

AIR CONDITIONER ROADMAP

2023

Pre-2023



Air Conditioners

Title

Product

#/Letter

Descriptions

1

1

1 = Vertical

3 = Horizontal

Discharge

8 = Puron Evolution™



P = 208 - 230 - 3

E = 460-3

or 208/230-3

30 = 2.5 tons

36/37 = 3 tons

48/49 = 4 tons

60/61 = 5 tons

42/43 = 3.5 tons

W = Std SW

V = Variable-Speed

6 = 16.0 SEER2

7 = 17.0 SEER2

8 = 18.0 SEER2

9 = 19.0 SEER2

0 = 20.0 SEER2

1 = 21.0 SEER2 2 = 22.0 SEER2

AIR CONDITIONER ROADMAP - RESIDENTIAL NEW CONSTRUCTION -

		Pre	e-2023					2023			
		Up to	<mark>7NA</mark> o 17.0 SEER Stage					<mark>GA7T</mark> Up to 17.0 Two-Stage			
		Up to Single BA1 At 13 Single BA1 At 13 Single	6NW 16.0 SEER e-Stage 6NA 3.0 SEER e-Stage 5NA 3.0 SEER e-Stage 4NA					<mark>GA5S</mark> At 16.5 SE Single-Stag			
		At 13	3.0 SEER e-Stage								
		At 14	<mark>3NA</mark> 1.0 SEER e-Stage					<mark>GA4S</mark> At 13.4 SEI Single-Stag			
oners	1	2	3	4	5	6	7	8 - 9	10	11	12
	Brand	Product Type	Efficiency	Design Type	Major Series	Voltage	Refrigerant Type	Nominal Cooling Capacity	Feature	Special Feature	Region

Title	Brand	Туре	Efficiency	Туре	Series	Voltage	Туре	Capacity	Feature	Feature	Region
Product #/Letter	G	Α	4	S	A	N	4	36	0	0	w
Descriptions	G = Builder P = Payne	A = AC	4 = North Compliant 5 = Southwest Compliant 6 = 16.0 SEER2 7 = 17.0 SEER2 8 = 18.0 SEER2 9 = 19.0 SEER2 0 = 20.0 SEER2 1 = 21.0 SEER2 2 = 22.0 SEER2	S = Single-Stage T = Two-Stage	A-Z	N = 208-230-1 or 208/230-1 P = 208-230-3 or 208/230-3 E = 460-3	4 = Puron® refrigerant	18 = 1.5 tons 24/25 = 2 tons 30 = 2.5 tons 36/37 = 3 tons 42/43 = 3.5 tons 48/49 = 4 tons 60/61 = 5 tons	0 = Standard	0 = Standard	E = Std SE N = Std North W = Std SW



Air Conditior



HEAT PUMP ROADMAP

Pre-2023

Up to 26.0 SEER

2023



Variable-Speed
288BNV Up to 19.0 SEER
Five-Stage

226ANA

Up to 17.0 SEER

Up to 17.0 SEER

Single-Stage

At 15.0 SEER Single-Stage

At 14.0 SEER

Single-Stage Horizontal

Two-Stage

284ANV

286BNA

226CNA

225BNA

224ANS

EVOLUTION[®]

SYSTEM

284ANV

Up to 22.0 SEER2* Variable-Speed

288BNV

Up to 18.0 SEER2* **Five-Stage**





			F	>	F	R	R	E		F	-	E	-		_	_			E	

. 227T Up to 17.0 SEER2 Two-Stage

Up to 15.2 SEER2*

Up to 18.0 SEER2* Variable-speed

Single-Stage

38MURA

225S









215BNA Up to 15.0 SEER Single-Stage

214D At 17.0 SEER Single-Stage

2155 At 14.3 SEER2 Single-Stage



* Based on preliminary ratings - subject to change

Note: There will be no changes to the three-phase product.

Heat Pumps	1	2	3	4	5	6	7	8 - 9	10	11	12
Title	Airflow Type	Refrigerant Type/ Tier	Efficiency	Design Type	Major Series	Voltage	Open	Nominal Cooling Capacity	Feature	Special Feature	Region
Product #/Letter	2	1	5	S	Α	N	4	36	0	0	А
Descriptions	2 = Vertical Discharge 4 = Horizontal Discharge	1 = Puron [®] Legacy™ 2 = Puron Preferred™ 8 = Puron Evolution™	5 = National Compliant 6 = 16.0 SEER2 7 = 17.0 SEER2 8 = 18.0 SEER2 9 = 19.0 SEER2 0 = 20.0 SEER2 1 = 21.0 SEER2 2 = 22.0 SEER2	S = Single-Stage T = Two-Stage V = Variable-Speed	A-Z	N = 208-230-1 or 208/230-1 P = 208-230-3 or 208/230-3 E = 460-3	4	18 = 1.5 tons 24/25 = 2 tons 30 = 2.5 tons 36/37 = 3 tons 42/43 = 3.5 tons 48/49 = 4 tons 60/61 = 5 tons	0 = Standard C = Coastal	0 = Standard	A = Std HP

Note: Evolution[™] System 284ANV and 288BNV follow the pre-2023 nomenclature and meets the 2023 regulatory requirements.



HEAT PUMP ROADMAP - RESIDENTIAL NEW CONSTRUCTION -

Pre-2023





BH17NA Up to 17.0 SEER Two-Stage

. **GH7T** Up to 17.0 SEER2 Two-Stage

BH16NA

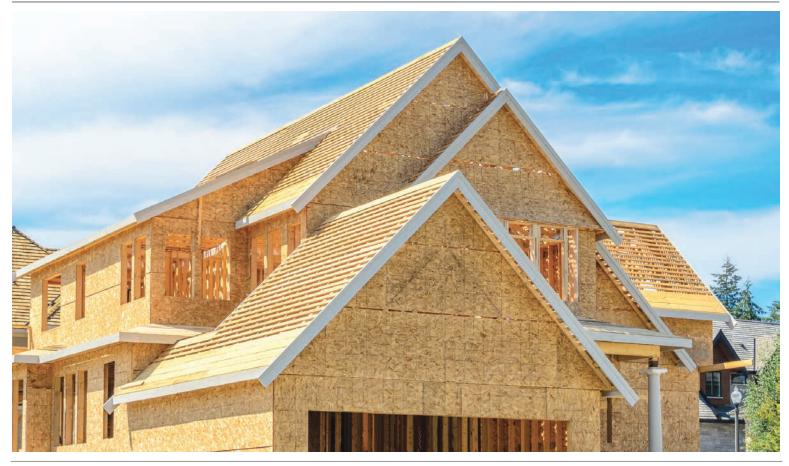
At 13.0 SEER Single-Stage

GH5S At 14.3 SEER2 Single-Stage



BH14NB At 13.0 SEER Single-Stage

Heat Pumps	1	2	3	4	5	6	7	8 - 9	10	11	12
Title	Brand	Product Type	Efficiency	Design Type	Major Series	Voltage	Refrigerant Type	Nominal Cooling Capacity	Feature	Special Feature	Region
Product #/Letter	G	н	4	S	Α	N	4	36	0	0	А
Descriptions	G = Builder P = Payne	H = HP	5 = National Compliant 6 = 16.0 SEER2 7 = 17.0 SEER2 8 = 18.0 SEER2 9 = 19.0 SEER2 0 = 20.0 SEER2 1 = 21.0 SEER2 2 = 22.0 SEER2	S = Single-Stage T = Two-Stage	A - Z	N = 208-230-1 or 208/230-1 P = 208-230-3 or 208/230-3 E = 460-3	4 = Puron® refrigerant	18 = 1.5 tons 24/25 = 2 tons 30 = 2.5 tons 36/37 = 3 tons 42/43 = 3.5 tons 48/49 = 4 tons 60/61 = 5 tons	0 = Standard	0 = Standard	A = Std HP



Manufacturer reserves the right to discontinue, or change at any time, specifications or designs without notice or without incurring obligations.



FURNACE COIL ROADMAP

2023 **Pre-2023** A-Coils CAPMP CAPMP **Cased Multi-Poise Cased Multi-Poise** CAPVP 8 **Cased Vertical CAPVU Uncased Vertical** CAPVU Uncased Vertical N-Coils V-Coils CNPVP ERTEX Cased Vertical Technology **CNPVT CVPVA/CSPVA Cased Transition** Cased Vertical Vertex[™] Technology CNPVU Uncased Vertical CNPHP **CVPMA Cased Horizontal** Cased Multi-Poise Vertex[™] Technology Slab Coil **CSPHP** CSPHP **Cased Horizontal Cased Horizontal**

	Furnace Coils	1	2	3	4	5	6 - 7	8 - 9	10	11	12
-	Title	Component	Coil Type	Refrigerant Type	Coil Configuration	Cabinet Finish	Unit Capacity	Cabinet Width	Revision Level	Tubing Design	Variations
Slab	Product #/Letter	с	А	Р	v	Р	36	17	Α	L	А
A-Coil &	Descriptions	C = Coil	A = A-Coil S = Slab Coil	refrigerant – TXV	F = MFG Housing H = Horizontal M = Multi-Poise V = Vertical (UFL/DNF)	P = Painted Cabinet U = Unpainted/ Uncased T = Transition Cabinet	18/19 = 1.5 tons 24/25 = 2 tons 30/31 = 2.5 tons 36/37 = 3 tons 42/43 = 3.5 tons 48/49 = 4 tons 60/61 = 5 tons	12 = 12" wide 14 = 14.2" wide 17 = 17.5" wide 21 = 21" wide 24 = 24.5" wide	A = Revision	L = Aluminum Coil	A = Basic

	Vertex Coils	1	2	3	4	5	6 - 7	8 - 9	10	11	12
0	Title	Component	Coil Type	Refrigerant Type	Coil Configuration	Major Series	Unit Capacity	Cabinet Width	Metering Device	Tubing Design	Variations
Slope	Product #/Letter	с	v	Р	v	Α	36	17	х	М	С
V-Coil &	Descriptions	C = Coil	V = V-Coil S = Slope Coil	P = Puron®	V = Upflow/Downflow M = Multi-Poise	A	18/19 = 18K 24/25/26 = 24K 30/31 = 30K 36/37/38 = 36K 42/43 = 42K 48/49 = 48K 60/61 = 60K	14 = 14.2" wide 17 = 17.5" wide 21 = 21" wide 24 = 24.5" wide	X = TXV	M = Vertex	C = Cooling Only



Descriptions

F = Fan Coil

E = Evolution™ V = Variable-Speed

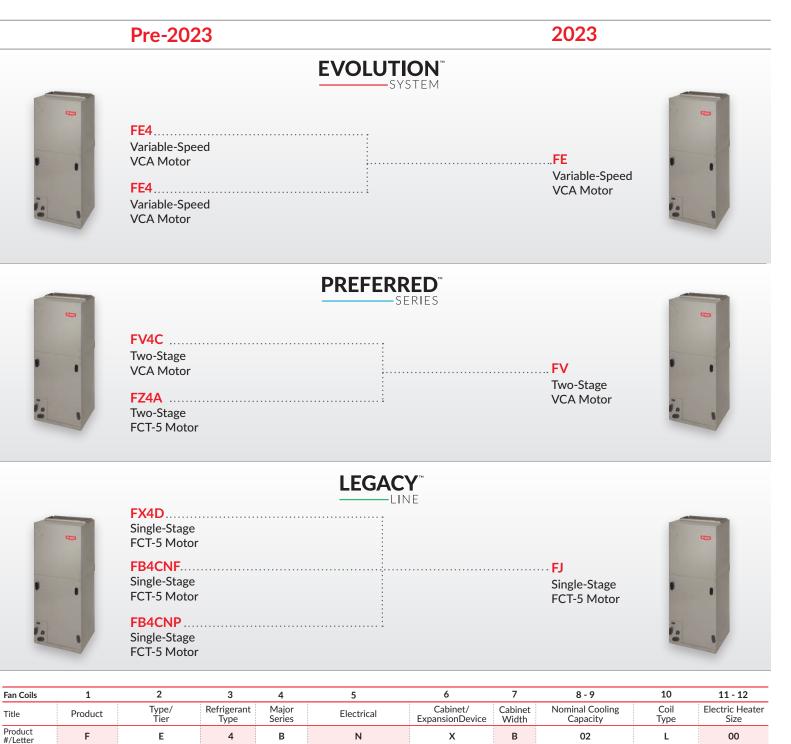
J = Legacy™ Line

G = Builder

Two-Stage

4 = Puron[®] refrigerant A - Z

FAN COIL ROADMAP



N = 208/230v-1ph - 60hz

B = Modular, TXV

X = Single, TXV

A = 14" B = 17" C = 21"

D = 24"

01 = 18,000 - 36,000 02 = 18,000 - 36,000

03 = 24,000 - 42,000

03 = 24,000 - 42,00004 = 24,000 - 42,000

05 = 30,000 - 48,000 06 = 36,000 - 60,000 18/19 = 18,000 24/25 = 24,000 30/31 = 30,000 36/37 = 36,000 42/43 = 42,000 48/49 = 48,000 60/61 = 60,000 L = Aluminum

00 = No Heat

05 = 5kw

08 = 8kw

10 = 10kw

15 = 15kw

FAN COIL ROADMAP

	Pre-2023		2023
		Multifamily	
	FMA4X	No Change	FMA4X
	Single-Stage	-	Single-Stage
and l	FCT-5 Motor		FCT-5 Motor
	FMA4P	No Change	FMA4P
	Single-Stage	Ũ	Single-Stage
-	PSC Motor		PSC Motor
-	FMC/U4Z	No Change	FMC/U4Z
1	Single-Stage	Ũ	Single-Stage
	FCT-5 Motor		FCT-5 Motor
	FMC/U4X	No Change	FMC/U4X
	Single-Stage	_	Single-Stage
	PSC Motor		PSC Motor
		Builder	

NEWFG Two-Stage VCA Motor



Multifamily Fan Coils	1	2	3	4	5	6 - 7 - 8 - 9	10	11
Title	Unit	Туре	Installation Type	Refrigerant Type	Metering Device	Nominal Cooling Capacity	Revision	Sales Code/ Features
Product #/Letter	F	м	U	4	Z	2400	А	L
Descriptions	F = Fan Coil	M = Multifamily	U = Uncased C = Cased	4 = Puron [®] refrigerant	X = TXV & PSC Motor Z = TXV & ECM Motor	1800 = 18,000 = 1.5 tons 2400 = 24,000 = 2 tons 3000 = 30,000 = 2.5 tons 3600 = 36,000 = 3 tons	A = Marketing Revision	L = Aluminum Coils



Manufacturer reserves the right to discontinue, or change at any time, specifications or designs without notice or without incurring obligations.



90% GAS FURNACE ROADMAP

Pre-2023



Up to 98.5% AFUE Modulating Heating with Greenspeed® intelligence Variable-Speed Cooling VCA ECM Motor

Up to 96.7% AFUE Two-Stage Heating Variable-Speed Cooling VCA ECM Motor

Up to 95.0% AFUE Single-Stage Heating Variable-Speed Cooling VCA ECM Motor

2023

Up to 98.5% AFUE Modulating Heating with Greenspeed[®] intelligence Variable-Speed Cooling VCA ECM Motor

Up to 96.7% AFUE Two-Stage Heating Variable-Speed Cooling VCA ECM Motor

Up to 95.0% AFUE Single-Stage Heating Variable-Speed Cooling VCA ECM Motor

EVOLUTION -system





Up to 96.5% AFUE Two-Stage Operation VCT ECM Motor

Up to 96.5% AFUE

Single-Stage Heating Two-Stage Cooling VCT ECM Motor



Up to 96.5% AFUE Single-Stage Operation FCT-5 ECM Motor

912SD..... Up to 92.1% AFUE Single-Stage Operation FCT-5 ECM Motor

935SA Ultra-Low NOx 935SB Up to 95.0% AFUE Single-Stage Operation FCT-5 ECM Motor

Up to 96.5% AFUE Two-Stage Operation VCT ECM Motor

Up to 96.5% AFUE Single-Stage Heating Two-Stage Cooling VCT ECM Motor

PREFERRED SERIES R. COLORED



Up to 96.5% AFUE Single-Stage Operation MCT-18 ECM Motor

.912SE

Up to 92.1% AFUE Single-Stage Operation MCT-18 ECM Motor

Up to 95.0% AFUE Single-Stage Heating Two-Stage Cooling MCT-18 ECM Motor



90% Gas Furnaces	1	2	3	4	5	6 - 7	8 - 10	11	12 - 13	14	15	16
Title	Gas Furnace	Tier	Min. AFUE/ Low NOx	Stages	Major Series	Cooling Capacity	Heating Capacity	Motor	Width	Voltage	Unused	Minor Series
Product #/Letter	9	8	7	м	Α	48	060	с	17	Α	-	Α
Descriptions	90%+	8 = Evolution™ 3 = Ultra-Low NOx 2 = Preferred™ 1 = Legacy™ 0 = Base	2 = 92% 5 = 95% 6 = 96% 7 = 97%	M = Modulation T = Two-Stage S = Single-Stage C = Single-Stage Communicating	A B C D E	24 = 800 CFM 30 = 1000 CFM 36 = 1200 CFM 42 = 1400 CFM 48 = 1600 CFM 60 = 2000 CFM 66 = 2200 CFM	026 = 26,000 BTU 040 = 40,000 BTU 060 = 60,000 BTU 140 = 140,000 BTU	C = Variable-Speed, Constant Airflow V = Variable-Speed, Constant Torque M = Multi 18-Speed Constant Torque (MCT) ECM	14 = 14.2" 17 = 17.5" 21 = 21.0" 24 = 24.5"	A = 110v/60Hz B = 230v/50Hz		A B C

80% GAS FURNACE ROADMAP

880TA

Pre-2023



80% AFUE Two-Stage Heating Variable-Speed Cooling VCA ECM Motor

80% AFUE Two-Stage Heating Variable-Speed Cooling VCA ECM Motor

80% AFUE One-Stage/Two-Stage Heating Variable-Speed Cooling VCA ECM Motor

80% AFUE Two-Stage Operation



VCT ECM Motor 820SA 820SB 80% AFUE Single-Stage Heating Two-Stage Cooling VCT ECM Motor

80% AFUE Two-Stage Operation VCT ECM Motor

80% AFUE Single-Stage Heating Two-Stage Cooling VCT ECM Motor



80% AFUE Single-Stage Operation FCT-5 ECM Motor

80% AFUE Single-Stage Operation FCT-5 ECM Motor

80% AFUE Single-Stage Operation FCT-5 ECM Motor

830SA Ultra-Low NOx 830SB

2023

880TB 80% AFUE Two-Stage Heating Variable-Speed Cooling VCA ECM Motor

80% AFUE Two-Stage Heating Variable-Speed Cooling VCA ECM Motor

80% AFUE **Two-Stage Heating** Variable-Speed Cooling VCA ECM Motor

EVOLUTION[®] -SYSTEM



80% AFUE **Two-Stage Operation** VCT ECM Motor

80% AFUE

Single-Stage Heating Two-Stage Cooling VCT ECM Motor

80% AFUE **Two-Stage Operation** VCT ECM Motor

80% AFUE Single-Stage Heating Two-Stage Cooling VCT ECM Motor

810SA, 800SA 810SB, 800SB 80% AFUE Single-Stage Operation MCT-18 ECM Motor

> 80% AFUE Single-Stage Operation MCT-18 ECM Motor

80% AFUE Single-Stage Heating Two-Stage Cooling MCT-18 ECM Motor



PREFERRED

SERIES



* Two-stage communicating model to launch Q3 2022.

80% Gas Furnaces	1	2	3	4	5	6 - 7	8 - 10	11	12 - 13	14	15	16
Title	Gas Furnace	Tier	Min. AFUE/ Low NOx	Stages	Major Series	Cooling Capacity	Heating Capacity	Motor	Width	Voltage	Unused	Minor Series
Product #/Letter	8	8	0	т	А	36	045	с	14	Α	-	Α
Descriptions	80%	8 = Evolution™ 3 = Ultra-Low NOx 2 = Preferred™ 1 = Legacy™ 0 = Base	0 = 80% 1 = 80% Low NOx	M = Modulation T = Two-Stage S = Single-Stage C = Single-Stage Communicating	A B C D	24 = 800 CFM 30 = 1000 CFM 36 = 1200 CFM 42 = 1400 CFM 48 = 1600 CFM 60 = 2000 CFM 66 = 2200 CFM	026 = 26,000 BTU 040 = 40,000 BTU 060 = 60,000 BTU 155 = 155,000 BTU	C = Variable-Speed, Constant Airflow V = Variable-Speed, Constant Torque M = Multi 18-Speed Constant Torque (MCT) ECM	14 = 14.2" 17 = 17.5" 21 = 21.0" 24 = 24.5"	A = 110v/60Hz B = 230v/50Hz		A B C



SMALL PACKAGED PRODUCTS ROADMAP

Pre-2023



577E Year-Round Air Conditoner **Two-Stage Operation**

707E

Packaged Air Conditioner **Two-Stage Operation**

677E Dual-Fuel **Two-Stage Operation**

607E

Packaged Heat Pump **Two-Stage Operation**



577C Year-Round Air Conditoner Single-Stage Operation

577C Packaged Air Conditioner Single-Stage Operation

677C Dual-Fuel Single-Stage Operation

607C Packaged Heat Pump Single-Stage Operation

2023

577E Year-Round Air Conditoner **Two-Stage Operation**

707E Packaged Air Conditioner **Two-Stage Operation**

677E **Dual-Fuel Two-Stage Operation**

607E Packaged Heat Pump Two-Stage Operation

Year-Round Air Conditoner

Single-Stage Operation

577C*

707C*

677C*

607C*

PREFERRED SERIES



Note: All Preferred models at 15.2 SEER2 based on preliminary ratings subject to change.





Note: All Legacy models at 13.4 SEER2 based on preliminary ratings subject to change.

Manufactured Housing



PA4Z

Packaged Air Conditoner Single-Stage Operation

PH4Z Packaged Heat Pump Single-Stage Operation

PA4Z

Packaged Air Conditoner Single-Stage Operation

Packaged Heat Pump

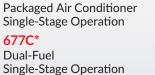
Single-Stage Operation

PH4Z

Packaged Heat Pump Single-Stage Operation

* Aluminum standard indoor coil

Small Packaged Products	1 - 2 - 3 - 4	5	6	7	8 -9	10 - 11 - 12	13	14	15 - 16
Title	Unit Family/ Type	Voltage	Fuel & Controls	Major Series	Cooling Capacity	Heating Size	Features	Minor Series	Factory Installed Options
Product #/Letter	577C	N	w	к	24	040	А	Α	ТР
Description	 577C = Single Package AC + GF System 707C = Single Package AC System 677C = Single Package Hybrid Heat Fuel 607C = Single Package HP System 577E = Two-Stage AC + GF System 707E = Two-Stage Package AC System 677E = Two-Stage Package Hybrid Heat Fuel 607E = Two-Stage Package HP System 	N = 208/230-1-60 P = 208/230-3-60 E = 460-3-60	W = Natural Gas X = N/A	К	24 = 2 Tons 30 = 2.5 Tons 36 = 3 Tons 42 = 3.5 Tons 48 = 4 Tons 60 = 5 Tons	040 = 40K/45K 060 = 60K 090 = 90K 000 = N/A 115 = 115K 130 = 127K to 130K	A = Standard N = Low NOx U = Ultra-Low NOx	A - Z	LW = Low Cabinet Air Leakage TP = Tin-Plated Indoor Coil Hairpins LT = Low Cab Air Leakage + Tin-Plated Indoor Coil Hairpins AD = Advanced Dehum + Tin-Plated Indoor Coil Hairpins



SMALL PACKAGED PRODUCTS ROADMAP - LOW NOx & ULTRA-LOW NOx -

Pre-2023

Low NOx _____



Year-Round Air Conditoner Two-Stage Operation

Dual-Fuel Two-Stage Operation

Year-Round Air Conditoner **Two-Stage Operation**

2023

Dual-Fuel **Two-Stage Operation**



PREFERRED

LEGACY -LINE



Year-Round Air Conditoner Single-Stage Operation

Dual-Fuel Single-Stage Operation

Year-Round Air Conditoner Single-Stage Operation

Dual-Fuel Single-Stage Operation



Ultra-Low NOx



577E577EYear-Round Air ConditonerYear-R Two-Stage Cooling Single-Stage Heating

Year-Round Air Conditoner Two-Stage Cooling Single-Stage Heating



LEGACY

PREFERRED

SERIES

Year-Round Air Conditoner Single-Stage Operation

Year-Round Air Conditoner Single-Stage Operation



* Aluminum standard indoor coil