

# Rooftop Model Nomenclature

48FC	14.0 SEER (04-06) 15.0 IEER (07) Standard Efficiency WeatherMaker Gas Package Unit	3 – 6 Tons	1
48FCG	14.0 SEER Standard Efficiency WeatherMaker Ultra Low NOx Gas Package Units	3 – 5 Tons	2
48GC	16.1 SEER High Efficiency WeatherMaster Gas Package Unit	3 – 5 Tons	3
48GCG	16 SEER High Efficiency WeatherMaster Ultra Low NOx Gas Package Units	3 – 5 Tons	4
48HC	High Efficiency WeatherMaster Gas Package Units	3 – 12.5 Tons	5
48HC	High Efficiency WeatherMaster Gas Package Units	15 – 25 Tons	6
48JC	Ultra High Efficiency WeatherExpert Gas Package Units	3 – 5 Tons	7
48JCG	Ultra High Efficiency WeatherExpert Ultra Low NOx Gas Package Units	3 – 5 Tons	8
48KC	14.0 SEER (04-06) 15.0 IEER (07) Standard Efficiency WeatherMaker Gas Package Unit	3 – 5 Tons	9
48LC	Ultra High Efficiency WeatherExpert Gas Package Units	3 – 5 Tons	10
48LC	Ultra High Efficiency WeatherExpert Gas Package Units	6 – 10 Tons	11
48LC	Ultra High Efficiency WeatherExpert Gas Package Units	12.5 – 23 Tons	12
48LC*B	Ultra High Efficiency WeatherExpert <b>VAV</b> Gas Package Units	6 – 10 Tons	13
48LC*B	Ultra High Efficiency WeatherExpert <b>VAV</b> Gas Package Units	12.5 – 23 Tons	14
48TC	Standard Efficiency Gas Package Units	6 – 15 Tons	15
48TC	Standard Efficiency Gas Package Units      Vertical Units	15 – 27.5 Tons	16
48TC	Standard Efficiency Gas Package Units      Horizontal Units	15 – 25 Tons	17
50FC	14.0 SEER (04-06) 15.2 IEER (07) Standard Efficiency WeatherMaker Electric Package Unit	3 – 6 Tons	18
50GC	16.1 SEER High Efficiency WeatherMaster Electric Package Unit	3 – 5 Tons	19
50HC	High Efficiency WeatherMaster Electric Package Unit	3 – 12.5 Tons	20
50HC	High Efficiency WeatherMaster Electric Package Unit	15 – 25 Tons	21
50JC	Ultra High Efficiency WeatherExpert Electric Package Unit	3 – 5 Tons	22
50KC	14.0 SEER Standard Efficiency WeatherMaker Electric Package Unit	3 – 5 Tons	23
50LC	Ultra High Efficiency WeatherExpert Electric Package Unit	3 – 5 Tons	24
50LC	Ultra High Efficiency WeatherExpert Electric Package Unit	6 – 10 Tons	25
50LC	Ultra High Efficiency WeatherExpert Electric Package Unit	12.5 – 23 Tons	26
50LC*B	Ultra High Efficiency WeatherExpert <b>VAV</b> Electric Package Unit	6 – 10 Tons	27
50LC*B	Ultra High Efficiency WeatherExpert <b>VAV</b> Electric Package Unit	12.5 – 23 Tons	28
50TC	Standard Efficiency Electric Package Units	6 – 15 Tons	29
50TC	Standard Efficiency Electric Package Vertical Units	15 – 27.5 Tons	30
50TC	Standard Efficiency Electric Package Horizontal Units	15 – 25 Tons	31
50FCQ	14.3 SEER (04-06) 15.0 IEER (07) Standard Efficiency WeatherMaker Heat Pump Unit	3 – 6 Tons	32
50GCQ	16 SEER High Efficiency WeatherMaster Heat Pump Unit	3 – 5 Tons	33
50HCQ	High Efficiency WeatherMaster Heat Pump Unit	3 – 10 Tons	34
50KCQ	Standard Efficiency WeatherMaker Heat Pump Unit	3 – 5 Tons	35
50TCQ	Standard Efficiency WeatherMaker Heat Pump Unit	6 – 12.5 Tons	36
50TCQ	Standard Efficiency WeatherMaker Heat Pump Unit	15 – 20 Tons	37

# Model number nomenclature



## 48FC MODEL NUMBER NOMENCLATURE

Position:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Example:	4	8	F	C	D	A	0	4	A	2	A	5	-	0	A	0	A	0

### Unit Heat Type

48 – Gas Heat Packaged Rooftop

### Model Series - WeatherMaker®

FC – 14.0 SEER Standard Efficiency, sizes 04-06  
15.0 IEER Standard Efficiency, size 07

### Heat Size

D = Low Gas Heat  
E = Medium Gas Heat  
F = High Gas Heat  
L = Low NOx – Low Gas Heat<sup>1</sup>  
S = Low Heat w/ Stainless Steel Exchanger  
R = Medium Heat w/ Stainless Steel Exchanger  
T = High Heat w/ Stainless Steel Exchanger  
(Low NOx models include Stainless Steel HX)

### Refrig. Systems Options

A = Standard One Stage Cooling Models<sup>1</sup>  
B = Standard One Stage Cooling Models with Humidi-MiZer® system<sup>1,3</sup>  
M = Single Circuit, Two Stage Cooling<sup>2</sup>  
N = Single Circuit, Two Stage Cooling with Humidi-MiZer system<sup>2,3</sup>

### Cooling Tons

04 = 3 tons  
05 = 4 tons  
06 = 5 tons  
07 = 6 tons

### Sensor Options

A = None  
B = Return Air (RA) Smoke Detector  
C = Supply Air (SA) Smoke Detector  
D = RA + SA Smoke Detector  
E = CO<sub>2</sub> Sensor  
F = RA Smoke Detector and CO<sub>2</sub> Sensor  
G = SA Smoke Detector and CO<sub>2</sub> Sensor  
H = RA + SA Smoke Detector and CO<sub>2</sub> Sensor  
J = Condensate Overflow Switch  
K = Condensate Overflow Switch and RA Smoke Detector  
L = Condensate Overflow Switch and RA and SA Smoke Detectors  
M = Condensate Overflow Switch and SA Smoke Detector

### Indoor Fan Options

1 = Direct Drive – EcoBlue – Standard Static  
2 = Direct Drive – EcoBlue – Medium Static  
3 = Direct Drive – EcoBlue – High Static

### Coil Options – (Outdoor - Indoor - Hail Guard)

A = Al/Cu - Al/Cu  
B = Precoat Al/Cu - Al/Cu  
C = E-coat Al/Cu - Al/Cu  
D = E-coat Al/Cu - E-coat Al/Cu  
E = Cu/Cu - Al/Cu  
F = Cu/Cu - Cu/Cu  
M = Al/Cu - Al/Cu — Louvered Hail Guard  
N = Precoat Al/Cu - Al/Cu — Louvered Hail Guard  
P = E-coat Al/Cu - Al/Cu — Louvered Hail Guard  
Q = E-coat Al/Cu - E-coat Al/Cu — Louvered Hail Guard  
R = Cu/Cu - Al/Cu — Louvered Hail Guard  
S = Cu/Cu - Cu/Cu — Louvered Hail Guard

### Packaging & Seismic Compliance

0 = Standard  
1 = LTL

### Electrical Options

A = None  
C = Non-Fused Disconnect  
D = Thru-The-Base Connections  
F = Non-Fused Disconnect and Thru-The-Base Connections

### Service Options

0 = None  
1 = Unpowered Convenience Outlet  
2 = Powered Convenience Outlet  
3 = Hinged Panels  
4 = Hinged Panels and Unpowered Convenience Outlet  
5 = Hinged Panels and Powered Convenience Outlet

### Intake / Exhaust Options

A = None  
B = Temperature Economizer w/ Barometric Relief  
F = Enthalpy Economizer w/ Barometric Relief  
K = Two-Position Damper<sup>1</sup>  
U = Temperature Ultra Low Leak Economizer w/ Barometric Relief  
W = Enthalpy Ultra Low Leak Economizer w/ Barometric Relief

### Base Unit Controls

0 = Electro-mechanical Controls – can be used with field-installed W7212 EconoMiSer® IV (Non-Fault Detection and Diagnostic)  
2 = RTU Open Multi-Protocol Controller  
3 = SystemVu™ Controls  
6 = Electro-mechanical Controls – can be used with W7220 EconoMiSer X (with Fault Detection and Diagnostic)

### Design Revision

- = Factory Design Revision

### Voltage

1 = 575/3/60  
3 = 208-230/1/60<sup>1</sup>  
5 = 208-230/3/60  
6 = 460/3/60

<sup>1</sup> Size 04/05/06 models only

<sup>2</sup> Size 07 models only

<sup>3</sup> Units with Humidi-MiZer System include Low Ambient controller

**Note: On single phase (-3 voltage code) models, the following are not available as a factory-installed option:**

- Humidi-MiZer System
- Two-Position Damper
- Coated Coils or Cu Fin Coils
- Louvered Hail Guards
- Economizer or 2-Position Damper
- Powered 115 Volt Convenience Outlet

# Model number nomenclature



## 48FCG MODEL NUMBER NOMENCLATURE

Position:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Example:	4	8	F	C	G	A	0	6	A	2	A	5	-	0	A	0	A	0

### Unit Heat Type

48 – Gas Heat Packaged Rooftop

### Model Series - WeatherMaker®

FC → 14.0 SEER Standard Efficiency

### Heat Size

G = Ultra Low NOx - Low Gas Heat (14 ng/J)  
(All Ultra Low NOx models include Stainless Steel HX)

### Refrig. Systems Options

A = One Stage Cooling Models  
B = One Stage Cooling Models with Humidi-MiZer® system

### Nominal Cooling Tons

04 = 3 tons  
05 = 4 tons  
06 = 5 tons

### Sensor Options

A = None  
B = Return Air (RA) Smoke Detector  
C = Supply Air (SA) Smoke Detector  
D = RA and SA Smoke Detectors  
E = CO<sub>2</sub> Sensor  
F = RA Smoke Detector and CO<sub>2</sub> Sensor  
G = SA Smoke Detector and CO<sub>2</sub> Sensor  
H = RA and SA Smoke Detectors plus CO<sub>2</sub> Sensor  
J = Condensate Overflow Switch  
K = Condensate Overflow Switch plus RA Smoke Detector  
L = Condensate Overflow Switch plus RA and SA Smoke Detectors  
M = Condensate Overflow Switch plus SA Smoke Detector  
N = Condensate Overflow Switch plus CO<sub>2</sub> Sensor  
P = Condensate Overflow Switch plus CO<sub>2</sub> Sensor and RA Smoke Detector  
Q = Condensate Overflow Switch plus CO<sub>2</sub> Sensor and SA Smoke Detector  
R = Condensate Overflow Switch plus CO<sub>2</sub> Sensor, RA and SA Smoke Detectors

### Vane Axial Fan - Indoor Fan Options

1 = Direct Drive – EcoBlue – Standard Static  
2 = Direct Drive – EcoBlue – Medium Static  
3 = Direct Drive – EcoBlue – High Static

### Coil Options – (Condenser - Evaporator - Hail Guard)

A = Al/Cu - Al/Cu  
B = Precoat Al/Cu - Al/Cu  
C = E-coat Al/Cu - Al/Cu  
D = E-coat Al/Cu - E-coat Al/Cu  
E = Cu/Cu - Al/Cu  
F = Cu/Cu - Cu/Cu  
M = Al/Cu - Al/Cu — Louvered Hail Guard  
N = Precoat Al/Cu - Al/Cu — Louvered Hail Guard  
P = E-coat Al/Cu - Al/Cu — Louvered Hail Guard  
Q = E-coat Al/Cu - E-coat Al/Cu — Louvered Hail Guard  
R = Cu/Cu - Al/Cu — Louvered Hail Guard  
S = Cu/Cu - Cu/Cu — Louvered Hail Guard

### Voltage

3 = 208-230/1/60  
5 = 208-230/3/60  
6 = 460/3/60

### Packaging & Seismic Compliance

0 = Standard  
1 = LTL

### Electrical Options

A = None  
C = Non-Fused Disconnect (NFD)\*  
D = Thru-The-Base Connections  
F = Non-Fused Disconnect and Thru-The-Base Connections\*  
N = Phase Monitor/Protection  
Q = Phase Monitor/Protection and NFD\*  
R = Phase Monitor/Protection and Thru-The-Base  
T = Phase Monitor/Protection, NFD, and Thru-The-Base\*

### Service Options

0 = None  
1 = Unpowered Convenience Outlet  
2 = Powered Convenience Outlet  
3 = Hinged Panels  
4 = Hinged Panels and Unpowered Convenience Outlet  
5 = Hinged Panels and Powered Convenience Outlet  
6 = MERV-8 High Efficiency Filters  
7 = MERV-8 High Efficiency Filters, Unpowered Convenience Outlet  
8 = MERV-8 High Efficiency Filters, Powered Convenience Outlet  
9 = MERV-8 High Efficiency Filters, Hinged Panels  
A = MERV-8 High Efficiency Filters, Hinged Panels, Unpowered Convenience Outlet  
B = MERV-8 High Efficiency Filters, Hinged Panels, Powered Convenience Outlet

### Intake / Exhaust Options

A = None  
B = Temperature Economizer w/ Barometric Relief  
F = Enthalpy Economizer w/ Barometric Relief  
K = Two-Position Damper  
U = Temperature Ultra Low Leak Economizer w/ Barometric Relief  
W = Enthalpy Ultra Low Leak Economizer w/ Barometric Relief

### Base Unit Controls

0 = Electro-mechanical Controls – can be used with field-installed W7212 EconoMiSer® IV (Non-Fault Detection and Diagnostic)  
2 = RTU Open Multi-Protocol Controller  
3 = SystemVu™ Intelligent System Controller with Display  
6 = Electro-mechanical Controls – can be used with W7220 EconoMiSer X (with Fault Detection and Diagnostic)

### Design Revision

- = Factory Design Revision

\* Non-Fused Disconnect is not available for 460/3/60 voltage units.

**NOTE: On single phase (-3 voltage code) models, the following are not available as a factory-installed option:**

- Humidi-MiZer System
- Coated Coils or Cu Fin Coils
- Louvered Hail Guards
- Economizer or Two-Position Damper
- Powered 115 Volt Convenience Outlet

# Model number nomenclature



## 48GC MODEL NUMBER NOMENCLATURE

Position:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Example:	4	8	G	C	D	M	0	4	A	2	A	5	-	0	A	0	A	0

**Unit Heat Type**  
48 - Gas Heat Packaged Rooftop

**Model Series - WeatherMaster®**  
GC - 16.1 SEER Efficiency

**Heat Options**  
D = Low Gas Heat  
E = Medium Gas Heat  
F = High Gas Heat  
L = Low NOx – Low Gas Heat\*  
S = Low Heat w/ Stainless Steel Exchanger  
R = Medium Heat w/ Stainless Steel Exchanger  
T = High Heat w/ Stainless Steel Exchanger  
\* Low NOx models include – Stainless Steel HX

**Refrig. Systems Options**  
M = Two Stage Cooling  
N = Two Stage Cooling with Humidi-MiZer® system (includes Low Ambient control)  
P = Two Stage Cooling with Low Ambient control

**Cooling Tons**  
04 - 3 ton  
05 - 4 ton  
06 - 5 ton

**Sensor Options**  
A = None  
B = RA (Return Air) Smoke Detector  
C = SA (Supply Air) Smoke Detector  
D = RA + SA Smoke Detector  
E = CO<sub>2</sub>  
F = RA Smoke Detector and CO<sub>2</sub>  
G = SA Smoke Detector and CO<sub>2</sub>  
H = RA + SA Smoke Detector and CO<sub>2</sub>  
J = Condensate Overflow Switch (electro-mechanical controls only)  
K = Condensate Overflow Switch and RA Smoke Detector  
L = Condensate Overflow Switch and RA and SA Smoke Detectors  
M = Condensate Overflow Switch and SA Smoke Detector

**Indoor Fan Options**  
1 = Direct Drive EcoBlue™ - Standard Static  
2 = Direct Drive EcoBlue - Medium Static  
3 = Direct Drive EcoBlue - High Static

**Coil Options - Round Tube/Plate Fin Condenser Coil (Outdoor - Indoor - Hail Guard)**  
A = Al/Cu - Al/Cu  
B = Precoat Al/Cu - Al/Cu  
C = E-coat Al/Cu - Al/Cu  
D = E-coat Al/Cu - E-coat Al/Cu  
E = Cu/Cu - Al/Cu  
F = Cu/Cu - Cu/Cu  
M = Al/Cu - Al/Cu — Louvered Hail Guard  
N = Precoat Al/Cu - Al/Cu — Louvered Hail Guard  
P = E-coat Al/Cu - Al/Cu — Louvered Hail Guard  
Q = E-coat Al/Cu - E-coat Al/Cu — Louvered Hail Guard  
R = Cu/Cu - Al/Cu — Louvered Hail Guard  
S = Cu/Cu - Cu/Cu — Louvered Hail Guard

**Factory Assigned**  
0 = Standard  
1 = LTL

**Electrical Options**  
A = None  
B = HACR Breaker  
C = Non-Fused Disconnect (NFD)  
D = Thru-The-Base (TTB) Connections  
F = Non-Fused Disconnect and TTB  
N = Phase Monitor Protection  
P = Phase Monitor and HACR  
Q = Phase Monitor and NFD  
R = Phase Monitor and TTB  
S = Phase Monitor and HACR and TTB  
T = Phase Monitor and NFD and TTB

**Service Options**  
0 = None  
1 = Unpowered Convenience Outlet  
2 = Powered Convenience Outlet  
3 = Hinged Access Panels  
4 = Hinged Access Panels and Unpowered Convenience Outlet  
5 = Hinged Panels and Powered Convenience Outlet  
6 = MERV 8 Filters  
C = Foil Faced Insulation

**Intake / Exhaust Options**  
A = None  
B = Temperature Economizer w/ Barometric Relief  
F = Enthalpy Economizer w/ Barometric Relief  
U = Temperature Ultra Low Leak Economizer w/ Barometric Relief  
W = Enthalpy Ultra Low Leak Economizer w/ Barometric Relief

**Base Unit Controls**  
0 = Electro-mechanical Controls - can be used with field-installed W7212 EconoMiSer® IV (Non-Fault Detection and Diagnostic)  
2 = RTU Open Multi-Protocol Controller  
3 = SystemVu™ Controls  
6 = Electro-mechanical Controls - can be used with W7220 EconoMiSer X (with Fault Detection and Diagnostic)

**Design Revision**  
- = Factory Design Revision

**Voltage**  
1 = 575/3/60  
3 = 208-230/1/60  
5 = 208-230/3/60  
6 = 460/3/60

**Note: On single phase (-3 voltage code) models, the following are not available as a factory-installed option:**  
- Humidi-MiZer System  
- Coated Coils or Cu Fin Coils  
- Louvered Hail Guards  
- Economizer  
- Powered 115 Volt Convenience Outlet

# Model number nomenclature



## 48GCG MODEL NUMBER NOMENCLATURE

Position:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Example:	4	8	G	C	G	M	0	6	A	2	A	5	-	0	A	0	A	0

### Unit Heat Type

48 – Gas Heat Packaged Rooftop

### Model Series - WeatherMaster®

GC – High Efficiency 16 SEER

### Heat Size

G = ULTRA Low NOx - Low Gas Heat (14 ng/J)  
(All Ultra Low NOx models include Stainless Steel HX)

### Refrig. Systems Options

M = Two Stage Cooling Models  
N = Two Stage Cooling Models with Humidi-MiZer® system  
P = Two Stage Cooling Models with Low Ambient

### Nominal Cooling Tons

04 = 3 tons  
05 = 4 tons  
06 = 5 tons

### Sensor Options

A = None  
B = Return Air (RA) Smoke Detector  
C = Supply Air (SA) Smoke Detector  
D = RA and SA Smoke Detectors  
E = CO<sub>2</sub> Sensor  
F = RA Smoke Detector and CO<sub>2</sub> Sensor  
G = SA Smoke Detector and CO<sub>2</sub> Sensor  
H = RA and SA Smoke Detectors plus CO<sub>2</sub> Sensor  
J = Condensate Overflow Switch  
K = Condensate Overflow Switch plus RA Smoke Detector  
L = Condensate Overflow Switch plus RA and SA Smoke Detectors  
M = Condensate Overflow Switch plus SA Smoke Detector  
N = Condensate Overflow Switch plus CO<sub>2</sub> Sensor  
P = Condensate Overflow Switch plus CO<sub>2</sub> Sensor and RA Smoke Detector  
Q = Condensate Overflow Switch plus CO<sub>2</sub> Sensor and SA Smoke Detector  
R = Condensate Overflow Switch plus CO<sub>2</sub> Sensor, RA and SA Smoke Detectors

### Vane Axial Fan - Indoor Fan Options

1 = Direct Drive – EcoBlue – Standard Static  
2 = Direct Drive – EcoBlue – Medium Static  
3 = Direct Drive – EcoBlue – High Static

### Coil Options – (Condenser - Evaporator - Hail Guard)

A = Al/Cu - Al/Cu  
B = Precoat Al/Cu - Al/Cu  
C = E-coat Al/Cu - Al/Cu  
D = E-coat Al/Cu - E-coat Al/Cu  
E = Cu/Cu - Al/Cu  
F = Cu/Cu - Cu/Cu  
M = Al/Cu - Al/Cu — Louvered Hail Guard  
N = Precoat Al/Cu - Al/Cu — Louvered Hail Guard  
P = E-coat Al/Cu - Al/Cu — Louvered Hail Guard  
Q = E-coat Al/Cu - E-coat Al/Cu — Louvered Hail Guard  
R = Cu/Cu - Al/Cu — Louvered Hail Guard  
S = Cu/Cu - Cu/Cu — Louvered Hail Guard

**NOTE: On single phase (-3 voltage code) models, the following are not available as a factory-installed option:**

- Humidi-MiZer System
- Coated Coils or Cu Fin Coils
- Louvered Hail Guards
- Economizer
- Powered 115 Volt Convenience Outlet

### Packaging & Seismic Compliance

0 = Standard  
1 = LTL

### Electrical Options

A = None  
B = HACR Breaker<sup>1</sup>  
C = Non-Fused Disconnect (NFD)<sup>2</sup>  
D = Thru-The-Base Connections  
E = HACR Breaker and Thru-The-Base Connections<sup>1</sup>  
F = Non-Fused Disconnect and Thru-The-Base Connections<sup>2</sup>  
N = Phase Monitor/Protection  
P = Phase Monitor/Protection and HACR Breaker<sup>1</sup>  
Q = Phase Monitor/Protection and NFD<sup>2</sup>  
R = Phase Monitor/Protection and Thru-The-Base  
S = Phase Monitor/Protection, HACR Breaker, and Thru-The-Base<sup>1</sup>  
T = Phase Monitor/Protection, NFD, and Thru-The-Base<sup>2</sup>

### Service Options

0 = None  
1 = Unpowered Convenience Outlet  
2 = Powered Convenience Outlet  
3 = Hinged Panels  
4 = Hinged Panels and Unpowered Convenience Outlet  
5 = Hinged Panels and Powered Convenience Outlet  
6 = MERV-8 High Efficiency Filters  
7 = MERV-8 High Efficiency Filters, Unpowered Convenience Outlet  
8 = MERV-8 High Efficiency Filters, Powered Convenience Outlet  
9 = MERV-8 High Efficiency Filters, Hinged Panels  
A = MERV-8 High Efficiency Filters, Hinged Panels, Unpowered Convenience Outlet  
B = MERV-8 High Efficiency Filters, Hinged Panels, Powered Convenience Outlet  
C = Foil Faced Insulation

### Air Intake / Exhaust Options

A = None  
B = Temperature Economizer w/ Barometric Relief  
F = Enthalpy Economizer w/ Barometric Relief  
U = Temperature Ultra Low Leak Economizer w/ Barometric Relief  
W = Enthalpy Ultra Low Leak Economizer w/ Barometric Relief

### Base Unit Controls

0 = Base controls set up for field-installed air management devices  
2 = RTU Open Multi-Protocol Controller  
3 = SystemVu™ Intelligent System Controller with Display  
6 = Electro-mechanical Controls – can be used with W7220 EconoMi\$er X (with Fault Detection and Diagnostic)

### Design Revision

- = Factory Design Revision

### Voltage

3 = 208-230/1/60  
5 = 208-230/3/60  
6 = 460/3/60

<sup>1</sup>HACR Breaker is not available for 460/3/60 voltage units.

<sup>2</sup>Non-Fused Disconnect is not available for 460/3/60 voltage units.

# Model number nomenclature



## 48HC MODEL NUMBER NOMENCLATURE

48 HC D E 09 A 2 A 6 A 0 A 3 B 0

### Unit Heat Type

48 - Gas Heat Packaged Rooftop

### Model Series - WeatherMaster®

HC - High Efficiency

### Heat Options

D = Low Gas Heat  
 E = Medium Gas Heat  
 F = High Gas Heat  
 L = Low NOx - Low Gas Heat  
 M = Low NOx - Medium Gas Heat  
 N = Low NOx - High Gas Heat  
 S = Low Heat w/ Stainless Steel Exchanger  
 R = Medium Heat w/ Stainless Steel Exchanger  
 T = High Heat w/ Stainless Steel Exchanger  
 (Low NOx models include - Stainless Steel HX)

### Refrig. Systems Options

A = Single stage cooling models  
 B = Single stage cooling models with Humidi-MiZer®  
 D = Two stage cooling models  
 E = Two stage cooling models with Humidi-MiZer  
 F = Single stage cooling models with Motormaster® Low Ambient Controller  
 G = Two stage cooling models with Motormaster Low Ambient Controller

### Cooling Tons

04 - 3 ton	09 - 8.5 ton
05 - 4 ton	11 - 10 ton (12.0 EER)*
06 - 5 ton	12 - 10 ton (11.5 EER)*
07 - 6 ton	14 - 12.5 ton
08 - 7.5 ton	

### Sensor Options

A = None  
 B = RA Smoke Detector  
 C = SA Smoke Detector  
 D = RA + SA Smoke Detector  
 E = CO<sub>2</sub>  
 F = RA Smoke Detector and CO<sub>2</sub>  
 G = SA Smoke Detector and CO<sub>2</sub>  
 H = RA + SA Smoke Detector and CO<sub>2</sub>  
 J = Condensate Overflow Switch  
 K = Condensate Overflow Switch and RA Smoke Detectors  
 L = Condensate Overflow Switch and RA + SA Smoke Detectors

### Indoor Fan Options 3, 4, 5 Ton Models Only

0 = Electric (Direct) Drive x13 Motor  
 2 = Medium Static Option - Belt Drive  
 3 = High Static Option - Belt Drive

### Indoor Fan Options 6-12.5 Ton Models Only

1 = Standard Static Option - Belt Drive  
 2 = Medium Static Option - Belt Drive  
 3 = High Static Option - Belt Drive  
 C = High Static Option with High-Efficiency Motor, Belt Drive (Size 14 only)

### Coil Options (RTPF) (Outdoor - Indoor - Hail Guard)

A = Al/Cu - Al/Cu  
 B = Precoat Al/Cu - Al/Cu  
 C = E-coat Al/Cu - Al/Cu  
 D = E-coat Al/Cu - E-coat Al/Cu  
 E = Cu/Cu - Al/Cu  
 F = Cu/Cu - Cu/Cu  
 M = Al/Cu - Al/Cu — Louvered Hail Guard  
 N = Precoat Al/Cu - Al/Cu — Louvered Hail Guard  
 P = E-coat Al/Cu - Al/Cu — Louvered Hail Guard  
 Q = E-coat Al/Cu - E-coat Al/Cu — Louvered Hail Guard  
 R = Cu/Cu - Al/Cu — Louvered Hail Guard  
 S = Cu/Cu - Cu/Cu — Louvered Hail Guard

### Factory Assigned

0 = Standard  
 1 = LTL  
 3 = California Seismic Complaint - OSHPD  
 4 = California Seismic Complaint - OSHPD plus LTL

### Electrical Options†

A = None  
 B = HACR Breaker  
 C = Non-Fused Disconnect  
 D = Thru-The-Base Connections  
 E = HACR and Thru-The Base Connections  
 F = Non-Fused Disconnect and Thru-The-Base Connections  
 G = 2-Speed Indoor Fan (VFD) Controller  
 H = 2-Speed Fan Controller (VFD) and HACR Breaker  
 J = 2-Speed Fan Controller (VFD) and Non-Fused Disconnect  
 K = 2-Speed Fan Controller (VFD) and Thru-The-Base Connections  
 L = 2-Speed Fan Controller (VFD) w/ HACR Breaker and Thru-The Base Connections  
 M = 2-Speed Fan Controller (VFD) with Non-Fused Disconnect and Thru-The-Base Connections

### Service Options

0 = None  
 1 = Unpowered Convenience Outlet  
 2 = Powered Convenience Outlet  
 3 = Hinged Panels  
 4 = Hinged Panels and Unpowered Convenience Outlet  
 5 = Hinged Panels and Powered Convenience Outlet  
 C = Foil Faced Insulation  
 D = Foil Faced Insulation with Unpowered Convenience Outlet  
 E = Foil Faced Insulation with Powered Convenience Outlet  
 F = Foil Faced Insulation & Hinged Panels  
 G = Foil Faced Insulation & Hinged Panels with Unpowered Convenience Outlet  
 H = Foil Faced Insulation & Hinged Panels with Powered Convenience Outlet

### Intake / Exhaust Options

A = None  
 B = Temperature Economizer w/ Barometric Relief  
 F = Enthalpy Economizer w/ Barometric Relief  
 K = 2-Position Damper  
 Q = EnergyX® only  
 R = EnergyX + Economizer only\*\*  
 S = EnergyX + Frost Protection only\*\*  
 T = EnergyX + Economizer + Frost Protection\*\*  
 U = Low Leak Temperature Economizer w/ Barometric Relief  
 W = Low Leak Enthalpy Economizer w/ Barometric Relief

### Base Unit Controls

0 = Electromechanical Controls can be used with W7212 Controller (Non-Fault Detection and Diagnostic)  
 1 = PremierLink™ Controller  
 2 = RTU Open Multi-Protocol Controller  
 6 = Electro-mechanical w/ 2-speed fan and W7220 controller (w/ Fault Detection & Diagnostic). Can be used with EconoMiSer®  
 D = ComfortLink Controls (Not available on 2-stage cooling 07 size models or size 11 with Humidi-Mizer®)

### Design Revision

A = Factory Design Revision

### Voltage††

1 = 575/3/60	5 = 208-230/3/60
3 = 208-230/1/60	6 = 460/3/60

\* Staged Air Volume (SAV) is required on sizes 11 and 12 units to meet DOE-2018 minimum efficiency requirements.

† Units sold in the US require a 2-speed fan.

\*\* Includes ComfortLink controls.

†† On single phase models (-3 voltage code), the following are not available as factory-installed options:

- Humidi-MiZer System
- Coated Coils or Cu Fin Coils
- Louvered Hail Guards
- Economizer or 2-Position Damper
- Powered 115 v Convenience Outlet



For California Residents:  
 For installation in SCAQMD only: This furnace does not meet the SCAQMD Rule 1111 14 ng/J NOx emission limit, and thus is subject to a mitigation fee of up to \$450. This furnace is not eligible for the Clean Air Furnace Rebate Program: [www.CleanAirFurnaceRebate.com](http://www.CleanAirFurnaceRebate.com).

# Model number nomenclature



## 48HC MODEL NUMBER NOMENCLATURE

48 HC D E 17 A 2 A 6 - 0 A 3 B 0

### Unit Heat Type

48 = Gas Heat Packaged Rooftop

### Model Series - WeatherMaster®

HC = High Efficiency

### Heat Options

D = Low Gas Heat  
 E = Medium Gas Heat  
 F = High Gas Heat  
 S = Low Heat w/ Stainless Steel Exchanger  
 R = Medium Heat w/ Stainless Steel Exchanger  
 T = High Heat w/ Stainless Steel Exchanger

### Refrig. Systems Options

D = Two stage cooling model with Round Tube/Plate Fin  
 E = Two stage cooling models with Humidi-MiZer® System  
 G = Two stage cooling models with Motormaster® Low Ambient controller

### Cooling Tons

17 = 15 tons  
 20 = 17.5 tons  
 24 = 20 tons  
 28 = 25 tons

### Sensor Options

A = None  
 B = RA Smoke Detector  
 C = SA Smoke Detector  
 D = RA + SA Smoke Detector  
 E = CO<sub>2</sub> Sensor  
 F = RA Smoke Detector and CO<sub>2</sub>  
 G = SA Smoke Detector and CO<sub>2</sub>  
 H = RA + SA Smoke Detector and CO<sub>2</sub>  
 J = Condensate Overflow Switch  
 K = Condensate Overflow Switch and RA Smoke Detectors  
 L = Condensate Overflow Switch and RA and SA Smoke Detectors

### Indoor Fan Options & Air Flow Configuration

1 = Standard Static/Vertical Supply, Return Air Flow  
 2 = Medium Static/Vertical Supply, Return Air Flow  
 3 = High Static/Vertical Supply, Return Air Flow  
 B = Medium Static, High Efficiency Motor/Vertical Supply, Return Air Flow  
 C = High Static, High Efficiency Motor/Vertical Supply, Return Air Flow  
 5 = Standard Static/Horizontal Supply, Return Air Flow  
 6 = Medium Static/Horizontal Supply, Return Air Flow  
 7 = High Static/Horizontal Supply, Return Air Flow  
 F = Medium Static, High Efficiency Motor/Horizontal Supply, Return Air Flow  
 G = High Static, High Efficiency Motor/Horizontal Supply, Return Air Flow

### Coil Options – RTPF (Outdoor - Indoor - Hail Guard)

A = Al/Cu - Al/Cu  
 B = Precoat Al/Cu - Al/Cu  
 C = E-coat Al/Cu - Al/Cu  
 D = E-coat Al/Cu - E-coat Al/Cu  
 E = Cu/Cu - Al/Cu  
 F = Cu/Cu - Cu/Cu  
 M = Al/Cu - Al/Cu — Louvered Hail Guard  
 N = Precoat Al/Cu - Al/Cu — Louvered Hail Guard  
 P = E-coat Al/Cu - Al/Cu — Louvered Hail Guard  
 Q = E-coat Al/Cu - E-coat Al/Cu — Louvered Hail Guard  
 R = Cu/Cu - Al/Cu — Louvered Hail Guard  
 S = Cu/Cu - Cu/Cu — Louvered Hail Guard

### Packaging

0 = Standard  
 3 = California Seismic Compliant - OSHPD

### Electrical Options

A = None  
 B = HACR Breaker  
 C = Non-Fused Disconnect  
 D = Through-the-base Connection  
 C = Non-Fused Disconnect and Through-the-base Connection  
 G = 2-Speed Indoor Fan (VFD) Controller  
 J = 2 Speed Fan Controller (VFD) and Non-Fused Disconnect

### Service Options

0 = None  
 1 = Unpowered Convenience Outlet  
 2 = Powered Convenience Outlet  
 3 = Hinged Panels  
 4 = Hinged Panels & Unpowered Convenience Outlet  
 5 = Hinged Panels & Powered Convenience Outlet  
 C = Foil Faced Insulation

### Intake / Exhaust Options

A = None  
 B = Temperature Economizer w/ Barometric Relief  
 F = Enthalpy Economizer w/ Barometric Relief  
 K = 2-Position Damper  
 P = Manual Outdoor Air Damper  
 Q = EnergyX® Only  
 R = EnergyX with Economizer Only  
 S = EnergyX with Frost Protection Only  
 T = EnergyX with Economizer and Frost Protection  
 U = Temp Ultra Low Leak Economizer w/ Barometric Relief  
 V = Temp Ultra Low Leak Economizer w/ Power Exhaust  
 - Vertical Air Only  
 W = Enthalpy Ultra Low Leak Economizer w/ Barometric Relief  
 X = Enthalpy Ultra Low Leak Economizer w/ Power Exhaust  
 - Vertical Air Only

### Base Unit Controls

0 = Electro-mechanical Controls. Can be used with W7212 EconoMiSer® IV (Non-Fault Detection and Diagnostic)  
 1 = PremierLink™ Controller  
 2 = RTU Open Multi-Protocol Controller  
 6 = Electro-mechanical w/ 2-Speed Fan and W7220 Economizer Controller. Can be used with W7220 EconoMiSer X (with Fault Detection and Diagnostic)  
 D = ComfortLink Controls (Standard with EnergyX)

### Design Revision

- = Factory Design Revision

### Voltage

1 = 575/3/60  
 5 = 208-230/3/60  
 6 = 460/3/60

NOTE: Not all possible options are displayed. See the current 48HC and 48HCX 15 to 25 ton price page for more details.



# Model number nomenclature



## 48JC MODEL NUMBER NOMENCLATURE

Position:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Example:	4	8	J	C	D	V	0	6	A	2	A	5	-	3	A	0	A	0

### Unit Heat Type

48 = Gas Heat Packaged Rooftop

### Model Series - WeatherExpert®

JC = Ultra High Efficiency

### Heat Options

- D = Low Gas Heat
- E = Medium Gas Heat
- F = High Gas Heat
- S = Low Heat with Stainless Steel HX (Heat Exchanger)
- R = Medium Heat with Stainless Steel HX
- T = High Heat with Stainless Steel HX

### Refrig. Systems Options

- V = Variable Speed Cooling Capacity
- W = Variable Speed Cooling Capacity with Humidi-MiZer® System

### Cooling Tons

- 04 = 3 ton
- 05 = 4 ton
- 06 = 5 ton

### Sensor Options

- A = None
- B = RA (Return Air) Smoke Detector
- C = SA (Supply Air) Smoke Detector
- D = RA + SA Smoke Detector
- E = CO<sub>2</sub>
- F = RA Smoke Detector and CO<sub>2</sub>
- G = SA Smoke Detector and CO<sub>2</sub>
- H = RA + SA Smoke Detector and CO<sub>2</sub>
- J = Condensate Overflow Switch
- K = Condensate Overflow Switch and RA Smoke Detector
- L = Condensate Overflow Switch and RA and SA Smoke Detectors
- M = Condensate Overflow Switch and SA Smoke Detector
- N = Condensate Overflow Switch and CO<sub>2</sub>
- P = Condensate Overflow Switch w/ CO<sub>2</sub> + RA Smoke Detector
- Q = Condensate Overflow Switch w/ CO<sub>2</sub> + SA Smoke Detector
- R = Condensate Overflow Switch w/ CO<sub>2</sub> + RA and SA Smk. Det.

### Vane Axial Fan - Indoor Fan Options

- 1 = Direct Drive EcoBlue™ - Standard Static
- 2 = Direct Drive EcoBlue - Medium Static
- 3 = Direct Drive EcoBlue - High Static

### Coil Options - Round Tube/Plate Fin Condenser Coil (Outdoor - Indoor - Hail Guard)

- A = Al/Cu - Al/Cu
- B = Precoat Al/Cu - Al/Cu
- C = E-coat Al/Cu - Al/Cu
- D = E-coat Al/Cu - E-coat Al/Cu
- E = Cu/Cu - Al/Cu
- F = Cu/Cu - Cu/Cu
- M = Al/Cu - Al/Cu — Louvered Hail Guard
- N = Precoat Al/Cu - Al/Cu — Louvered Hail Guard
- P = E-coat Al/Cu - Al/Cu — Louvered Hail Guard
- Q = E-coat Al/Cu - E-coat Al/Cu — Louvered Hail Guard
- R = Cu/Cu - Al/Cu — Louvered Hail Guard
- S = Cu/Cu - Cu/Cu — Louvered Hail Guard

### Factory Assigned

- 0 = Standard
- 1 = LTL

### Electrical Options

- A = None
- B = HACR Breaker
- C = Non-Fused Disconnect (NFD)
- D = Thru-The-Base (TTB) Connections
- E = HACR Circuit Breaker and TTB
- F = Non-Fused Disconnect and TTB
- N = Phase Monitor Protection
- P = Phase Monitor and HACR
- Q = Phase Monitor and NFD
- R = Phase Monitor and TTB
- S = Phase Monitor and HACR and TTB
- T = Phase Monitor and NFD and TTB

### Service Options

#### (Foil Face Insulation Standard)

- 0 = None
- 1 = Unpowered Convenience Outlet
- 2 = Powered Convenience Outlet
- 3 = Hinged Access Panels
- 4 = Hinged Access Panels and Unpowered Convenience Outlet
- 5 = Hinged Panels and Powered Convenience Outlet
- 6 = MERV 8 High Efficiency Filters
- 7 = MERV 8 High Efficiency Filters and Unpowered Convenience Outlet
- 8 = MERV 8 High Efficiency Filters and Powered Convenience Outlet
- 9 = MERV 8 High Efficiency Filters and Hinged Panels
- A = MERV 8 High Efficiency Filters, Hinged Panels and Unpowered Convenience Outlet
- B = MERV 8 High Efficiency Filters, Hinged Panels and Powered Convenience Outlet

### Air Intake / Exhaust Options

- A = None
- B = Temperature EconoMi\$er®2 w/ Barometric Relief
- F = Enthalpy EconoMi\$er2 w/ Barometric Relief
- U = Ultra Low Leak Temperature EconoMi\$er2 w/ Barometric Relief
- W = Ultra Low Leak Enthalpy EconoMi\$er2 w/ Barometric Relief

### Base Unit Controls

- 3 = SystemVu™ Controls - Standard all units

### Design Revision

- = Factory Design Revision

### Voltage

- 1 = 575/3/60
- 5 = 208-230/3/60
- 6 = 460/3/60



# Model number nomenclature



## 48JCG MODEL NUMBER NOMENCLATURE

Position:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Example:	4	8	J	C	G	V	0	6	A	2	A	5	-	3	A	0	A	0

### Unit Heat Type

48 - Gas Heat Packaged Rooftop

### Model Series - WeatherExpert®

JC - Ultra High Efficiency

### Heat Options

G = ULTRA Low NOx - Low Gas Heat (14 ng/J)  
(All Ultra Low NOx models include Stainless Steel HX)

### Refrig. Systems Options

V = Variable Speed Cooling Capacity  
W = Variable Speed Cooling Capacity with Humidi-MiZer® System

### Cooling Tons

04 - 3 ton  
05 - 4 ton  
06 - 5 ton

### Sensor Options

A = None  
B = RA (Return Air) Smoke Detector  
C = SA (Supply Air) Smoke Detector  
D = RA + SA Smoke Detector  
E = CO<sub>2</sub>  
F = RA Smoke Detector and CO<sub>2</sub>  
G = SA Smoke Detector and CO<sub>2</sub>  
H = RA + SA Smoke Detector and CO<sub>2</sub>  
J = Condensate Overflow Switch  
K = Condensate Overflow Switch and RA Smoke Detector  
L = Condensate Overflow Switch and RA and SA Smoke Detectors  
M = Condensate Overflow Switch and SA Smoke Detector  
N = Condensate Overflow Switch and CO<sub>2</sub>  
P = Condensate Overflow Switch w/ CO<sub>2</sub> + RA Smoke Detector  
Q = Condensate Overflow Switch w/ CO<sub>2</sub> + SA Smoke Detector  
R = Condensate Overflow Switch w/ CO<sub>2</sub> + RA and SA Smk. Det.

### Vane Axial Fan - Indoor Fan Options

1 = Direct Drive EcoBlue™ - Standard Static  
2 = Direct Drive EcoBlue - Medium Static  
3 = Direct Drive EcoBlue - High Static

### Coil Options - Round Tube/Plate Fin Condenser Coil (Outdoor - Indoor - Hail Guard)

A = Al/Cu - Al/Cu  
B = Precoat Al/Cu - Al/Cu  
C = E-coat Al/Cu - Al/Cu  
D = E-coat Al/Cu - E-coat Al/Cu  
E = Cu/Cu - Al/Cu  
F = Cu/Cu - Cu/Cu  
M = Al/Cu - Al/Cu — Louvered Hail Guard  
N = Precoat Al/Cu - Al/Cu — Louvered Hail Guard  
P = E-coat Al/Cu - Al/Cu — Louvered Hail Guard  
Q = E-coat Al/Cu - E-coat Al/Cu — Louvered Hail Guard  
R = Cu/Cu - Al/Cu — Louvered Hail Guard  
S = Cu/Cu - Cu/Cu — Louvered Hail Guard

### Factory Assigned

0 = Standard  
1 = LTL

### Electrical Options\*

A = None  
B = HACR Breaker  
C = Non-Fused Disconnect (NFD)  
D = Thru-The-Base (TTB) Connections  
E = HACR Circuit Breaker and TTB  
F = Non-Fused Disconnect and TTB  
N = Phase Monitor Protection  
P = Phase Monitor and HACR  
Q = Phase Monitor and NFD  
R = Phase Monitor and TTB  
S = Phase Monitor and HACR and TTB  
T = Phase Monitor and NFD and TTB

### Service Options

#### (Foil Face Insulation Standard)

0 = None  
1 = Unpowered Convenience Outlet  
2 = Powered Convenience Outlet  
3 = Hinged Access Panels  
4 = Hinged Access Panels and Unpowered Convenience Outlet  
5 = Hinged Panels and Powered Convenience Outlet  
6 = MERV 8 High Efficiency Filters  
7 = MERV 8 High Efficiency Filters and Unpowered Convenience Outlet  
8 = MERV 8 High Efficiency Filters and Powered Convenience Outlet  
9 = MERV 8 High Efficiency Filters and Hinged Panels  
A = MERV 8 High Efficiency Filters, Hinged Panels and Unpowered Convenience Outlet  
B = MERV 8 High Efficiency Filters, Hinged Panels and Powered Convenience Outlet

### Air Intake / Exhaust Options

A = None  
B = Temperature EconoMiSer®2 w/ Barometric Relief  
F = Enthalpy EconoMiSer2 w/ Barometric Relief  
U = Ultra Low Leak Temperature EconoMiSer2 w/ Barometric Relief  
W = Ultra Low Leak Enthalpy EconoMiSer2 w/ Barometric Relief

### Base Unit Controls

3 = SystemVu™ Controls - Standard all units

### Design Revision

- = Factory Design Revision

### Voltage

5 = 208-230/3/60  
6 = 460/3/60

\* HACR and Non-Fused Disconnect are not available on 460V models.

# Model number nomenclature



Position:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Example:	4	8	K	C	D	A	0	4	A	0	A	5	-	0	A	0	A	0

**Unit Heat Type**

48 - Gas Heat Packaged Rooftop

**Model Series - WeatherMaker®**

KC - Standard 14 SEER Efficiency

**Heat Options**

- D = Low Gas Heat
  - E = Medium Gas Heat
  - F = High Gas Heat
  - L = Low NOx — Low Gas Heat
  - M = Low NOx— Medium Gas Heat
  - N = Low NOx— High Gas Heat
  - S = Low Heat w/ Stainless Steel Exchanger
  - R = Medium Heat w/ Stainless Steel Exchanger
  - T = High Heat w/ Stainless Steel Exchanger
- (Low NOx models include — Stainless Steel HX)

**Refrig. Systems Options**

- A = Standard One Stage Cooling Models
- B = Standard One Stage Cooling Models with Humidi-MiZer®

**Cooling Tons**

- 04 - 3 ton
- 05 - 4 ton
- 06 - 5 ton

**Sensor Options**

- A = None
- B = RA Smoke Detector
- C = SA Smoke Detector
- D = RA + SA Smoke Detector
- E = CO<sub>2</sub>
- F = RA Smoke Detector and CO<sub>2</sub>
- G = SA Smoke Detector and CO<sub>2</sub>
- H = RA + SA Smoke Detector and CO<sub>2</sub>

**Indoor Fan Options**

- 0 = Direct Drive ECM
- 2 = Medium Static Option
- 3 = High Static Option

**Coil Options - Round Tube/Plate Fin Condenser Coil (Outdoor - Indoor - Hail Guard)**

- A = Al/Cu - Al/Cu
- B = Precoat Al/Cu - Al/Cu
- C = E-coat Al/Cu - Al/Cu
- D = E-coat Al/Cu - E-coat Al/Cu
- E = Cu/Cu - Al/Cu
- F = Cu/Cu - Cu/Cu
- M = Al/Cu -Al/Cu — Louvered Hail Guard
- N = Precoat Al/Cu - Al/Cu — Louvered Hail Guard
- P = E-coat Al/Cu - Al/Cu — Louvered Hail Guard
- Q = E-coat Al/Cu - E-coat Al/Cu — Louvered Hail Guard
- R = Cu/Cu - Al/Cu — Louvered Hail Guard
- S = Cu/Cu - Cu/Cu — Louvered Hail Guard

**Factory Assigned**

- 0 = Standard
- 1 = LTL

**Electrical Options**

- A = None
- C = Non-Fused Disconnect
- D = Thru-The-Base Connections
- F = Non-Fused Disconnect and Thru-The-Base Connections

**Service Options**

- 0 = None
- 1 = Unpowered Convenience Outlet
- 2 = Powered Convenience Outlet
- 3 = Hinged Access Panels
- 4 = Hinged Access Panels and Unpowered Convenience Outlet
- 5 = Hinged Panels and Powered Convenience Outlet

**Intake / Exhaust Options**

- A = None
- B = Temperature Economizer w/ Barometric Relief
- F = Enthalpy Economizer w/ Barometric Relief
- K = 2-Position Damper
- U = Temperature Ultra Low Leak Economizer w/ Barometric Relief
- W = Enthalpy Ultra Low Leak Economizer w/ Barometric Relief

**Base Unit Controls**

- 0 = Electro-mechanical Controls can be used with W7212 EconoMi\$er IV (Non-Fault Detection and Diagnostic)
- 1 = PremierLink Controller
- 2 = RTU Open Multi-Protocol Controller
- 6 = Electro-mechanical with W7220 Economizer controller Controls. Can be used with W7220 EconoMi\$er X (with Fault Detection and Diagnostic)

**Design Revision**

- = Factory Design Revision

**Voltage**

- 1 = 575/3/60
- 3 = 208-230/1/60
- 5 = 208-230/3/60
- 6 = 460/3/60

**Note: On single phase (-3 voltage code) models, the following are not available as a factory installed option:**

- Humidi-MiZer
- Coated Coils or Cu Fin Coils
- Louvered Hail Guards
- Economizer or 2 Position Damper
- Powered 115 volt Convenience Outlet

For California Residents:  
 For installation in SCAQMD (South Coast Air Quality Management District) only:  
 This furnace does not meet the SCAQMD Rule 1111 14 ng/J  
 NOx emission limit, and thus is subject to a mitigation fee of up to \$450. This furnace is not  
 eligible for the Clean Air Furnace Rebate Program: [www.CleanAirFurnaceRebate.com](http://www.CleanAirFurnaceRebate.com).

# Model number nomenclature



## 48LC MODEL NUMBER NOMENCLATURE

4 8 L C D 0 0 6 A 0 A 5 - 0 A 0 A 0

Unit Heat Type  
48 – Gas Heat Packaged Rooftop

Model Series - WeatherExpert  
LC – Ultra High Efficiency

Heat Size  
D = Low Gas Heat  
E = Medium Gas Heat  
F = High Gas Heat  
L = Low NOx – Low Gas Heat  
M = Low NOx – Medium Gas Heat  
N = Low NOx – High Gas Heat  
S = Low Heat with Stainless Steel Exchanger  
R = Medium Heat with Stainless Steel Exchanger  
T = High Heat with Stainless Steel Exchanger  
(Low NOx models include – Stainless Steel HX)

Refrig. Systems Options  
0 = Two stage cooling capacity  
A = Two stage cooling capacity with Humidi-MiZer System

Cooling Tons  
04 - 3 ton  
05 - 4 ton  
06 - 5 ton

Sensor Options  
A = None  
B = RA Smoke Detector  
C = SA Smoke Detector  
D = RA + SA Smoke Detector  
E = CO<sub>2</sub>  
F = RA Smoke Detector and CO<sub>2</sub>  
G = SA Smoke Detector and CO<sub>2</sub>  
H = RA + SA Smoke Detector and CO<sub>2</sub>  
J = Condensate Overflow Switch  
K = Condensate Overflow Switch and RA Smoke Detectors  
L = Condensate Overflow Switch and RA and SA Smoke Detectors

Indoor Fan Motor Options  
0 = Standard Electric (Direct) Drive x13 ECM Motor  
2 = Medium Static Belt Drive with VFD controller  
3 = High Static Belt Drive with VFD controller

Brand / Packaging  
0 = Standard  
1 = LTL

Electrical Options  
A = None  
B = HACR Breaker  
C = Non-Fused Disconnect  
D = Thru-The-Base Connections  
E = HACR Breaker w/ Thru-The-Base Connections  
F = Non-Fused Disconnect and Thru-The-Base Connections

Service Options  
0 = None  
1 = Unpowered Convenience Outlet  
2 = Powered Convenience Outlet  
3 = Hinged Panels  
4 = Hinged Panels, Unpowered Convenience Outlet  
5 = Hinged Panels, Powered Convenience Outlet

Intake / Exhaust Options  
A = None  
B = Temperature Economizer w/ Barometric Relief  
E = Enthalpy Economizer w/ Barometric Relief  
N = Ultra LOW LEAK Temperature Economizer w/ Barometric Relief  
R = Ultra LOW LEAK Enthalpy Economizer w/ Barometric Relief

Base Unit Controls  
0 = Base Electromechanical Controls  
1 = RTU Open Multi-Protocol Controller  
4 = SystemVu Controller

Design Revision  
- Factory Design Revision

Voltage  
1 = 575/3/60  
5 = 208-230/3/60  
6 = 460/3/60

Coil Options (Outdoor – Indoor – Hail Guard)  
A = Al/Cu – Al/Cu  
B = Precoat Al/Cu – Al/Cu  
C = E-coat Al/Cu – Al/Cu  
D = E-coat Al/Cu – E-coat Al/Cu  
E = Cu/Cu – Al/Cu  
F = Cu/Cu – Cu/Cu  
M = Al/Cu – Al/Cu – Louvered Hail Guard  
N = Precoat Al/Cu – Al/Cu – Louvered Hail Guard  
P = E-coat Al/Cu – Al/Cu – Louvered Hail Guard  
Q = E-coat Al/Cu – E-coat Al/Cu – Louvered Hail Guard  
R = Cu/Cu – Al/Cu – Louvered Hail Guard  
S = Cu/Cu – Cu/Cu – Louvered Hail Guard

For California Residents:  
For installation in SCAQMD (South Coast Air Quality Management District) only:  
This furnace does not meet the SCAQMD Rule 1111 14 ng/J NOx emission limit, and thus is subject to a mitigation fee of up to \$450. This furnace is not eligible for the Clean Air Furnace Rebate Program: [www.CleanAirFurnaceRebate.com](http://www.CleanAirFurnaceRebate.com).

# Model number nomenclature



4 8 L C D 0 1 2 A 1 A 5 - 0 A 0 A 0

### Unit Heat Type

48 – Gas Heat Packaged Rooftop

### Model Series – WeatherExpert

LC – Ultra High Efficiency

### Heat Size

D = Low Gas Heat  
 E = Medium Gas Heat  
 F = High Gas Heat  
 S = Low Heat with Stainless Steel Exchanger  
 R = Medium Heat with Stainless Steel Exchanger  
 T = High Heat with Stainless Steel Exchanger

### Refrig. Systems Options

0 = Three stage cooling capacity control with TXV  
 A = Three stage cooling capacity control with TXV and Humidi-MiZer® System

### Cooling Tons

07 – 6 ton  
 08 – 7.5 ton  
 09 – 8.5 ton  
 12 – 10 ton

### Sensor Options

A = None  
 B = RA Smoke Detector  
 C = SA Smoke Detector  
 D = RA and SA Smoke Detector  
 E = CO<sub>2</sub>  
 F = RA Smoke Detector and CO<sub>2</sub>  
 G = SA Smoke Detector and CO<sub>2</sub>  
 H = RA and SA Smoke Detector and CO<sub>2</sub>  
 J = Condensate Overflow Switch  
 K = Condensate Overflow Switch and RA Smoke Detectors  
 L = Condensate Overflow Switch and RA and SA Smoke Detectors

### Indoor Fan Motor Options

1 = Standard Static Belt Drive with VFD controller  
 2 = Medium Static Belt Drive with VFD controller  
 3 = High Static Belt Drive with VFD controller  
 4 = Ultra High Static Belt Drive with VFD controller (sizes 08, 09 only)

### Brand / Packaging

0 = Standard  
 1 = LTL

### Electrical Options

A = None  
 B = HACR Breaker  
 C = Non-Fused Disconnect  
 D = Thru-the-Base Connections  
 E = HACR Breaker with Thru-the-Base Connections  
 F = Non-Fused Disconnect and Thru-the-Base Connections

### Service Options

0 = None  
 1 = Unpowered Convenience Outlet  
 2 = Powered Convenience Outlet  
 3 = Hinged Panels  
 4 = Hinged Panels, Unpowered Convenience Outlet  
 5 = Hinged Panels, Powered Convenience Outlet

### Intake / Exhaust Options

A = None  
 B = Low Leak, Temperature Economizer with Barometric Relief  
 E = Low Leak, Enthalpy Economizer with Barometric Relief  
 N = Ultra Low Leak, Temperature Economizer with Barometric Relief  
 R = Ultra Low Leak, Enthalpy Economizer with Barometric Relief

### Base unit controls

0 = Electromechanical Controls  
 1 = RTU Open Multi-Protocol Controller  
 4 = SystemVu™ Controller

### Design Revision

– Factory Design Revision

### Voltage

1 = 575/3/60  
 5 = 208-230/3/60  
 6 = 460/3/60

### Coil Options (Outdoor – Indoor – Hail Guard)

A = Al/Cu – Al/Cu  
 B = Precoat Al/Cu – Al/Cu  
 C = E-coat Al/Cu – Al/Cu  
 D = E-coat Al/Cu – E-coat Al/Cu  
 E = Cu/Cu – Al/Cu  
 F = Cu/Cu – Cu/Cu  
 M = Al/Cu – Al/Cu – Louvered Hail Guard  
 N = Precoat Al/Cu – Al/Cu – Louvered Hail Guard  
 P = E-coat Al/Cu – Al/Cu – Louvered Hail Guard  
 Q = E-coat Al/Cu – E-coat Al/Cu – Louvered Hail Guard  
 R = Cu/Cu – Al/Cu – Louvered Hail Guard  
 S = Cu/Cu – Cu/Cu – Louvered Hail Guard



## MODEL NUMBER NOMENCLATURE

Position:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Example:	4	8	L	C	D	0	2	4	A	1	A	5	-	0	A	0	A	0

**Unit Heat Type**  
48 - Gas Heat Packaged Rooftop

**Model Series - WeatherExpert®**  
LC - Ultra High Efficiency

**Heat Options**  
D = Low Gas Heat  
E = Medium Gas Heat  
F = High Gas Heat  
S = Low Heat w/ Stainless Steel Exchanger  
R = Medium Heat w/ Stainless Steel Exchanger  
T = High Heat w/ Stainless Steel Exchanger

**Refrig. Systems Options**  
0 = Three stage cooling capacity control with TXV  
A = Three stage cooling capacity control with TXV and Humidi-MiZer® system

**Cooling Tons**  
14 - 12.5 ton  
17 - 15 ton  
20 - 17.5 ton  
24 - 20 ton  
26 - 23 ton

**Sensor Options**  
A = None  
B = RA Smoke Detector  
C = SA Smoke Detector  
D = RA + SA Smoke Detector  
E = CO<sub>2</sub>  
F = RA Smoke Detector and CO<sub>2</sub>  
G = SA Smoke Detector and CO<sub>2</sub>  
H = RA + SA Smoke Detector and CO<sub>2</sub>

**Indoor Fan Motor Options**  
1 = Standard Static / Vertical Supply, Return Air Flow  
2 = Medium Static / Vertical Supply, Return Air Flow  
3 = High Static / Vertical Supply, Return Air Flow  
4 = Ultra High Static / Vertical Supply, Return Air Flow  
5 = Standard Static / Horizontal Supply, Return Air Flow  
6 = Medium Static / Horizontal Supply, Return Air Flow  
7 = High Static / Horizontal Supply, Return Air Flow  
8 = Ultra High Static / Horizontal Supply, Return Air Flow

**Coil Options: Fin/Tube (Condenser – Evaporator – Hail Guard)**  
A = Al/Cu – Al/Cu  
B = Precoat Al/Cu – Al/Cu  
C = E-coat Al/Cu – Al/Cu  
D = E-coat Al/Cu – E-coat Al/Cu  
E = Cu/Cu – Al/Cu  
F = Cu/Cu – Cu/Cu  
M = Al/Cu – Al/Cu – Louvered Hail Guard  
N = Precoat Al/Cu – Al/Cu – Louvered Hail Guard  
P = E-coat Al/Cu – Al/Cu – Louvered Hail Guard  
Q = E-coat Al/Cu – E-coat Al/Cu – Louvered Hail Guard  
R = Cu/Cu – Al/Cu – Louvered Hail Guard  
S = Cu/Cu – Cu/Cu – Louvered Hail Guard

**Packaging**  
0 = Standard  
1 = LTL

**Electrical Options**  
A = None  
B = HACR Circuit Breaker  
C = Non-Fused Disconnect

**Service Options**  
0 = None  
1 = Unpowered Convenience Outlet  
2 = Powered Convenience Outlet  
3 = Hinged Panels  
4 = Hinged Panels and Unpowered Convenience Outlet  
5 = Hinged Panels and Powered Convenience Outlet

**Intake / Exhaust Options**  
A = None  
B = Temperature Low Leak Economizer with Barometric Relief  
C = Temperature Low Leak Economizer with Centrifugal Power Exhaust - Vertical Only  
E = Enthalpy Low Leak Economizer with Barometric Relief  
F = Enthalpy Low Leak Economizer with Centrifugal Power Exhaust - Vertical Only  
N = Temperature Ultra Low Leak Economizer with Barometric Relief  
P = Temperature Ultra Low Leak Economizer with Centrifugal Power Exhaust - Vertical Only  
R = Enthalpy Ultra Low Leak Economizer with Barometric Relief  
S = Enthalpy Ultra Low Leak Economizer with Centrifugal Power Exhaust - Vertical Only

**Base Unit Controls**  
0 = Electro-mechanical Controls  
1 = RTU Open Multi-Protocol Controller  
4 = SystemVu™ Controller

**Design Revision**  
- = Factory Design Revision

**Voltage**  
1 = 575/3/60  
5 = 208-230/3/60  
6 = 460/3/60

SystemVu controller is not available on units equipped with Low Leak Economizers.

# Model number nomenclature



## MODEL NUMBER NOMENCLATURE

Position:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Example:	4	8	L	C	D	B	1	2	A	1	A	5	-	1	N	0	A	0

### Unit Heat Type

48 - Gas Heat Packaged Rooftop

### Model Series - WeatherExpert®

LC - Ultra High Efficiency

### Heat Options

- D = Low Gas Heat
- E = Medium Gas Heat
- F = High Gas Heat
- S = Low Heat w/ Stainless Steel Exchanger
- R = Medium Heat w/ Stainless Steel Exchanger
- T = High Heat w/ Stainless Steel Exchanger

### Refrigerant System

B = Three stage cooling capacity control with multi-zone VAV operation

### Cooling Tons

- 07 - 6 ton
- 08 - 7.5 ton
- 09 - 8.5 ton
- 12 - 10 ton

### Sensor Options

- A = None
- B = RA Smoke Detector
- C = SA Smoke Detector
- D = RA + SA Smoke Detector
- E = CO<sub>2</sub>
- F = RA Smoke Detector and CO<sub>2</sub>
- G = SA Smoke Detector and CO<sub>2</sub>
- H = RA + SA Smoke Detector and CO<sub>2</sub>

### Indoor Fan Options

- 1 = Standard Static Belt Drive with VFD controller
- 2 = Medium Static Belt Drive with VFD controller
- 3 = High Static Belt Drive with VFD controller
- 4 = Ultra High Static Belt Drive with VFD controller (08, 09 only)

### Coil Options: Fin/Tube (Condenser – Evaporator – Hail Guard)

- A = Al/Cu – Al/Cu
- B = Precoat Al/Cu – Al/Cu
- C = E-coat Al/Cu – Al/Cu
- D = E-coat Al/Cu – E-coat Al/Cu
- E = Cu/Cu – Al/Cu
- F = Cu/Cu – Cu/Cu
- M = Al/Cu – Al/Cu – Louvered Hail Guard
- N = Precoat Al/Cu – Al/Cu – Louvered Hail Guard
- P = E-coat Al/Cu – Al/Cu – Louvered Hail Guard
- Q = E-coat Al/Cu – E-coat Al/Cu – Louvered Hail Guard
- R = Cu/Cu – Al/Cu – Louvered Hail Guard
- S = Cu/Cu – Cu/Cu – Louvered Hail Guard

### Packaging

- 0 = Standard
- 1 = LTL

### Electrical Options

- A = None
- B = HACR Circuit Breaker
- C = Non-Fused Disconnect
- D = Thru-The-Base Connections
- E = HACR Circuit Breaker and Thru-The Base Connections
- F = Non-Fused Disconnect and Thru-The-Base Connections

### Service Options

- 0 = None
- 1 = Unpowered Convenience Outlet
- 2 = Powered Convenience Outlet
- 3 = Hinged Panels
- 4 = Hinged Panels and Unpowered Convenience Outlet
- 5 = Hinged Panels and Powered Convenience Outlet

### Intake / Exhaust Options (required on each unit)<sup>1</sup>

- B = Low Leak Temperature Economizer with Barometric Relief
- E = Low Leak Enthalpy Economizer with Barometric Relief
- N = Ultra LOW LEAK Temperature Economizer with Barometric Relief
- R = Ultra LOW LEAK Enthalpy Economizer with Barometric Relief

### Base Unit Controls

- 1 = VAV-RTU Open Controller (required on each model)

### Design Revision

- = Factory Design Revision

### Voltage

- 1 = 575/3/60
- 5 = 208-230/3/60
- 6 = 460/3/60

**NOTE:** Not all possible options can be displayed above. Refer to other support material or your local Carrier Expert

<sup>1</sup>Vertical air flow economizer factory option, must be field installed for horizontal air flow models

## MODEL NUMBER NOMENCLATURE

Position:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Example:	4	8	L	C	D	B	2	4	A	1	A	5	-	1	N	0	A	0

### Unit Heat Type

48 - Gas Heat Packaged Rooftop

### Model Series - WeatherExpert®

LC - Ultra High Efficiency

### Heat Options

- D = Low Gas Heat
- E = Medium Gas Heat
- F = High Gas Heat
- S = Low Heat w/ Stainless Steel Exchanger
- R = Medium Heat w/ Stainless Steel Exchanger
- T = High Heat w/ Stainless Steel Exchanger

### Refrigerant System

B = Three stage cooling capacity control with multi-zone VAV operation

### Cooling Tons

- 14 - 12.5 ton
- 17 - 15 ton
- 20 - 17.5 ton
- 24 - 20 ton
- 26 - 23 ton

### Sensor Options

- A = None
- B = RA Smoke Detector
- C = SA Smoke Detector
- D = RA + SA Smoke Detector
- E = CO<sub>2</sub>
- F = RA Smoke Detector and CO<sub>2</sub>
- G = SA Smoke Detector and CO<sub>2</sub>
- H = RA + SA Smoke Detector and CO<sub>2</sub>

### Indoor Fan Motor Options

- 1 = Standard Static / Vertical Supply, Return Air Flow
- 2 = Medium Static / Vertical Supply, Return Air Flow
- 3 = High Static / Vertical Supply, Return Air Flow
- 4 = Ultra High Static / Vertical Supply, Return Air Flow
- 5 = Standard Static / Horizontal Supply, Return Air Flow
- 6 = Medium Static / Horizontal Supply, Return Air Flow
- 7 = High Static / Horizontal Supply, Return Air Flow
- 8 = Ultra High Static / Horizontal Supply, Return Air Flow

### Coil Options: Fin/Tube (Condenser – Evaporator – Hail Guard)

- A = Al/Cu – Al/Cu
- B = Precoat Al/Cu – Al/Cu
- C = E-coat Al/Cu – Al/Cu
- D = E-coat Al/Cu – E-coat Al/Cu
- E = Cu/Cu – Al/Cu
- F = Cu/Cu – Cu/Cu
- M = Al/Cu – Al/Cu – Louvered Hail Guard
- N = Precoat Al/Cu – Al/Cu – Louvered Hail Guard
- P = E-coat Al/Cu – Al/Cu – Louvered Hail Guard
- Q = E-coat Al/Cu – E-coat Al/Cu – Louvered Hail Guard
- R = Cu/Cu – Al/Cu – Louvered Hail Guard
- S = Cu/Cu – Cu/Cu – Louvered Hail Guard

### Packaging

- 0 = Standard
- 1 = LTL

### Electrical Options

- A = None
- B = HACR Circuit Breaker
- C = Non-Fused Disconnect

### Service Options

- 0 = None
- 1 = Unpowered Convenience Outlet
- 2 = Powered Convenience Outlet
- 3 = Hinged Panels
- 4 = Hinged Panels and Unpowered Convenience Outlet
- 5 = Hinged Panels and Powered Convenience Outlet

### Intake / Exhaust Options (required on each unit)

- B = Temperature Low Leak Economizer with Barometric Relief
- C = Temperature Low Leak Economizer with Centrifugal Power Exhaust - Vertical Only
- E = Enthalpy Low Leak Economizer with Barometric Relief
- F = Enthalpy Low Leak Economizer with Centrifugal Power Exhaust - Vertical Only
- N = Temperature Ultra Low Leak Economizer with Barometric Relief
- P = Temperature Ultra Low Leak Economizer with Centrifugal Power Exhaust - Vertical Only
- R = Enthalpy Ultra Low Leak Economizer with Barometric Relief
- S = Enthalpy Ultra Low Leak Economizer with Centrifugal Power Exhaust - Vertical Only

### Base Unit Controls

- 1 = VAV-RTU Open Controller (required on each model)

### Design Revision

- = Factory Design Revision

### Voltage

- 1 = 575/3/60
- 5 = 208-230/3/60
- 6 = 460/3/60

NOTE: Not all possible options can be displayed above. Refer to other support material or your local Carrier Expert.

# Model number nomenclature



## MODEL NUMBER NOMENCLATURE

Position:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Example:	4	8	T	C	D	D	0	8	A	1	A	5	-	0	A	0	G	0

**Unit Heat Type**  
48 - Gas Heat Packaged Rooftop

**Model Series - WeatherMaker®**  
TC - Standard Efficiency

**Heat Options**  
D = Low Heat  
E = Medium Heat  
F = High Heat  
S = Low Heat w/ Stainless Steel Exchanger  
R = Medium Heat w/ Stainless Steel Exchanger  
T = High Heat w/ Stainless Steel Exchanger

**Refrig. Systems Options**  
A = One Stage Cooling Models (Size 07 Only)  
B = One Stage Cooling Models with Humidi-MiZer® (Size 07 Only)  
D = Two Stage Cooling Models 08-16  
E = Two Stage Cooling Models 08-16 with Al/Cu condenser Coils and with Humidi-MiZer  
M = Single Circuit, Two Stage Cooling Models (Sizes 08, 09, 12 Only)

**Cooling Tons**  
07 = 6 tons      12 = 10 tons  
08 = 7.5 tons    14 = 12.5 tons  
09 = 8.5 tons    16 = 15 tons

**Sensor Options**  
A = None  
B = RA Smoke Detector  
C = SA Smoke Detector  
D = RA + SA Smoke Detector  
E = CO<sub>2</sub>  
F = RA Smoke Detector and CO<sub>2</sub>  
G = SA Smoke Detector and CO<sub>2</sub>  
H = RA + SA Smoke Detector and CO<sub>2</sub>  
J = Condensate Overflow Switch (electro-mechanical controls only)  
K = Condensate Overflow Switch and RA Smoke Detectors  
L = Condensate Overflow Switch and RA and SA Smoke Detectors

**Indoor Fan Options**  
1 = Belt Drive, Standard Static Option  
2 = Belt Drive, Medium Static Option  
3 = Belt Drive, High Static Option\*  
C = High Static Option with High Efficiency Motor (Size 16 Only)

**Coil Options – RTPF (Outdoor – Indoor – Hail Guard)**  
A = Al/Cu – Al/Cu  
B = Precoat Al/Cu – Al/Cu  
C = E-coat Al/Cu – Al/Cu  
D = E-coat Al/Cu – E-coat Al/Cu  
E = Cu/Cu – Al/Cu  
F = Cu/Cu – Cu/Cu  
M = Al/Cu – Al/Cu – Louvered Hail Guard  
N = Precoat Al/Cu – Al/Cu – Louvered Hail Guard  
P = E-coat Al/Cu – Al/Cu – Louvered Hail Guard  
Q = E-coat Al/Cu – E-coat Al/Cu – Louvered Hail Guard  
R = Cu/Cu – Al/Cu – Louvered Hail Guard  
S = Cu/Cu – Cu/Cu – Louvered Hail Guard

**Coil Options – Novation® (Outdoor – Indoor – Hail Guard)**  
G = Al/Al – Al/Cu  
H = Al/Al – Cu/Cu  
J = Al/Al – E-coat Al/Cu  
K = E-coat Al/Al – Al/Cu  
L = E-coat Al/Al – E-coat Al/Cu  
T = Al/Al – Al/Cu – Louvered Hail Guard  
U = Al/Al – Cu/Cu – Louvered Hail Guard  
V = Al/Al – E-coat Al/Cu – Louvered Hail Guard  
W = E-coat Al/Al – Al/Cu – Louvered Hail Guard  
X = E-coat Al/Al – E-coat Al/Cu – Louvered Hail Guard

**Packaging Compliance**  
0 = Standard  
1 = LTL

**Electrical Options**  
**Non USA Models — No SAV™ included**  
A = None  
C = Non-Fused Disconnect  
D = Thru-The-Base Connections  
F = Non-Fused Disconnect and Thru-The-Base Connections  
**Standard USA Models — SAV included**  
G = 2-Speed Indoor Fan (VFD) Controller  
J = 2-Speed Fan Controller (VFD) and Non-Fused Disconnect  
K = 2-Speed Fan Controller (VFD) and Thru-The-Base Connections  
M = 2-Speed Fan Controller (VFD) with Non-Fused Disconnect and Thru-The-Base Connections

**Service Options**  
0 = None  
1 = Unpowered Convenience Outlet  
2 = Powered Convenience Outlet  
3 = Hinged Panels  
4 = Hinged Panels and Unpowered Convenience Outlet  
5 = Hinged Panels and Powered Convenience Outlet

**Intake / Exhaust Options**  
A = None  
B = Temperature Economizer w/ Barometric Relief  
F = Enthalpy Economizer w/ Barometric Relief  
K = 2-Position Damper  
U = Temperature Ultra Low Leak Economizer w/ Barometric Relief  
W = Enthalpy Ultra Low Leak Economizer w/ Barometric Relief

**Base Unit Controls**  
0 = Electro-mechanical Controls can be used with W7212 EconoMiSer® IV (Non-Fault Detection and Diagnostic)  
1 = PremierLink™ Controller  
2 = RTU Open Multi-Protocol Controller  
6 = Electro-mechanical w/ 2-Speed Fan and W7220 Economizer Controller Controls. Can be used with W7220 EconoMiSer X (w/ Fault Detection and Diagnostic)

**Design Revision**  
- = Factory Design Revision

**Voltage**  
1 = 575/3/60  
5 = 208-230/3  
6 = 460/3/60

\*Not available for 48TC\*M08 units.

**NOTE:** Not all possible options are displayed, see the current 48TC 6 to 15 Ton Price Pages for more details.





# Model number nomenclature



## 48TC UNITS MODEL NUMBER NOMENCLATURE

Position:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Example:	4	8	T	C	D	D	2	4	A	1	A	5	-	0	A	3	G	0

**Unit Heat Type**  
48 - Gas Heat Packaged Rooftop

**Model Series - WeatherMaker®**  
TC - Standard Efficiency

**Heat Options**  
D = Low Gas Heat  
E = Medium Gas Heat  
F = High Gas Heat  
S = Low Heat w/ Stainless Steel Exchanger  
R = Medium Heat w/ Stainless Steel Exchanger  
T = High Heat w/ Stainless Steel Exchanger

**Refrig. Systems Options**  
D = Two stage cooling model with RTPF coils  
E = Two stage cooling models with Humidi-MiZer® (17-28 models with RTPF coils only)

**Cooling Tons (Vertical Airflow)**  
17 = 15 tons      28 = 25 tons  
20 = 17.5 tons    30 = 27.5 tons  
24 = 20 tons

**Sensor Options**  
A = None  
B = RA Smoke Detector  
C = SA Smoke Detector  
D = RA + SA Smoke Detector  
E = CO<sub>2</sub>  
F = RA Smoke Detector and CO<sub>2</sub>  
G = SA Smoke Detector and CO<sub>2</sub>  
H = RA + SA Smoke Detector and CO<sub>2</sub>  
J = Condensate Overflow Switch (electromechanical controls only)  
K = Condensate Overflow Switch and RA Smoke Detectors  
L = Condensate Overflow Switch and RA + SA Smoke Detectors

**Indoor Fan Options & Air Flow Configuration**  
1 = Standard Static/Vertical Supply, Return Air Flow  
2 = Medium Static/Vertical Supply, Return Air Flow  
3 = High Static/Vertical Supply, Return Air Flow  
B = Med Static High Efficiency Motor/Vertical Supply, Return Air Flow  
C = High Static High Efficiency Motor/Vertical Supply, Return Air Flow

**Coil Options – RTPF (Outdoor – Indoor – Hail Guard)**  
A = Al/Cu – Al/Cu  
B = Precoat Al/Cu – Al/Cu  
C = E-coat Al/Cu – Al/Cu  
D = E-coat Al/Cu – E-coat Al/Cu  
E = Cu/Cu – Al/Cu  
F = Cu/Cu – Cu/Cu  
M = Al/Cu – Al/Cu – Louvered Hail Guard  
N = Precoat Al/Cu – Al/Cu – Louvered Hail Guard  
P = E-coat Al/Cu – Al/Cu – Louvered Hail Guard  
Q = E-coat Al/Cu – E-coat Al/Cu – Louvered Hail Guard  
R = Cu/Cu – Al/Cu – Louvered Hail Guard  
S = Cu/Cu – Cu/Cu – Louvered Hail Guard

**Coil Options – Novation (Outdoor – Indoor – Hail Guard)**  
G = Al/Al – Al/Cu  
H = Al/Al – Cu/Cu  
J = Al/Al – E-coat Al/Cu  
K = E-coat Al/Al – Al/Cu  
L = E-coat Al/Al – E-coat Al/Cu  
T = Al/Al – Al/Cu – Louvered Hail Guard  
U = Al/Al – Cu/Cu – Louvered Hail Guard  
V = Al/Al – E-coat Al/Cu – Louvered Hail Guard  
W = E-coat Al/Al – Al/Cu – Louvered Hail Guard  
X = E-coat Al/Al – E-coat Al/Cu – Louvered Hail Guard

**Packaging**  
0 = Standard

**Electrical Options**  
A = Non USA models - No (SAV) included  
C = Non-Fused Disconnect  
G = Standard USA models - (SAV) included  
J = 2 Speed Fan Controller (VFD) & Non-Fused Disconnect

**Service Options**  
0 = None  
1 = Unpowered Convenience Outlet  
2 = Powered Convenience Outlet  
3 = Hinged Panels  
4 = Hinged Panels and Unpowered Convenience Outlet  
5 = Hinged Panels and Powered Convenience Outlet

**Intake / Exhaust Options**  
A = None  
B = Temperature Economizer w/ Barometric Relief  
F = Enthalpy Economizer w/ Barometric Relief  
K = 2-Position Damper  
U = Temp Ultra Low Leak Economizer w/ Baro Relief  
V = Temp Ultra Low Leak Economizer w/ PE (cert) - Vertical Air Only  
W = Enthalpy Ultra Low Leak Economizer w/ Baro Relief  
X = Enthalpy Ultra Low Leak Economizer PE (cert) - Vertical Air Only

**Base Unit Controls**  
0 = Base Electro-mechanical Controls (can be used with W7212 EconoMi\$er IV)  
1 = PremierLink™ Controller (for 1-speed motors only)  
2 = RTU Open Multi-Protocol Controller  
6 = Electro-mechanical w/ 2-Speed Fan and W7220 Economizer Controller (can be used with W7220 EconoMi\$er X)

**Design Revision**  
- = Factory Design Revision

**Voltage**  
1 = 575/3/60  
5 = 208-230/3/60  
6 = 460/3/60



# Model number nomenclature



## 48TC UNITS MODEL NUMBER NOMENCLATURE (EXAMPLE)

Position:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Example:	4	8	T	C	D	D	2	5	A	5	A	5	-	0	A	0	A	0

**Unit Heat Type**  
48 - Gas Heat Packaged Rooftop

**Model Series - WeatherMaker®**  
TC - Standard Efficiency

**Heat Options**  
D = Low Gas Heat  
E = Medium Gas Heat  
F = High Gas Heat  
S = Low Heat w/ Stainless Steel Exchanger  
R = Medium Heat w/ Stainless Steel Exchanger  
T = High Heat w/ Stainless Steel Exchanger

**Refrig. Systems Options**  
D = Two stage cooling model with Round Tube/Plate Fin Coils  
E = Two stage cooling models with Humidi-MiZer® System

**Cooling Tons (Horizontal Air Flow)**  
18 = 15 tons  
21 = 17.5 tons  
25 = 20 tons  
29 = 25 tons

**Sensor Options**  
A = None  
B = RA Smoke Detector  
C = SA Smoke Detector  
D = RA + SA Smoke Detector  
E = CO<sub>2</sub>  
F = RA Smoke Detector and CO<sub>2</sub>  
G = SA Smoke Detector and CO<sub>2</sub>  
H = RA + SA Smoke Detector and CO<sub>2</sub>  
J = Condensate Overflow Switch  
K = Condensate Overflow Switch and RA Smoke Detectors  
L = Condensate Overflow Switch and RA and SA Smoke Detectors

**Indoor Fan Options & Air Flow Configuration**  
5 = Standard Static/Horizontal Supply, Return Air Flow (except 29 size models)  
6 = Medium Static/Horizontal Supply, Return Air Flow (Standard on 29 size models)  
7 = High Static/Horizontal Supply, Return Air Flow  
F = Medium Static, High Efficiency Motor/Horizontal Supply, Return Air Flow  
G = High Static, High Efficiency Motor/Horizontal Supply, Return Air Flow

**NOTE:**  
Not all possible options are displayed. See the current 48TC Horizontal 15 to 25 Ton Price Pages for more details.

**Packaging**  
0 = Standard

**Electrical Options**  
A = Non-USA models - No (SAV) included  
C = Non-Fused Disconnect  
G = Standard USA models - (SAV) included  
J = 2 Speed Fan Controller (VFD) and Non-Fused Disconnect

**Service Options**  
0 = None  
1 = Unpowered Convenience Outlet  
2 = Powered Convenience Outlet  
3 = Hinged Panels  
4 = Hinged Panels + Unpowered Convenience Outlet  
5 = Hinged Panels + Powered Convenience Outlet

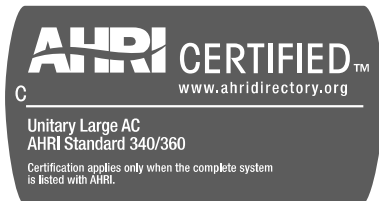
**Intake / Exhaust Options**  
A = None  
B = Temperature Economizer w/ Barometric Relief  
F = Enthalpy Economizer w/ Barometric Relief  
K = 2-Position Damper  
U = Temp Ultra Low Leak Economizer w/ Barometric Relief  
W = Enthalpy Ultra Low Leak Economizer w/ Barometric Relief

**Base Unit Controls**  
0 = Electro-mechanical Controls. Can be used with W7212 EconoMi\$er IV (Non-Fault Detection and Diagnostic)  
1 = PremierLink™ Controller  
2 = RTU Open Multi-Protocol Controller  
6 = Electro-mechanical w/ 2-Speed Fan and W7220 Economizer Controller. Can be used with W7220 EconoMi\$er X (with Fault Detection and Diagnostic)

**Design Revision**  
- = Factory Design Revision

**Voltage**  
1 = 575/3/60  
5 = 208-230/3/60  
6 = 460/3/60

**Coil Options – RTPF (Outdoor – Indoor – Hail Guard)**  
A = Al/Cu – Al/Cu  
B = Precoat Al/Cu – Al/Cu  
C = E-coat Al/Cu – Al/Cu  
D = E-coat Al/Cu – E-coat Al/Cu  
E = Cu/Cu – Al/Cu  
F = Cu/Cu – Cu/Cu  
M = Al/Cu – Al/Cu – Louvered Hail Guard  
N = Precoat Al/Cu – Al/Cu – Louvered Hail Guard  
P = E-coat Al/Cu – Al/Cu – Louvered Hail Guard  
Q = E-coat Al/Cu – E-coat Al/Cu – Louvered Hail Guard  
R = Cu/Cu – Al/Cu – Louvered Hail Guard  
S = Cu/Cu – Cu/Cu – Louvered Hail Guard





### 50FC MODEL NUMBER NOMENCLATURE

Position:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Example:	5	0	F	C	-	A	0	4	A	2	A	5	-	0	A	0	A	0

**Unit Heat Type**

50 – Electric Heat Packaged Rooftop

**Model Series - WeatherMaker®**FC – 14.0 SEER Standard Efficiency, sizes 04-06  
15.2 IEER Standard Efficiency, size 07**Heat Size**

- = No heat

**Refrig. Systems Options**A = Standard One Stage Cooling Models<sup>1</sup>  
B = Standard One Stage Cooling Models with Humidi-MiZer® system<sup>1,3</sup>  
M = Single Circuit, Two Stage Cooling<sup>2</sup>  
N = Single Circuit, Two Stage Cooling with Humidi-MiZer system<sup>2,3</sup>**Cooling Tons**04 = 3 tons  
05 = 4 tons  
06 = 5 tons  
07 = 6 tons**Sensor Options**A = None  
B = Return Air (RA) Smoke Detector  
C = Supply Air (SA) Smoke Detector  
D = RA + SA Smoke Detector  
E = CO<sub>2</sub> Sensor  
F = RA Smoke Detector and CO<sub>2</sub> Sensor  
G = SA Smoke Detector and CO<sub>2</sub> Sensor  
H = RA + SA Smoke Detector and CO<sub>2</sub> Sensor  
J = Condensate Overflow Switch  
K = Condensate Overflow Switch and RA Smoke Detector  
L = Condensate Overflow Switch and RA and SA Smoke Detectors  
M = Condensate Overflow Switch and SA Smoke Detector**Indoor Fan Options**1 = Direct Drive – EcoBlue – Standard Static  
2 = Direct Drive – EcoBlue – Medium Static  
3 = Direct Drive – EcoBlue – High Static**Coil Options – (Outdoor - Indoor - Hail Guard)**A = Al/Cu - Al/Cu  
B = Precoat Al/Cu - Al/Cu  
C = E-coat Al/Cu - Al/Cu  
D = E-coat Al/Cu - E-coat Al/Cu  
E = Cu/Cu - Al/Cu  
F = Cu/Cu - Cu/Cu  
M = Al/Cu - Al/Cu — Louvered Hail Guard  
N = Precoat Al/Cu - Al/Cu — Louvered Hail Guard  
P = E-coat Al/Cu - Al/Cu — Louvered Hail Guard  
Q = E-coat Al/Cu - E-coat Al/Cu — Louvered Hail Guard  
R = Cu/Cu - Al/Cu — Louvered Hail Guard  
S = Cu/Cu - Cu/Cu — Louvered Hail Guard**Packaging & Seismic Compliance**0 = Standard  
1 = LTL**Electrical Options**A = None  
C = Non-Fused Disconnect  
D = Thru-The-Base Connections  
F = Non-Fused Disconnect and Thru-The-Base Connections**Service Options**0 = None  
1 = Unpowered Convenience Outlet  
2 = Powered Convenience Outlet  
3 = Hinged Panels  
4 = Hinged Panels and Unpowered Convenience Outlet  
5 = Hinged Panels and Powered Convenience Outlet**Intake / Exhaust Options**A = None  
B = Temperature Economizer w/ Barometric Relief  
F = Enthalpy Economizer w/ Barometric Relief  
K = 2-Position Damper<sup>1</sup>  
U = Temperature Ultra Low Leak Economizer w/ Barometric Relief  
W = Enthalpy Ultra Low Leak Economizer w/ Barometric Relief**Base Unit Controls**0 = Electro-mechanical Controls – can be used with field-installed W7212 EconoMiSer® IV (Non-Fault Detection and Diagnostic)  
2 = RTU Open Multi-Protocol Controller  
3 = SystemVu™ Controls  
6 = Electro-mechanical Controls – can be used with W7220 EconoMiSer X (with Fault Detection and Diagnostic)**Design Revision**

- = Factory Design Revision

**Voltage**1 = 575/3/60  
3 = 208-230/1/60  
5 = 208-230/3/60  
6 = 460/3/60<sup>1</sup> Size 04/05/06 models only<sup>2</sup> Size 07 models only<sup>3</sup> Units with Humidi-MiZer System include Low Ambient controller**Note: On single phase (-3 voltage code) models, the following are not available as a factory-installed option:**

- Humidi-MiZer System
- Coated Coils or Cu Fin Coils
- Louvered Hail Guards
- Economizer or 2-Position Damper
- Powered 115 Volt Convenience Outlet

# Model number nomenclature (cont)



## 50GC MODEL NUMBER NOMENCLATURE

Position:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Example:	5	0	G	C	-	M	0	4	A	1	A	5	-	0	A	0	A	0

### Unit Heat Type

50 - Electric Heat  
Packaged Rooftop

### Model Series - WeatherMaster®

GC - 16.1 SEER Efficiency

### Heat Options

- = No Heat  
A = Low Electric Heat  
B = Medium Electric Heat  
C = High Electric Heat

### Refrig. Systems Options

M = Two Stage Cooling Models  
N = Two Stage Cooling Models with Humidi-MiZer® system (includes Low Ambient control)  
P = Two Stage Cooling Models with Low Ambient control

### Cooling Tons

04 - 3 ton  
05 - 4 ton  
06 - 5 ton

### Sensor Options

A = None  
B = RA (Return Air) Smoke Detector  
C = SA (Supply Air) Smoke Detector  
D = RA + SA Smoke Detector  
E = CO<sub>2</sub>  
F = RA Smoke Detector and CO<sub>2</sub>  
G = SA Smoke Detector and CO<sub>2</sub>  
H = RA + SA Smoke Detector and CO<sub>2</sub>  
J = Condensate Overflow Switch  
K = Condensate Overflow Switch and RA Smoke Detectors  
L = Condensate Overflow Switch and RA and SA Smoke Detectors  
M = Condensate Overflow Switch and SA Smoke Detectors

### Indoor Fan Options

1 = Direct Drive – EcoBlue – Standard Static  
2 = Direct Drive – EcoBlue – Medium Static  
3 = Direct Drive – EcoBlue – High Static

### Coil Options (RTPF) (Outdoor - Indoor - Hail Guard)

A = Al/Cu - Al/Cu  
B = Precoat Al/Cu - Al/Cu  
C = E-coat Al/Cu - Al/Cu  
D = E-coat Al/Cu - E-coat Al/Cu  
E = Cu/Cu - Al/Cu  
F = Cu/Cu - Cu/Cu  
M = Al/Cu - Al/Cu — Louvered Hail Guard  
N = Precoat Al/Cu - Al/Cu — Louvered Hail Guard  
P = E-coat Al/Cu - Al/Cu — Louvered Hail Guard  
Q = E-coat Al/Cu - E-coat Al/Cu — Louvered Hail Guard  
R = Cu/Cu - Al/Cu — Louvered Hail Guard  
S = Cu/Cu - Cu/Cu — Louvered Hail Guard

### Factory Assigned

0 = Standard  
1 = LTL

### Electrical Options

A = None  
B = HACR Breaker  
C = Non-Fused Disconnect (NFD)  
D = Thru-The-Base Connections (TTB)  
E = HACR and Thru-The-Base Connections  
F = Non-Fused Disconnect and TTB  
N = Phase Monitor Protection  
P = Phase Monitor and HACR  
Q = Phase Monitor and NFD  
R = Phase Monitor and TTB  
S = Phase Monitor and HACR and TTB  
T = Phase Monitor and NFD and TTB

### Service Options

0 = None  
1 = Unpowered Convenience Outlet  
2 = Powered Convenience Outlet  
3 = Hinged Panels  
4 = Hinged Panels and Unpowered Convenience Outlet  
5 = Hinged Panels and Powered Convenience Outlet  
6 = MERV 8 Filters  
C = Foil Faced Insulation

### Intake / Exhaust Options

A = None  
B = Temperature Economizer w/ Barometric Relief  
F = Enthalpy Economizer w/ Barometric Relief  
U = Temperature Ultra Low Leak Economizer w/ Barometric Relief  
W = Enthalpy Ultra Low Leak Economizer w/ Barometric Relief

### Base Unit Controls

0 = Electro-mechanical controls - can be used with field-installed W7212 EconoMiSer® IV (Non-Fault Detection and Diagnostic)  
2 = RTU Open Multi-Protocol Controller  
3 = SystemVu™ Controller  
6 = Electro-mechanical - can be used with W7220 EconoMiSer X (with Fault Detection and Diagnostic)

### Design Revision

- = Factory Design Revision

### Voltage

1 = 575/3/60  
3 = 208-230/1/60  
5 = 208-230/3/60  
6 = 460/3/60

### Note: On single phase (-3 voltage code) models, the following are not available as factory-installed options:

- Humidi-MiZer® System
- Coated Coils or Cu Fin Coils
- Louvered Hail Guards
- Economizer
- Powered 115 Volt Convenience Outlet

# Model number nomenclature



## 50HC MODEL NUMBER NOMENCLATURE

50 HC B E 09 A 2 A 6 A 0 A 3 B 0

### Unit Heat Type

50 - Electric Heat Packaged Rooftop

### Model Series - WeatherMaster®

HC - High Efficiency

### Heat Options\*\*\*

— = Standard (No Electric Heat)  
 A = Low Electric Heat  
 B = Medium Electric Heat  
 C = High Electric Heat

### Refrig. Systems Options

A = Single stage cooling models  
 B = Single stage cooling models with Humidi-MiZer®  
 D = Two stage cooling models  
 E = Two stage cooling models with Humidi-MiZer  
 F = Single stage cooling models with Motormaster® Low Ambient Controller  
 G = Two stage cooling models with Motormaster Low Ambient Controller

### Cooling Tons

04 - 3 ton	09 - 8.5 ton
05 - 4 ton	11 - 10 ton (12.0 EER)*
06 - 5 ton	12 - 10 ton (11.7 EER)*
07 - 6 ton	14 - 12.5 ton
08 - 7.5 ton	

### Sensor Options

A = None  
 B = RA Smoke Detector  
 C = SA Smoke Detector  
 D = RA + SA Smoke Detector  
 E = CO<sub>2</sub>  
 F = RA Smoke Detector and CO<sub>2</sub>  
 G = SA Smoke Detector and CO<sub>2</sub>  
 H = RA + SA Smoke Detector and CO<sub>2</sub>  
 J = Condensate Overflow Switch (electro-mechanical controls only)  
 K = Condensate Overflow Switch and RA Smoke Detectors  
 L = Condensate Overflow Switch and RA + SA Smoke Detectors

### Indoor Fan Options 3, 4, 5 Ton Models Only\*

0 = Electric (Direct) Drive x13 Motor  
 2 = Medium Static Option - Belt Drive  
 3 = High Static Option - Belt Drive

### Indoor Fan Options 6-12.5 Ton Models Only

1 = Standard Static Option - Belt Drive  
 2 = Medium Static Option - Belt Drive  
 3 = High Static Option - Belt Drive  
 C = High Static Option with High-Efficiency Motor, Belt Drive (Size 14 only)

### Coil Options (RTPF) (Outdoor – Indoor – Hail Guard)

A = Al/Cu – Al/Cu  
 B = Precoat Al/Cu – Al/Cu  
 C = E-coat Al/Cu – Al/Cu  
 D = E-coat Al/Cu – E-coat Al/Cu  
 E = Cu/Cu – Al/Cu  
 F = Cu/Cu – Cu/Cu  
 M = Al/Cu – Al/Cu – Louvered Hail Guard  
 N = Precoat Al/Cu – Al/Cu – Louvered Hail Guard  
 P = E-coat Al/Cu – Al/Cu – Louvered Hail Guard  
 Q = E-coat Al/Cu – E-coat Al/Cu – Louvered Hail Guard  
 R = Cu/Cu – Al/Cu – Louvered Hail Guard  
 S = Cu/Cu – Cu/Cu – Louvered Hail Guard

### Factory Assigned

0 = Standard  
 1 = LTL  
 3 = California Seismic Complaint - OSHPD  
 4 = California Seismic Complaint - OSHPD plus LTL

### Electrical Options†

A = None  
 B = HACR Breaker  
 C = Non-Fused Disconnect  
 D = Thru-The-Base Connections  
 E = HACR and Thru-The Base Connections  
 F = Non-Fused Disconnect and Thru-The-Base Connections  
 G = 2-Speed Indoor Fan (VFD) Controller  
 H = 2-Speed Fan Controller (VFD) and HACR Breaker  
 J = 2-Speed Fan Controller (VFD) and Non-Fused Disconnect  
 K = 2-Speed Fan Controller (VFD) and Thru-The-Base Connections  
 L = 2-Speed Fan Controller (VFD) w/ HACR Breaker and Thru-The Base Connections  
 M = 2-Speed Fan Controller (VFD) with Non-Fused Disconnect and Thru-The-Base Connections

### Service Options

0 = None  
 1 = Unpowered Convenience Outlet  
 2 = Powered Convenience Outlet  
 3 = Hinged Panels  
 4 = Hinged Panels and Unpowered Convenience Outlet  
 5 = Hinged Panels and Powered Convenience Outlet  
 C = Foil Faced Insulation  
 D = Foil Faced Insulation with Unpowered Convenience Outlet  
 E = Foil Faced Insulation with Powered Convenience Outlet  
 F = Foil Faced Insulation and Hinged Panels  
 G = Foil Faced Insulation and Hinged Panels with Unpowered Convenience Outlet  
 H = Foil Faced Insulation and Hinged Panels with Powered Convenience Outlet

### Intake / Exhaust Options

A = None  
 B = Temperature Economizer w/ Barometric Relief  
 F = Enthalpy Economizer w/ Barometric Relief  
 K = 2-Position Damper  
 Q = EnergyX® only  
 R = EnergyX + Economizer only\*\*  
 S = EnergyX + Frost Protection Only\*\*  
 T = EnergyX + Economizer + Frost Protection\*\*  
 U = Low Leak Temperature Economizer w/ Barometric Relief  
 W = Low Leak Enthalpy Economizer w/ Barometric Relief

### Base Unit Controls

0 = Electromechanical Controls can be used with W7212 EconoMiSer® (Non-Fault Detection and Diagnostic)  
 1 = PremierLink™ Controller  
 2 = RTU Open Multi-Protocol Controller  
 6 = Electro-mechanical w/ 2-speed fan and W7220 Econo controller controls. Can be used with W7220 EconoMiSer X (w/ Fault Detection & Diagnostic)  
 D = ComfortLink Controls (Not available on 2-stage cooling 07 size models)

### Design Revision

A = Factory Design Revision

### Voltage††

1 = 575/3/60	5 = 208-230/3/60
3 = 208-230/1/60	6 = 460/3/60

\* Staged Air Volume (SAV) is required on size 11 and 12 units to meet DOE-2018 minimum efficiency requirements.

† Units sold in the US require a 2-speed fan.

\*\* Includes ComfortLink controls

†† On single phase models (-3 voltage code), the following are not available as factory-installed options:

- Humidi-MiZer
- Coated Coils or Cu Fin Coils
- Louvered Hail Guards
- Economizer or 2-Position Damper
- Powered 115 v Convenience Outlet

\*\*\* On units with the EnergyX option, electric heat is only available as a field-installed accessory.



# Model number nomenclature



## 50HC MODEL NUMBER NOMENCLATURE (EXAMPLE)

	50	HC	-	D	24	A	3	A	5	-	0	A	0	A	0
<b>Unit Heat Type</b> 50 - Electric Heat Packaged Rooftop															
<b>Model Series - WeatherMaster®</b> HC - High Efficiency															
<b>Electric Heat Options</b> - = Standard, No Electric Heat A = Low Electric Heat B = Medium Electric Heat C = High Electric Heat															
<b>Refrig. Systems Options</b> D = Two stage cooling models E = Two stage cooling models with Humidi-MiZer® System G = Two stage cooling models with Motormaster® Low Ambient controller															
<b>Cooling Tons</b> 17 = 15 tons 20 = 17.5 tons 24 = 20 tons 28 = 25 tons															
<b>Sensor Options</b> A = None B = RA Smoke Detector C = SA Smoke Detector D = RA + SA Smoke Detector E = CO <sub>2</sub> F = RA Smoke Detector and CO <sub>2</sub> G = SA Smoke Detector and CO <sub>2</sub> H = RA + SA Smoke Detector and CO <sub>2</sub> J = Condensate Overflow Switch K = Condensate Overflow Switch and RA Smoke Detectors L = Condensate Overflow Switch and RA and SA Smoke Detectors															
<b>Indoor Fan Options &amp; Air Flow Configuration</b> 1 = Standard Static/Vertical Supply, Return Air Flow 2 = Medium Static/Vertical Supply, Return Air Flow 3 = High Static/Vertical Supply, Return Air Flow B = Medium Static, High Efficiency Motor/Vertical Supply, Return Air Flow C = High Static, High Efficiency Motor/Vertical Supply, Return Air Flow 5 = Standard Static/Horizontal Supply, Return Air Flow 6 = Medium Static/Horizontal Supply, Return Air Flow 7 = High Static/Horizontal Supply, Return Air Flow F = Medium Static, High Efficiency Motor/Horizontal Supply, Return Air Flow G = High Static, High Efficiency Motor/Horizontal Supply, Return Air Flow															
<b>Coil Options – RTPF (Outdoor - Indoor - Hail Guard)</b> A = Al/Cu - Al/Cu B = Precoat Al/Cu - Al/Cu C = E-coat Al/Cu - Al/Cu D = E-coat Al/Cu - E-coat Al/Cu E = Cu/Cu - Al/Cu F = Cu/Cu - Cu/Cu M = Al/Cu - Al/Cu — Louvered Hail Guard N = Precoat Al/Cu - Al/Cu — Louvered Hail Guard P = E-coat Al/Cu - Al/Cu — Louvered Hail Guard Q = E-coat Al/Cu - E-coat Al/Cu — Louvered Hail Guard R = Cu/Cu - Al/Cu — Louvered Hail Guard S = Cu/Cu - Cu/Cu — Louvered Hail Guard															
<b>Packaging</b> 0 = Standard 3 = California Seismic Compliant - OSHPD															
<b>Electrical Options</b> A = None B = HACR Breaker C = Non-Fused Disconnect G = 2-Speed Indoor Fan (VFD) Controller J = 2 Speed Fan Controller (VFD) & Non-Fused Disconnect															
<b>Service Options</b> 0 = None 1 = Unpowered Convenience Outlet 2 = Powered Convenience Outlet 3 = Hinged Panels 4 = Hinged Panels & Unpowered Convenience Outlet 5 = Hinged Panels & Powered Convenience Outlet C = Foil Faced Insulation Q = EnergyX® Only R = EnergyX with Economizer Only S = EnergyX with Frost Protection Only T = EnergyX with Economizer and Frost Protection															
<b>Intake / Exhaust Options</b> A = None B = Temperature Economizer w/ Barometric Relief F = Enthalpy Economizer w/ Barometric Relief K = 2-Position Damper U = Temp Ultra Low Leak Economizer w/ Barometric Relief V = Temp Ultra Low Leak Economizer w/ Power Exhaust - Vertical Air Only W = Enthalpy Ultra Low Leak Economizer w/ Barometric Relief X = Enthalpy Ultra Low Leak Economizer w/ Power Exhaust - Vertical Air Only															
<b>Base Unit Controls</b> 0 = Electro-mechanical Controls. Can be used with W7212 EconoMi\$er® IV (Non-Fault Detection and Diagnostic) 1 = PremierLink™ Controller 2 = RTU Open Multi-Protocol Controller 6 = Electro-mechanical w/ 2-Speed Fan and W7220 Economizer Controller. Can be used with W7220 EconoMi\$er X (with Fault Detection and Diagnostic) D = ComfortLink Controls															
<b>Design Revision</b> - = Factory Design Revision															
<b>Voltage</b> 1 = 575/3/60 5 = 208-230/3/60 6 = 460/3/60															

\* On 50HC horizontal airflow and all 50HC units equipped with the EnergyX option electric heat is only available as a field-installed accessory.

NOTE: Not all possible options are displayed. See the current 50HCX 15 to 25 Ton Price Pages for more details.



# Model number nomenclature (cont)



## 50JC MODEL NUMBER NOMENCLATURE

Position:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Example:	5	0	J	C	-	V	0	6	A	2	A	5	-	3	A	0	A	0

### Unit Heat Type

50 = Electric/Electric Packaged  
Rooftop

### Model Series - WeatherExpert®

JC = Ultra High Efficiency

### Heat Options

- = No Heat  
A = Low Electric Heat  
B = Medium Electric Heat  
C = High Electric Heat

### Refrig. Systems Options

V = Variable Speed Cooling Capacity  
W = Variable Speed Cooling Capacity with  
Humidi-MiZer® System

### Cooling Tons

04 = 3 ton  
05 = 4 ton  
06 = 5 ton

### Sensor Options

A = None  
B = RA (Return Air) Smoke Detector  
C = SA (Supply Air) Smoke Detector  
D = RA + SA Smoke Detector  
E = CO<sub>2</sub>  
F = RA Smoke Detector and CO<sub>2</sub>  
G = SA Smoke Detector and CO<sub>2</sub>  
H = RA + SA Smoke Detector and CO<sub>2</sub>  
J = Condensate Overflow Switch  
K = Condensate Overflow Switch and RA Smoke Detector  
L = Condensate Overflow Switch and RA and SA Smoke Detectors  
M = Condensate Overflow Switch and SA Smoke Detector  
N = Condensate Overflow Switch and CO<sub>2</sub>  
P = Condensate Overflow Switch w/ CO<sub>2</sub> + RA Smoke Detector  
Q = Condensate Overflow Switch w/ CO<sub>2</sub> + SA Smoke Detector  
R = Condensate Overflow Switch w/ CO<sub>2</sub> + RA and SA Smk. Det.

### Vane Axial Fan - Indoor Fan Options

1 = Direct Drive EcoBlue™ - Standard Static  
2 = Direct Drive EcoBlue - Medium Static  
3 = Direct Drive EcoBlue - High Static

### Coil Options - Round Tube/Plate Fin Condenser Coil (Outdoor - Indoor - Hail Guard)

A = Al/Cu - Al/Cu  
B = Precoat Al/Cu - Al/Cu  
C = E-coat Al/Cu - Al/Cu  
D = E-coat Al/Cu - E-coat Al/Cu  
E = Cu/Cu - Al/Cu  
F = Cu/Cu - Cu/Cu  
M = Al/Cu - Al/Cu — Louvered Hail Guard  
N = Precoat Al/Cu - Al/Cu — Louvered Hail Guard  
P = E-coat Al/Cu - Al/Cu — Louvered Hail Guard  
Q = E-coat Al/Cu - E-coat Al/Cu — Louvered Hail Guard  
R = Cu/Cu - Al/Cu — Louvered Hail Guard  
S = Cu/Cu - Cu/Cu — Louvered Hail Guard

### Factory Assigned

0 = Standard  
1 = LTL

### Electrical Options

A = None  
B = HACR Breaker  
C = Non-Fused Disconnect (NFD)  
D = Thru-The-Base (TTB) Connections  
E = HACR Circuit Breaker and TTB  
F = Non-Fused Disconnect and TTB  
N = Phase Monitor Protection  
P = Phase Monitor and HACR  
Q = Phase Monitor and NFD  
R = Phase Monitor and TTB  
S = Phase Monitor and HACR and TTB  
T = Phase Monitor and NFD and TTB

### Service Options

#### (Foil Face Insulation Standard)

0 = None  
1 = Unpowered Convenience Outlet  
2 = Powered Convenience Outlet  
3 = Hinged Access Panels  
4 = Hinged Access Panels and  
Unpowered Convenience Outlet  
5 = Hinged Panels and  
Powered Convenience Outlet  
6 = MERV 8 High Efficiency Filters  
7 = MERV 8 High Efficiency Filters and  
Unpowered Convenience Outlet  
8 = MERV 8 High Efficiency Filters and  
Powered Convenience Outlet  
9 = MERV 8 High Efficiency Filters and  
Hinged Panels  
A = MERV 8 High Efficiency Filters, Hinged  
Panels and Unpowered Convenience Outlet  
B = MERV 8 High Efficiency Filters, Hinged  
Panels and Powered Convenience Outlet

### Air Intake / Exhaust Options

A = None  
B = Temperature EconoMiSer®2 w/ Barometric Relief  
F = Enthalpy EconoMiSer2 w/ Barometric Relief  
U = Ultra Low Leak Temperature EconoMiSer2 w/  
Barometric Relief  
W = Ultra Low Leak Enthalpy EconoMiSer2 w/  
Barometric Relief

### Base Unit Controls

3 = SystemVu™ Controls - Standard all units

### Design Revision

- = Factory Design Revision

### Voltage

1 = 575/3/60  
5 = 208-230/3/60  
6 = 460/3/60

# Model number nomenclature



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
5	0	K	C	-	A	0	4	A	0	A	5	-	0	A	0	A	0

Unit Heat Type  
50 – Cooling with Electric Heat

Series/Model  
KC – 14 SEER Efficiency

Heat Size  
- - No Heat

Refrig. Systems Options  
A – Standard One Stage Cooling Models  
B – Standard One Stage Cooling Models with Humidi-MiZer System

Cooling Tons  
04 - 3 ton  
05 - 4 ton  
06 - 5 ton

Sensor Options  
A = None  
B = RA Smoke Detector  
C = SA Smoke Detector  
D = RA + SA Smoke Detector  
E = CO<sub>2</sub>  
F = RA Smoke Detector and CO<sub>2</sub>  
G = SA Smoke Detector and CO<sub>2</sub>  
H = RA + SA Smoke Detector and CO<sub>2</sub>  
J = Condensate Overflow Switch (electro mech controls only)  
K = Condensate Overflow Switch and RA Smoke Detectors  
L = Condensate Overflow Switch and RA and SA Smoke Detectors

Indoor Fan Options  
0 = Direct Drive X13 Motor  
2 = Medium Static Option – Belt Drive  
3 = High Static Option – Belt Drive

NOTE: On single phase (-3 voltage code) models, the following are not available as a factory installed option:

- Humidi-MiZer System
- Coated Coils or Cu Fin Coils
- Louvered Hail Guards
- Economizer or 2 Position Damper
- Powered 115 Volt Convenience Outlet

Not all possible options can be displayed above.

Packaging and Seismic Compliant  
0 = Standard  
1 = LTL

Electrical Options  
A = None  
C = Non-Fused Disconnect  
D = Thru-The-Base Connections  
F = Non-Fused Disconnect and Thru-The-Base Connections

Service Options  
0 = None  
1 = Unpowered Convenience Outlet  
2 = Powered Convenience Outlet  
3 = Hinged Panels  
4 = Hinged Panels, Unpowered Convenience Outlet  
5 = Hinged Panels, Powered Convenience Outlet

Intake / Exhaust Options  
A = None  
B = Temperature Economizer w/ Barometric Relief  
F = Enthalpy Economizer w/ Barometric Relief  
K = 2-Position Damper  
U = Temp Ultra Low Leak Economizer w/Baro Relief  
W = Enthalpy Ultra Low Leak Econo w/Baro Relief

Base unit controls  
0 = Electro-mechanical Controls Can be used with W7212 EconoMi\$er IV (Non – Fault Detection and Diagnostic)  
1 = PremierLink Controller  
2 = RTU Open Multi-Protocol Controller  
6 = Electro-mechanical - Can be used with W7220 EconoMi\$er X (with Fault Detection and Diagnostic)

Design Revision  
Factory Assigned

Voltage  
1 = 575/3/60      5 = 208-230/3/60  
3 = 208-230/1/60      6 = 460/3/60

Coil Options (outdoor-indoor-hail guard)  
A = Al/Cu - Al/Cu  
B = Precoat Al/Cu - Al/Cu  
C = E-coat Al/Cu - Al/Cu  
D = E-coat Al/Cu - E-coat Al/Cu  
E = Cu/Cu - Al/Cu  
F = Cu/Cu - Cu/Cu  
M = Al/Cu - Al/Cu – Louvered Hail Guards  
N = Precoat Al/Cu - Al/Cu – Louvered Hail Guards  
P = E-coat Al/Cu - Al/Cu – Louvered Hail Guards  
Q = E-coat Al/Cu - E-coat Al/Cu – Louvered Hail Guards  
R = Cu/Cu - Al/Cu – Louvered Hail Guards  
S = Cu/Cu - Cu/Cu – Louvered Hail Guards



# Model number nomenclature



## MODEL NUMBER NOMENCLATURE

Position:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Example:	5	0	L	C	D	0	0	6	A	0	A	5	-	0	A	0	A	0

### Unit Heat Type

50 - Electric Cooling/Heating  
Packaged Rooftop

### Model Series - WeatherExpert®

LC - Ultra High Efficiency

### Heat Options

0 = Standard, No Electric Heat  
D = Low Electric Heat  
E = Medium Electric Heat  
F = High Electric Heat

### Refrig. Systems Options

0 = Two stage cooling capacity  
A = Two stage cooling capacity  
with Humidi-MiZer® System

### Cooling Tons

04 - 3 ton  
05 - 4 ton  
06 - 5 ton

### Sensor Options

A = None  
B = RA Smoke Detector  
C = SA Smoke Detector  
D = RA + SA Smoke Detector  
E = CO<sub>2</sub>  
F = RA Smoke Detector and CO<sub>2</sub>  
G = SA Smoke Detector and CO<sub>2</sub>  
H = RA + SA Smoke Detector and CO<sub>2</sub>  
J = Condensate Overflow Switch  
K = Condensate Overflow Switch and RA Smoke Detectors  
L = Condensate Overflow Switch and RA and SA Smoke Detectors

### Indoor Fan Options

0 = Standard Electrical (Direct) Drive x13 ECM Motor  
2 = Medium Static Belt Drive with VFD controller  
3 = High Static Belt Drive with VFD controller

### Coil Options: Fin/Tube (Condenser – Evaporator – Hail Guard)

A = Al/Cu – Al/Cu  
B = Precoat Al/Cu – Al/Cu  
C = E-coat Al/Cu – Al/Cu  
D = E-coat Al/Cu – E-coat Al/Cu  
E = Cu/Cu – Al/Cu  
F = Cu/Cu – Cu/Cu  
M = Al/Cu – Al/Cu – Louvered Hail Guard  
N = Precoat Al/Cu – Al/Cu – Louvered Hail Guard  
P = E-coat Al/Cu – Al/Cu – Louvered Hail Guard  
Q = E-coat Al/Cu – E-coat Al/Cu – Louvered Hail Guard  
R = Cu/Cu – Al/Cu – Louvered Hail Guard  
S = Cu/Cu – Cu/Cu – Louvered Hail Guard

### Packaging

0 = Standard  
1 = LTL

### Electrical Options

A = None  
B = HACR Circuit Breaker  
C = Non-Fused Disconnect  
D = Thru-The-Base Connections  
E = HACR Circuit Breaker  
and Thru-The Base Connections  
F = Non-Fused Disconnect and  
Thru-The-Base Connections

### Service Options

0 = None  
1 = Unpowered Convenience Outlet  
2 = Powered Convenience Outlet  
3 = Hinged Panels  
4 = Hinged Panels and  
Unpowered Convenience Outlet  
5 = Hinged Panels and  
Powered Convenience Outlet

### Air Intake / Exhaust Options

A = None  
B = Temperature Economizer with Barometric Relief  
E = Enthalpy Economizer with Barometric Relief  
N = Ultra Low Leak Temperature Economizer  
with Barometric Relief  
R = Ultra Low Leak Enthalpy Economizer with  
Barometric Relief

### Base Unit Controls

0 = Base Electromechanical Controls  
1 = RTU Open Multi-Protocol Controller  
4 = SystemVu™ Controller

### Design Revision

- = Factory Design Revision

### Voltage

1 = 575/3/60  
5 = 208-230/3/60  
6 = 460/3/60

# Model number nomenclature



Position:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Example:	5	0	L	C	D	0	1	2	A	1	A	5	-	0	A	0	A	0

### Unit Heat Type

50 - Electric Cooling/Heating  
Packaged Rooftop

### Model Series - WeatherExpert®

LC - Ultra High Efficiency

### Heat Options

0 = Standard - No Electric Heat  
D = Low Electric Heat  
E = Medium Electric Heat  
F = High Electric Heat

### Refrig. Systems Options

0 = Three stage cooling capacity control with TXV  
A = Three stage cooling capacity control with TXV  
and Humidi-MiZer® System

### Cooling Tons

07 - 6 ton  
08 - 7.5 ton  
09 - 8.5 ton  
12 - 10 ton

### Sensor Options

A = None  
B = RA Smoke Detector  
C = SA Smoke Detector  
D = RA + SA Smoke Detector  
E = CO<sub>2</sub>  
F = RA Smoke Detector and CO<sub>2</sub>  
G = SA Smoke Detector and CO<sub>2</sub>  
H = RA + SA Smoke Detector and CO<sub>2</sub>  
J = Condensate Overflow Switch  
K = Condensate Overflow Switch and RA Smoke Detector  
L = Condensate Overflow Switch and  
RA + SA Smoke Detectors

### Indoor Fan Options

1 = Standard Static Belt Drive with VFD controller  
2 = Medium Static Belt Drive with VFD controller  
3 = High Static Belt Drive with VFD controller  
4 = Ultra High Static Belt Drive with VFD controller (08, 09 only)

### Coil Options: Fin/Tube (Condenser – Evaporator – Hail Guard)

A = Al/Cu – Al/Cu  
B = Precoat Al/Cu – Al/Cu  
C = E-coat Al/Cu – Al/Cu  
D = E-coat Al/Cu – E-coat Al/Cu  
E = Cu/Cu – Al/Cu  
F = Cu/Cu – Cu/Cu  
M = Al/Cu – Al/Cu – Louvered Hail Guard  
N = Precoat Al/Cu – Al/Cu – Louvered Hail Guard  
P = E-coat Al/Cu – Al/Cu – Louvered Hail Guard  
Q = E-coat Al/Cu – E-coat Al/Cu – Louvered Hail Guard  
R = Cu/Cu – Al/Cu – Louvered Hail Guard  
S = Cu/Cu – Cu/Cu – Louvered Hail Guard

### Packaging

0 = Standard  
1 = LTL

### Electrical Options

A = None  
B = HACR Circuit Breaker  
C = Non-Fused Disconnect  
D = Thru-The-Base Connections  
E = HACR Circuit Breaker  
and Thru-The Base Connections  
F = Non-Fused Disconnect and  
Thru-The-Base Connections

### Service Options

0 = None  
1 = Unpowered Convenience Outlet  
2 = Powered Convenience Outlet  
3 = Hinged Panels  
4 = Hinged Panels and  
Unpowered Convenience Outlet  
5 = Hinged Panels and  
Powered Convenience Outlet

### Intake / Exhaust Options

A = None  
B = Low Leak Temperature Economizer  
with Barometric Relief  
E = Low Leak Enthalpy Economizer  
with Barometric Relief  
N = Ultra Low Leak Temperature Economizer  
with Barometric Relief  
R = Ultra Low Leak Enthalpy Economizer  
with Barometric Relief

### Base Unit Controls

0 = Electro-mechanical Controls  
1 = RTU Open Multi-Protocol Controller  
4 = SystemVu™ Controller

### Design Revision

- = Factory Design Revision

### Voltage

1 = 575/3/60  
5 = 208-230/3/60  
6 = 460/3/60

# Model number nomenclature



## MODEL NUMBER NOMENCLATURE

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18  
**5 0 L C D 0 2 4 A 2 A 5 - 0 A 0 A 0**

Unit Type  
 50 = Electric Cooling  
 Packaged Rooftop

Model Series—WeatherExpert  
 LC = Ultra High Efficiency

Heat Size  
 0 = Standard No Electric Heat  
 D = Low Electric Heat  
 E = Medium Electric Heat  
 F = High Electric Heat

Refrig. System Options  
 0 = Three-stage cooling capacity control with TXV  
 A = Three-stage cooling capacity control with TXV  
 and Humidi-MiZer System

Nominal Cooling Tons  
 14 = 12.5 Ton  
 17 = 15 Ton  
 20 = 17.5 Ton  
 24 = 20 Ton  
 26 = 23 Ton

Sensor Options  
 A = None  
 B = RA smoke detector  
 C = SA smoke detector  
 D = RA & SA smoke detector  
 E = CO<sub>2</sub> sensor  
 F = RA smoke detector & CO<sub>2</sub>  
 G = SA smoke detector & CO<sub>2</sub>  
 H = RA & SA smoke detector & CO<sub>2</sub>

Indoor Fan Options  
 1 = Standard Static Vertical Supply Return Air Flow  
 2 = Medium Static Vertical Supply Return Air Flow  
 3 = High Static Vertical Supply Return Air Flow  
 4 = Ultra High Static Vertical Supply Return Air Flow  
 5 = Standard Static Horizontal Supply Return Air Flow  
 6 = Medium Static Horizontal Supply Return Air Flow  
 7 = High Static Horizontal Supply Return Air Flow  
 8 = Ultra High Static Horizontal Supply Return Air Flow

\* SystemVu controller is not available on units equipped with Standard Leak Economizer.

Not all possible options can be displayed above - see Price Pages for more details.

Brand / Packaging  
 0 = Standard  
 1 = LTL

Electrical Options  
 A = None  
 B = HACR breaker  
 C = Non-fused disconnect

Service Options  
 0 = None  
 1 = Unpowered convenience outlet  
 2 = Powered convenience outlet  
 3 = Hinged panels  
 4 = Hinged panels, unpwr conv outlet  
 5 = Hinged panels, pwr conv outlet

Air Intake / Exhaust Options  
 A = None  
 B = Temp Low Standard Leak Econo w/Baro relief  
 C = Temp Low Leak Econo w/PE (cent) –  
 Vertical Only  
 E = Enthalpy Low Leak Econo w/Baro relief  
 F = Enthalpy Low Leak Econo w/PE (cent)  
 – Vertical Only  
 N = Temp Ultra Low Leak Econo w/ baro relief  
 P = Temp Ultra Low Leak Econo w/PE vert only  
 R = Enthalpy Ultra Low Leak Econo w/ baro relief  
 S = Enthalpy Ultra Low Leak Econo w/PE (cent)  
 –Vertical Only

Base Unit Controls  
 0 = Electro-Mechanical Control  
 1 = RTU Open Multi-Protocol Controller  
 4 = SystemVu™ Controller\*

Design Revision  
 – Factory design revision

Voltage  
 1 = 575/3/60  
 5 = 208–230/3/60  
 6 = 460/3/60

Coil Options (Outdoor–Indoor–Hailguard)  
 A = Al/Cu – Al/Cu  
 B = Precoat Al/Cu – Al/Cu  
 C = E coat Al/Cu – Al/Cu  
 D = E coat Al/Cu–E coat Al/Cu  
 E = Cu/Cu–Al/Cu  
 F = Cu/Cu–Cu/Cu  
 M = Al/Cu – Al/Cu – Louvered Hail Guard  
 N = Precoat Al/Cu – Al/Cu – Louvered Hail Guard  
 P = E–coat Al/Cu – Al/Cu – Louvered Hail Guard  
 Q = E–coat Al/Cu – E–coat Al/Cu – Louvered Hail Guard  
 R = Cu/Cu–Al/Cu–Louvered Hail Guard  
 S = Cu/Cu–Cu/Cu–Louvered Hail Guard



# Model number nomenclature



## MODEL NUMBER NOMENCLATURE

Position:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Example:	5	0	L	C	0	B	1	2	A	1	A	5	-	1	N	0	A	0

### Unit Heat Type

50 - Electric Cooling/Heating  
Packaged Rooftop

### Model Series - WeatherExpert®

LC - Ultra High Efficiency

### Heat Options

0 = Standard - No Electric Heat  
D = Low Electric Heat  
E = Medium Electric Heat  
F = High Electric Heat

### Refrigerant Systems

B = Three stage cooling capacity control  
with multi-zone VAV operation

### Cooling Tons

07 - 6 ton  
08 - 7.5 ton  
09 - 8.5 ton  
12 - 10 ton

### Sensor Options

A = None  
B = RA Smoke Detector  
C = SA Smoke Detector  
D = RA + SA Smoke Detector  
E = CO<sub>2</sub>  
F = RA Smoke Detector and CO<sub>2</sub>  
G = SA Smoke Detector and CO<sub>2</sub>  
H = RA + SA Smoke Detector and CO<sub>2</sub>

### Indoor Fan Options

1 = Standard Static Belt Drive with VFD controller  
2 = Medium Static Belt Drive with VFD controller  
3 = High Static Belt Drive with VFD controller

### Coil Options: Fin/Tube (Condenser – Evaporator – Hail Guard)

A = Al/Cu – Al/Cu  
B = Precoat Al/Cu – Al/Cu  
C = E-coat Al/Cu – Al/Cu  
D = E-coat Al/Cu – E-coat Al/Cu  
E = Cu/Cu – Al/Cu  
F = Cu/Cu – Cu/Cu  
M = Al/Cu – Al/Cu – Louvered Hail Guard  
N = Precoat Al/Cu – Al/Cu – Louvered Hail Guard  
P = E-coat Al/Cu – Al/Cu – Louvered Hail Guard  
Q = E-coat Al/Cu – E-coat Al/Cu – Louvered Hail Guard  
R = Cu/Cu – Al/Cu – Louvered Hail Guard  
S = Cu/Cu – Cu/Cu – Louvered Hail Guard

### Packaging

0 = Standard  
1 = LTL

### Electrical Options

A = None  
B = HACR Breaker  
C = Non-Fused Disconnect  
D = Thru-The-Base Connections  
E = HACR Breaker and  
Thru-The-Base Connections  
F = Non-Fused Disconnect and  
Thru-The-Base Connections

### Service Options

0 = None  
1 = Unpowered Convenience Outlet  
2 = Powered Convenience Outlet  
3 = Hinged Panels  
4 = Hinged Panels and  
Unpowered Convenience Outlet  
5 = Hinged Panels and  
Powered Convenience Outlet

### Intake / Exhaust Options (required on each unit)<sup>1</sup>

B = Low Leak Temperature Economizer  
with Barometric Relief  
E = Low Leak Enthalpy Economizer  
with Barometric Relief  
N = Ultra LOW LEAK Temperature Economizer  
with Barometric Relief  
R = Ultra LOW LEAK Enthalpy Economizer  
with Barometric Relief

### Base Unit Controls

1 = VAV-RTU Open Controller  
(required on each model)

### Design Revision

- = Factory Design Revision

### Voltage

1 = 575/3/60  
5 = 208-230/3/60  
6 = 460/3/60

**NOTE:** Not all possible options can be displayed above. Refer to other support material or your local Carrier Expert

<sup>1</sup>Vertical air flow economizer factory option, must be field installed for horizontal air flow models

# Model number nomenclature



## MODEL NUMBER NOMENCLATURE

Position:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Example:	5	0	L	C	D	B	2	4	A	1	A	5	-	0	N	0	A	0

### Unit Heat Type

50 - Electric Cooling  
Packaged Rooftop

### Model Series - WeatherExpert®

LC - Ultra High Efficiency

### Heat Options

0 = Standard - No Electric Heat  
D = Low Electric Heat  
E = Medium Electric Heat  
F = High Electric Heat

### Refrig. Systems Options

B = Three stage cooling capacity control with multi-zone VAV operation

### Cooling Tons

14 - 12.5 ton  
17 - 15 ton  
20 - 17.5 ton  
24 - 20 ton  
26 - 23 ton

### Sensor Options

A = None  
B = RA Smoke Detector  
C = SA Smoke Detector  
D = RA + SA Smoke Detector  
E = CO<sub>2</sub>  
F = RA Smoke Detector and CO<sub>2</sub>  
G = SA Smoke Detector and CO<sub>2</sub>  
H = RA + SA Smoke Detector and CO<sub>2</sub>

### Indoor Fan Motor Options

1 = Standard Static / Vertical Supply, Return Air Flow  
2 = Medium Static / Vertical Supply, Return Air Flow  
3 = High Static / Vertical Supply, Return Air Flow  
4 = Ultra High Static / Vertical Supply, Return Air Flow  
5 = Standard Static / Horizontal Supply, Return Air Flow  
6 = Medium Static / Horizontal Supply, Return Air Flow  
7 = High Static / Horizontal Supply, Return Air Flow  
8 = Ultra High Static / Horizontal Supply, Return Air Flow

### Coil Options (Outdoor – Indoor – Hail Guard)

A = Al/Cu – Al/Cu  
B = Precoat Al/Cu – Al/Cu  
C = E-coat Al/Cu – Al/Cu  
D = E-coat Al/Cu – E-coat Al/Cu  
E = Cu/Cu – Al/Cu  
F = Cu/Cu – Cu/Cu  
M = Al/Cu – Al/Cu – Louvered Hail Guard  
N = Precoat Al/Cu – Al/Cu – Louvered Hail Guard  
P = E-coat Al/Cu – Al/Cu – Louvered Hail Guard  
Q = E-coat Al/Cu – E-coat Al/Cu – Louvered Hail Guard  
R = Cu/Cu – Al/Cu – Louvered Hail Guard  
S = Cu/Cu – Cu/Cu – Louvered Hail Guard

### Packaging

0 = Standard  
1 = LTL

### Electrical Options

A = None  
B = HACR Circuit Breaker  
C = Non-Fused Disconnect

### Service Options

0 = None  
1 = Unpowered Convenience Outlet  
2 = Powered Convenience Outlet  
3 = Hinged Panels  
4 = Hinged Panels and Unpowered Convenience Outlet  
5 = Hinged Panels and Powered Convenience Outlet

### Intake / Exhaust Options

B = Temperature Low Leak Economizer with Barometric Relief  
C = Temperature Low Leak Economizer with Centrifugal Power Exhaust - Vertical Only  
E = Enthalpy Low Leak Economizer with Barometric Relief  
F = Enthalpy Low Leak Economizer with Centrifugal Power Exhaust - Vertical Only  
N = Temperature Ultra Low Leak Economizer with Barometric Relief  
P = Temperature Ultra Low Leak Economizer with Centrifugal Power Exhaust - Vertical Only  
R = Enthalpy Ultra Low Leak Economizer with Barometric Relief  
S = Enthalpy Ultra Low Leak Economizer with Centrifugal Power Exhaust - Vertical Only

### Base Unit Controls

1 = VAV-RTU Open controller (required on each model)

### Design Revision

- = Factory Design Revision

### Voltage

1 = 575/3/60  
5 = 208-230/3/60  
6 = 460/3/60

# Model number nomenclature



## 50TC UNITS MODEL NUMBER NOMENCLATURE (EXAMPLE)

Position:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Example:	5	0	T	C	-	D	0	8	A	1	A	5	-	0	A	0	G	0

### Unit Heat Type

50 - Electric Heat Packaged Rooftop

### Model Series - WeatherMaker®

TC - Standard Efficiency

### Heat Size

- = No heat

### Refrig. Systems Options

- A = Standard One Stage Cooling Models (Size 07 Only)
- B = Standard One Stage Cooling with Humidi-MiZer® System (07 models only)
- D = Two Stage Cooling Models 08-16
- E = Two Stage Cooling Models 08-16 with AI/Cu condenser Coils and with Humidi-MiZer System
- M = Single Circuit, Two Stage Cooling Models (Sizes 08, 09, 12 Only)

### Cooling Tons

- 07 = 6 tons      12 = 10 tons
- 08 = 7.5 tons    14 = 12.5 tons
- 09 = 8.5 tons    16 = 15 tons

### Sensor Options

- A = None
- B = RA Smoke Detector
- C = SA Smoke Detector
- D = RA + SA Smoke Detector
- E = CO<sub>2</sub> Sensor
- F = RA Smoke Detector and CO<sub>2</sub> Sensor
- G = SA Smoke Detector and CO<sub>2</sub> Sensor
- H = RA + SA Smoke Detector and CO<sub>2</sub> Sensor
- J = Condensate Overflow Switch
- K = Condensate Overflow Switch and RA Smoke Detectors
- L = Condensate Overflow Switch and RA and SA Smoke Detectors

### Indoor Fan Options

- 1 = Belt Drive, Standard Static Option
- 2 = Belt Drive, Medium Static Option
- 3 = Belt Drive, High Static Option\*
- C = High Static Option with High Efficiency Motor (Size 16 Only)

### Coil Options – RTPF (Outdoor – Indoor – Hail Guard)

- A = AI/Cu – AI/Cu
- B = Precoat AI/Cu – AI/Cu
- C = E-coat AI/Cu – AI/Cu
- D = E-coat AI/Cu – E-coat AI/Cu
- E = Cu/Cu – AI/Cu
- F = Cu/Cu – Cu/Cu
- M = AI/Cu – AI/Cu – Louvered Hail Guard
- N = Precoat AI/Cu – AI/Cu – Louvered Hail Guard
- P = E-coat AI/Cu – AI/Cu – Louvered Hail Guard
- Q = E-coat AI/Cu – E-coat AI/Cu – Louvered Hail Guard
- R = Cu/Cu – AI/Cu – Louvered Hail Guard
- S = Cu/Cu – Cu/Cu – Louvered Hail Guard

### Coil Options – Novation (Outdoor – Indoor – Hail Guard)

- G = AI/AI – AI/Cu
- H = AI/AI – Cu/Cu
- J = AI/AI – E-coat AI/Cu
- K = E-coat AI/AI – AI/Cu
- L = E-coat AI/AI – E-coat AI/Cu
- T = AI/AI – AI/Cu – Louvered Hail Guard
- U = AI/AI – Cu/Cu – Louvered Hail Guard
- V = AI/AI – E-coat AI/Cu – Louvered Hail Guard
- W = E-coat AI/AI – AI/Cu – Louvered Hail Guard
- X = E-coat AI/AI – E-coat AI/Cu – Louvered Hail Guard

### Packaging & Seismic Compliance

- 0 = Standard
- 1 = LTL

### Electrical Options

#### Non USA Models — No SAV™ included

- A = None
- C = Non-Fused Disconnect
- D = Thru-The-Base Connections
- F = Non-Fused Disconnect and Thru-The-Base Connections

#### Standard USA Models — SAV included

- G = 2-Speed Indoor Fan (VFD) Controller
- J = 2 Speed Fan Controller (VFD) and Non-Fused Disconnect
- K = 2 Speed Fan Controller (VFD) and Thru-The-Base Connections
- M = 2 Speed Fan Controller (VFD) with Non-Fused Disconnect and Thru-The-Base Connections

### Service Options

- 0 = None
- 1 = Unpowered Convenience Outlet
- 2 = Powered Convenience Outlet
- 3 = Hinged Panels
- 4 = Hinged Panels and Unpowered Convenience Outlet
- 5 = Hinged Panels and Powered Convenience Outlet

### Intake / Exhaust Options

- A = None
- B = Temperature Economizer w/ Barometric Relief
- F = Enthalpy Economizer w/ Barometric Relief
- K = 2-Position Damper
- U = Temperature Ultra Low Leak Economizer w/ Barometric Relief
- W = Enthalpy Ultra Low Leak Economizer w/ Barometric Relief

### Base Unit Controls

- 0 = Electro-mechanical Controls can be used with W7212 EconoMiSer® IV (Non-Fault Detection and Diagnostic)
- 1 = PremierLink™ Controller
- 2 = RTU Open Multi-Protocol Controller
- 6 = Electro-mechanical w/ 2-Speed Fan and W7220 Economizer Controller Controls. Can be used with W7220 EconoMiSer X (w/ Fault Detection & Diagnostic)

### Design Revision

- = Factory Design Revision

### Voltage

- 1 = 575/3/60
- 5 = 208-230/3/60
- 6 = 460/3/60

\* Not available on 50TC\*M08 units.

**NOTE:** Not all possible options are displayed, see the current 50TC 6 to 15 Ton Price Pages for more details.



# Model number nomenclature



## MODEL NUMBER NOMENCLATURE

Position:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Example:	5	0	T	C	-	D	2	4	A	1	G	6	-	0	A	0	A	0

**Unit Heat Type**  
50 - Electric Heat  
Packaged Rooftop

**Model Series - WeatherMaker®**  
TC - Standard Efficiency

**Heat Options**  
- = No Heat

**Refrig. Systems Options**  
D = Two stage cooling model  
E = Two stage cooling models with Humidi-MiZer®  
(17-28 models with RTPF coils only)

**Cooling Tons**  
17 = 15 tons      28 = 25 tons  
20 = 17.5 tons    30 = 27.5 tons  
24 = 20 tons

**Sensor Options**  
A = None  
B = RA Smoke Detector  
C = SA Smoke Detector  
D = RA + SA Smoke Detector  
E = CO<sub>2</sub>  
F = RA Smoke Detector and CO<sub>2</sub>  
G = SA Smoke Detector and CO<sub>2</sub>  
H = RA + SA Smoke Detector and CO<sub>2</sub>

**Indoor Fan Options and Air Flow Configuration**  
1 = Standard Static/Vertical Supply, Return Air Flow  
2 = Medium Static/Vertical Supply, Return Air Flow  
3 = High Static/Vertical Supply, Return Air Flow  
B = Med Static High Efficiency Motor/Vertical Supply, Return Air Flow  
C = High Static High Efficiency Motor/Vertical Supply, Return Air Flow

**Coil Options – RTPF (Outdoor – Indoor – Hail Guard)**  
A = Al/Cu – Al/Cu  
B = Precoat Al/Cu – Al/Cu  
C = E-coat Al/Cu – Al/Cu  
D = E-coat Al/Cu – E-coat Al/Cu  
E = Cu/Cu – Al/Cu  
F = Cu/Cu – Cu/Cu  
M = Al/Cu – Al/Cu – Louvered Hail Guard  
N = Precoat Al/Cu – Al/Cu – Louvered Hail Guard  
P = E-coat Al/Cu – Al/Cu – Louvered Hail Guard  
Q = E-coat Al/Cu – E-coat Al/Cu – Louvered Hail Guard  
R = Cu/Cu – Al/Cu – Louvered Hail Guard  
S = Cu/Cu – Cu/Cu – Louvered Hail Guard

**Coil Options – Novation® (Outdoor – Indoor – Hail Guard)**  
G = Al/Al – Al/Cu  
H = Al/Al – Cu/Cu  
J = Al/Al – E-coat Al/Cu  
K = E-coat Al/Al – Al/Cu  
L = E-coat Al/Al – E-coat Al/Cu  
T = Al/Al – Al/Cu – Louvered Hail Guard  
U = Al/Al – Cu/Cu – Louvered Hail Guard  
V = Al/Al – E-coat Al/Cu – Louvered Hail Guard  
W = E-coat Al/Al – Al/Cu – Louvered Hail Guard  
X = E-coat Al/Al – E-coat Al/Cu – Louvered Hail Guard

**Packaging & Seismic Compliance**  
0 = Standard  
3 = California Seismic Compliant

**Electrical Options**  
A = None  
C = Non-Fused Disconnect  
G = 2-Speed Indoor Fan (VFD) Controller  
J = 2 Speed Fan Controller (VFD) and  
Non-Fused Disconnect

**Service Options**  
0 = None  
1 = Unpowered Convenience Outlet  
2 = Powered Convenience Outlet  
3 = Hinged Panels  
4 = Hinged Panels and  
Unpowered Convenience Outlet  
5 = Hinged Panels and  
Powered Convenience Outlet

**Intake / Exhaust Options**  
A = None  
B = Temperature Economizer w/ Barometric Relief  
F = Enthalpy Economizer w/ Barometric Relief  
K = 2-Position Damper  
U = Temp Ultra Low Leak Economizer w/ Baro Relief  
V = Temp Ultra Low Leak Economizer w/ PE (cert) -  
Vertical Air Only  
W = Enthalpy Ultra Low Leak Economizer w/ Baro Relief  
X = Enthalpy Ultra Low Leak Economizer PE (cert) -  
Vertical Air Only

**Base Unit Controls**  
0 = Base Electromechanical Controls  
1 = PremierLink Controller\*  
2 = RTU Open Multi-Protocol Controller  
6 = Electro-mechanical w/ 2-Speed Fan  
and W7220 Economizer Controller

**Design Revision**  
- = Factory Design Revision

**Voltage**  
1 = 575/3/60  
5 = 208-230/3/60  
6 = 460/3/60

\*PremierLink™ controller cannot be used with Staged Air Volume (SAV™) 2-speed indoor fan motor.

# Model number nomenclature



## MODEL NUMBER NOMENCLATURE

Position:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Example:	5	0	T	C	-	D	2	5	A	5	A	5	-	0	A	0	A	0

### Unit Heat Type

50 - Electric Heat Packaged Rooftop

### Model Series - WeatherMaker®

TC - Standard Efficiency

### Heat Options

- = Standard, No Electric Heat

### Refrig. Systems Options

D = Two stage cooling model

E = Two stage cooling models with Humidi-MiZer® System

### Cooling Tons

18 = 15 tons

21 = 17.5 tons

25 = 20 tons

29 = 25 tons

### Sensor Options

A = None

B = RA Smoke Detector

C = SA Smoke Detector

D = RA + SA Smoke Detector

E = CO<sub>2</sub>

F = RA Smoke Detector and CO<sub>2</sub>

G = SA Smoke Detector and CO<sub>2</sub>

H = RA + SA Smoke Detector and CO<sub>2</sub>

J = Condensate Overflow Switch (electro-mechanical controls only)

K = Condensate Overflow Switch and RA Smoke Detectors

L = Condensate Overflow Switch and RA and SA Smoke Detectors

### Indoor Fan Options and Air Flow Configuration

5 = Standard Static/Horizontal Supply, Return Air Flow  
(not available in 29 size models with 1-speed motors)

6 = Medium Static/Horizontal Supply, Return Air Flow  
(not available in 29 size models with 1-speed motors)

7 = High Static/Horizontal Supply, Return Air Flow  
(not available in 29 size models with 1-speed motors)

F = Medium Static High Efficiency Motor/Horizontal Supply, Return Air Flow  
(not available in 29 size models)

G = High Static High Efficiency Motor/Horizontal Supply, Return Air Flow  
(not available in 29 size models)

### Coil Options – RTPF (Outdoor – Indoor – Hail Guard)

A = Al/Cu – Al/Cu

B = Precoat Al/Cu – Al/Cu

C = E-coat Al/Cu – Al/Cu

D = E-coat Al/Cu – E-coat Al/Cu

E = Cu/Cu – Al/Cu

F = Cu/Cu – Cu/Cu

M = Al/Cu – Al/Cu – Louvered Hail Guard

N = Precoat Al/Cu – Al/Cu – Louvered Hail Guard

P = E-coat Al/Cu – Al/Cu – Louvered Hail Guard

Q = E-coat Al/Cu – E-coat Al/Cu – Louvered Hail Guard

R = Cu/Cu – Al/Cu – Louvered Hail Guard

S = Cu/Cu – Cu/Cu – Louvered Hail Guard

### Packaging and Seismic Compliance

0 = Standard

### Electrical Options

A = Non USA models – No (SAV) included

C = Non-Fused Disconnect

G = Standard USA models – (SAV) included  
2-Speed Indoor Fan (VFD) Controller

J = 2 Speed Fan Controller (VFD) and  
Non-Fused Disconnect

### Service Options

0 = None

1 = Unpowered Convenience Outlet

2 = Powered Convenience Outlet

3 = Hinged Panels

4 = Hinged Panels and

Unpowered Convenience Outlet

5 = Hinged Panels and

Powered Convenience Outlet

### Intake / Exhaust Options

A = None

B = Temperature Economizer w/ Barometric Relief

F = Enthalpy Economizer w/ Barometric Relief

K = 2-Position Damper

U = Temp Ultra Low Leak Economizer w/ Baro Relief

W = Enthalpy Ultra Low Leak Economizer w/ Baro Relief

### Base Unit Controls

0 = Electro-mechanical controls. Can be used with  
W7212 EconoMiSer® IV (Non-Fault Detection and  
Diagnostic)

1 = PremierLink™ Controller

2 = RTU Open Multi-Protocol Controller

6 = Electro-mechanical controls. Can be used with  
W7220 EconoMiSer X (with Fault Detection and  
Diagnostic)

D = ComfortLink Controls

### Design Revision

- = Factory Design Revision

### Voltage

1 = 575/3/60

5 = 208-230/3/60

6 = 460/3/60

NOTE: Not all possible options are displayed. See the current  
50TC Horizontal 15 to 25 Ton Price Pages for more details.



# Model number nomenclature



## 50FCQ MODEL NUMBER NOMENCLATURE

Position:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Example:	5	0	F	C	Q	A	0	4	A	2	A	5	-	0	A	0	A	0

### Unit Heat Type

50 – Electric Heat Packaged Rooftop

### Model Series - WeatherMaker®

FC – 14.3 SEER Standard Efficiency, sizes 04-06  
15.0 IEER Standard Efficiency, size 07

### Heat Size

Q = Heat Pump

### Refrig. Systems Options

A = Standard One Stage Cooling Models (sizes 04-06)  
M = Single Circuit, Two Stage Cooling (size 07 only)

### Cooling Tons

04 = 3 tons  
05 = 4 tons  
06 = 5 tons  
07 = 6 tons

### Sensor Options

A = None  
B = Return Air (RA) Smoke Detector  
C = Supply Air (SA) Smoke Detector  
D = RA + SA Smoke Detector  
E = CO<sub>2</sub> Sensor  
F = RA Smoke Detector and CO<sub>2</sub> Sensor  
G = SA Smoke Detector and CO<sub>2</sub> Sensor  
H = RA + SA Smoke Detector and CO<sub>2</sub> Sensor  
J = Condensate Overflow Switch  
K = Condensate Overflow Switch and RA Smoke Detector  
L = Condensate Overflow Switch and RA and SA Smoke Detectors  
M = Condensate Overflow Switch and SA Smoke Detector

### Indoor Fan Options

1 = Direct Drive – EcoBlue – Standard Static  
2 = Direct Drive – EcoBlue – Medium Static  
3 = Direct Drive – EcoBlue – High Static

### Coil Options – (Outdoor - Indoor - Hail Guard)

A = Al/Cu - Al/Cu  
B = Precoat Al/Cu - Al/Cu  
C = E-coat Al/Cu - Al/Cu  
D = E-coat Al/Cu - E-coat Al/Cu  
E = Cu/Cu - Al/Cu  
F = Cu/Cu - Cu/Cu  
M = Al/Cu - Al/Cu — Louvered Hail Guard  
N = Precoat Al/Cu - Al/Cu — Louvered Hail Guard  
P = E-coat Al/Cu - Al/Cu — Louvered Hail Guard  
Q = E-coat Al/Cu - E-coat Al/Cu — Louvered Hail Guard  
R = Cu/Cu - Al/Cu — Louvered Hail Guard  
S = Cu/Cu - Cu/Cu — Louvered Hail Guard

### Packaging & Seismic Compliance

0 = Standard  
1 = LTL

### Electrical Options

A = None  
C = Non-Fused Disconnect  
D = Thru-The-Base Connections  
F = Non-Fused Disconnect and Thru-The-Base Connections

### Service Options

0 = None  
1 = Unpowered Convenience Outlet  
2 = Powered Convenience Outlet  
3 = Hinged Panels  
4 = Hinged Panels and Unpowered Convenience Outlet  
5 = Hinged Panels and Powered Convenience Outlet

### Intake / Exhaust Options

A = None  
B = Temperature Economizer w/ Barometric Relief  
F = Enthalpy Economizer w/ Barometric Relief  
K = Two-Position Damper (sizes 04-06 only)  
U = Temperature Ultra Low Leak Economizer w/ Barometric Relief  
W = Enthalpy Ultra Low Leak Economizer w/ Barometric Relief

### Base Unit Controls

0 = Electro-mechanical Controls – can be used with field-installed W7212 EconoMiSer® IV (Non-Fault Detection and Diagnostic)  
2 = RTU Open Multi-Protocol Controller  
3 = SystemVu™ Controls  
6 = Electro-mechanical Controls – can be used with W7220 EconoMiSer X (with Fault Detection and Diagnostic)

### Design Revision

- = Factory Design Revision

### Voltage

1 = 575/3/60  
3 = 208-230/1/60  
5 = 208-230/3/60  
6 = 460/3/60

**Note: On single phase (-3 voltage code) models, the following are not available as a factory-installed option:**

- Two-Position Damper
- Coated Coils or Cu Fin Coils
- Louvered Hail Guards
- Economizer or 2-Position Damper
- Powered 115 Volt Convenience Outlet

# Model number nomenclature



## 50GCQ MODEL NUMBER NOMENCLATURE

Position:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Example:	5	0	G	C	Q	M	0	4	A	1	A	5	-	0	A	0	A	0

**Unit Heat Type**  
50 - Electric Heat  
Packaged Rooftop

**Model Series - WeatherMaster®**  
GC - 16 SEER Efficiency

**Heat Options**  
Q = Heat Pump

**Refrig. Systems Options**  
M = Two Stage Cooling Models

**Cooling Tons**  
04 - 3 ton  
05 - 4 ton  
06 - 5 ton

**Sensor Options**  
A = None  
B = RA (Return Air) Smoke Detector  
C = SA (Supply Air) Smoke Detector  
D = RA + SA Smoke Detector  
E = CO<sub>2</sub>  
F = RA Smoke Detector and CO<sub>2</sub>  
G = SA Smoke Detector and CO<sub>2</sub>  
H = RA + SA Smoke Detector and CO<sub>2</sub>  
J = Condensate Overflow Switch  
K = Condensate Overflow Switch and RA Smoke Detectors  
L = Condensate Overflow Switch and RA and SA Smoke Detectors  
M = Condensate Overflow Switch and SA Smoke Detectors

**Indoor Fan Options**  
1 = Direct Drive – EcoBlue – Standard Static  
2 = Direct Drive – EcoBlue – Medium Static  
3 = Direct Drive – EcoBlue – High Static

**Coil Options (RTPF) (Outdoor - Indoor - Hail Guard)**  
A = Al/Cu - Al/Cu  
B = Precoat Al/Cu - Al/Cu  
C = E-coat Al/Cu - Al/Cu  
D = E-coat Al/Cu - E-coat Al/Cu  
E = Cu/Cu - Al/Cu  
F = Cu/Cu - Cu/Cu  
M = Al/Cu - Al/Cu — Louvered Hail Guard  
N = Precoat Al/Cu - Al/Cu — Louvered Hail Guard  
P = E-coat Al/Cu - Al/Cu — Louvered Hail Guard  
Q = E-coat Al/Cu - E-coat Al/Cu — Louvered Hail Guard  
R = Cu/Cu - Al/Cu — Louvered Hail Guard  
S = Cu/Cu - Cu/Cu — Louvered Hail Guard

**Factory Assigned**  
0 = Standard  
1 = LTL

**Electrical Options**  
A = None  
B = HACR Breaker  
C = Non-Fused Disconnect (NFD)  
D = Thru-The-Base Connections (TTB)  
E = HACR and Thru-The-Base Connections  
F = Non-Fused Disconnect and TTB  
N = Phase Monitor Protection  
P = Phase Monitor and HACR  
Q = Phase Monitor and NFD  
R = Phase Monitor and TTB  
S = Phase Monitor and HACR and TTB  
T = Phase Monitor and NFD and TTB

**Service Options**  
0 = None  
1 = Unpowered Convenience Outlet  
2 = Powered Convenience Outlet  
3 = Hinged Panels  
4 = Hinged Panels and Unpowered Convenience Outlet  
5 = Hinged Panels and Powered Convenience Outlet  
6 = MERV 8 Filters  
C = Foil Faced Insulation

**Intake / Exhaust Options**  
A = None  
B = Temperature Economizer w/ Barometric Relief  
F = Enthalpy Economizer w/ Barometric Relief  
U = Temperature Ultra Low Leak Economizer w/ Barometric Relief  
W = Enthalpy Ultra Low Leak Economizer w/ Barometric Relief

**Base Unit Controls**  
0 = Electro-mechanical controls - can be used with field-installed W7212 EconoMi\$er® IV (Non-Fault Detection and Diagnostic)  
2 = RTU Open Multi-Protocol Controller  
3 = SystemVu™ Controller  
6 = Electro-mechanical - can be used with W7220 EconoMi\$er X (with Fault Detection and Diagnostic)

**Design Revision**  
- = Factory Design Revision

**Voltage**  
1 = 575/3/60  
3 = 208-230/1/60  
5 = 208-230/3/60  
6 = 460/3/60

**Note: On single phase (-3 voltage code) models, the following are not available as factory-installed options:**  
- Coated Coils or Cu Fin Coils  
- Louvered Hail Guards  
- Economizer  
- Powered 115 Volt Convenience Outlet

# Model number nomenclature



## 50HCQ MODEL NUMBER NOMENCLATURE (EXAMPLE)

Position:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Example:	5	0	H	C	Q	A	0	6	A	0	A	6	-	0	B	2	A	0

**Series - WeatherMaster®**  
50HC - Packaged Rooftop - High Efficiency

Q = Heat Pump

**Refrig. Systems Options**

A = One Stage Cooling Models  
D = Two Stage Cooling Models

**Cooling Tons**

- 04 - 3 ton
- 05 - 4 ton
- 06 - 5 ton
- 07 - 6 ton
- 08 - 7.5 ton
- 09 - 8.5 ton
- 12 - 10 ton

**Sensor Options**

- A = None
- B = RA Smoke Detector
- C = SA Smoke Detector
- D = RA + SA Smoke Detector
- E = CO<sub>2</sub>
- F = RA Smoke Detector and CO<sub>2</sub>
- G = SA Smoke Detector and CO<sub>2</sub>
- H = RA + SA Smoke Detector and CO<sub>2</sub>
- J = Condensate Overflow Switch
- K = Condensate Overflow Switch and RA Smoke Detectors
- L = Condensate Overflow Switch and RA + SA Smoke Detectors

**Indoor Fan Options**

- 0 = Electric Drive X13 Motor (04-06)
- 1 = Standard Static Option - Belt Drive
- 2 = Medium Static Option - Belt Drive
- 3 = High Static Option - Belt Drive
- C = High Static Option with High Efficiency Motor- Belt Drive (size 12 only)

**Coil Options - Round Tube/Plate Fin Condenser Coil (Outdoor - Indoor - Hail Guard)**

- A = Al/Cu - Al/Cu
- B = Precoat Al/Cu - Al/Cu
- C = E-coat Al/Cu - Al/Cu
- D = E-coat Al/Cu - E-coat Al/Cu
- E = Cu/Cu - Al/Cu
- F = Cu/Cu - Cu/Cu
- M = Al/Cu -Al/Cu — Louvered Hail Guard
- N = Precoat Al/Cu - Al/Cu — Louvered Hail Guard
- P = E-coat Al/Cu - Al/Cu — Louvered Hail Guard
- Q = E-coat Al/Cu - E-coat Al/Cu — Louvered Hail Guard
- R = Cu/Cu - Al/Cu — Louvered Hail Guard
- S = Cu/Cu - Cu/Cu — Louvered Hail Guard

**NOTE: On single phase (-3 voltage code) models, the following are not available as a factory-installed option:**

- Coated Coils or Cu Fin Coils
- Louvered Hail Guards
- Economizer or 2 Position Damper
- Powered 115 Volt Convenience Outlet

**Factory Assigned**

- 0 = Standard
- 1 = LTL
- 2 = California Seismic Compliant - OSHPD
- 1 = California Seismic Compliant - OSHPD plus LTL

**Electrical Options**

- A = None
- C = Non-Fused Disconnect
- D = Thru-The-Base Connections
- F = Non-Fused Disconnect and Thru-The-Base Connections
- G = 2-Speed Indoor Fan Controller (VFD)
- J = 2-Speed Indoor Fan Controller (VFD) and Non-Fused Disconnect
- K = 2-Speed Indoor Fan Controller (VFD) and Thru-The-Base Connections
- M = 2-Speed Indoor Fan Controller (VFD) with Non-Fused Disconnect and Thru-The-Base Connections

**Service Options**

- 0 = None
- 1 = Unpowered Convenience Outlet
- 2 = Powered Convenience Outlet
- 3 = Hinged Access Panels
- 4 = Hinged Access Panels and Unpowered Convenience Outlet
- 5 = Hinged Panels and Powered Convenience Outlet

**Intake / Exhaust Options**

- A = None
- B = Temperature Economizer w/ Barometric Relief
- F = Enthalpy Economizer w/ Barometric Relief
- K = 2-Position Damper
- U = Temperature Ultra Low Leak Economizer w/ Barometric Relief
- W = Enthalpy Ultra Low Leak Economizer w/ Barometric Relief

**Base Unit Controls**

- 0 = Electro-mechanical Controls can be used with W7212 EconoMiSer® IV (Non-Fault Detection and Diagnostic)
- 1 = PremierLink™ Controller
- 2 = RTU Open Multi-Protocol Controller
- 6 = Electro-mechanical w/ 2-speed fan and W7220 Economizer controller Controls. Can be used with W7220 EconoMiSer X (with Fault Detection and Diagnostic)

**Design Revision**

- = Factory Design Revision

**Voltage**

- 1 = 575/3/60
- 3 = 208-230/1/60
- 5 = 208-230/3/60
- 6 = 460/3/60



# Model number nomenclature



## 50KCQ\*04-06 MODEL NUMBER NOMENCLATURE

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
5	0	K	C	Q	A	0	4	A	0	A	5	-	0	A	0	A	0

**Unit/Series Model**  
50KC – Packaged 14 SEER Rooftop

Q = Heat Pump

**Refrig. Systems Options**  
A – Standard One-Stage Cooling Models

**Cooling Tons**  
04 – 3 ton  
05 – 4 ton  
06 – 5 ton

**Sensor Options**  
A = None  
B = RA Smoke Detector  
C = SA Smoke Detector  
D = RA + SA Smoke Detector  
E = CO<sub>2</sub>  
F = RA Smoke Detector and CO<sub>2</sub>  
G = SA Smoke Detector and CO<sub>2</sub>  
H = RA + SA Smoke Detector and CO<sub>2</sub>  
J = Condensate Overflow Switch (electromech controls only)  
K = Condensate Overflow Switch and RA Smoke Detectors  
L = Condensate Overflow Switch and RA and SA Smoke Detectors

**Indoor Fan Options**  
0 = Direct Drive X13 Motor  
2 = Medium Static Option – Belt Drive  
3 = High Static Option – Belt Drive

**Note: On single phase (-3 voltage code) models, the following are not available as a factory installed option:**

- Coated Coils or Cu Fin Coils
- Louvered Hail Guards
- Economizer or 2 Position Damper
- Powered 115 Volt Convenience Outlet

**Packaging and Seismic Compliant**  
0 = Standard  
1 = LTL

**Electrical Options**  
A = None  
C = Non-Fused Disconnect  
D = Thru-the-Base Connections  
F = Non-Fused Disconnect and Thru-the-Base Connections

**Service Options**  
0 = None  
1 = Unpowered Convenience Outlet  
2 = Powered Convenience Outlet  
3 = Hinged Panels  
4 = Hinged Panels, Unpowered Convenience Outlet  
5 = Hinged Panels, Powered Convenience Outlet

**Intake / Exhaust Options**  
A = None  
B = Temperature Economizer with Barometric Relief  
F = Enthalpy Economizer with Barometric Relief  
K = 2-Position Damper  
U = Temp Ultra Low Leak Economizer with Baro Relief  
W = Enthalpy Ultra Low Leak Econo with Baro Relief

**Base unit controls**  
0 = Electromechanical Controls can be used with W7212 EconoMiSer IV (Non-Fault Detection and Diagnostic)  
1 = PremierLink Controller  
2 = RTU Open Multi-Protocol Controller  
6 = Electromechanical – can be used with W7220 EconoMiSer X (with Fault Detection and Diagnostic)

**Design Revision**  
Factory Assigned

**Voltage**  
1 = 575/3/60      5 = 208-230/3/60  
3 = 208-230/1/60      6 = 460/3/60

**Coil Options (Outdoor – Indoor – Hailguard)**  
A = Al/Cu – Al/Cu  
B = Precoat Al/Cu – Al/Cu  
C = E-coat Al/Cu – Al/Cu  
D = E-coat Al/Cu – E-coat Al/Cu  
E = Cu/Cu – Al/Cu  
F = Cu/Cu – Cu/Cu  
M = Al/Cu – Al/Cu – Louvered Hail Guards  
N = Precoat Al/Cu – Al/Cu – Louvered Hail Guards  
P = E-coat Al/Cu – Al/Cu – Louvered Hail Guards  
Q = E-coat Al/Cu – E-coat Al/Cu – Louvered Hail Guards  
R = Cu/Cu – Al/Cu – Louvered Hail Guards  
S = Cu/Cu – Cu/Cu – Louvered Hail Guards

# Model number nomenclature



- Staged Air Volume (SAV™) fan speed system utilizes a Variable Frequency Drive (VFD) to automatically adjust the indoor fan motor speed between cooling stages. Available on single stage cooling model 07 and 2-stage cooling models, 08-14 with electro-mechanical controls

or RTU Open controller. Note that SAV is required on all units for installation in the United States as per the Department of Energy (DOE) efficiency standard of 2018.

## 50TCQ MODEL NUMBER NOMENCLATURE

Position:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Example:	5	0	T	C	Q	D	0	8	A	1	A	6	-	0	B	2	A	0

**Series - WeatherMake®**  
50TC - Packaged Rooftop

Q = Heat Pump

**Refrig. Systems Options**  
A = One Stage Cooling Models  
D = Two Stage Cooling Models

**Cooling Tons**  
07 - 6 ton  
08 - 7.5 ton  
09 - 8.5 ton  
12 - 10 ton  
14 - 12.5 ton

**Sensor Options**  
A = None  
B = RA Smoke Detector  
C = SA Smoke Detector  
D = RA + SA Smoke Detector  
E = CO<sub>2</sub>  
F = RA Smoke Detector and CO<sub>2</sub>  
G = SA Smoke Detector and CO<sub>2</sub>  
H = RA + SA Smoke Detector and CO<sub>2</sub>  
J = Condensate Overflow Switch  
K = Condensate Overflow Switch and RA Smoke Detectors  
L = Condensate Overflow Switch and RA and SA Smoke Detectors

**Indoor Fan Options**  
1 = Standard Static Option - Belt Drive  
2 = Medium Static Option - Belt Drive  
3 = High Static Option - Belt Drive  
C = High Static Option with High Efficiency Motor- Belt Drive (size 14 only)

**Coil Options - Round Tube/Plate Fin Condenser Coil (Outdoor – Indoor – Hail Guard)**  
A = Al/Cu – Al/Cu  
B = Precoat Al/Cu – Al/Cu  
C = E-coat Al/Cu – Al/Cu  
D = E-coat Al/Cu – E-coat Al/Cu  
E = Cu/Cu – Al/Cu  
F = Cu/Cu – Cu/Cu  
M = Al/Cu – Al/Cu – Louvered Hail Guard  
N = Precoat Al/Cu – Al/Cu – Louvered Hail Guard  
P = E-coat Al/Cu – Al/Cu – Louvered Hail Guard  
Q = E-coat Al/Cu – E-coat Al/Cu – Louvered Hail Guard  
R = Cu/Cu – Al/Cu – Louvered Hail Guard  
S = Cu/Cu – Cu/Cu – Louvered Hail Guard

**Voltage**  
1 = 575/3/60  
5 = 208-230/3/60  
6 = 460/3/60

**Packaging**  
0 = Standard  
1 = LTL

**Electrical Options**  
A = None  
C = Non-Fused Disconnect  
D = Thru-The-Base Connections  
F = Non-Fused Disconnect and Thru-The-Base Connections  
G = 2-Speed Indoor Fan Controller (VFD)  
J = 2-Speed Indoor Fan Controller (VFD) and Non-Fused Disconnect  
K = 2-Speed Indoor Fan Controller (VFD) and Thru-The-Base Connections  
M = 2-Speed Indoor Fan Controller (VFD) with Non-Fused Disconnect and Thru-The-Base Connections

**Service Options**  
0 = None  
1 = Unpowered Convenience Outlet  
2 = Powered Convenience Outlet  
3 = Hinged Access Panels  
4 = Hinged Access Panels and Unpowered Convenience Outlet  
5 = Hinged Panels and Powered Convenience Outlet

**Intake / Exhaust Options**  
A = None  
B = Temperature Economizer w/ Barometric Relief  
F = Enthalpy Economizer w/ Barometric Relief  
K = 2-Position Damper  
U = Temperature Ultra Low Leak Economizer with Barometric Relief  
W = Enthalpy Ultra Low Leak Economizer with Barometric Relief

**Base Unit Controls**  
0 = Electro-mechanical Controls can be used with W7212 EconoMiSer® IV (Non-Fault Detection and Diagnostic)  
1 = PremierLink™ Controller  
2 = RTU Open Multi-Protocol Controller  
6 = Electro-mechanical w/ 2-speed fan and W7220 Economizer controller Controls. Can be used with W7220 EconoMiSer X (with Fault Detection and Diagnostic)

**Design Revision**  
- = Factory Design Revision

# Model number nomenclature



## 50TCQ UNITS MODEL NUMBER NOMENCLATURE (EXAMPLE)

Position:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Example:	5	0	T	C	Q	D	2	4	A	1	A	6	-	0	A	0	A	0

**Unit Heat Type**  
50 - Electric Heat  
Packaged Rooftop

**Model Series - WeatherMaker®**  
TC - Standard Efficiency

**Heat Options**  
Q = Heat Pump

**Refrig. Systems Options**  
D = Two stage cooling models

**Cooling Tons**  
17 - 15 ton  
24 - 20 ton

**Sensor Options**  
A = None  
B = RA Smoke Detector  
C = SA Smoke Detector  
D = RA + SA Smoke Detector  
E = CO<sub>2</sub>  
F = RA Smoke Detector and CO<sub>2</sub>  
G = SA Smoke Detector and CO<sub>2</sub>  
H = RA + SA Smoke Detector and CO<sub>2</sub>  
J = Condensate Overflow Switch (electromech. controls only)  
K = Condensate Overflow Switch and RA Smoke Detector  
L = Condensate Overflow Switch and RA + SA Smoke Detector

**Indoor Fan Options**  
1 = Standard Static Option, Vertical  
2 = Medium Static Option, Vertical  
3 = High Static Option, Vertical  
B = Medium Static, High Efficiency Motor, Vertical  
C = High Static, High Efficiency Motor, Vertical  
  
5 = Standard Static Option, Horizontal\*  
6 = Medium Static Option, Horizontal  
7 = High Static Option, Horizontal  
F = Medium Static, High Efficiency Motor, Horizontal  
G = High Static, High Efficiency Motor, Horizontal

**Coil Options (Outdoor – Indoor – Hail Guard)**  
A = Al/Cu – Al/Cu  
B = Precoat Al/Cu – Al/Cu  
C = E-coat Al/Cu – Al/Cu  
D = E-coat Al/Cu – E-coat Al/Cu  
E = Cu/Cu – Al/Cu  
F = Cu/Cu – Cu/Cu  
M = Al/Cu – Al/Cu – Louvered Hail Guard  
N = Precoat Al/Cu – Al/Cu – Louvered Hail Guard  
P = E-coat Al/Cu – Al/Cu – Louvered Hail Guard  
Q = E-coat Al/Cu – E-coat Al/Cu – Louvered Hail Guard  
R = Cu/Cu – Al/Cu – Louvered Hail Guard  
S = Cu/Cu – Cu/Cu – Louvered Hail Guard

**Packing**  
0 = Standard

**Electrical Options**  
A = None  
C = Non-Fused Disconnect  
G = 2-Speed Indoor Fan (VFD) Controller  
Standard USA models - (SAV) included  
J = 2-Speed Fan Controller (VFD) and  
Non-Fused Disconnect

**Service Options**  
0 = None  
1 = Unpowered Convenience Outlet  
2 = Powered Convenience Outlet  
3 = Hinged Panels  
4 = Hinged Panels and  
Unpowered Convenience Outlet  
5 = Hinged Panels and  
Powered Convenience Outlet

**Intake / Exhaust Options**  
A = None  
B = Temperature Economizer w/ Barometric Relief  
F = Enthalpy Economizer w/ Barometric Relief  
K = 2-Position Damper  
U = Temperature Ultra Low Leak Economizer  
w/ Barometric Relief  
V = Temperature Ultra Low Leak Economizer  
w/ PE (cent) - Vertical Air Only  
W = Enthalpy Ultra Low Leak Economizer  
w/ Barometric Relief  
X = Enthalpy Ultra Low Leak Economizer  
w/ PE (cent) - Vertical Air Only

**Base Unit Controls**  
0 = Base Electromechanical Controls (can be used  
with W7212 EconoMi\$er IV [Non-Fault Detection  
and Diagnostic])  
1 = PremierLink™ Controller  
2 = RTU Open Multi-Protocol Controller  
6 = Electromechanical with 2-Speed Fan and  
W7220 Economizer Controller (can be used with  
W7220 EconoMi\$er X [with Fault Detection and  
Diagnostic])

**Design Revision**  
- = Factory Assigned

**Voltage**  
1 = 575/3/60  
5 = 208-230/3/60  
6 = 460/3/60

\* Not available on horizontal 50TCQ 24 units.

