	100	96	42	467 e	94.1	95.0			
PG9YAA060100*	U	1,3,4,5	100	96	135	1,255	97.1	95.0			
58MVC120-20**	U	1,3,4,15	120	112	16	505 e	110.9	95.0			
Trade Name(s): Comfort 92											
<u>NATURAL OR PROPANE GAS</u>											
<u>NON-WEATHERIZED</u>											
58MXB040-12*	U	1,3,4,5,8,11	40	38	71	458	32.1	95.5			
58MXB040-12x	U	1,3,4,11	40	38	71	460	32.2	95.1			
Trade Name(s): Infinity 96											
<u>NATURAL OR PROPANE GAS</u>											
<u>NON-WEATHERIZED</u>											
58MVB040-14**	D	1,3,4,5,9,11	40	37	23	107 e	32.9	95.0			
58MVB040-14***	H	1,3,4,5,9,11	40	37	23	106 e	32.5	96.1			
58MVB040-14xx	D	1,3,4,9,11	40	37	23	107 e	32.9	95.0			
58MVB040-14xxx	H	1,3,4,9,11	40	37	23	106 e	32.5	96.1			
58MVB040-14*	U	1,3,4,5,9,11	40	38	23	105 e	32.4	96.6			
58MVB040-14x	U	1,3,4,9,11	40	38	23	105 e	32.4	96.6			
58UVB060-14	U	1,3,4,5,9	60	56	18	107 e	49.1	95.0			
58UVB080-14	U	1,3,4,5,9	80	75	18	154 e	64.5	95.0			
58UVB080-20	U	1,3,4,5,9	80	75	18	154 e	64.6	95.0			
58UVB100-20	U	1,3,4,5,9	100	94	22	315 e	97.1	95.0			
58UVB120-20	U	1,3,4,5,9	120	113	21	378 e	112.6	95.0			
Trade Name(s): Performance Boost 90											
<u>NATURAL OR PROPANE GAS</u>											
<u>NON-WEATHERIZED</u>											
<u>FOR MANUFACTURED HOUSING ONLY</u>											
Discontinued Models											
<u>NATURAL OR PROPANE GAS</u>											
<u>NON-WEATHERIZED</u>											
58MVP040-14-L*	D	1,3,4,5,7	26	25	23	86 e	25.1	95.0			
58MVP040-14-L**	H	1,3,4,5,7	26	25	23	85 e	24.8	96.1			
58MVP040-14*	D	1,3,4,5,7,9	40	37	23	107 e	32.9	95.0			
58MVP040-14**	H	1,3,4,5,7,9	40	37	23	106 e	32.5	96.1			
58MVP040-14	U	1,3,4,5,9	40	38	23	105 e	32.4	96.6			

STANDARD FOOTNOTES:

6. Single Package Unit (Combination Heating/Cooling)
- # Rating Voluntarily Revised Since Last Directory
- * Rating Revised By Program Since Last Directory
- e Electrically Efficient Furnace

Model Number	Configuration	Footnotes	Heat Cap			Eae			AFUE		
			Input MBTUH	PE Watts	Ef MMBTU/yr	MBTUH	kWh/yr	%	MBTUH	kWh/yr	%
CARRIER CORPORATION											
Trade Name(s): Performance Boost 90											
<u>NATURAL OR PROPANE GAS</u> <u>NON-WEATHERIZED</u>											
<u>FOR MANUFACTURED HOUSING ONLY</u>											
58MEB040-12*	U	1,3,4,5,8,18	40	38	60	181	e	33.2	95.0		

Additional Footnotes

- 7. (* or **) May have any suffix letters.
- 8. Manufactured (Mobile) Home approved with accessory kit.
- 9. Two-Stage input.
- 11. Suffix (*) or (x) may be any (or no) letters or digits.
- 15. Modulated Input
- 16. Modulated Input
- 18. * or ** or *** may have any number or letter
- 23. x or xx or xxx may have any number or letter

CLIMATE ENERGY, LLC

Trade Name(s): Climate Energy

NATURAL OR PROPANE GAS NON-WEATHERIZED

CE95V060-3	UDH	3,4,5,7,11	60	57	42	281	e	53.0	95.0		
CE95V080-4	UDH	3,4,5,7,11	80	76	42	363	e	67.5	95.0		
CE95V100-5	UDH	3,4,5,7,11	100	95	42	609	e	102.5	95.0		
CE95V120-5	UDH	3,4,5,7,11	120	114	42	927		116.0	95.0		

Additional Footnotes

- 7. ECM motor
- 11. 2 Stage Furnace

COLEMAN, UNITARY PRODUCTS

Trade Name(s): Coleman

NATURAL OR PROPANE GAS NON-WEATHERIZED

TG9S040A08MP11	UDH	1,3,4,5,7,9	40	39	100	458	31.9	95.5			
TM9V060B12MP11	UDH	1,3,4,5,7,9	60	58	60	190	e	49.4	96.0		
CM9M060B12MP11	UDH	1,3,4,5,7,9	60	58	65	304		48.5	97.0		
TM9M060B12MP11	UDH	1,3,4,5,7,9	60	58	65	304		48.5	97.0		
CP9C060B12MP11	UDH	1,3,4,5,7,9	60	58	68	103	e	49.0	97.5		
TP9C060B12MP11	UDH	1,3,4,5,7,9	60	58	68	103	e	49.0	97.5		
TG9S060A10MP11	UDH	1,3,4,5,7,9	60	58	109	674		47.9	95.5		
TG9S060B12MP11	UDH	1,3,4,5,7,9	60	58	124	622		48.1	95.5		
TM9V080C16MP11	UDH	1,3,4,5,7,9	80	77	41	187	e	82.8	96.0		
TM9V080B12MP11	UDH	1,3,4,5,7,9	80	77	50	231	e	82.6	96.0		
CM9M080B12MP11	UDH	1,3,4,5,7,9	80	77	60	569		80.9	97.0		
TM9M080B12MP11	UDH	1,3,4,5,7,9	80	77	60	569		80.9	97.0		
CP9C080B12MP11	UDH	1,3,4,5,7,9	80	77	70	242	e	81.7	97.5		
TP9C080B12MP11	UDH	1,3,4,5,7,9	80	77	70	242	e	81.7	97.5		
CP9C080C16MP11	UDH	1,3,4,5,7,9	80	78	66	271	e	81.5	97.7		
TP9C080C16MP11	UDH	1,3,4,5,7,9	80	78	66	271	e	81.5	97.7		
CM9M080C16MP11	UDH	1,3,4,5,7,9	80	78	85	810		80.3	97.0		
TM9M080C16MP11	UDH	1,3,4,5,7,9	80	78	85	810		80.3	97.0		
TG9S080B12MP11	UDH	1,3,4,5,7,9	80	78	100	920		80.6	95.5		
TG9S080C22MP11	UDH	1,3,4,5,7,9	80	78	120	966		80.4	95.5		
TG9S080C16MP11	UDH	1,3,4,5,7,9	80	78	125	929		80.5	95.5		
TM9V100C16MP11	UDH	1,3,4,5,7,9	100	96	43	248	e	99.2	96.0		
TM9V100C20MP11	UDH	1,3,4,5,7,9	100	96	55	267	e	99.2	96.0		
CM9M100C16MP11	UDH	1,3,4,5,7,9	100	97	69	779		96.9	97.0		
TM9M100C16MP11	UDH	1,3,4,5,7,9	100	97	69	779		96.9	97.0		
CM9M100C20MP11	UDH	1,3,4,5,7,9	100	97	75	603		97.2	97.0		
TM9M100C20MP11	UDH	1,3,4,5,7,9	100	97	75	603		97.2	97.0		
CP9C100C20MP11	UDH	1,3,4,5,7,9	100	97	85	294	e	97.7	97.7		
TP9C100C20MP11	UDH	1,3,4,5,7,9	100	97	85	294	e	97.7	97.7		
CP9C100C16MP11	UDH	1,3,4,5,7,9	100	97	87	393	e	97.7	97.7		
TP9C100C16MP11	UDH	1,3,4,5,7,9	100	97	87	393	e	97.7	97.7		
TG9S100C20MP11	UDH	1,3,4,5,7,9	100	97	123	1,118		96.6	95.5		
TG9S100C16MP11	UDH	1,3,4,5,7,9	100	97	126	1,156		96.5	95.5		
TM9V120D20MP11	UDH	1,3,4,5,7,9	120	115	59	282	e	115.8	96.0		
CM9M120D20MP11	UDH	1,3,4,5,7,9	120	116	72	606	e	114.0	97.0		
TM9M120D20MP11	UDH	1,3,4,5,7,9	120	116	72	606	e	114.0	97.0		
CP9C120D20MP11	UDH	1,3,4,5,7,9	120	116	82	444	e	113.7	98.0		

STANDARD FOOTNOTES:

- 1. Electronic Ignition
- 2. Electro-Mechanical Vent Damper(s) Specified By The Furnace Manufacturer
- 3. Power Combustion Or Power Vent
- 4. Condensing Type
- 5. Direct Vent (Includes Venting And Combustion Air Systems)

Model Number	Configuration	Footnotes	Heat Cap			Eae			AFUE		
			Input MBTUH	PE Watts	Ef MMBTU/yr	MBTUH	kWh/yr	%	MBTUH	kWh/yr	%
TP9C120D20MP11	UDH	1,3,4,5,7,9	120	116	82	444	e	113.7	98.0		
TG9S120D16MP11	UDH	1,3,4,5,7,9	120	116	100	1,185		113.2	95.5		
TG9S120D20MP11	UDH	1,3,4,5,7,9	120	116	124	1,311		112.7	95.5		
TG9S130D20MP11	UDH	1,3,4,5,7,9	130	125	113	1,305		112.7	95.5		

FOR MANUFACTURED HOUSING ONLY

MG9S060B12MP11	UDH	1,3,4,5,7,8	60	58	124	622		48.1	95.5		
MG9S080B12MP11	UDH	1,3,4,5,7,8	80	78	100	920		80.6	95.5		
MG9S080C16MP11	UDH	1,3,4,5,7,8	80	78	125	929		80.5	95.5		
MG9S100C20MP11	UDH	1,3,4,5,7,8	100	97	123	1,118		96.6	95.5		
MG9S100C16MP11	UDH	1,3,4,5,7,8	100	97	126	1,156		96.5	95.5		
MG9S120D20MP11	UDH	1,3,4,5,7,8	120	116	124	1,311		112.7	95.5		

Discontinued Models

NATURAL OR PROPANE GAS NON-WEATHERIZED

FC9V040A12UP12	U	1,3,4,5,7,9	40	38	55	115	e	33.3	95.0		
GM9F048B12UP11	U	1,3,4,5,7,9	48	46	142	633		48.3	95.0		
FC9V060B12UP12	U	1,3,4,5,7,9	60	57	58	209	e	49.8	95.0		
FC9M060B12DH11	DH	1,3,4,5,7,9	60	57	67	313		49.5	95.0		
FC9M060B12UP11	U	1,3,4,5,7,9	60	57	67	313		49.5	95.0		
FC9C060B12DH11	DH	1,3,4,5,7,9	60	57	93	111	e	50.2	95.0		
FC9C060B12UP11	U	1,3,4,5,7,9	60	57	93	111	e	50.2	95.0		
GM9F064C16DH11	DH	1,3,4,5,7,9	64	62	143	1,149		63.3	95.0		
GM9F064C16UP11	U	1,3,4,5,7,9	64	62	144	1,207		63.1	95.0		
FC9V080C16UP12	U	1,3,4,5,7,9	80	76	59	203	e	66.7	95.0		
FC9M080C16DH11	DH	3,4,5,7,9	80	76	62	450		65.8	95.0		
FC9M080C16UP11	U	1,3,4,5,7,9	80	76	62	450		65.8	95.0		
FC9M080B12DH11	DH	1,3,4,5,7,9	80	76	70	398		66.0	95.0		
FC9M080B12UP11	U	1,3,4,5,7,9	80	76	70	398		66.0	95.0		
FC9C080B12DH11	DH	1,3,4,5,7,9	80	76	89	115	e	67.0	95.0		
FC9C080B12UP11	U	1,3,4,5,7,9	80	76	89	115	e	67.0	95.0		
FC9C080C16DH11	DH	1,3,4,5,7,9	80	76	92	117	e	67.0	95.0		
FC9C080C16UP11	U	1,3,4,5,7,9	80	76	92	117	e	67.0	95.0		
GM9F080C16DH11	DH	1,3,4,5,7,9	80	77	125	1,275		79.7	95.0		
GM9F080C16UP11	U	1,3,4,5,7,9	80	77	137	1,228		79.9	95.0		
GM9F096D20UP11	U	1,3,4,5,7,9	96	91	140	1,371		79.4	95.0		
FC9V100C20UP12	U	1,3,4,5,7,9	100	95	47	463	e	99.5	95.0		
FC9M100C20DH11	DH	1,3,4,5,7,9	100	95	65	596		99.0	95.0		
FC9M100C20UP11	U	1,3,4,5,7,9	100	95	65	596		99.0	95.0		
FC9M100C16DH11	DH	1,3,4,5,7,9	100	95	67	611		99.0	95.0		
FC9M100C16UP11	U	1,3,4,5,7,9	100	95	67	611		99.0	95.0		
FC9C100C16DH11	DH	1,3,4,5,7,9	100	95	93	184	e	100.5	95.0		
FC9C100C16UP11	U	1,3,4,5,7,9	100	95	93	184	e	100.5	95.0		
FC9C100C20UP11	U	1,3,4,5,7,9	100	95	100	184	e	100.5	95.0		
FC9C100C20DH11	DH	1,3,4,5,7,9	100	95	101	184	e	100.5	95.0		
FC9V120D20UP12	U	1,3,4,5,7,9	120	115	57	659	e	115.6	95.0		
FC9M120D20DH11	DH	1,3,4,5,7,9	120	115	65	696		115.5	95.0		
FC9M120D20UP11	U	1,3,4,5,7,9	120	115	65	696		115.5	95.0		
FC9C120D20DH11	DH	1,3,4,5,7,9	120	115	100	185	e	117.3	95.0		
FC9C120D20UP11	U	1,3,4,5,7,9	120	115	100	185	e	117.3	95.0		

Additional Footnotes

- 7. Direct Vent or Non-Direct Vent.
- 8. Model number may have suffix letter (A-Z) or up to three suffix numbers and/or letters
- 9. Model number may have suffix letter (A-Z) or up to three suffix numbers and/or letters

ECR INTERNATIONAL

Trade Name(s): Aircor, Olsen, Oneida Royal

NATURAL OR PROPANE GAS NON-WEATHERIZED

GTHC050-3	UDH	1,3,4,5	48	45	140	688		50.0	95.0		
G95V060-3	UDH	3,4,5,7,11	60	57	42	281	e	53.0	95.0		
GTHC065-3	UDH	1,3,4,5	64	60	140	866		66.9	95.0		
G95V080-3	UDH	3,4,5,7,11	80	76	42	377	e	67.2	95.0		
G95V080-4	UDH	3,4,5,7,11	80	76	42	363	e	67.5	95.0		
GTHC080-3	UDH	1,3,4,5	80	76	140	934		67.0	95.0		
GTHC080-5	UDH	1,3,4,5	80	76	140	945		67.0	95.0		
GTHC100-3	UDH	1,3,4,5	96	91	140	1,170		83.8	95.0		
GTHC100-5	UDH	1,3,4,5	96	91							

Model Number	Configuration	Footnotes	Heat Cap			Eae		AFUE	
			Input MBTUH	PE Watts	Ef MMBTU/yr	MBTUH	kWh/yr	%	%
ECR INTERNATIONAL									
Trade Name(s): Aircor, Olsen, Oneida Royal									
<u>NATURAL OR PROPANE GAS</u>									
<u>NON-WEATHERIZED</u>									
G95V100-5	UDH	3,4,5,7,11	100	95	42	609	e	102.5	95.0
G95V120-5	UDH	3,4,5,7,11	120	114	42	927		116.0	95.0

Trade Name(s): freewatt									
<u>NATURAL OR PROPANE GAS</u>									
<u>NON-WEATHERIZED</u>									
FW95V060-3	UDH	1,4,5,7,11,12	60	57	42	281	e	53.0	95.0
FW95V080-4	UDH	1,4,5,7,11,12	80	76	42	363	e	67.5	95.0
FW95V100-5	UDH	1,4,5,7,11,12	100	95	42	609	e	102.5	95.0
FW95V120-5	UDH	1,4,5,7,11,12	120	114	42	927		116.0	95.0

Trade Name(s): Ultra Max III									
<u>NATURAL OR PROPANE GAS</u>									
<u>NON-WEATHERIZED</u>									
GTH 085	U	1,3,4,5	85	81	75	1,089		79.6	95.0
GTH 100	U	1,3,4,5	100	95	75	1,294		98.6	95.0

Additional Footnotes

- 7. ECM motor
- 11. 2 Stage Furnace
- 12. Direct Vent

ELECT-AIRE, NORDYNE INC.

Trade Name(s): Elect-Aire									
<u>NATURAL OR PROPANE GAS</u>									
<u>NON-WEATHERIZED</u>									
KG6TE060*-IQ	U H	1,3,4,5,11,14	60	57	73	225	e	48.7	95.8
KG6TE060*-VA	U H	1,3,4,5,7,11	60	58	78	245	e	47.9	95.1
KG6TE080*-IQ	U H	1,3,4,5,11,14	80	76	73	378	e	79.2	95.5
KG6TE080*-VB	U H	1,3,4,5,7,11	80	77	48	404	e	78.7	95.1
KG6TE100*-IQ	U H	1,3,4,5,11,14	100	95	78	240	e	98.6	95.5
KG6TE100*-VB	U H	1,3,4,5,7,11	100	96	39	336	e	95.7	95.1
KG6TE120*-IQ	U H	1,3,4,5,11,14	120	115	89	280	e	114.6	95.5
KG6TE120*-VC	U H	1,3,4,5,7,11	120	116	49	349	e	112.5	95.1

Additional Footnotes

- 7. Eighth character may be (A, C, D, H, K, N, or X).
- 11. May have up to three character alpha-numeric suffix indicating feature variations
- 14. Tenth character may be (A, C, D, H, N, or X)

EVCON, UNITARY PRODUCTS

Trade Name(s): Evcon									
<u>NATURAL OR PROPANE GAS</u>									
<u>NON-WEATHERIZED</u>									
TG9S040A08MP11	UDH	1,3,4,5,7,9	40	39	100	458		31.9	95.5
TM9V060B12MP11	UDH	1,3,4,5,7,9	60	58	60	190	e	49.4	96.0
TM9M060B12MP11	UDH	1,3,4,5,7,9	60	58	65	304		48.5	97.0
TP9C060B12MP11	UDH	1,3,4,5,7,9	60	58	68	103	e	49.0	97.5
TG9S060A10MP11	UDH	1,3,4,5,7,9	60	58	109	674		47.9	95.5
TG9S060B12MP11	UDH	1,3,4,5,7,9	60	58	124	622		48.1	95.5
TM9V080C16MP11	UDH	1,3,4,5,7,9	80	77	41	187	e	82.8	96.0
TM9V080B12MP11	UDH	1,3,4,5,7,9	80	77	50	231	e	82.6	96.0
TM9M080B12MP11	UDH	1,3,4,5,7,9	80	77	60	569		80.9	97.0
TP9C080B12MP11	UDH	1,3,4,5,7,9	80	77	70	242	e	81.7	97.5
TP9C080C16MP11	UDH	1,3,4,5,7,9	80	78	66	271	e	81.5	97.7
TM9M080C16MP11	UDH	1,3,4,5,7,9	80	78	85	810		80.3	97.0
TG9S080B12MP11	UDH	1,3,4,5,7,9	80	78	100	920		80.6	95.5
TG9S080C22MP11	UDH	1,3,4,5,7,9	80	78	120	966		80.4	95.5
TG9S080C16MP11	UDH	1,3,4,5,7,9	80	78	125	929		80.5	95.5
TM9V100C16MP11	UDH	1,3,4,5,7,9	100	96	43	248	e	99.2	96.0
TM9V100C20MP11	UDH	1,3,4,5,7,9	100	96	55	267	e	99.2	96.0
TM9M100C16MP11	UDH	1,3,4,5,7,9	100	97	69	779		96.9	97.0
TM9M100C20MP11	UDH	1,3,4,5,7,9	100	97	75	603		97.2	97.0
TP9C100C20MP11	UDH	1,3,4,5,7,9	100	97	85	294	e	97.7	97.7
TP9C100C16MP11	UDH	1,3,4,5,7,9	100	97	87	393	e	97.7	97.7
TG9S100C20MP11	UDH	1,3,4,5,7,9	100	97	123	1,118		96.6	95.5
TG9S100C16MP11	UDH	1,3,4,5,7,9	100	97	126	1,156		96.5	95.5
TM9V120D20MP11	UDH	1,3,4,5,7,9	120	115	59	282	e	115.8	96.0

STANDARD FOOTNOTES:

- 1. Electronic Ignition
- 2. Electro-Mechanical Vent Damper(s) Specified By The Furnace Manufacturer
- 3. Power Combustion Or Power Vent
- 4. Condensing Type
- 5. Direct Vent (Includes Venting And Combustion Air Systems)

Model Number	Configuration	Footnotes	Heat Cap			Eae		AFUE	
			Input MBTUH	PE Watts	Ef MMBTU/yr	MBTUH	kWh/yr	%	%
TM9M120D20MP11	UDH	1,3,4,5,7,9	120	116	72	606	e	114.0	97.0
TP9C120D20MP11	UDH	1,3,4,5,7,9	120	116	82	444	e	113.7	98.0
TG9S120D16MP11	UDH	1,3,4,5,7,9	120	116	100	1,185		113.2	95.5
TG9S120D20MP11	UDH	1,3,4,5,7,9	120	116	124	1,311		112.7	95.5
TG9S130D20MP11	UDH	1,3,4,5,7,9	130	125	113	1,305		112.7	95.5

Additional Footnotes

- 7. Direct Vent or Non-Direct Vent.
- 9. Model number may have suffix letter (A-Z) or up to three suffix numbers and/or letters

FRASER-JOHNSTON, UNITARY PRODUCTS

Trade Name(s): Fraser-Johnston									
<u>NATURAL OR PROPANE GAS</u>									
<u>NON-WEATHERIZED</u>									
TG9S040A08MP11	UDH	1,3,4,5,7,9	40	39	100	458		31.9	95.5
TM9V060B12MP11	UDH	1,3,4,5,7,9	60	58	60	190	e	49.4	96.0
TM9M060B12MP11	UDH	1,3,4,5,7,9	60	58	65	304		48.5	97.0
TP9C060B12MP11	UDH	1,3,4,5,7,9	60	58	68	103	e	49.0	97.5
TG9S060A10MP11	UDH	1,3,4,5,7,9	60	58	109	674		47.9	95.5
TG9S060B12MP11	UDH	1,3,4,5,7,9	60	58	124	622		48.1	95.5
TM9V080C16MP11	UDH	1,3,4,5,7,9	80	77	41	187	e	82.8	96.0
TM9V080B12MP11	UDH	1,3,4,5,7,9	80	77	50	231	e	82.6	96.0
TM9M080B12MP11	UDH	1,3,4,5,7,9	80	77	60	569		80.9	97.0
TP9C080B12MP11	UDH	1,3,4,5,7,9	80	77	70	242	e	81.7	97.5
TP9C080C16MP11	UDH	1,3,4,5,7,9	80	78	66	271	e	81.5	97.7
TM9M080C16MP11	UDH	1,3,4,5,7,9	80	78	85	810		80.3	97.0
TG9S080B12MP11	UDH	1,3,4,5,7,9	80	78	100	920		80.6	95.5
TG9S080C22MP11	UDH	1,3,4,5,7,9	80	78	120	966		80.4	95.5
TG9S080C16MP11	UDH	1,3,4,5,7,9	80	78	125	929		80.5	95.5
TM9V100C16MP11	UDH	1,3,4,5,7,9	100	96	43	248	e	99.2	96.0
TM9V100C20MP11	UDH	1,3,4,5,7,9	100	96	55	267	e	99.2	96.0
TM9M100C16MP11	UDH	1,3,4,5,7,9	100	97	69	779		96.9	97.0
TM9M100C20MP11	UDH	1,3,4,5,7,9	100	97	75	603		97.2	97.0
TP9C100C20MP11	UDH	1,3,4,5,7,9	100	97	85	294	e	97.7	97.7
TP9C100C16MP11	UDH	1,3,4,5,7,9	100	97	87	393	e	97.7	97.7
TG9S100C20MP11	UDH	1,3,4,5,7,9	100	97	123	1,118		96.6	95.5
TG9S100C16MP11	UDH	1,3,4,5,7,9	100	97	126	1,156		96.5	95.5
TM9V120D20MP11	UDH	1,3,4,5,7,9	120	115	59	282	e	115.8	96.0

Additional Footnotes

- 7. Direct Vent or Non-Direct Vent.
- 9. Model number may have suffix letter (A-Z) or up to three suffix numbers and/or letters

FRIGIDAIRE, NORDYNE INC.

Trade Name(s): Frigidaire									
<u>NATURAL OR PROPANE GAS</u>									
<u>NON-WEATHERIZED</u>									
FG7TC 060*.*	U H	1,3,4,5,7,11	60	57	52	189	e	48.0	95.1
FG7TL 060*.*	D	1,3,4,5,7,11	60	57	52	189	e	48.0	95.1
FG6TE060*-IQ	U H	1,3,4,5,11,14	60	57	73	225	e	48.7	95.8
FG6TE060*-VA	U H	1,3,4,5,7,11	60	58	78	245	e	47.9	95.1
FG7MQ 060*-VB	U H	1,3,4,5,9,11	60	58	91	253	e	47.2	97.0
FG7TC 080*.*	U H	1,3,4,5,7,11	80	76	52	214	e	65.1	95.1
FG7TL 080*.*	D	1,3,4,5,7,11	80	76	52	214	e	65.1	95.1
FG6TE080*-IQ	U H	1,3,4,5,11,14	80	76	73	378	e	79.2	95.5
FG6TE080*-VB	U H	1,3,4,5,7,11	80	77	48	404	e	78.7	95.1
FG7MQ 080*-VC	U H	1,3,4,5,9,11	80	77	75	391	e	78.7	97.2
FG7TC 100*.*	U H	1,3,4,5,7,11	100	95	53	326	e	96.7	95.1
FG7TL 100*.*	D	1,3,4,5,7,11	100	95	53	326	e	96.7	95.1
FG6TE100*-IQ	U H	1,3,4,5,11,14	100	95	78	240	e	98.6	95.5
FG6TE100*-VB	U H	1,3,4,5,7,11	100	96	39	336	e	95.7	95.1
FG7MQ 100*-VC	U H	1,3,4,5,9,11	100	97	89	370	e	92.8	97.4
FG7TC 120*.*	U H	1,3,4,5,7,11	120	114	41	442	e	113.4	95.1
FG6TE120*-IQ	U H	1,3,4,5,11,14	120	115	89	280	e	114.6	95.5
FG6TE120*-VC	U H	1,3,4,5,7,11	120	116	49	349	e	112.5	95.1

6. Single Package Unit (Combination Heating/Cooling)

- # Rating Voluntarily Revised Since Last Directory
- * Rating Revised By Program Since Last Directory
- e Electrically Efficient Furnace

Model Number	Configuration	Footnotes	Heat Cap			AFUE %
			Input MBTUH	Eae kWh/yr	PE Watts	

FRIGIDAIRE, NORDYNE INC.

Trade Name(s): Frigidaire

NATURAL OR PROPANE GAS

NON-WEATHERIZED

FG7MQ 120*-VD	U H	1,3,4,5,9,11	120	116	67	593	e 105.7	97.0
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Additional Footnotes

- 7. Eighth character may be (A, C, D, H, K, N, or X).
- 9. Ninth character may be (A, C, D, H, N, or X).
- 11. May have up to three character alpha-numeric suffix indicating feature variations
- 14. Tenth character may be (A, C, D, H, N, or X)

GARRISON, NORDYNE INC.

Trade Name(s): Garrison

NATURAL OR PROPANE GAS

NON-WEATHERIZED

KG7TC 060*-*	U H	1,3,4,5,7,11	60	57	52	189	e 48.0	95.1
KG7TL 060*-*	D	1,3,4,5,7,11	60	57	52	189	e 48.0	95.1
KG7TC 080*-*	U H	1,3,4,5,7,11	80	76	52	214	e 65.1	95.1
KG7TL 080*-*	D	1,3,4,5,7,11	80	76	52	214	e 65.1	95.1
KG7TC 100*-*	U H	1,3,4,5,7,11	100	95	53	326	e 96.7	95.1
KG7TL 100*-*	D	1,3,4,5,7,11	100	95	53	326	e 96.7	95.1
KG7TC 120*-*	U H	1,3,4,5,7,11	120	114	41	442	e 113.4	95.1

Additional Footnotes

- 7. Eighth character may be (A, C, D, H, K, N, or X).
- 11. May have up to three character alpha-numeric suffix indicating feature variations

GIBSON, NORDYNE INC.

Trade Name(s): Gibson

NATURAL OR PROPANE GAS

NON-WEATHERIZED

KG7TC 060*-*	U H	1,3,4,5,7,11	60	57	52	189	e 48.0	95.1
KG7TL 060*-*	D	1,3,4,5,7,11	60	57	52	189	e 48.0	95.1
KG6TE060*-IQ	U H	1,3,4,5,11,14	60	57	73	225	e 48.7	95.8
KG6TE060*-VA	U H	1,3,4,5,7,11	60	58	78	245	e 47.9	95.1
KG7TC 080*-*	U H	1,3,4,5,7,11	80	76	52	214	e 65.1	95.1
KG7TL 080*-*	D	1,3,4,5,7,11	80	76	52	214	e 65.1	95.1
KG6TE080*-IQ	U H	1,3,4,5,11,14	80	76	73	378	e 79.2	95.5
KG6TE080*-VB	U H	1,3,4,5,7,11	80	77	48	404	e 78.7	95.1
KG7TC 100*-*	U H	1,3,4,5,7,11	100	95	53	326	e 96.7	95.1
KG7TL 100*-*	D	1,3,4,5,7,11	100	95	53	326	e 96.7	95.1
KG6TE100*-IQ	U H	1,3,4,5,11,14	100	95	78	240	e 98.6	95.5
KG6TE100*-VB	U H	1,3,4,5,7,11	100	96	39	336	e 95.7	95.1
KG7TC 120*-*	U H	1,3,4,5,7,11	120	114	41	442	e 113.4	95.1
KG6TE120*-IQ	U H	1,3,4,5,11,14	120	115	89	280	e 114.6	95.5
KG6TE120*-VC	U H	1,3,4,5,7,11	120	116	49	349	e 112.5	95.1

Additional Footnotes

- 7. Eighth character may be (A, C, D, H, K, N, or X).
- 11. May have up to three character alpha-numeric suffix indicating feature variations
- 14. Tenth character may be (A, C, D, H, N, or X)

GOODMAN MANUFACTURING COMPANY

Trade Name(s): Goodman

NATURAL OR PROPANE GAS

NON-WEATHERIZED

AMH950453BX	U H	1,3,4,5,8	46	44	124	332	31.7	95.0
AMH950703BX	U H	1,3,4,5,8	69	66	124	593	47.5	95.0
AMH950704CX	U H	1,3,4,5,8	69	66	127	489	47.5	95.0
AMH850905DX	U H	1,3,4,5,8	92	89	125	944	79.6	95.0
AMH950904CX	U H	1,3,4,5,8	92	89	126	984	79.0	95.0
AMH951155DX	U H	1,3,4,5,8	115	110	132	1,122	79.6	95.0

Discontinued Models

NATURAL OR PROPANE GAS

NON-WEATHERIZED

GMS950453BX*	U H	1,3,4,5,8	46	44	124	332	31.7	95.0
GMS950703BX*	U H	1,3,4,5,8	69	66	124	593	47.5	95.0
GMS950904CX*	U H	1,3,4,5,8	92	89	126	984	79.0	95.0
GMS951155DX*	U H	1,3,4,5,8	115	110	132	1,122	79.6	95.0

STANDARD FOOTNOTES:

- 1. Electronic Ignition
- 2. Electro-Mechanical Vent Damper(s) Specified By The Furnace Manufacturer
- 3. Power Combustion Or Power Vent
- 4. Condensing Type
- 5. Direct Vent (Includes Venting And Combustion Air Systems)

Model Number	Configuration	Footnotes	Heat Cap			AFUE %
			Input MBTUH	Eae kWh/yr	PE Watts	

Trade Name(s): Goodman, Xenon

NATURAL OR PROPANE GAS

NON-WEATHERIZED

GMH950453BX	U H	1,3,4,5,8	46	44	124	332	31.7	95.0
GMV950453BX*	U H	1,3,4,5,7,8,9,12	46	45	84	165	e 47.7	96.0
GMH950703BX	U H	1,3,4,5,8	69	66	124	593	47.5	95.0
GMH950704CX	U H	1,3,4,5,8	69	66	127	489	47.5	95.0
GMV950704CX*	U H	1,3,4,5,7,8,9,12	69	67	86	275	e 64.0	95.5
GMH950905DX	U H	1,3,4,5,8	92	89	125	944	79.6	95.0
GMH950904CX	U H	1,3,4,5,8	92	89	126	984	79.0	95.0
GMV950905DX*	U H	1,3,4,5,7,8,9,12	92	90	92	333	e 79.8	95.7
GMV951155DX*	U H	1,3,4,5,7,8,9,12	115	109	90	397	e 95.4	95.8
GMH951155DX	U H	1,3,4,5,8	115	110	132	1,122	79.6	95.0

Discontinued Models

NATURAL OR PROPANE GAS

NON-WEATHERIZED

GMS950453BX*	U H	1,3,4,5,8	46	44	124	332	31.7	95.0
GMS950703BX*	U H	1,3,4,5,8	69	66	124	593	47.5	95.0
GMS950704CX*	U H	1,3,4,5,8,12	69	66	127	489	47.5	95.0
GMS950905DX*	U H	1,3,4,5,8,12	92	89	125	944	79.6	95.0
GMS950904CX*	U H	1,3,4,5,8	92	89	126	984	79.0	95.0
GMS951155DX*	U H	1,3,4,5,8	115	110	132	1,122	79.6	95.0

Additional Footnotes

- 7. Variable speed, constant CFM blower.
- 8. May be installed as Non-Direct Vent (optional).
- 9. 2 Stage Input
- 12. Suffix (*) may be a letter or number

GRANDAIR, NORDYNE INC.

Trade Name(s): Grandaire

NATURAL OR PROPANE GAS

NON-WEATHERIZED

KG7TC 060*-*	U H	1,3,4,5,7,11	60	57	52	189	e 48.0	95.1
KG7TL 060*-*	D	1,3,4,5,7,11	60	57	52	189	e 48.0	95.1
KG6TE060*-IQ	U H	1,3,4,5,11,14	60	57	73	225	e 48.7	95.8
KG6TE060*-VA	U H	1,3,4,5,7,11	60	58	78	245	e 47.9	95.1
KG7TC 080*-*	U H	1,3,4,5,7,11	80	76	52	214	e 65.1	95.1
KG7TL 080*-*	D	1,3,4,5,7,11	80	76	52	214	e 65.1	95.1
KG6TE080*-IQ	U H	1,3,4,5,11,14	80	76	73	378	e 79.2	95.5
KG6TE080*-VB	U H	1,3,4,5,7,11	80	77	48	404	e 78.7	95.1
KG7TC 100*-*	U H	1,3,4,5,7,11	100	95	53	326	e 96.7	95.1
KG7TL 100*-*	D	1,3,4,5,7,11	100	95	53	326	e 96.7	95.1
KG6TE100*-IQ	U H	1,3,4,5,11,14	100	95	78	240	e 98.6	95.5
KG6TE100*-VB	U H	1,3,4,5,7,11	100	96	39	336	e 95.7	95.1
KG7TC 120*-*	U H	1,3,4,5,7,11	120	114	41	442	e 113.4	95.1
KG6TE120*-IQ	U H	1,3,4,5,11,14	120	115	89	280	e 114.6	95.5
KG6TE120*-VC	U H	1,3,4,5,7,11	120	116	49	349	e 112.5	95.1

Additional Footnotes

- 7. Eighth character may be (A, C, D, H, K, N, or X).
- 11. May have up to three character alpha-numeric suffix indicating feature variations
- 14. Tenth character may be (A, C, D, H, N, or X)

GUARDIAN, UNITARY PRODUCTS GROUP

Trade Name(s): Guardian

NATURAL OR PROPANE GAS

NON-WEATHERIZED

GG9S040A08MP11	U DH	1,3,4,5,7,9	40	39	100	458	31.9	95.5
GG9S060A10MP11	U DH	1,3,4,5,7,9	60	58	109	674	47.9	95.5
GG9S060B12MP11	U DH	1,3,4,5,7,9	60	58	124	622	48.1	95.5
GG9S080B12MP11	U DH	1,3,4,5,7,9	80	78	100	920	80.6	95.5
GG9S080C22MP11	U DH	1,3,4,5,7,9	80	78	120	966	80.4	95.5
GG9S080C16MP11	U DH	1,3,4,5,7,9	80	78	125	929	80.5	95.5
GG9S100C20MP11	U DH	1,3,4,5,7,9	100	97	123	1,118	96.6	95.5
GG9S100C16MP11	U DH	1,3,4,5,7,9	100	97	126	1,156	96.5	95.5
GG9S120D16MP11	U DH	1,3,4,5,7,9	120	116	100	1,185	113.2	95.5
GG9S120D20MP11	U DH	1,3,4,5,7,9	120	116	124	1,311	112.7	95.5
GG9S130D20MP11	U DH	1,3,4,5,7,9	130	125	113	1,305	112.7	95.5

- 6. Single Package Unit (Combination Heating/Cooling)
- # Rating Voluntarily Revised Since Last Directory
- * Rating Revised By Program Since Last Directory
- e Electrically Efficient Furnace

Model Number	Configuration	Footnotes	Heat Cap		Eae		AFUE	
			Input MBTUH	PE Watts	MMBTU/yr	kWh/yr	Eff %	MMBTU/yr
Additional Footnotes								
7. Direct Vent or Non-Direct Vent.								
9. Model number may have suffix letter (A-Z) or up to three suffix numbers and/or letters								
HAIER AMERICA								
Trade Name(s): HAIER								
NATURAL OR PROPANE GAS								
HG95A0503	UDH	1,3,4,5	48	45	140	688	50.0	95.0
HG95V0603	UDH	3,4,5,7,11	60	57	42	281 e	53.0	95.0
HG95A0653	UDH	1,3,4,5	64	60	140	866	66.9	95.0
HG95V0803	UDH	3,4,5,7,11	80	76	42	377 e	67.2	95.0
HG95V0804	UDH	3,4,5,7,11	80	76	42	363 e	67.5	95.0
HG95A0803	UDH	1,3,4,5	80	76	140	934	67.0	95.0
HG95A0805	UDH	1,3,4,5	80	76	140	945	67.0	95.0
HG95A1003	UDH	1,3,4,5	96	91	140	1,170	83.8	95.0
HG95A1005	UDH	1,3,4,5	96	91	140	1,198	83.8	95.0
HG95V1005	UDH	3,4,5,7,11	100	95	42	609 e	102.5	95.0
HG95V1205	UDH	3,4,5,7,11	120	114	42	927	116.0	95.0

Additional Footnotes

- 7. ECM motor
- 11. 2 Stage Furnace

HEAT CONTROLLER, INC.

Trade Name(s): Century, Comfort-Aire

NATURAL OR PROPANE GAS			NON-WEATHERIZED					
GTUA75-E3B	U	1,3,4,5,7,8,9	75	72	101	632	62.0	95.4

Trade Name(s): Century, Comfort-Aire, Rheem

NATURAL OR PROPANE GAS			NON-WEATHERIZED					
GTUA45-E3B	U	1,3,4,5,7,11,13	45	43	98	774	46.0	95.0
GTUA60-E3B	U	1,3,4,5,7,11,13	60	58	101	626	46.0	95.0
GTUA75-E4B	U	1,3,4,5,7,11,13	75	72	118	1,251	69.0	95.1
GTUA90-E5B	U	1,3,4,5,7,11,13	90	87	89	1,075	77.0	95.0

Trade Name(s): Rheem, Comfort-Aire, Century

Discontinued Models

NATURAL OR PROPANE GAS			NON-WEATHERIZED					
GTUA90-E5A	U	1,3,4,5,7,11,13	90	87	89	1,075	77.0	95.0

Additional Footnotes

- 7. Direct Vent or Non-Direct Vent.
- 8. Model also listed for use on LP (propane) gas.
- 9. Equipped with stainless steel heat exchangers.
- 11. Two-Stage input.
- 13. May have additional suffixes

INTERNATIONAL COMFORT PRODUCTS, LLC (USA)

Trade Name(s): Airquest

NATURAL OR PROPANE GAS			NON-WEATHERIZED					
H9MVX040F12	UDH	1,3,4,5,9,14	40	30	38	142 e	32.2	95.0
H9MVX060F12	UDH	1,3,4,5,9,14	60	58	39	184 e	48.4	95.0
H9UHX060F12	U	1,3,4,5	60	58	113	696	48.4	95.0
H9MVX080J20	UDH	1,3,4,5,9,14	80	77	47	336 e	79.9	95.0
H9UHX080J12	U	1,3,4,5	80	77	114	1,098	80.8	95.0
H9UHX080J16*	H	1,3,4,5	80	77	115	1,246	80.2	95.0
H9UHX080J16	U	1,3,4,5	80	77	117	1,217	80.3	95.0
H9MVX100L20	UDH	1,3,4,5,9,14	100	96	42	467 e	94.1	95.0
H9UHX100L20	U	1,3,4,5	100	96	135	1,255	97.1	95.0

Trade Name(s): Arcoaire

NATURAL OR PROPANE GAS			NON-WEATHERIZED					
H9MVX040F12	UDH	1,3,4,5,9,14	40	30	38	142 e	32.2	95.0
H9MVX060F12	UDH	1,3,4,5,9,14	60	58	39	184 e	48.4	95.0
H9UHX060F12	U	1,3,4,5	60	58	113	696	48.4	95.0
H9MVX080J20	UDH	1,3,4,5,9,14	80	77	47	336 e	79.9	95.0
H9UHX080J12	U	1,3,4,5	80	77	114	1,098	80.8	95.0

Model Number	Configuration	Footnotes	Heat Cap		Eae		AFUE	
			Input MBTUH	PE Watts	MMBTU/yr	kWh/yr	Eff %	MMBTU/yr
H9UHX080J16*	H	1,3,4,5	80	77	115	1,246	80.2	95.0
H9UHX080J16	U	1,3,4,5	80	77	117	1,217	80.3	95.0
H9MVX100L20	UDH	1,3,4,5,9,14	100	96	42	467 e	94.1	95.0
H9UHX100L20	U	1,3,4,5	100	96	135	1,255	97.1	95.0

Trade Name(s): Comfortmaker

NATURAL OR PROPANE GAS			NON-WEATHERIZED					
C9MVX040F12	UDH	1,3,4,5,9,14	40	30	38	142 e	32.2	95.0
C9MVX060F12	UDH	1,3,4,5,9,14	60	58	39	184 e	48.4	95.0
C9UHX060F12	U	1,3,4,5	60	58	113	696	48.4	95.0
C9MVX080J20	UDH	1,3,4,5,9,14	80	77	47	336 e	79.9	95.0
C9UHX080J12	U	1,3,4,5	80	77	114	1,098	80.8	95.0
C9UHX080J16*	H	1,3,4,5	80	77	115	1,246	80.2	95.0
C9UHX080J16	U	1,3,4,5	80	77	117	1,217	80.3	95.0
C9MVX100L20	UDH	1,3,4,5,9,14	100	96	42	467 e	94.1	95.0
C9UHX100L20	U	1,3,4,5	100	96	135	1,255	97.1	95.0

Trade Name(s): Day & Night

NATURAL OR PROPANE GAS			NON-WEATHERIZED					
C9MVX040F12	UDH	1,3,4,5,9,14	40	30	38	142 e	32.2	95.0
C9MVX060F12	UDH	1,3,4,5,9,14	60	58	39	184 e	48.4	95.0
C9UHX060F12	U	1,3,4,5	60	58	113	696	48.4	95.0
C9MVX080J20	UDH	1,3,4,5,9,14	80	77	47	336 e	79.9	95.0
C9UHX080J12	U	1,3,4,5	80	77	114	1,098	80.8	95.0
C9UHX080J16*	H	1,3,4,5	80	77	115	1,246	80.2	95.0
C9UHX080J16	U	1,3,4,5	80	77	117	1,217	80.3	95.0
C9MVX100L20	UDH	1,3,4,5,9,14	100	96	42	467 e	94.1	95.0
C9UHX100L20	U	1,3,4,5	100	96	135	1,255	97.1	95.0

Trade Name(s): Heil

NATURAL OR PROPANE GAS			NON-WEATHERIZED					
H9MVX040F12	UDH	1,3,4,5,9,14	40	30	38	142 e	32.2	95.0
H9MVX060F12	UDH	1,3,4,5,9,14	60	58	39	184 e	48.4	95.0
H9UHX060F12	U	1,3,4,5	60	58	113	696	48.4	95.0
H9MVX080J20	UDH	1,3,4,5,9,14	80	77	47	336 e	79.9	95.0
H9UHX080J12	U	1,3,4,5	80	77	114	1,098	80.8	95.0
H9UHX080J16*	H	1,3,4,5	80	77	115	1,246	80.2	95.0
H9UHX080J16	U	1,3,4,5	80	77	117	1,217	80.3	95.0
H9MVX100L20	UDH	1,3,4,5,9,14	100	96	42	467 e	94.1	95.0
H9UHX100L20	U	1,3,4,5	100	96	135	1,255	97.1	95.0

Trade Name(s): KeepRite

NATURAL OR PROPANE GAS			NON-WEATHERIZED					
C9MVX040F12	UDH	1,3,4,5,9,14	40	30	38	142 e	32.2	95.0
C9MVX060F12	UDH	1,3,4,5,9,14	60	58	39	184 e	48.4	95.0
C9UHX060F12	U	1,3,4,5	60	58	113	696	48.4	95.0
C9MVX080J20	UDH	1,3,4,5,9,14	80	77	47	336 e	79.9	95.0
C9UHX080J12	U	1,3,4,5	80	77	114	1,098	80.8	95.0
C9UHX080J16*	H	1,3,4,5	80	77	115	1,246	80.2	95.0
C9UHX080J16	U	1,3,4,5	80	77	117	1,217	80.3	95.0
C9MVX100L20	UDH	1,3,4,5,9,14	100	96	42	467 e	94.1	95.0
C9UHX100L20	U	1,3,4,5	100	96	135	1,255	97.1	95.0

Trade Name(s): Tempstar

NATURAL OR PROPANE GAS			NON-WEATHERIZED					
T9MVX040F12	UDH	1,3,4,5,9,14	40	30	38	142 e	32.2	95.0
T9MVX060F12	UDH	1,3,4,5,9,14	60	58	39	184 e	48.4	95.0
T9UHX060F12	U	1,3,4,5	60	58	113	696	48.4	95.0
T9MVX080J20	UDH	1,3,4,5,9,14	80	77	47	336 e	79.9	95.0
T9UHX080J12	U	1,3,4,5	80	77	114	1,098	80.8	95.0
T9UHX080J16*	H	1,3,4,5	80	77	115	1,246	80.2	95.0
T9UHX080J16	U	1,3,4,5	80	77	117	1,217	80.3	95.0
T9MVX100L20	UDH	1,3,4,5,9,14	100	96	42	467 e	94.1	95.0
T9UHX100L20	U	1,3,4,5	100	96	135	1,255	97.1	95.0

STANDARD FOOTNOTES:

- 1. Electronic Ignition
- 2. Electro-Mechanical Vent Damper(s) Specified By The Furnace Manufacturer
- 3. Power Combustion Or Power Vent
- 4. Condensing Type
- 5. Direct Vent (Includes Venting And Combustion Air Systems)

- 6. Single Package Unit (Combination Heating/Cooling)
- # Rating Voluntarily Revised Since Last Directory
- * Rating Revised By Program Since Last Directory
- e Electrically Efficient Furnace

Model Number	Configuration	Footnotes	Heat Cap		Eae kWh/yr	AFUE	
			Input MBTUH	PE Watts		MBTUH/yr	%

Additional Footnotes

- 9. Can be installed as Non-Direct Vent.
- 14. Two-Stage Input

INTERTHERM, NORDYNE INC.

Trade Name(s): Interttherm

NATURAL OR PROPANE GAS

NON-WEATHERIZED

G6TE060*-IQ	U H	1,3,4,5,11,12	60	57	73	225 e	48.7	95.8
G6TE080*-IQ	U H	1,3,4,5,11,12	80	76	73	378 e	79.2	95.5
G6TE100*-IQ	U H	1,3,4,5,11,12	100	95	78	240 e	98.6	95.5
G6TE120*-IQ	U H	1,3,4,5,11,12	120	115	89	280 e	114.6	95.5

Trade Name(s): Maytag

NATURAL OR PROPANE GAS

NON-WEATHERIZED

G6TE060*-VB	U H	1,3,4,5,11,14	60	58	48	404 e	78.7	95.1
G6TE060*-VA	U H	1,3,4,5,7,11	60	58	78	245 e	47.9	95.1
G6TE080*-VB	U H	1,3,4,5,7,11	80	77	48	404 e	78.7	95.1
G6TE100*-VB	U H	1,3,4,5,7,11	100	96	39	336 e	95.7	95.1
G6TE120*-VC	U H	1,3,4,5,7,11	120	116	49	349 e	112.5	95.1

Additional Footnotes

- 7. Eighth character may be (A, C, D, H, K, N, or X).
- 11. May have up to three character alpha-numeric suffix indicating feature variations
- 12. Ninth character may be (A, C, D, H, N, or X)
- 14. Tenth character may be (A, C, D, H, N, or X)

KELVINATOR, NORDYNE INC.

Trade Name(s): Kelvinator

NATURAL OR PROPANE GAS

NON-WEATHERIZED

KG7TC 060*-*	U H	1,3,4,5,7,11	60	57	52	189 e	48.0	95.1
KG7TL 060*-*	D	1,3,4,5,7,11	60	57	52	189 e	48.0	95.1
KG6TE060*-IQ	U H	1,3,4,5,11,14	60	57	73	225 e	48.7	95.8
KG6TE060*-VA	U H	1,3,4,5,7,11	60	58	78	245 e	47.9	95.1
KG7TC 080*-*	U H	1,3,4,5,7,11	80	76	52	214 e	65.1	95.1
KG7TL 080*-*	D	1,3,4,5,7,11	80	76	52	214 e	65.1	95.1
KG6TE080*-IQ	U H	1,3,4,5,11,14	80	76	73	378 e	79.2	95.5
KG6TE080*-VB	U H	1,3,4,5,7,11	80	77	48	404 e	78.7	95.1
KG7TC 100*-*	U H	1,3,4,5,7,11	100	95	53	326 e	96.7	95.1
KG7TL 100*-*	D	1,3,4,5,7,11	100	95	53	326 e	96.7	95.1
KG6TE100*-IQ	U H	1,3,4,5,11,14	100	95	78	240 e	98.6	95.5
KG6TE100*-VB	U H	1,3,4,5,7,11	100	96	39	336 e	95.7	95.1
KG7TC 120*-*	U H	1,3,4,5,7,11	120	114	41	442 e	113.4	95.1
KG6TE120*-IQ	U H	1,3,4,5,11,14	120	115	89	280 e	114.6	95.5
KG6TE120*-VC	U H	1,3,4,5,7,11	120	116	49	349 e	112.5	95.1

Additional Footnotes

- 7. Eighth character may be (A, C, D, H, K, N, or X).
- 11. May have up to three character alpha-numeric suffix indicating feature variations
- 14. Tenth character may be (A, C, D, H, N, or X)

LENNOX INDUSTRIES, INC.

Trade Name(s): (Dave Lennox) Signature

NATURAL OR PROPANE GAS

NON-WEATHERIZED

G71MPP-36B-070*-*	UDH	1,3,4,5,7,9,15	66	60	37	273 e	65.4	95.0
G71MPP-36C-090*-*	UDH	1,3,4,5,7,9,15	88	81	38	255 e	82.5	95.0
G71MPP-60C-090*-*	UDH	1,3,4,5,7,9,15	88	81	40	294 e	81.6	95.0
G71MPP-60C-110*-*	UDH	1,3,4,5,7,9,15	110	103	40	327 e	97.2	95.0
G71MPP-60D-135	UDH	1,3,4,5,7,9,15	132	123	34	394 e	113.3	95.0

Trade Name(s): Elite 90

NATURAL OR PROPANE GAS

NON-WEATHERIZED

G61MPV-36B-071-**-**	UDH	1,3,4,5,7,8,9,10	66	62	60	582	65.4	95.0
G61MPV-60C-091-**-**	UDH	1,3,4,5,7,8,9,10	88	84	64	840	80.7	95.0
G61MPV-60C-111-**-**	UDH	1,3,4,5,7,8,9,10	110	103	65	863	97.8	95.0

Additional Footnotes

- STANDARD FOOTNOTES:
1. Electronic Ignition
 2. Electro-Mechanical Vent Damper(s) Specified By The Furnace Manufacturer
 3. Power Combustion Or Power Vent
 4. Condensing Type
 5. Direct Vent (Includes Venting And Combustion Air Systems)

Model Number	Configuration	Footnotes	Heat Cap		Eae kWh/yr	AFUE	
			Input MBTUH	PE Watts		MBTUH/yr	%

- 7. Suffix (*) may be a letter and/or number.
- 8. Two-Stage
- 9. Variable speed circulating air blower.
- 10. May be installed as a direct vent or non-direct vent.
- 15. Variable Capacity

LUXAIRE, UNITARY PRODUCTS

Trade Name(s): Luxaire

NATURAL OR PROPANE GAS

NON-WEATHERIZED

TG9S040A08MP11	UDH	1,3,4,5,7,9	40	39	100	458	31.9	95.5
TM9V060B12MP11	UDH	1,3,4,5,7,9	60	58	60	190 e	49.4	96.0
LM9M060B12MP11	UDH	1,3,4,5,7,9	60	58	65	304	48.5	97.0
TM9M060B12MP11	UDH	1,3,4,5,7,9	60	58	65	304	48.5	97.0
LP9C060B12MP11	UDH	1,3,4,5,7,9	60	58	68	103 e	49.0	97.5
TP9C060B12MP11	UDH	1,3,4,5,7,9	60	58	68	103 e	49.0	97.5
TG9S060A10MP11	UDH	1,3,4,5,7,9	60	58	109	674	47.9	95.5
TG9S060B12MP11	UDH	1,3,4,5,7,9	60	58	124	622	48.1	95.5
TM9V080C16MP11	UDH	1,3,4,5,7,9	80	77	41	187 e	82.8	96.0
TM9V080B12MP11	UDH	1,3,4,5,7,9	80	77	50	231 e	82.6	96.0
LM9M080B12MP11	UDH	1,3,4,5,7,9	80	77	60	569	80.9	97.0
TM9M080B12MP11	UDH	1,3,4,5,7,9	80	77	60	569	80.9	97.0
LP9C080B12MP11	UDH	1,3,4,5,7,9	80	77	70	242 e	81.7	97.5
TP9C080B12MP11	UDH	1,3,4,5,7,9	80	77	70	242 e	81.7	97.5
LM9M080C16MP11	UDH	1,3,4,5,7,9	80	78	66	271 e	81.5	97.7
TP9C080C16MP11	UDH	1,3,4,5,7,9	80	78	66	271 e	81.5	97.7
LM9M080C16MP11	UDH	1,3,4,5,7,9	80	78	85	810	80.3	97.0
TM9M080C16MP11	UDH	1,3,4,5,7,9	80	78	85	810	80.3	97.0
TG9S080B12MP11	UDH	1,3,4,5,7,9	80	78	100	920	80.6	95.5
TG9S080C22MP11	UDH	1,3,4,5,7,9	80	78	120	966	80.4	95.5
TG9S080C16MP11	UDH	1,3,4,5,7,9	80	78	125	929	80.5	95.5
TM9V100C16MP11	UDH	1,3,4,5,7,9	100	96	43	248 e	99.2	96.0
TM9V100C20MP11	UDH	1,3,4,5,7,9	100	96	55	267 e	99.2	96.0
LM9M100C16MP11	UDH	1,3,4,5,7,9	100	97	69	779	96.9	97.0
TM9M100C16MP11	UDH	1,3,4,5,7,9	100	97	69	779	96.9	97.0
LM9M100C20MP11	UDH	1,3,4,5,7,9	100	97	75	603	97.2	97.0
TM9M100C20MP11	UDH	1,3,4,5,7,9	100	97	75	603	97.2	97.0
LP9C100C20MP11	UDH	1,3,4,5,7,9	100	97	85	294 e	97.7	97.7
TP9C100C20MP11	UDH	1,3,4,5,7,9	100	97	85	294 e	97.7	97.7
LP9C100C16MP11	UDH	1,3,4,5,7,9	100	97	87	393 e	97.7	97.7
TP9C100C16MP11	UDH	1,3,4,5,7,9	100	97	87	393 e	97.7	97.7
TG9S100C20MP11	UDH	1,3,4,5,7,9	100	97	123	1,118	96.6	95.5
TG9S100C16MP11	UDH	1,3,4,5,7,9	100	97	126	1,156	96.5	95.5
TM9V120D20MP11	UDH	1,3,4,5,7,9	120	115	59	282 e	115.8	96.0
LM9M120D20MP11	UDH	1,3,4,5,7,9	120	116	72	606 e	114.0	97.0
TM9M120D20MP11	UDH	1,3,4,5,7,9	120	116	72	606 e	114.0	97.0
LP9C120D20MP11	UDH	1,3,4,5,7,9	120	116	82	444 e	113.7	98.0
TP9C120D20MP11	UDH	1,3,4,5,7,9	120	116	82	444 e	113.7	98.0
TG9S120D16MP11	UDH	1,3,4,5,7,9	120	116	100	1,185	113.2	95.5
TG9S120D20MP11	UDH	1,3,4,5,7,9	120	116	124	1,311	112.7	95.5
TG9S130D20MP11	UDH	1,3,4,5,7,9	130	125	113	1,305	112.7	95.5

Discontinued Models

NATURAL OR PROPANE GAS

NON-WEATHERIZED

FL9V040A12UP12	U	1,3,4,5,7,9	40	38	55	115 e	33.3	95.0
GM9F048B12UP11	U	1,3,4,5,7,9	48	46	142	633	48.3	95.0
FL9V060B12UP12	U	1,3,4,5,7,9	60	57	58	209 e	49.8	95.0
FL9M060B12DH11	DH	1,3,4,5,7,9	60	57	67	313	49.5	95.0
FL9M060B12UP11	U	1,3,4,5,7,9	60	57	67	313	49.5	95.0
FL9C060B12DH11	DH	1,3,4,5,7,9	60	57	93	111 e	50.2	95.0
FL9C060B12UP11	U	1,3,4,5,7,9	60	57	93	111 e	50.2	95.0
GM9F064C16DH11	DH	1,3,4,5,7,9	64	62	143	1,149	63.3	95.0
GM9F064C16UP11	U	1,3,4,5,7,9	64	62	144	1,207	63.1	95.0
FL9V080C16UP12	U	1,3,4,5,7,9	80	76	59	203 e	66.7	95.0
FL9M080C16DH11	DH	3,4,5,7,9	80	76	62	450	65.8	95.0
FL9M080C16UP11	U	1,3,4,5,7,9	80	76	62	450	65.8	95.0
FL9M080B12DH11	DH	1,3,4,5,7,9	80	76	70	398	66.0	95.0
FL9M080B12UP11	U	1,3,4,5,7,9	80	76	70	398	66.0	95.0
FL9C080B12DH11	DH	1,3,4,5,7,9	80	76	89	115 e	67.0	95.0

6. Single Package Unit (Combination Heating/Cooling)
- # Rating Voluntarily Revised Since Last Directory
- * Rating Revised By Program Since Last Directory
- e Electrically Efficient Furnace

Model Number	Configuration	Footnotes	Heat Cap		Eae		AFUE	
			Input MBTUH	Watts	PE	kWh/yr	Ef	%

Model Number	Configuration	Footnotes	Heat Cap		Eae		AFUE	
			Input MBTUH	Watts	PE	kWh/yr	Ef	%

LUXAIRE, UNITARY PRODUCTS

Trade Name(s): Luxaire

Discontinued Models

NATURAL OR PROPANE GAS

NON-WEATHERIZED

FL9C080B12UP11	U	1,3,4,5,7,9	80	76	89	115 e	67.0	95.0
FL9C080C16DH11	DH	1,3,4,5,7,9	80	76	92	117 e	67.0	95.0
FL9C080C16UP11	U	1,3,4,5,7,9	80	76	92	117 e	67.0	95.0
GM9F080C16DH11	DH	1,3,4,5,7,9	80	77	125	1,275	79.7	95.0
GM9F080C16UP11	U	1,3,4,5,7,9	80	77	137	1,228	79.9	95.0
GM9F096D20UP11	U	1,3,4,5,7,9	96	91	140	1,371	79.4	95.0
FL9V100C20UP12	U	1,3,4,5,7,9	100	95	47	463 e	99.5	95.0
FL9M100C20DH11	DH	1,3,4,5,7,9	100	95	65	596	99.0	95.0
FL9M100C20UP11	U	1,3,4,5,7,9	100	95	65	596	99.0	95.0
FL9M100C16DH11	DH	1,3,4,5,7,9	100	95	67	611	99.0	95.0
FL9M100C16UP11	U	1,3,4,5,7,9	100	95	67	611	99.0	95.0
FL9C100C16DH11	DH	1,3,4,5,7,9	100	95	93	184 e	100.5	95.0
FL9C100C16UP11	U	1,3,4,5,7,9	100	95	93	184 e	100.5	95.0
FL9C100C20UP11	U	1,3,4,5,7,9	100	95	100	184 e	100.5	95.0
FL9C100C20DH11	DH	1,3,4,5,7,9	100	95	101	184 e	100.5	95.0
FL9V120D20UP12	U	1,3,4,5,7,9	120	115	57	659 e	115.6	95.0
FL9M120D20DH11	DH	1,3,4,5,7,9	120	115	65	696	115.5	95.0
FL9M120D20UP11	U	1,3,4,5,7,9	120	115	65	696	115.5	95.0
FL9C120D20DH11	DH	1,3,4,5,7,9	120	115	100	185 e	117.3	95.0
FL9C120D20UP11	U	1,3,4,5,7,9	120	115	100	185 e	117.3	95.0

Additional Footnotes

- 7. Direct Vent or Non-Direct Vent.
- 9. Model number may have suffix letter (A-Z) or up to three suffix numbers and/or letters

MAYTAG, NORDYNE INC.

Trade Name(s): Maytag

NATURAL OR PROPANE GAS

NON-WEATHERIZED

MGC2TC060D*	U H	1,3,4,5,7,11	60	57	52	189 e	48.0	95.1
MGC2TL060**	D	1,3,4,5,7,11	60	57	52	189 e	48.0	95.1
PGC2TC060**	U H	1,3,4,5,7,11	60	57	52	189 e	48.0	95.1
PGC2TL060D*	D	1,3,4,5,7,11	60	57	52	189 e	48.0	95.1
MGF1TE060*-IQ	U H	1,3,4,5,11,14	60	57	73	225 e	48.7	95.8
PGF1TE060*-IQ	U H	1,3,4,5,11,14	60	57	73	225 e	48.7	95.8
MGF1TE060*-VA	U H	1,3,4,5,7,11	60	58	78	245 e	47.9	95.1
PGF1TE060*-VA	U H	1,3,4,5,7,11	60	58	78	245 e	47.9	95.1
PGC2MQ 060*-VB	U H	1,3,4,5,9,11	60	58	91	253 e	47.2	97.0
MGC2TC080D*	U H	1,3,4,5,7,11	80	76	52	214 e	65.1	95.1
MGC2TL080**	D	1,3,4,5,7,11	80	76	52	214 e	65.1	95.1
PGC2TC080**	U H	1,3,4,5,7,11	80	76	52	214 e	65.1	95.1
PGC2TL080D*	D	1,3,4,5,7,11	80	76	52	214 e	65.1	95.1
MGF1TE080*-IQ	U H	1,3,4,5,11,14	80	76	73	378 e	79.2	95.5
PGF1TE080*-IQ	U H	1,3,4,5,11,14	80	76	73	378 e	79.2	95.5
MGF1TE080*-VB	U H	1,3,4,5,7,11	80	77	48	404 e	78.7	95.1
PGF1TE080*-VB	U H	1,3,4,5,7,11	80	77	48	404 e	78.7	95.1
PGC2MQ 080*-VC	U H	1,3,4,5,9,11	80	77	75	391 e	78.7	97.2
MGC2TC100D*	U H	1,3,4,5,7,11	100	95	53	326 e	96.7	95.1
MGC2TL100**	D	1,3,4,5,7,11	100	95	53	326 e	96.7	95.1
PGC2TC100**	U H	1,3,4,5,7,11	100	95	53	326 e	96.7	95.1
PGC2TL100D*	D	1,3,4,5,7,11	100	95	53	326 e	96.7	95.1
MGF1TE100*-IQ	U H	1,3,4,5,11,14	100	95	78	240 e	98.6	95.5
PGF1TE100*-IQ	U H	1,3,4,5,11,14	100	95	78	240 e	98.6	95.5
MGF1TE100*-VB	U H	1,3,4,5,7,11	100	96	39	336 e	95.7	95.1
PGF1TE100*-VB	U H	1,3,4,5,7,11	100	96	39	336 e	95.7	95.1
PGC2MQ 100*-VC	U H	1,3,4,5,9,11	100	97	89	370 e	92.8	97.4
MGC2TC120D*	U H	1,3,4,5,7,11	120	114	41	442 e	113.4	95.1
PGC2TC120**	U H	1,3,4,5,7,11	120	114	41	442 e	113.4	95.1
MGF1TE120*-IQ	U H	1,3,4,5,11,14	120	115	89	280 e	114.6	95.5
PGF1TE120*-IQ	U H	1,3,4,5,11,14	120	115	89	280 e	114.6	95.5
MGF1TE120*-VC	U H	1,3,4,5,7,11	120	116	49	349 e	112.5	95.1
PGF1TE120*-VC	U H	1,3,4,5,7,11	120	116	49	349 e	112.5	95.1
PGC2MQ 120*-VD	U H	1,3,4,5,9,11	120	116	67	593 e	105.7	97.0

STANDARD FOOTNOTES:

- 1. Electronic Ignition
- 2. Electro-Mechanical Vent Damper(s) Specified By The Furnace Manufacturer
- 3. Power Combustion Or Power Vent
- 4. Condensing Type
- 5. Direct Vent (Includes Venting And Combustion Air Systems)

Additional Footnotes

- 7. Eighth character may be (A, C, D, H, K, N, or X).
- 9. Ninth character may be (A, C, D, H, N, or X).
- 11. May have up to three character alpha-numeric suffix indicating feature variations
- 14. Tenth character may be (A, C, D, H, N, or X)

MILLER, NORDYNE INC.

Trade Name(s): Miller

NATURAL OR PROPANE GAS

NON-WEATHERIZED

KG6TE060*-VA	U H	1,3,4,5,7,11	60	58	78	245 e	47.9	95.1
KG6TE080*-VB	U H	1,3,4,5,7,11	80	77	48	404 e	78.7	95.1
KG6TE100*-VB	U H	1,3,4,5,7,11	100	96	39	336 e	95.7	95.1
KG6TE120*-VC	U H	1,3,4,5,7,11	120	116	49	349 e	112.5	95.1

Additional Footnotes

- 7. Eighth character may be (A, C, D, H, K, N, or X).
- 11. May have up to three character alpha-numeric suffix indicating feature variations

NUTONE, NORDYNE, INC.

Trade Name(s): Intertherm

NATURAL OR PROPANE GAS

NON-WEATHERIZED

FG6TE060*-IQ	U H	1,3,4,5,11,12	60	57	73	225 e	48.7	95.8
FG6TE080*-IQ	U H	1,3,4,5,11,12	80	76	73	378 e	79.2	95.5
FG6TE100*-IQ	U H	1,3,4,5,11,12	100	95	78	240 e	98.6	95.5
FG6TE120*-IQ	U H	1,3,4,5,11,12	120	115	89	280 e	114.6	95.5

Trade Name(s): Nutone

NATURAL OR PROPANE GAS

NON-WEATHERIZED

FG7TC 060**	U H	1,3,4,5,7,11	60	57	52	189 e	48.0	95.1
FG7TL 060**	D	1,3,4,5,7,11	60	57	52	189 e	48.0	95.1
KG7TC 060**	U H	1,3,4,5,7,11	60	57	52	189 e	48.0	95.1
KG7TL 060**	D	1,3,4,5,7,11	60	57	52	189 e	48.0	95.1
FG6TE060*-VA	U H	1,3,4,5,7,11	60	58	78	245 e	47.9	95.1
FG7MQ 060*-VB	U H	1,3,4,5,9,11	60	58	91	253 e	47.2	97.0
FG7TC 080**	U H	1,3,4,5,7,11	80	76	52	214 e	65.1	95.1
FG7TL 080**	D	1,3,4,5,7,11	80	76	52	214 e	65.1	95.1
KG7TC 080**	U H	1,3,4,5,7,11	80	76	52	214 e	65.1	95.1
KG7TL 080**	D	1,3,4,5,7,11	80	76	52	214 e	65.1	95.1
FG6TE080*-VB	U H	1,3,4,5,7,11	80	77	48	404 e	78.7	95.1
FG7MQ 080*-VC	U H	1,3,4,5,9,11	80	77	75	391 e	78.7	97.2
FG7TC 100**	U H	1,3,4,5,7,11	100	95	53	326 e	96.7	95.1
FG7TL 100**	D	1,3,4,5,7,11	100	95	53	326 e	96.7	95.1
KG7TC 100**	U H	1,3,4,5,7,11	100	95	53	326 e	96.7	95.1
KG7TL 100**	D	1,3,4,5,7,11	100	95	53	326 e	96.7	95.1
FG6TE100*-VB	U H	1,3,4,5,7,11	100	96	39	336 e	95.7	95.1
FG7MQ 100*-VC	U H	1,3,4,5,9,11	100	97	89	370 e	92.8	97.4
FG7TC 120**	U H	1,3,4,5,7,11	120	114	41	442 e	113.4	95.1
KG7TC 120**	U H	1,3,4,5,7,11	120	114	41	442 e	113.4	95.1
FG6TE120*-VC	U H	1,3,4,5,7,11	120	116	49	349 e	112.5	95.1
FG7MQ 120*-VD	U H	1,3,4,5,9,11	120	116	67	593 e	105.7	97.0

Additional Footnotes

- 7. Eighth character may be (A, C, D, H, K, N, or X).
- 9. Ninth character may be (A, C, D, H, N, or X).
- 11. May have up to three character alpha-numeric suffix indicating feature variations
- 12. Ninth character may be (A, C, D, H, N, or X)

ONEIDA ROYAL

Trade Name(s): Royal Air, Ultraheat, Ultramax III

NATURAL OR PROPANE GAS

NON-WEATHERIZED

GTH 85	U	1,3,4,5	85	81	75	1,089	79.6	95.0
GTH 100	U	1,3,4,5	100	95	75	1,294	98.6	95.0

PAYNE HEATING & COOLING

Trade Name(s): Payne

NATURAL OR PROPANE GAS

NON-WEATHERIZED

PG9YAA036060A*SS	U	1,3,4,5	60	58	113	696	48.4	95.0
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- 6. Single Package Unit (Combination Heating/Cooling)
- # Rating Voluntarily Revised Since Last Directory
- * Rating Revised By Program Since Last Directory
- e Electrically Efficient Furnace

Model Number	Configuration	Footnotes	Heat Cap			Eae			AFUE %
			Input MBTUH	PE Watts	Ef MMBTU/yr	MBTUH	kWh/yr	MMBTU/yr	
PAYNE HEATING & COOLING									
Trade Name(s): Payne									
<u>NATURAL OR PROPANE GAS</u>									
PG9YAA036080A*SS	U	1,3,4,5	80	77	114	1,098	80.8	95.0	
PG9YAA048080A*SS	H	1,3,4,5	80	77	115	1,246	80.2	95.0	
PG9YAA048080A*SS	U	1,3,4,5	80	77	117	1,217	80.3	95.0	
PG9YAA060100A*SS	U	1,3,4,5	100	96	135	1,255	97.1	95.0	

PHILCO, NORDYNE INC.**Trade Name(s): Philco****NATURAL OR PROPANE GAS****NON-WEATHERIZED**

KG7TC 060*-*	U H	1,3,4,5,7,11	60	57	52	189 e	48.0	95.1
KG7TL 060*-*	D	1,3,4,5,7,11	60	57	52	189 e	48.0	95.1
KG6TE060*-IQ	U H	1,3,4,5,11,14	60	57	73	225 e	48.7	95.8
KG6TE060*-VA	U H	1,3,4,5,7,11	60	58	78	245 e	47.9	95.1
KG7TC 080*-*	U H	1,3,4,5,7,11	80	76	52	214 e	65.1	95.1
KG7TL 080*-*	D	1,3,4,5,7,11	80	76	52	214 e	65.1	95.1
KG6TE080*-IQ	U H	1,3,4,5,11,14	80	76	73	378 e	79.2	95.5
KG6TE080*-VB	U H	1,3,4,5,7,11	80	77	48	404 e	78.7	95.1
KG7TC 100*-*	U H	1,3,4,5,7,11	100	95	53	326 e	96.7	95.1
KG7TL 100*-*	D	1,3,4,5,7,11	100	95	53	326 e	96.7	95.1
KG6TE100*-IQ	U H	1,3,4,5,11,14	100	95	78	240 e	98.6	95.5
KG6TE100*-VB	U H	1,3,4,5,7,11	100	96	39	336 e	95.7	95.1
KG7TC 120*-*	U H	1,3,4,5,7,11	120	114	41	442 e	113.4	95.1
KG6TE120*-IQ	U H	1,3,4,5,11,14	120	115	89	280 e	114.6	95.5
KG6TE120*-VC	U H	1,3,4,5,7,11	120	116	49	349 e	112.5	95.1

Additional Footnotes

7. Eighth character may be (A, C, D, H, K, N, or X).
 11. May have up to three character alpha-numeric suffix indicating feature variations
 14. Tenth character may be (A, C, D, H, N, or X)

RHEEM AIR CONDITIONING DIVISION**Trade Name(s): Rheem****NATURAL OR PROPANE GAS****NON-WEATHERIZED**

RGRL-04(E,N)MAES	U	1,3,4,5,7,11,13	45	43	98	774	46.0	95.0
RGRL-06(E,N)MAES	U	1,3,4,5,7,11,13	60	58	101	626	46.0	95.0
RGRL-07(E,N)MAES	U	1,3,4,5,7,8,9	75	72	101	632	62.0	95.4
RGRL-07(E,N)YBGS	U	1,3,4,5,7,11,13	75	72	118	1,251	69.0	95.1
RGRL-09(E,N)ZAJA	U	1,3,4,5,7,11,13	90	87	89	1,075	77.0	95.0

Discontinued Models**NATURAL OR PROPANE GAS****NON-WEATHERIZED**

RGRL-07(E,N)YBGS	U	1,3,4,5,7,11,13	75	72	118	1,251	69.0	95.1
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Additional Footnotes

7. Direct Vent or Non-Direct Vent.
 8. Model also listed for use on LP (propane) gas.
 9. Equipped with stainless steel heat exchangers.
 11. Two-Stage input.
 13. May have additional suffixes

RHEEM MANUFACTURING COMPANY**Trade Name(s): Richmond, SURE****NATURAL OR PROPANE GAS****NON-WEATHERIZED**

GF902U045BS36	U	1,3,4,5,7,11,13	45	43	98	774	46.0	95.0
GF902U060BS36	U	1,3,4,5,7,11,13	60	58	101	626	46.0	95.0
GF902U090BS60	U	1,3,4,5,7,11,13	90	87	89	1,075	77.0	95.0

Trade Name(s): SURE, Richmond**NATURAL OR PROPANE GAS****NON-WEATHERIZED**

GF902U075AS36	U	1,3,4,5,7,8,9	75	72	101	632	62.0	95.4
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Additional Footnotes

1. Electronic Ignition
 2. Electro-Mechanical Vent Damper(s) Specified By The Furnace Manufacturer
 3. Power Combustion Or Power Vent
 4. Condensing Type
 5. Direct Vent (Includes Venting And Combustion Air Systems)

7. Direct Vent or Non-Direct Vent.
 8. Model also listed for use on LP (propane) gas.
 9. Equipped with stainless steel heat exchangers.
 11. Two-Stage input.
 13. May have additional suffixes

RUUD AIR CONDITIONING DIVISION**Trade Name(s): Ruud****NATURAL OR PROPANE GAS****NON-WEATHERIZED**

UGRL-04(E,N)MAES	U	1,3,4,5,7,11,13	45	43	98	774	46.0	95.0
UGRL-06(E,N)MAES	U	1,3,4,5,7,11,13	60	58	101	626	46.0	95.0
UGRL-07(E,N)MAES	U	1,3,4,5,7,8,9	75	72	101	632	62.0	95.4
UGRL-07(E,N)YBGS	U	1,3,4,5,7,11,13	75	72	118	1,251	69.0	95.1
UGRL-09(E,N)ZAJA	U	1,3,4,5,7,11,13	90	87	89	1,075	77.0	95.0

Additional Footnotes

7. Direct Vent or Non-Direct Vent.
 8. Model also listed for use on LP (propane) gas.
 9. Equipped with stainless steel heat exchangers.
 11. Two-Stage input.
 13. May have additional suffixes

SEARS, ROEBUCK AND COMPANY**Trade Name(s): Kenmore****NATURAL OR PROPANE GAS****NON-WEATHERIZED**

H9MVX040F12	U DH	1,3,4,5,9,14	40	30	38	142 e	32.2	95.0
H9MVX060F12	U DH	1,3,4,5,9,14	60	58	39	184 e	48.4	95.0
C9UHX060F12	U	1,3,4,5	60	58	113	696	48.4	95.0
H9UHX060F12	U	1,3,4,5	60	58	113	696	48.4	95.0
T9UHX060F12	U	1,3,4,5	60	58	113	696	48.4	95.0
H9MVX080J20	U DH	1,3,4,5,9,14	80	77	47	336 e	79.9	95.0
C9UHX080J12	U	1,3,4,5	80	77	114	1,098	80.8	95.0
H9UHX080J12	U	1,3,4,5	80	77	114	1,098	80.8	95.0
T9UHX080J12	U	1,3,4,5	80	77	114	1,098	80.8	95.0
C9UHX080J16*	H	1,3,4,5	80	77	115	1,246	80.2	95.0
H9UHX080J16*	H	1,3,4,5	80	77	115	1,246	80.2	95.0
T9UHX080J16*	H	1,3,4,5	80	77	115	1,246	80.2	95.0
C9UHX080J16	U	1,3,4,5	80	77	117	1,217	80.3	95.0
H9UHX080J16	U	1,3,4,5	80	77	117	1,217	80.3	95.0
T9UHX080J16	U	1,3,4,5	80	77	117	1,217	80.3	95.0
H9MVX100L20	U DH	1,3,4,5,9,14	100	96	42	467 e	94.1	95.0
C9UHX100L20	U	1,3,4,5	100	96	135	1,255	97.1	95.0
H9UHX100L20	U	1,3,4,5	100	96	135	1,255	97.1	95.0
T9UHX100L20	U	1,3,4,5	100	96	135	1,255	97.1	95.0

Additional Footnotes

9. Can be installed as Non-Direct Vent.
 14. Two-Stage Input

TAPPAN, NORDYNE INC.**Trade Name(s): Tappan****NATURAL OR PROPANE GAS****NON-WEATHERIZED**

FG7TC 060*-*	U H	1,3,4,5,7,11	60	57	52	189 e	48.0	95.1
FG7TL 060*-*	D	1,3,4,5,7,11	60	57	52	189 e	48.0	95.1
FG6TE060*-IQ	U H	1,3,4,5,11,14	60	57	73	225 e	48.7	95.8
FG6TE060*-VA	U H	1,3,4,5,7,11	60	58	78	245 e	47.9	95.1
FG7MQ 060*-VB	U H	1,3,4,5,9,11	60	58	91	253 e	47.2	97.0
FG7TC 080*-*	U H	1,3,4,5,7,11	80	76	52	214 e	65.1	95.1
FG7TL 080*-*	D	1,3,4,5,7,11	80	76	52	214 e	65.1	95.1
FG6TE080*-IQ	U H	1,3,4,5,11,14	80	76	73	378 e	79.2	95.5
FG6TE080*-VB	U H	1,3,4,5,7,11	80	77	48	404 e	78.7	95.1
FG7MQ 080*-VC	U H	1,3,4,5,9,11	80	77	75	391 e	78.7	97.2
FG7TC 100*-*	U H	1,3,4,5,7,11	100	95	53	326 e	96.7	95.1
FG7TL 100*-*	D	1,3,4,5,7,11	100	95	53	326 e	96.7	95.1
FG6TE100*-IQ	U H	1,3,4,5,11,14	100	95	78	240 e	98.6	95.5
FG6TE100*-VB	U H	1,3,4,5,7,11	100	96	39	336 e	95.7	95.1
FG7MQ 100*-VC	U H	1,3,4,5,9,11	100	97	89	370 e	92.8	97.4
FG7TC 120*-*	U H	1,3,4,5,7,11	120	114	41	442 e	113.4	95.1
FG6TE120*-IQ	U H	1,3,4,5,11,14	120	115	89	280 e	114.6	95.5

STANDARD FOOTNOTES:

1. Electronic Ignition
 2. Electro-Mechanical Vent Damper(s) Specified By The Furnace Manufacturer
 3. Power Combustion Or Power Vent
 4. Condensing Type
 5. Direct Vent (Includes Venting And Combustion Air Systems)

6. Single Package Unit (Combination Heating/Cooling)
 # Rating Voluntarily Revised Since Last Directory
 * Rating Revised By Program Since Last Directory
 e Electrically Efficient Furnace

Model Number	Configuration	Footnotes	Heat Cap			Eae		AFUE	
			Input MBTUH	PE Watts	Ef MMBTU/yr	MBTUH	kWh/yr	%	%

TAPPAN, NORDYNE INC.

Trade Name(s): Tappan

NATURAL OR PROPANE GAS

NON-WEATHERIZED

FG6TE120*-VC	U H	1,3,4,5,7,11	120	116	49	349	e 112.5	95.1
FG7MQ 120*-VD	U H	1,3,4,5,9,11	120	116	67	593	e 105.7	97.0

Additional Footnotes

- 7. Eighth character may be (A, C, D, H, K, N, or X).
- 9. Ninth character may be (A, C, D, H, N, or X).
- 11. May have up to three character alpha-numeric suffix indicating feature variations
- 14. Tenth character may be (A, C, D, H, N, or X)

THERMAL ZONE, NORDYNE INC.

Trade Name(s): Thermal Zone

NATURAL OR PROPANE GAS

NON-WEATHERIZED

KG7TL 060*-*	D	1,3,4,5,7,11	60	57	52	189	e 48.0	95.1
KG6TE060*-IQ	U H	1,3,4,5,11,14	60	57	73	225	e 48.7	95.8
KG6TE060*-VA	U H	1,3,4,5,7,11	60	58	78	245	e 47.9	95.1
KG7TL 080*-*	D	1,3,4,5,7,11	80	76	52	214	e 65.1	95.1
KG6TE080*-IQ	U H	1,3,4,5,11,14	80	76	73	378	e 79.2	95.5
KG6TE080*-VB	U H	1,3,4,5,7,11	80	77	48	404	e 78.7	95.1
KG7TL 100*-*	D	1,3,4,5,7,11	100	95	53	326	e 96.7	95.1
KG6TE100*-IQ	U H	1,3,4,5,11,14	100	95	78	240	e 98.6	95.5
KG6TE100*-VB	U H	1,3,4,5,7,11	100	96	39	336	e 95.7	95.1
KG6TE120*-IQ	U H	1,3,4,5,11,14	120	115	89	280	e 114.6	95.5
KG6TE120*-VC	U H	1,3,4,5,7,11	120	116	49	349	e 112.5	95.1

Discontinued Models

NATURAL OR PROPANE GAS

NON-WEATHERIZED

KG7TC 060*-*	U H	1,3,4,5,7,11	60	57	52	189	e 48.0	95.1
KG7TC 080*-*	U H	1,3,4,5,7,11	80	76	52	214	e 65.1	95.1
KG7TC 100*-*	U H	1,3,4,5,7,11	100	95	53	326	e 96.7	95.1
KG7TC 120*-*	U H	1,3,4,5,7,11	120	114	41	442	e 113.4	95.1

Additional Footnotes

- 7. Eighth character may be (A, C, D, H, K, N, or X).
- 11. May have up to three character alpha-numeric suffix indicating feature variations
- 14. Tenth character may be (A, C, D, H, N, or X)

THERMO-PRODUCTS, LLC.

Trade Name(s): Thermo Pride

NATURAL OR PROPANE GAS

NON-WEATHERIZED

CHBI-50	U	1,3,4,5	50	47	119	306	49.9	95.0
CHX1-75N	U	1,3,4,5,9,10	75	71	93	172	e 66.4	95.0
CHBI-100	U	1,3,4,5	100	94	126	767	98.8	95.0
CHX1-100N	U	1,3,4,5,9,10	100	95	95	347	e 98.9	95.0
CHX1-125N	U	1,3,4,5,9,10	125	117	97	350	e 115.0	95.0

Additional Footnotes

- 9. Constant air flow rate.
- 10. Two-stage burner operation.

TRANE PRODUCTS

Trade Name(s): XC95

NATURAL OR PROPANE GAS

NON-WEATHERIZED

TUH3B060ACV3VA	U H	1,3,4,5,9	60	57	50	206	e 48.0	95.0
TDH3B080ACV3VA	DH	1,3,4,5,9	80	74	110	304	e 63.0	95.0
TUH3B080ACV3VA	U H	1,3,4,5,9	80	75	70	246	e 64.0	95.0
TUH3C100ACV4VA	U H	1,3,4,5,9	100	94	70	531	e 94.0	95.0
TDH3C100ACV4VA	DH	1,3,4,5,9	100	95	100	500	e 94.0	95.0
TUH3D120ACV5VA	U H	1,3,4,5,9	120	114	70	487	e 110.0	95.0

Trade Name(s): XR90

NATURAL OR PROPANE GAS

NON-WEATHERIZED

TUX1B040A9241A*	U H	1,3,4,5,9	40	38	75	346	33.7	95.0
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Trade Name(s): XV95

STANDARD FOOTNOTES:

- 1. Electronic Ignition
- 2. Electro-Mechanical Vent Damper(s) Specified By The Furnace Manufacturer
- 3. Power Combustion Or Power Vent
- 4. Condensing Type
- 5. Direct Vent (Includes Venting And Combustion Air Systems)

Model Number	Configuration	Footnotes	Heat Cap			Eae		AFUE	
			Input MBTUH	PE Watts	Ef MMBTU/yr	MBTUH	kWh/yr	%	%

NATURAL OR PROPANE GAS

NON-WEATHERIZED

TDH2B060A9V3VA*	DH	1,3,4,5,9	60	58	75	210	e 48.0	95.0
TUH2B060A9V3VA*	U H	1,3,4,5,9	60	58	75	206	e 47.2	96.7
TUH2B080A9V3VA*	U H	1,3,4,5,9	80	76	75	289	e 63.7	95.0
TDH2B080A9V3VA*	DH	1,3,4,5,9	80	76	89	325	e 63.5	95.0
TDH2C100A9V4VA*	DH	1,3,4,5,9	100	95	89	481	e 95.6	95.0
TUH2C100A9V4VA*	U H	1,3,4,5,9	100	95	89	482	e 95.4	95.0
TDH2D120A9V5VA*	DH	1,3,4,5,9	120	114	100	532	e 111.4	95.0
TUH2D120A9V5VA*	U H	1,3,4,5,9	120	115	100	490	e 110.2	95.5

Additional Footnotes

- 9. The 15th character may be a letter from A to Z.

UNITARY PRODUCTS GROUP

Trade Name(s): AirPro, Dayton, Fraser-Johnston, Guardian, ProFlo Aire

Discontinued Models

NATURAL OR PROPANE GAS

NON-WEATHERIZED

GM9V040A12UP12	U	1,3,4,5,7,9	40	38	55	115	e 33.3	95.0
GM9V060B12UP12	U	1,3,4,5,7,9	60	57	58	209	e 49.8	95.0
GM9V080C16UP12	U	1,3,4,5,7,9	80	76	59	203	e 66.7	95.0
GM9V100C20UP12	U	1,3,4,5,7,9	100	95	47	463	e 99.5	95.0
GM9V120D20UP12	U	1,3,4,5,7,9	120	115	57	659	e 115.6	95.0

Additional Footnotes

- 7. Direct Vent or Non-Direct Vent.
- 9. Model number may have suffix letter (A-Z) or up to three suffix numbers and/or letters

WESTINGHOUSE, NORDYNE INC.

Trade Name(s): Westinghouse

NATURAL OR PROPANE GAS

NON-WEATHERIZED

FG7TC 060*-*	U H	1,3,4,5,7,11	60	57	52	189	e 48.0	95.1
FG7TL 060*-*	D	1,3,4,5,7,11	60	57	52	189	e 48.0	95.1
FG6TE060*-IQ	U H	1,3,4,5,11,14	60	57	73	225	e 48.7	95.8
FG6TE060*-VA	U H	1,3,4,5,7,11	60	58	78	245	e 47.9	95.1
FG7MQ 060*-VB	U H	1,3,4,5,9,11	60	58	91	253	e 47.2	97.0
FG7TC 080*-*	U H	1,3,4,5,7,11	80	76	52	214	e 65.1	95.1
FG7TL 080*-*	D	1,3,4,5,7,11	80	76	52	214	e 65.1	95.1
FG6TE080*-IQ	U H	1,3,4,5,11,14	80	76	73	378	e 79.2	95.5
FG6TE080*-VB	U H	1,3,4,5,7,11	80	77	48	404	e 78.7	95.1
FG7MQ 080*-VC	U H	1,3,4,5,9,11	80	77	75	391	e 78.7	97.2
FG7TC 100*-*	U H	1,3,4,5,7,11	100	95	53	326	e 96.7	95.1
FG7TL 100*-*	D	1,3,4,5,7,11	100	95	53	326	e 96.7	95.1
FG6TE100*-IQ	U H	1,3,4,5,11,14	100	95	78	240	e 98.6	95.5
FG6TE100*-VB	U H	1,3,4,5,7,11	100	96	39	336	e 95.7	95.1
FG7MQ 100*-VC	U H	1,3,4,5,9,11	100	97	89	370	e 92.8	97.4
FG7TC 120*-*	U H	1,3,4,5,7,11	120	114	41	442	e 113.4	95.1
FG6TE120*-IQ	U H	1,3,4,5,11,14	120	115	89	280	e 114.6	95.5
FG6TE120*-VC	U H	1,3,4,5,7,11	120	116	49	349	e 112.5	95.1
FG7MQ 120*-VD	U H	1,3,4,5,9,11	120	116	67	593	e 105.7	97.0

Additional Footnotes

- 7. Eighth character may be (A, C, D, H, K, N, or X).
- 9. Ninth character may be (A, C, D, H, N, or X).
- 11. May have up to three character alpha-numeric suffix indicating feature variations
- 14. Tenth character may be (A, C, D, H, N, or X)

WHIRLPOOL HOME COOLING AND HEATING

Trade Name(s): Whirlpool

NATURAL OR PROPANE GAS

NON-WEATHERIZED

WGFEC040B12-2	U H	1,3,4,5,7,8,9	40	38	60	106	e 33.8	95.0
WGFET040B12-2	U H	1,3,4,5,7,8,9	40	38	60	106	e 33.8	95.0
WGFEC060B14-2	U H	1,3,4,5,7,8,9	60	57	60	134	e 51.8	95.0
WGFET060B14-2	U H	1,3,4,5,7,8,9	60	57	60	134	e 51.8	95.0
WGFEC080C16-2	U H	1,3,4,5,7,8,9	80	76	96	191	e 67.3	95.0
WGFEC080C20-2	U H	1,3,4,5,7,8,9	80	76	96	191	e 67.3	95.0
WGFET080C16-2	U H	1,3,4,5,7,8,9	80	76	96	191	e 67.3	95.0
WGFET080C20-2	U H	1,3,4,5,7,8,9	80	76	96	191	e 67.3	95.0
WGFEC100D20-2	U H	1,3,4,5,7,8,9	100	95	96	214	e 83.9	95.0

- 6. Single Package Unit (Combination Heating/Cooling)
- # Rating Voluntarily Revised Since Last Directory
- * Rating Revised By Program Since Last Directory
- e Electrically Efficient Furnace

Model Number	Configuration	Footnotes	Heat Cap			Eae			AFUE								
			Input MBTUH	PE Watts	Ef MMBTU/yr	MBTUH	kWh/yr	%	Model Number	Configuration	Footnotes	Input MBTUH	PE Watts	Ef MMBTU/yr	MBTUH	kWh/yr	%
WHIRLPOOL HOME COOLING AND HEATING																	
Trade Name(s): Whirlpool																	
NATURAL OR PROPANE GAS																	
NON-WEATHERIZED																	
WGFE100C20-2	U H	1,3,4,5,7,8,9	100	95	96	214	e	83.9	95.0								
Additional Footnotes																	
7. May be installed as Direct Vent (optional)																	
8. Asterisks in model number can be replaced by any (or no) letter or digit.																	
9. Two-Stage input and variable speed circulating air blower.																	
WOLF STEEL LTD.																	
Trade Name(s): Napoleon																	
NATURAL OR PROPANE GAS																	
NON-WEATHERIZED																	
NG95A0503	UDH	1,3,4,5	48	45	140	688	50.0	95.0									
NG95V0603	UDH	3,4,5,7,11	60	57	42	281	e	53.0	95.0								
NG95A0653	UDH	1,3,4,5	64	60	140	866	66.9	95.0									
NG95V0803	UDH	3,4,5,7,11	80	76	42	377	e	67.2	95.0								
NG95V0804	UDH	3,4,5,7,11	80	76	42	363	e	67.5	95.0								
NG95A0803	UDH	1,3,4,5	80	76	140	934	67.0	95.0									
NG95A0805	UDH	1,3,4,5	80	76	140	945	67.0	95.0									
NG95A1003	UDH	1,3,4,5	96	91	140	1,170	83.8	95.0									
NG95A1005	UDH	1,3,4,5	96	91	140	1,198	83.8	95.0									
NG95V1005	UDH	3,4,5,7,11	100	95	42	609	e	102.5	95.0								
NG95V1205	UDH	3,4,5,7,11	120	114	42	927	116.0	95.0									
Additional Footnotes																	
7. ECM motor																	
11. 2 Stage Furnace																	
YORK, UNITARY PRODUCTS																	
Trade Name(s): Coleman, Luxaire, York																	
NATURAL OR PROPANE GAS																	
NON-WEATHERIZED																	
TG9S040A08MP11	UDH	1,3,4,5,7,9	40	39	100	458	31.9	95.5									
TG9S060A10MP11	UDH	1,3,4,5,7,9	60	58	109	674	47.9	95.5									
TG9S060B12MP11	UDH	1,3,4,5,7,9	60	58	124	622	48.1	95.5									
TG9S080B12MP11	UDH	1,3,4,5,7,9	80	78	100	920	80.6	95.5									
TG9S080C22MP11	UDH	1,3,4,5,7,9	80	78	120	966	80.4	95.5									
TG9S080C16MP11	UDH	1,3,4,5,7,9	80	78	125	929	80.5	95.5									
TG9S100C20MP11	UDH	1,3,4,5,7,9	100	97	123	1,118	96.6	95.5									
TG9S100C16MP11	UDH	1,3,4,5,7,9	100	97	126	1,156	96.5	95.5									
TG9S120D16MP11	UDH	1,3,4,5,7,9	120	116	100	1,185	113.2	95.5									
TG9S120D20MP11	UDH	1,3,4,5,7,9	120	116	124	1,311	112.7	95.5									
TG9S130D20MP11	UDH	1,3,4,5,7,9	130	125	113	1,305	112.7	95.5									
Trade Name(s): York																	
NATURAL OR PROPANE GAS																	
NON-WEATHERIZED																	
TM9V060B12MP11	UDH	1,3,4,5,7,9	60	58	60	190	e	49.4	96.0								
TM9M060B12MP11	UDH	1,3,4,5,7,9	60	58	65	304	48.5	97.0									
YM9M060B12MP11	UDH	1,3,4,5,7,9	60	58	65	304	48.5	97.0									
TP9C060B12MP11	UDH	1,3,4,5,7,9	60	58	68	103	e	49.0	97.5								
YP9C060B12MP11	UDH	1,3,4,5,7,9	60	58	68	103	e	49.0	97.5								
TM9V080C16MP11	UDH	1,3,4,5,7,9	80	77	41	187	e	82.8	96.0								
TM9V080B12MP11	UDH	1,3,4,5,7,9	80	77	50	231	e	82.6	96.0								
TM9M080B12MP11	UDH	1,3,4,5,7,9	80	77	60	569	80.9	97.0									
YM9M080B12MP11	UDH	1,3,4,5,7,9	80	77	60	569	80.9	97.0									
TP9C080B12MP11	UDH	1,3,4,5,7,9	80	77	70	242	e	81.7	97.5								
YP9C080B12MP11	UDH	1,3,4,5,7,9	80	77	70	242	e	81.7	97.5								
TP9C080C16MP11	UDH	1,3,4,5,7,9	80	78	66	271	e	81.5	97.7								
YP9C080C16MP11	UDH	1,3,4,5,7,9	80	78	66	271	e	81.5	97.7								
TM9M080C16MP11	UDH	1,3,4,5,7,9	80	78	85	810	80.3	97.0									
YM9M080C16MP11	UDH	1,3,4,5,7,9	80	78	85	810	80.3	97.0									
TM9V100C16MP11	UDH	1,3,4,5,7,9	100	96	43	248	e	99.2	96.0								
TM9V100C20MP11	UDH	1,3,4,5,7,9	100	96	55	267	e	99.2	96.0								
TM9M100C16MP11	UDH	1,3,4,5,7,9	100	97	69	779	96.9	97.0									
YM9M100C16MP11	UDH	1,3,4,5,7,9	100	97	69	779	96.9	97.0									
TM9M100C20MP11	UDH	1,3,4,5,7,9	100	97	75	603	97.2	97.0									
YM9M100C20MP11	UDH	1,3,4,5,7,9	100	97	75	603	97.2	97.0									
Discontinued Models																	
NATURAL OR PROPANE GAS																	
NON-WEATHERIZED																	
GM9V040A12UP12	U	1,3,4,5,7,9	40	38	55	115	e	33.3	95.0								
PV9A12N040UP12	U	1,3,4,5,7,9	40	38	55	115	e	33.3	95.0								
GY9F048B12UP11	U	1,3,4,5,7,9	48	46	142	633	48.3	95.0									
GM9V060B12UP12	U	1,3,4,5,7,9	60	57	58	209	e	49.8	95.0								
PV9B12N060UP12	U	1,3,4,5,7,9	60	57	58	209	e	49.8	95.0								
PM9B12N060DH11	DH	1,3,4,5,7,9	60	57	67	313	49.5	95.0									
PM9B12N060UP11	U	1,3,4,5,7,9	60	57	67	313	49.5	95.0									
PC9B12N060DH11	DH	1,3,4,5,7,9	60	57	93	111	e	50.2	95.0								
PC9B12N060UP11	U	1,3,4,5,7,9	60	57	93	111	e	50.2	95.0								
GY9F064C16DH11	DH	1,3,4,5,7,9	64	62	143	1,149	63.3	95.0									
GY9F064C16UP11	U	1,3,4,5,7,9	64	62	144	1,207	63.1	95.0									
GM9V080C16UP12	U	1,3,4,5,7,9	80	76	59	203	e	66.7	95.0								
PV9C16N080UP12	U	1,3,4,5,7,9	80	76	59	203	e	66.7	95.0								
PM9C16N080DH11	DH	1,3,4,5,7,9	80	76	62	450	65.8	95.0									
PM9C16N080UP11	U	1,3,4,5,7,9	80	76	62	450	65.8	95.0									
PM9B12N080DH11	DH	1,3,4,5,7,9	80	76	70	398	66.0	95.0									
PM9B12N080UP11	U	1,3,4,5,7,9	80	76	70	398	66.0	95.0									
PC9B12N080DH11	DH	1,3,4,5,7,9	80	76	89	115	e	67.0	95.0								
PC9B12N080UP11	U	1,3,4,5,7,9	80	76	89	115	e	67.0	95.0								
PC9C16N080DH11	DH	1,3,4,5,7,9	80	76	92	117	e	67.0	95.0								
PC9C16N080UP11	U	1,3,4,5,7,9	80	76	92	117	e	67.0	95.0								
GY9F080C16DH11	DH	1,3,4,5,7,9	80	77	125	1,275	79.7	95.0									
GY9F080C16UP11	U	1,3,4,5,7,9	80	77	137	1,228	79.9	95.0									
GY9F096D20UP11	U	1,3,4,5,7,9	96	91	140	1,371	79.4	95.0									
GM9V100C20UP12	U	1,3,4,5,7,9	100	95	47	463	e	99.5	95.0								
PV9C20N100UP12	U	1,3,4,5,7,9	100	95	47	463	e	99.5	95.0								
PM9C20N100DH11	DH	1,3,4,5,7,9	100	95	65	596	99.0	95.0									
PM9C20N100UP11	U	1,3,4,5,7,9	100	95	65	596	99.0	95.0									
PM9C16N100DH11	DH	1,3,4,5,7,9	100	95	67	611	99.0	95.0									
PM9C16N100UP11	U	1,3,4,5,7,9	100	95	67	611	99.0	95.0									
PC9C16N100DH11	DH	1,3,4,5,7,9	100	95	93	184	e	100.5	95.0								
PC9C16N100UP11	U	1,3,4,5,7,9	100	95	93	184	e	100.5	95.0								
PC9C20N100UP11	U	1,3,4,5,7,9	100	95	100	184	e	1									