

### Air Conditioner Roadmap

Pre-2023 2023



Up to 17.0 SEER Two-Stage

TSA6.

Up to 16.0 SEER Single-Stage

Single-Stage

..... TVA9

Up to 19.0 SEER2\* Five-Stage

T4A7T

Up to 17.0 SEER2 Two-Stage

**T4A6S** 

Up to 16.5 SEER2 Single-Stage

\* Based on preliminary ratings - subject to change.



Up to 17.0 SEER2 Two-Stage Includes Coastal Model Performance Series

**Ion™ System** 



N4A7 ..... Up to 17.5 SEER Two-Stage

N4A6 .....

15.0 - 17.0 SEER Single-Stage

NXA6.....

15.0 - 17.0 SEER Single-Stage

N4A5...

14.0 - 15.0 SEER Single-Stage NXA4.....

14.0 - 15.0 SEER

Single-Stage N4A4

Coastal Model Single-Stage

Single-Stage

**NH4A4** ......14.0 - 15.0 SEER

Single-Stage, Horizontal Discharge

N4A5S

Up to 16.5 SEER2 Single-Stage Includes Coastal Model



. **N4A4S** 

Up to 16.5 SEER2 Single-Stage

S4A5S

Up to 16.5 SEER2

Single-Stage, Horizontal Discharge



R4A5 .....

Up to 17.0 SEER

Single-Stage

R4A4 .....

Up to 16.0 SEER Single-Stage

R4A3 .....

13.0-15.0 SEER

Single-Stage

. **R4A5S** 

Up to 16.5 SEER2 Single-Stage

R4A4S

Up to 16.0 SEER2 Single-Stage



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

Air Conditioner	1	2	3	4	5	6 7	8	9	10	11	12
Title	Brand & Airflow Type	Refrigerant Type	OD Type	Efficiency	Design Type	Nominal Cooling Capacity	Feature	Voltage	Special Feature	Region	Major Series
Product #/Letter	N	4	Α	4	s	18	Α	К	Α	N	Α
Descriptions	N = Non-Brand Specific Vertical S = Horizontal Discharge T = Ion System R = R-Series	4 = R-410A	A = AC	4 = North Compliant 5 = Southwest Compliant 6 = 16 SEER2 7 = 17 SEER2 8 = 18 SEER2 9 = 19 SEER2	S = Single-Stage T = Two-Stage V = Variable-Speed	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	A = Standard C = Coastal	K = 208-230-1 or 208/230-1 H = 208-230-3 or 208/230-3 L = 460-3 S = 575-3 W = 230-1-50	A = Standard	N = Standard North AC W= Standard Southeast and Southwest AC	A - Z



## Heat Pump Roadmap

Pre-2023 2023



TVH8......TVH8 Up to 18.0 SEER Five-Stage

TCH6......T4H7T Up to 18.0 SEER Two-Stage

TSH6..... Up to 17.0 SEER Single-Stage

TSH4..... 15.0 - 16.0 SEER Single-Stage

Up to 18.0 SEER2\* Five-Stage

Up to 17.0 SEER2 Two-Stage

. T4H6S

Up to 15.2 SEER2\* Single-Stage



**Ion™ System** 

NH4H4 ...... DLCURA

14.0 - 15.0 SEER Single-Stage Horizontal Discharge

Up to 17.5 SEER Two-Stage

NXH6.....

Up to 16.0 SEER Single-Stage

NXH5

Up to 16.0 SEER Single-Stage

N4H4 .....

Up to 15.0 SEER Single-Stage Coastal Model Available

Up to 18.0 SEER2\* Variable-Speed

. N4H7T

Up to 17.0 SEER2 Two-Stage Includes Coastal Model

. **N4H5S** 

At 14.3 SEER2





Single-Stage Includes Coastal Model



Up to 15.0 SEER Single-Stage

At 14.3 SEER2 Single-Stage



**R-Series** 

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

\* Based on preliminary ratings - subject to change.

Heat Pumps	1	2	3	4	5	6 7	8	9	10	11	12
Title	Brand & Airflow Type	Refrigerant Type	OD Type	Efficiency	Design Type	Nominal Cooling Capacity	Feature	Voltage	Special Feature	Region	Major Series
Product #/Letter	N	4	Н	5	s	18	Α	К	Α	Α	Α
Descriptions	N = Non-Brand Specific Vertical T = Ion System R = R-Series	4 = R-410A	H = HP	5 = National Compliant 6 = 16 SEER2 7 = 17 SEER2 8 = 18 SEER2 9 = 19 SEER2	S = Single-Stage T = Two-Stage V = Variable-Speed	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	A = Standard C = Coastal	K = 208-230-1 or 208/230-1 H = 208-230-3 or 208/230-3 L = 460-3 S = 575-3 W = 230-1-50	A = Standard	A = HP	A - Z

**Note**: lon™ System TVH8 follows the pre-2023 nomenclature and meets the 2023 regulatory requirements.



### **Furnace Coil Roadmap**

Pre-2023 2023

#### \_\_\_\_\_ A-Coils\_\_\_\_\_



EAM4X. EDM4X ..... Cased Multi-Poise

EAD4X

Cased Vertical

EAA4X ...... No Change ..... EAA4X **Uncased Vertical** 

EAM4X

**Uncased Vertical** 

Cased Multi-Poise



N-Coils\_\_\_\_

END4X Cased Vertical

ENW4X

**Cased Transition** 

ENA4X /EMA4X **Uncased Vertical** 

Cased Horizontal

V-Coils

**POWER-V** 

..... EVD4X

**Cased Vertical** Power-V Technology

ENH4X EVM4X

Cased Multi-Poise Power-V Technology



#### Slab Coil



V-Coil & Slope

EHD4X No Change EHD4X

Cased Horizontal Cased Horizontal



Furnace Coils	1	2	3	4	5	6-7	8-9	10	11
Title	Component	Coil Type	Coil Configuration	Refrigerant Type	Metering Devices	Unit Capacity	Tubing Design	Cabinet Width	Major Series
Product #/Letter	E	Α	D	4	х	18	L	17	Α
Descriptions	E = Furnace Coil	A = A-Coil H = Slab	A = Uncased D = Vertical (UPF/DNF) M = Multi-Poise H = Horizontal	4 = R-410A	P = Piston X = TXV	18/19 = 18k BTU 24/25 = 24k BTU 30/31 = 30k BTU 36/37 = 36k BTU 42/43 = 42k BTU 48/49 = 48k BTU 60/61 = 60k BTU	L = Aluminum	14 = 14.2" wide 17 = 17.5" wide 21 = 21" wide 24 = 24.5" wide	A = Revision

	Power-V Coils	1	2	3	4	5	6-7	8-9	10	11
	Title	Component	Coil Type	Coil Configuration	Refrigerant Type	Metering Devices	Unit Capacity	Tubing Design	Cabinet Width	Major Series
Slope	Product #/Letter	E	V	D	4	х	36	М	17	Α
V-Coil & S	Descriptions	E = Furnace Coil		D = Vertical M = Multi-Poise R = Replacement H = Horizontal	4 = R-410A	P = Piston X = TXV E = EXV	18/19 = 1.5 tons 24/25/26 = 2 tons 30/31 = 2.5 tons 36/37/38 = 3 tons 42/43 = 3.5 tons 48/49/50 = 4 tons 60/61 = 5 tons	M = Power-V	14 = 14.2" wide 17 = 17.5" wide 21 = 21" wide 24 = 24.5" wide	A = Revision



## Fan Coil Roadmap

Pre-2023 2023

#### **Deluxe**



VCA Motor







FVM.....FVM

Two-Stage VCA Motor ...**FVM** Two-Stage VCA Motor



### \_Entry\_



FXM4X.....

Single-Stage FCT-5 Motor

FFM4X

Single-Stage FCT-5 Motor

FEM4P

Single-Stage FCT-5 Motor ..**FJM**Single-Stage
FCT-5 Motor

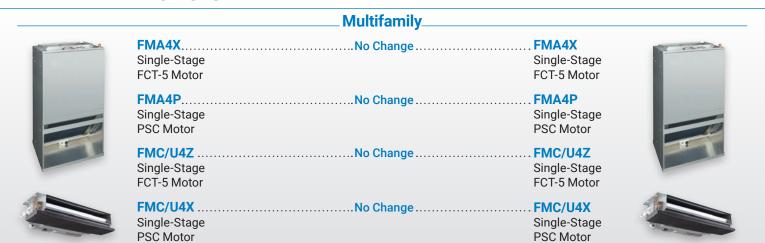


Fan Coils	1	2	3	4	5	6 7	8	9	10	11	12
Title	Unit	Туре	Position	Major Series	Refrigerant Type	Metering Device	Nominal Cooling Capacity	Coil Type	Feature	Cabinet Width	Sales Code
Product #/Letter	F	V	М	Α	4	Х	24	L	0	В	Α
Descriptions	F = Fan Coil	V = Variable-Speed C = Communicating ECM J = ECM Five-Speed	U = Upflow M = Multi-Poise	A - Z	4 = R-410A	X = TXV	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	0	A = 14" B = 17" C = 21" D = 24"	А



# Fan Coil Roadmap - Multifamily -

Pre-2023 2023



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	Α	L
Descriptions	F = Fan Coil	M = Multifamily	U = Uncased C = Cased A = Aparment	4 = R-410A	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

Motor Key: VCA = Variable-Speed Constant Airflow Motor | FCT = Fixed-Speed Constant Torque Motor | PSC = Permanent Split Capacitor





### 90% Gas Furnace Roadmap

#### Pre-2023 2023



F97CMN .... Up to 98% AFUE Modulating Heating Variable-Speed Cooling

VCA ECM Motor

F96CTN ..... F96CTN

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

F95CSU ...... Ultra-Low NOx ..... F95CSU Up to 95% AFUE Single-Stage Heating Variable-Speed Cooling

VCA ECM Motor

..... F97CMN

Up to 98% AFUE Modulating Heating Variable-Speed Cooling VCA ECM Motor

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

Up to 95% AFUE Single-Stage Heating Variable-Speed Cooling VCA ECM Motor

Ion™ System



QuietComfort® Series



F96VTN ...... F96VTN Up to 96% AFUE Two-Stage Operation

VCT ECM Motor

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



N96VSN N96VSN

Up to 96% AFUE Single-Stage Heating Two-Stage Cooling VCT ECM Motor

N95ESN.....

Up to 96% AFUE Single-Stage Operation FCT-5 ECM Motor

N92ESN.....

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

Up to 95% AFUE Single-Stage Operation FCT-5 ECM Motor

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

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

..... N92MSN

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

N95ESU ...... N95MSU

Up to 95% AFUE Single-Stage Heating Two-Stage Cooling MCT-18 ECM Motor

**Performance Series** 



Up to 96% AFUE Single-Stage Operation FCT-5 ECM Motor

R92ESN .....

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

Up to 95% AFUE Single-Stage Operation FCT-5 ECM Motor

R95ESN ...... R95MSN

Up to 96% AFUE Single-Stage Operation MCT-18 ECM Motor

. R92MSN

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

Up to 95% AFUE Single-Stage Heating Two-Stage Cooling MCT-18 ECM Motor

**R-Series** 



90% Gas Furnaces	1	2 3	4	5	6	789	10 11	12 13	14
Title	Brand Identifier	Product Efficiency Level	Motor	Heating Stages	Feature	Heating Input (BTU/H)	Width	Cooling CFM (100s)	Major Series
Product #/Letter	F	97	С	М	N	060	14	08	Α
Descriptions	F = Deluxe N = Entry/ Generic R = R-Series	92 = 92% AFUE 95 = 95% AFUE 96 = 96% AFUE 97 = 97% AFUE	C = Comm. VS Constant Airflow (VCA) ECM M = Multi 18-Speed Constant Torque (MCT) ECM V = VS Constant Torque (VCT) ECM	M = Modulating T = Two-Stage S = Single-Stage	N = Standard NOx L = Low NOx U = Ultra-Low NOx	026 = 26,000 * 040 = 40,000 * 060 = 60,000 * 080 = 80,000 * 100 = 100,000 * 120 = 120,000 140 = 140,000	14 = 14.2" 17 = 17.5" 21 = 21.0" 24 = 24.5"	08 = 800 10 = 1000 12 = 1200 14 = 1400 16 = 1600 20 = 2000 22 = 2200	A B C D
		•		•		* ULN Models Availa	hle	•	



### 80% Gas Furnace Roadmap

Pre-2023 2023



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

80% AFUE Single-/Two-Stage Heating Variable-Speed Cooling

\* Two-stage communicating model to launch late 2023.



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

#### F80CS/F80TU\* ...... Ultra-Low NOx ..... F80CTU

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



**Ion System** 





80% AFUE Two-Stage Operation VCT ECM Motor

VCA ECM Motor

80% AFUE Two-Stage Operation VCT ECM Motor



**Performance** 

**Series** 

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

80% AFUE

Single-Stage Operation FCT-5 ECM Motor

N80ESL N80MSL

80% AFUE

Single-Stage Operation FCT-5 ECM Motor

80% AFUE

Single-Stage Operation FCT-5 ECM Motor

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

**N80MSN** 

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

**R-Series** 



R80ESN ...... R80MSN 80% AFUE Single-Stage Operation FCT-5 ECM Motor

R80ESL

80% AFUE

80% AFUE

Single-Stage Operation

Single-Stage Operation

FCT-5 ECM Motor

FCT-5 ECM Motor

MCT-18 ECM Motor . R80MSL

80% AFUE

80% AFUE

Single-Stage Operation

Single-Stage Operation

MCT-18 ECM Motor

R80ESU ......Ultra-Low NOx..... . R80MSU

80% AFUE Single-Stage Heating Two-Stage Cooling

MCT-18 ECM Motor



80% Gas Furnaces	1	2 - 3	4	5	6	7 - 8 - 9	10 - 11	12 - 13	14
Title	Brand Identifier	Product Efficiency Level	Motor	Heating Stages	Feature	Heating Input (BTU/H)	Width	Cooling CFM (100s)	Major Series
Product #/Letter	F	80	С	Т	L	060	14	08	Α
Descriptions	F = Deluxe N = Entry/ Generic R = R-Series	80 = 80% AFUE	C = Comm. VS Constant Airflow (VCA) ECM M = Multi 18-Speed Constant Torque (MCT) ECM V = VS Constant Torque (VCT) ECM	M = Modulating T = Two-Stage S = Single-Stage	N = Standard NOx L = Low NOx U = Ultra-Low NOx	040 = 40,000 * 045 = 45,000 060 = 60,000 * 070 = 70,000 080 = 80,000 * 090 = 90,000 100 = 100,000 * 110 = 110,000 135 = 135,000 155 = 155,000	14 = 14.2" 17 = 17.5" 21 = 21.0" 24 = 24.5"	08 = 800 10 = 1000 12 = 1200 14 = 1400 16 = 1600 20 = 2000 22 = 2200	A B C D



### Small Packaged Product Roadmap

#### **Pre-2023**

#### 2023



PGR5 PGR5

Year-Round Air Conditoner Year-Round Air Conditoner Up to 16.0 SEER Up to 16.0 SEER **Two-Stage Operation** Stainless Steel Heat Exchanger

**Two-Stage Operation** 

Packaged Air Conditioner Packaged Air Conditioner Up to 16.0 SEER Up to 16.0 SEER Two-Stage Operation **Two-Stage Operation** 

PHR5 PHR5 Packaged Heat Pump Packaged Heat Pump Up to 16.0 SEER Up to 16.0 SEER Two-Stage Operation **Two-Stage Operation** 

PGS4 ...... Obsolete

Year-Round Air Conditoner Single-Stage Operation

PDS4 ...... Obsolete

**Dual-Fuel** 

Single-Stage Operation

#### QuietComfort® **Series**



Note: All QuietComfort models at  $15.2\,\text{SEER2}$  based on preliminary ratings - subject to change.

Year-Round Air Conditoner Single-Stage Operation

#### PGD4 PGD4\*

Year-Round Air Conditoner Stainless Steel Heat Exchanger Single-Stage Operation

#### PAD4 ...... PAD4\*

Packaged Air Conditioner Packaged Air Conditioner Single-Stage Operation Single-Stage Operation

#### PDD4 ......PDD4\*

**Dual-Fuel Dual-Fuel** 

Single-Stage Operation Stainless Steel Heat Exchanger Single-Stage Operation

#### PHD4 ..... PHD4\*

Packaged Heat Pump Packaged Heat Pump Single-Stage Operation Single-Stage Operation

### **Performance Series**



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

### **Manufactured Housing**



#### 

Packaged Air Conditoner Packaged Air Conditoner Single-Stage Operation Single-Stage Operation

#### PHJ4 ......PHJ4\*

Packaged Heat Pump Packaged Heat Pump Single-Stage Operation Single-Stage Operation



\* Aluminum standard indoor coil

Small Packaged Products	1	2	3	4	5 6	7 8 9	10	11 12	13	14
Title	Unit	Туре	Tier	SEER	Cooling BTU	Heating BTU	Voltage	Factory Installed Option	Feature Code	Major Series
Product #/Letter	P	Α	D	4	24	060	K	00	0	K
Descriptions	P = Package	A = AC H = HP D = Dual Fuel G = Gas/Electric	D = Standard J = Dedicated Horizontal R = Mainline Up to 16 SEER	4 = 14 5 = 15	24 = 24K/2 Tons 30 = 30K/2.5 Tons 36 = 36K/3 Tons 42 = 42K/3.5 Tons 48 = 48K/4 Tons 60 = 60K/5 Tons	000 = N/A 040 = 40K 060 = 60K 090 = 90K 115 = 115K 120 = 120K 130 = 127 to 130K	K = 208/230-1-60 H = 208/230-3-60 L = 460-3-60	00 = No Options GC = Low Cab Air Leakage + Tin-Plated Cu Evap Tubes TP = Tin-Plated Evap Tubes LW = Low Cabinet Air Leakage	0 = Standard 1 = Low NOx 2 = Ultra-Low NOx	K



# Small Packaged Product Roadmap - Low NOx and Ultra-Low NOx -

**Pre-2023** 

2023

#### Low NOx



PGR5 ......PGR5

Year-Round Air Conditoner Two-Stage Operation

Year-Round Air Conditoner Single-Stage Operation

Dual-Fuel **Sngle-Stage Operation**  **QuietComfort Series** 

Year-Round Air Conditoner Stainless Steel Heat Exchanger

Two-Stage Operation

PGS4 ...... Obsolete

PDS4 ......Obsolete

**Performance Series** 



Year-Round Air Conditoner Single-Stage Operation

Dual-Fuel Single-Stage Operation

PGD4 ...... PGD4\*

Year-Round Air Conditoner Stainless Steel Heat Exchanger Single-Stage Operation

PDD4 ......PDD4\*

**Dual-Fuel** Stainless Steel Heat Exchanger Single-Stage Operation



#### Ultra-Low NOx



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

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

Year-Round Air Conditoner Stainless Steel Heat Exchanger Two-Stage Cooling Single-Stage Heating

PGS4 .......Obsolete



**OuietComfort Series** 

#### **Performance Series**



Year-Round Air Conditoner Single-Stage Operation

.....PGD4\*

Year-Round Air Conditoner Stainless Steel Heat Exchanger Single-Stage Operation



\* Aluminum standard indoor coil

