



**TRANE®**

*It's Hard To Stop A Trane.®*

# Model Nomenclature Residential

## Outdoor Units

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15  
4 T T R 4 0 6 0 A 1 0 0 0 A A

**Refrigerant Type**  
2 = R-22  
4 = R-410A

**Brand**  
T = Trane

**System Type**  
T = AC  
W = HP

**Product Family**  
A = Light Commercial  
B = XB  
L = Side Discharge  
M = XM/XB 300

R = XR  
V = VSD  
X = XL  
Z = 2 Recip 20 SEER

**Nominal Rated SEER2**  
0 = 10 or 20 SEER2  
3 = 13 SEER2  
4 = 14 SEER2  
5 = 15 SEER2

6 = 16 SEER2  
7 = 17 SEER2  
8 = 18 SEER2  
9 = 19 SEER2

**Field Connection**  
0 = Brazed  
5 = Mechanical

**Nominal Tonnage**  
12 = 1.0  
18 = 1.5  
19 = 1.5  
24 = 2.0  
25 = 2.0  
30 = 2.5  
36 = 3.0  
37 = 3.0  
42 = 3.5  
43 = 3.5  
48 = 4.0  
49 = 4.0  
60 = 5.0  
61 = 5.0  
72 = 6.0

**Major Design Change**  
A thru Z. Note: No F, I, O

**Power Supply** Voltage/Phz/Hz  
1 = 200-208-230/1/60  
3 = 200-230/3/60  
4 = 460/3/60  
5 = 400/3/60  
A = 220-240/1/50  
D = 380-415/3/50

**Other Functions**  
000 = Typical-no meaning  
00L = Latin America  
COT = Coated PlateFin  
BH0 = Bahrain w/ high capacity ID  
BM0 = Bahrain w/ nom. capacity ID

QH0 = Qatar w/ high capacity ID  
QM0 = Qatar w/ nom. capacity ID  
S00 = SASO Cooling Only  
SE0 = SASO w/ Electric Ht  
SV0 = SASO Vidalia

**Minor Design Change**  
A thru Z. Note: No F, I, O

**Service Digit - Not Orderable**  
A thru Z. Note: No F, I, O

## Accessories

1 2 3 4 5 6 7 8 9 10 11 12  
\*B A Y E C O N 0 0 1 A 0

**Denotes: Accessories**

**Accessories Type** (Example: BAYCURB, TAYSTAT)

ASCT = Anti-Cycle Timer	LOAM = Low Ambient Controls
BARM = Barometric Relief	LPKT = L.P. Kit
BASE = Subbase	LSDR = Low Static Drive
BRZQ = Coupling Kit Adaptors	NXKT = NOx Rod Accessory Ki
CCHT = Crankcase Heater	PANL = Panel
CLE = Coil Enclosures	PLNM = Plenum
CURB = Roof Curb	PLUS = Add-on Heat Pump
DMPR = Damper	REFLN = Refrigerant Lines
DNFLW = Downflow Conversion Kit	RLAY = Relay
ECMT = Extreme Mounting Kit	SEAC = Sea Coast Kit
ECOM = Economizer	SENS = Sensor
ENTH = Enthalpy Control	SPEK = Single Power Entry Kit
FLTR = Filter	STAT = Thermostat
GARD = Coil Guard	TBKT = Thru Base Utility Kit
GRLE = Return Air Grill	TEST = Test Accessory
HALT = High Altitude Kit	TFMR = Transformer
HGBP = Hot Gas Bypass Control	TWIN = Twinning Kits
HSMT = High Static Motor	TXVA = Cooling —
HTRA = Electric Heater	Bleed/Non Bleed Kits
	TXVH = Heat Pump
	Non Bleed Kits
	UTIL = Curb Ext. Kit
ISLT = Isolator	VENT = Termination Kit
KSKT = Start Accessory Kit	WAR = Warranty
LEGS = Snow Legs	WATR = Hydronic Heat Coils
LEGSCAP = Leveling Caps	WRKT = Wire Kit
LIFT = Lifting Lug Kit	2STG = 2 Stage Gas

**Major Design Change**  
Numbers Are Sequentially Assigned Except For Electric Heaters.  
On Electric Heaters Digit 8 Is Used To Identify Voltage And Digit 9  
And 10 Are Used To Identify Capacity In KW's.

**Minor Design Change**  
Accessory To Unit Match-up (When Required)

**Service Digit - Not Orderable**

\*B or T or No Digit.

For complete equipment / combination selections,  
installation instructions and warranty information,  
please refer to Product Data/Ratings and/or  
Installers Guides and Limited Warranty Handbooks.

## Hyperion Air Handler

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15  
G A M 5 A 0 B 3 6 M 3 1 S A A

**Brand**  
T or G = Trane Technologies

**Product Type**  
A = Air Handler  
E = Air Handler

**Convertability**  
M = Multi-poise 4-way  
F = Upflow Front Return, 3-way  
T = 3-way

**Product Tier**  
2 = Good, Entry Level Feature Set  
4 = Better, Retail Replacement Mid Effy.  
5 = Better, Entry Level High Effy., Multi-Speed  
7 = Best, Retail Replacement High Effy.,  
Variable-Speed  
8 = Best, Retail Ultimate High Effy.,  
Variable-Speed  
9 = Best, Comm/24V Variable-Speed  
G = Best, Geothermal

**Major Design Change**

**No Descriptor**  
0 = Air Handler / Coil

**Size (Footprint)**  
A = 17.5 x 21.8  
B = 21.3 x 21.8  
C = 23.5 x 21.8

**Cooling Size: Air Handler or Coil**  
0-9 = AH Coil - 1000 BTU's (18, 24, 30, 36, 42, 48, 60)

**Airflow Type & Capability**  
S = Standard Effy PSC, 1-5 - nom. Tonnage (cfm/ton)  
M = Mid Effy Multi-Speed, 1-5 - nom. Tonnage (cfm/ton)  
H = High Effy Variable, 1-5 - nom. Tonnage (cfm/ton)  
V = High Effy Variable, 1-5 - nom. Tonnage (cfm/ton)

**Power Supply**  
1 = 208-230/1/60

**System Control Type**  
S = Standard - 24 VAC  
C = CLII 13.8 VDC  
D = Dual (24 VAC / CLII 13.8 VDC) and Epoxy Coated Coil Fins  
E = Epoxy Coated Coil Fins

**Minor Design Change**

**Service Digit - Not Orderable**

## Hyperion Air Handler Electric Heaters

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15  
B A Y E A A C 1 5 B K 1 A A A

**Brand**  
B = Both Brands

**Product Type**  
AY = Accessory

**Heat Type**  
E = Electric Heater

**Product Tier**  
A = TAM9, TAM4, GAM5, TAMGB  
E = TAM8, TAM7  
C = GAF2

**Size (Footprint)**  
A-C = Minimum Cabiner Width

**Size (Footprint)**  
A-C = Maximum Cabiner Width

**Electric Heat Input**  
Electric Heat kW

**Connection**  
BK = Breaker  
LG = Lugs

**Power Supply**  
1 = 208-230/1/60  
A = 200/1/50  
3 = 208-230/3/60

**Major Design Modification**

**Minor Design Modification**

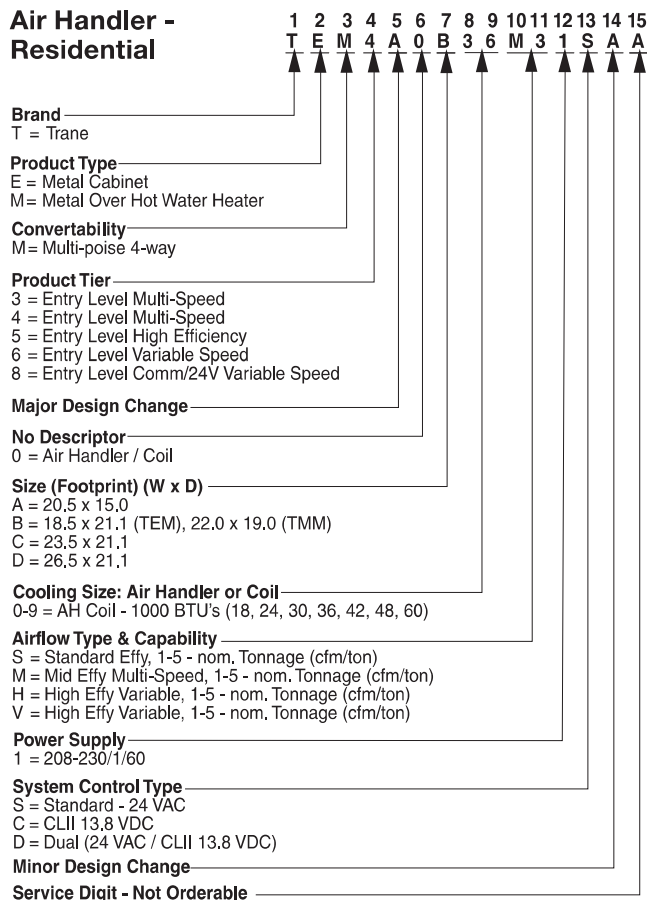
**Service Digit - Not Orderable**



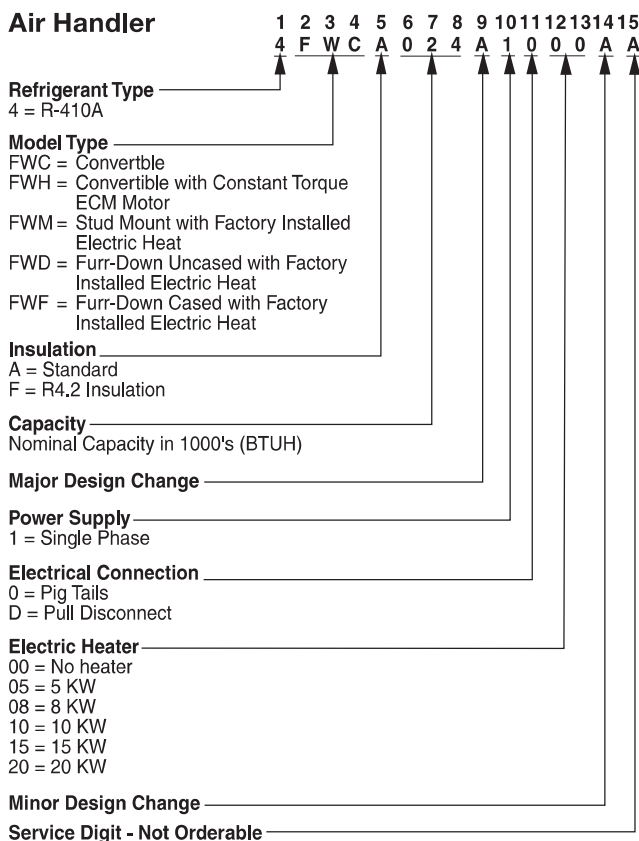
It's Hard To Stop A Trane.®

# Model Nomenclature Residential

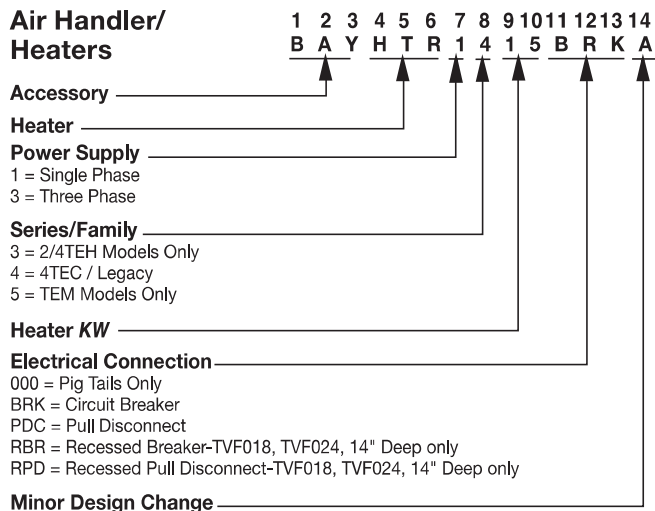
## Air Handler - Residential



## Air Handler



## Air Handler/ Heaters





# Model Nomenclature Residential

## Gas Furnaces

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15  
T U D 1 B 0 8 0 A 9 H 3 1 A A

**Furnace Configuration**  
TU = Upflow/Horizontal  
TD = Downflow/Horizontal

**Type**  
E = 80% Induced Draft Standard  
D = 80% Induced Draft Premium  
C = 90% Condensing Standard  
X = 90% Condensing Premium  
H = 95% + Condensing Premium

**Number of Heating Stages**  
1 = Single Stage  
2 = Two Stage  
M = Modulating

**Cabinet Width**  
A = 14.5" Cabinet Width  
B = 17.5" Cabinet Width  
C = 21.0" Cabinet Width  
D = 24.5" Cabinet Width

**Nominal Heating Input in 1000's (BTUH)**  
080 = 80,000 BTUH

**Major Design Change**

**Voltage**  
9 = 115 Volts / 60 Hertz / Natural Gas  
A = 115 Volts / 50 Hertz / Natural Gas  
C = 115 Volts / Natural Gas with Communicating System Control  
F = 115 Volts / Natural Gas with Integrated Electronic Filter  
D = 115 Volts / Natural Gas with Communicating System Control and Integrated Electronic Filter

**Air Capacity for Cooling**  
Standard PSC    Variable Speed    High Efficiency  
24 = 2 Tons    V3 = 3 Tons    H3 = 3 Tons  
36 = 3 Tons    V4 = 4 Tons    H4 = 4 Tons  
42 = 3.5 Tons    V5 = 5 Tons    H5 = 5 Tons  
45 = 4 Tons  
48 = 4 Tons  
54 = 5 Tons  
60 = 5 Tons  
72 = 6 Tons

**Draft Inducer Speeds**  
1 = Single Speed  
2 = Two Speed  
V = Variable Speed

**Minor Design Change**

**Service Digit - Not Orderable**

## S-Series Furnaces

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15  
S 8 B 1 B 0 8 0 U 2 P S A A A

**Level**  
S = Series

**AFUE**  
8 = 80%  
9 = 90% or Higher

**Blower**  
B = Base model  
P = PSC  
X = CTM  
V = Variable Speed

**Gas Valve Stages**  
1 = Single Stage  
2 = 2 Stage  
M = Modulating

**Cabinet Width**  
A = 14.5"  
B = 17.5"  
C = 21"  
D = 24.5"

**BTU Input**  
080 = 80,000 BTUH

**Poise Options**  
U = 3 Way  
D = Dedicated Downflow  
M = 4 Way Poise

**Air Capacity for Cooling**  
(in nominal tons)  
2 = 2 Tons  
3 = 3 Tons  
4 = 4 Tons  
5 = 5 Tons

**Inducer Type**  
P = PSC  
X = CTM  
V = Variable Speed

**Communicating Capability**  
C = Communicating System Control  
D = Communicating System Control, Low NOx  
S = 24 Volt  
T = 24 Volt, Low NOx

**Major Design Change**

**Minor Design Change**

**Service Digit - Not Orderable**



# Model Nomenclature Residential

## Heat Pump/ Cooling Coils

Refrigerant Type \_\_\_\_\_  
4 = R-410A

Series \_\_\_\_\_  
T = Premium (Cooling and HP)  
P = Premium High Efficiency - Dedicated position (Cooling and HP)  
A = Entry Level (Cooling and HP)  
M = Entry Level (Cooling and HP)

Coil Design \_\_\_\_\_  
X = Direct Expansion Evaporator Coil

Coil Feature \_\_\_\_\_  
C = Cased A Coil  
A = Uncased A Coil  
F = Cased Horizontal Flat Coil

Coil Width (Cased/Uncased) \_\_\_\_\_  
A = 14.5" / 13.3" D = 24.5" / 23.3"  
B = 17.5" / 16.3" H = 10.5"  
C = 21.0" / 19.8"

Refrigerant Line Coupling /  
Airflow Configuration \_\_\_\_\_  
0 = Brazed  
U = Upflow only, convertible to Horizontal Left  
D = Downflow only, convertible to Horizontal Right

Nominal Capacity in 1000's (BTUH) /  
Model Number Distinguisher \_\_\_\_\_

Major Design Change \_\_\_\_\_

Efficiency \_\_\_\_\_  
C = Standard  
S = High Efficiency (derived from 10 SEER products)  
Z = High Efficiency (TXV modulates to 50%)

Refrigerant Control \_\_\_\_\_  
3 = TXV - Non-Bleed  
6 = FCCV (Flow Control/Check Valve)

Coil Circuitry \_\_\_\_\_  
H = Heat Pump C = Cooling

Airflow Configuration \_\_\_\_\_  
A = Upflow  
U = Upflow / Downflow  
D = Downflow  
R = Downflow / Horizontal Right  
H = Horizontal Left/Right  
C = Convertible - Upflow, Downflow, Left or Right

Minor Design Change \_\_\_\_\_

Service Digit - Not Orderable \_\_\_\_\_

## TXV Kits

Refrigerant \_\_\_\_\_  
4 = R-410A  
2 = R-22

Accessory \_\_\_\_\_

Accessory Type \_\_\_\_\_  
TXV Kit

Compatibility \_\_\_\_\_  
Cooling & Heat Pump Compatible

Flow Control \_\_\_\_\_  
3 = TXV - Non Bleed

Major Design Change \_\_\_\_\_  
B = Internally Mounted (Mechanical Fittings)  
C = Internally Mounted (Mechanical Fittings)  
D = Internally Mounted (Mechanical Fittings)

Minimum Nominal Capacity in 000's BTU's \_\_\_\_\_

Maximum Nominal Capacity in 000's BTU's \_\_\_\_\_

Minor Design Change \_\_\_\_\_

Service Digit - Not Orderable \_\_\_\_\_



It's Hard To Stop A Trane.®

## Model Nomenclature Residential

### Trane CleanEffects™ Whole House Air Cleaner

Brand  
E = Dual Branded

Filtration

ifD

Size

Furnace Upflow	Furnace Downflow	Air Handler
145 = 14.5"	14D = 14.5"	215 = 21.5"
175 = 17.5"	17D = 17.5"	235 = 23.5"
210 = 21.0"	21D = 21.0"	260 = 26.0"
245 = 24.5"	24D = 24.5"	

Major Design Change

Power Supply

L = Low Voltage

Application

AH000 = Air Handler  
FR000 = Furnace

Minor Design Change

Service Digit - Not Orderable

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15  
E F D 1 4 5 A L F R 0 0 0 C A

### QuikBox Air Cleaner

Brand  
E = Dual Branded

Model  
QB = QuikBox

Filter Type  
FM = Filter Media

Product Dimensions

165 = 16.5" Furnace Width  
175 = 17.5" Furnace Width  
210 = 21.0" Furnace Width  
245 = 24.5" Furnace Width  
17D = 17.5" Air Handler Width  
185 = 18.5" Air Handler Width  
215 = 21.5" Air Handler Width  
235 = 23.5" Air Handler Width

Major Design Change

Product Development Sequence

Application

AH = Air Handler  
FR = Furnace

MERV Rating

11 = MERV 11  
13 = MERV 13

1 2 3 4 5 6 7 8 9 10  
E QB FM 175 A 0 FR 11

### Dehumidifiers

Brand  
E = Dual Branded

Accessory Type  
DHUM = Humidifier

Model Series

70H = 70 ppd, 1800 sq'  
098 = 98 ppd, 2300 sq'  
120 = 120 ppd, 2500 sq'

Major Design Change

A = Design Series

Configuration

H = Horizontal, Ducted Attic, Basement  
V = Vertical, Closet or Limited Space  
S = Split System Indoor and Outdoor Section

Voltage Supplied Wiring

1 = 115 VAC, 9" Cord, Grounded Plug

Controls

M = Wired 24V terminals

Application

D = Dedicated Ventilating Dehumidifier  
N = Dehumidifier with optional ventilation

Minor Design Change

Service Digit - Not Orderable

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15  
E D H U M 7 0 H A H M 0 0 B A

### QuikBox Filter Accessories

Accessory Type

FLR = Filter

Model

QB = QuikBox

Product Development Sequence

5 = 5" Expandable Media

Application

AH = Air Handler  
FR = Furnace

Product Dimensions

16 = 16.5" Furnace Width  
17 = 17.5" Furnace Width  
21 = 21.0" Furnace Width  
24 = 24.5" Furnace Width  
17D = 17.5" Air Handler Width  
18 = 18.5" Air Handler Width  
21 = 21.5" Air Handler Width  
23 = 23.5" Air Handler Width

MERV Rating

11 = MERV 11  
13 = MERV 13

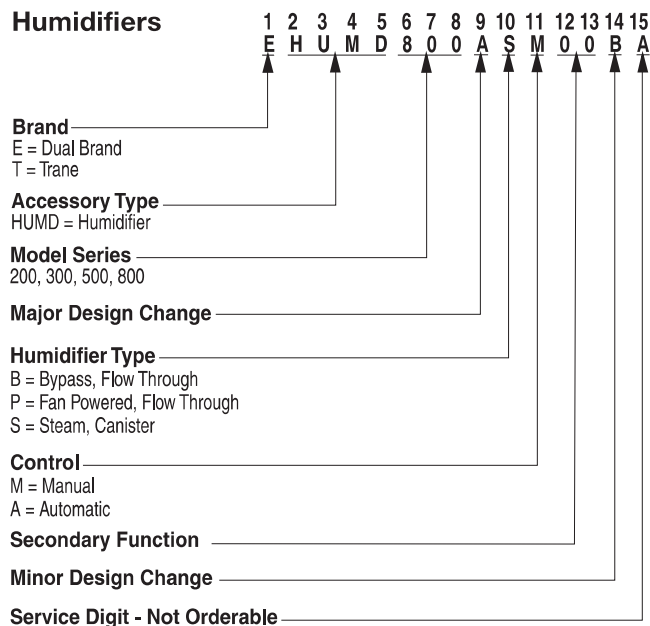
1 2 3 4 5 6  
FLR QB 5 FR 17 M11



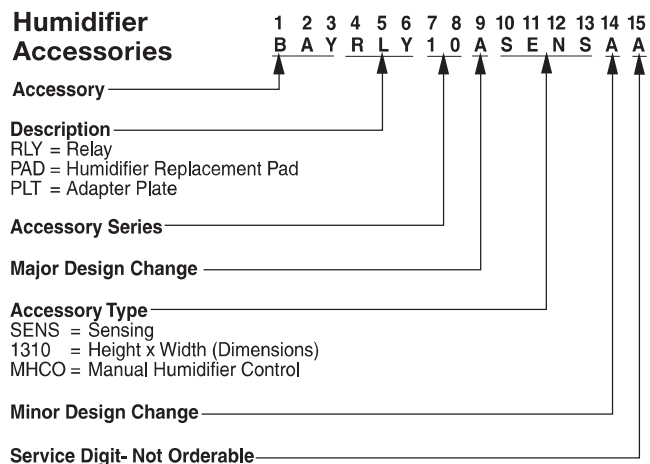
It's Hard To Stop A Trane.®

# Model Nomenclature Residential

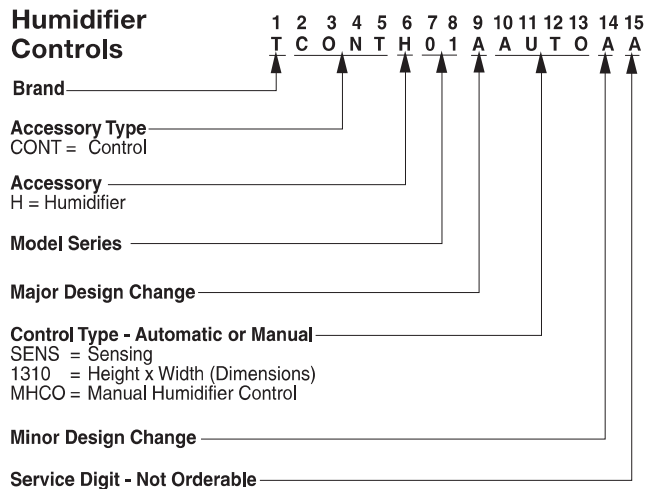
## Humidifiers



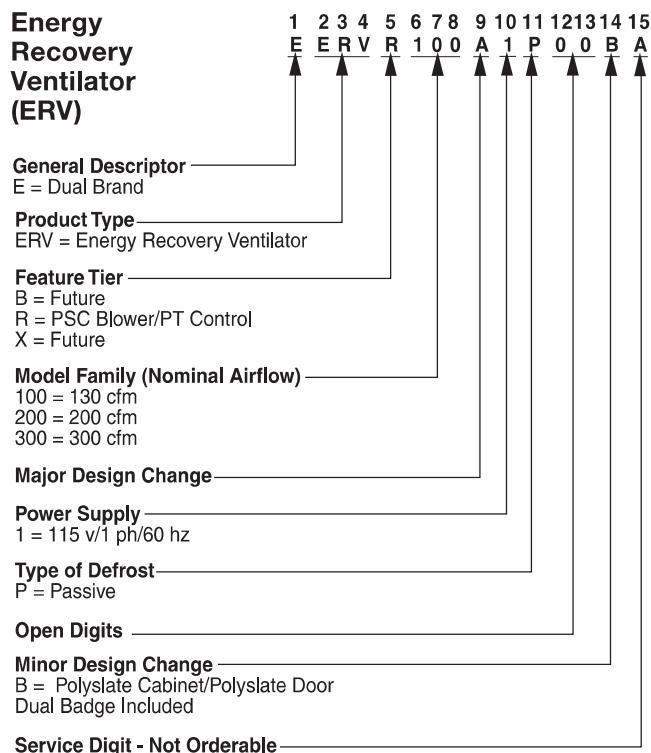
## Humidifier Accessories



## Humidifier Controls



## Energy Recovery Ventilator (ERV)





# Model Nomenclature Residential

## Packaged Units 15-Digit Model #

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	4	Y	C	C	4	0	4	2	A	3	0	0	A	A	
Refrigerant															
4 = R-410A															
Type															
Y = Gas Electric															
W = Heat Pump															
D = Dual Fuel															
T = Air Conditioner															
Configuration															
C = Convertible															
H = Horizontal (only)															
Model Tier															
C = Entry Level															
Y = Premium															
Z = Leadership - (2-Stage)															
Efficiency Tier															
4 = 14.0 SEER / 13.4 SEER2															
5 = 15.0 SEER2															
6 = 16.0 SEER															
Capacity in 1000's (BTUH)															
018 042															
024 048															
030 060															
036															
Major Design Change															
Voltage & Phase															
1 = 230V 1 Phase															
3 = 230V 3 Phase															
4 = 460V 3 Phase															
Gas Heat Input (MBTU/H)															
000 (AC or HP) 075															
Minor Design Change															
Service Digit - Not Orderable															

## Packaged Units (Pre-410A Refrigerant)

	1	2	3	4	5	6	7	8	9	10	11	12
	Y	C	X	0	3	6	G	1	M	0	A	0
Product Type												
TC = Cooling, Electric Heat												
WC = Heat Pump Packaged												
YC = Gas Electric												
DC = Heat Pump with Gas Heat												
Airflow Configuration												
D = Downflow												
Y = Super High Efficiency												
H, K = Horizontal												
Z = Ultra High Efficiency												
C = Convertible												
X = High Efficiency												
Cooling Capacity in 1000's (BTUH)												
018 = 1 1/2 Tons												
060 = 5 Tons												
024 = 2 Tons												
150 = 12 1/2 Tons												
030 = 2 1/2 Tons												
180 = 15 Tons												
036 = 3 Tons												
210 = 17 1/2 Tons												
042 = 3 1/2 Tons												
240 = 20 Tons												
048 = 4 Tons												
300 = 25 Tons												
Commercial High Efficiency Units												
151 = 12 1/2 Tons												
181 = 15 Tons												
211 = 17 1/2 Tons												
241 = 20 Tons												
301 = 25 Tons												
Major Design Change												
F = Impack - Side by Side - Ft. Smith Only												
B = Over/Under - Ft. Smith Only												
G = Impack Plus - Side by Side - Ft. Smith Only												
Electrical Characteristics												
1 = 208-230/1/60												
3 = 208-230/3/60												
4 = 460/3/60												
Secondary Capacity And/Or Factory-Installed Options												
00 = No Heat, No Options												
LO = Low Heating Capacity												
MO = Medium Heating Capacity												
HO = High Heating Capacity												
Minor Design Change												
Service Digit - Not Orderable												



# Model Nomenclature Residential

## Controls

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15  
T Z O N E 9 5 0 A C 5 2 Z A A

### Brand

T = Trane  
Z = Unbranded

### Accessory Type

CONT = Control (thermostat)  
ZONE = Control (zoning)

### Model Series

### Major Design Modifications

### Control Platform

M = Mechanical  
N = Non-programmable Electronic (Digital Display)  
F = Five/Two Programmable Electronic (Digital Display)  
S = Seven Day Programmable Electronic (Digital Display)  
C = Communicating  
W = Wireless

### Heating Stages

### Cooling Stages

### Equipment Application

A = AC / Heat (Gas or Electric)  
G = AC / Heat (Gas)  
E = AC / Heat (Electric)  
H = Heat Pump  
M = Multi-Application - AC / Heat (Gas/Elec) / Heat Pump  
D = Dual Fuel, Heat Pump, or AC and Heat (Gas/Elec)  
C = Communicating  
Z = Zoning - Universal application - 3 wire Communicating zone control of AC or Heat (Gas/Elec) and Dual Fuel Heat Pump  
U = Universal Application - Communicating Control of AC/Heat (Gas/Elec) / Dual Fuel Heat Pump

### Minor Design Change

### Service Digit

## Zone Dampers

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15  
Z D A M P R D M A 0 0 1 2 A A

### Brand

Z = Zoning

### Damper

### Model Series

RD = Round  
RR = Retro-Fit Round  
SM = Side Mount Rectangular  
BM = Bottom Mount Rectangular

### Modulating Damper (24 Volt, 60 Sec. Timing)

### Major Design Modifications

### Dimensions

0012 = 12" Round  
1014 = 10" X 14" Rectangular (motor mounted on 2nd dimension)

### Minor Design Change

### Service Digit