

Rooftop Model Nomenclature

48A	WeatherMaker Applied Gas Rooftop Units	20 – 60 Tons	1
48FC	14.0 SEER (04-06) 15.0 IEER (07) Standard Efficiency WeatherMaker Gas Package Unit	3 – 6 Tons	2
48FCG	14.0 SEER Standard Efficiency WeatherMaker Ultra Low NOx Gas Package Units	3 – 5 Tons	3
48GC	16.1 SEER High Efficiency WeatherMaster Gas Package Unit	3 – 5 Tons	4
48GCG	16 SEER High Efficiency WeatherMaster Ultra Low NOx Gas Package Units	3 – 5 Tons	5
48HC	High Efficiency WeatherMaster Gas Package Units	3 – 12.5 Tons	6
48HC	High Efficiency WeatherMaster Gas Package Units	15 – 25 Tons	7
48JC	Ultra High Efficiency WeatherExpert Gas Package Units	3 – 5 Tons	8
48JCG	Ultra High Efficiency WeatherExpert Ultra Low NOx Gas Package Units	3 – 5 Tons	9
48KC	14.0 SEER (04-06) 15.0 IEER (07) Standard Efficiency WeatherMaker Gas Package Unit	3 – 5 Tons	10
48LC	Ultra High Efficiency WeatherExpert Gas Package Units	3 – 5 Tons	11
48LC	Ultra High Efficiency WeatherExpert Gas Package Units	6 – 10 Tons	12
48LC	Ultra High Efficiency WeatherExpert Gas Package Units	12.5 – 23 Tons	13
48LC*B	Ultra High Efficiency WeatherExpert VAV Gas Package Units	6 – 10 Tons	14
48LC*B	Ultra High Efficiency WeatherExpert VAV Gas Package Units	12.5 – 23 Tons	15
48TC	Standard Efficiency Gas Package Units	6 – 15 Tons	16
48TC	Standard Efficiency Gas Package Units Vertical Units	15 – 27.5 Tons	17
48TC	Standard Efficiency Gas Package Units Horizontal Units	15 – 25 Tons	18
50A	WeatherMaker Applied Electric/Electric Rooftop Units	20 – 60 Tons	19
50FC	14.0 SEER (04-06) 15.2 IEER (07) Standard Efficiency WeatherMaker Electric Package Unit	3 – 6 Tons	20
50GC	16.1 SEER High Efficiency WeatherMaster Electric Package Unit	3 – 5 Tons	21
50HC	High Efficiency WeatherMaster Electric Package Unit	3 – 12.5 Tons	22
50HC	High Efficiency WeatherMaster Electric Package Unit	15 – 25 Tons	23
50JC	Ultra High Efficiency WeatherExpert Electric Package Unit	3 – 5 Tons	24
50KC	14.0 SEER Standard Efficiency WeatherMaker Electric Package Unit	3 – 5 Tons	25
50LC	Ultra High Efficiency WeatherExpert Electric Package Unit	3 – 5 Tons	26
50LC	Ultra High Efficiency WeatherExpert Electric Package Unit	6 – 10 Tons	27
50LC	Ultra High Efficiency WeatherExpert Electric Package Unit	12.5 – 23 Tons	28
50LC*B	Ultra High Efficiency WeatherExpert VAV Electric Package Unit	6 – 10 Tons	29
50LC*B	Ultra High Efficiency WeatherExpert VAV Electric Package Unit	12.5 – 23 Tons	30
50TC	Standard Efficiency Electric Package Units	6 – 15 Tons	31
50TC	Standard Efficiency Electric Package Vertical Units	15 – 27.5 Tons	32
50TC	Standard Efficiency Electric Package Horizontal Units	15 – 25 Tons	33
50FCQ	14.3 SEER (04-06) 15.0 IEER (07) Standard Efficiency WeatherMaker Heat Pump Unit	3 – 6 Tons	34
50GCG	16 SEER High Efficiency WeatherMaster Heat Pump Unit	3 – 5 Tons	35
50HCQ	High Efficiency WeatherMaster Heat Pump Unit	3 – 10 Tons	36
50KCQ	Standard Efficiency WeatherMaker Heat Pump Unit	3 – 5 Tons	37
50TCQ	Standard Efficiency WeatherMaker Heat Pump Unit	6 – 12.5 Tons	38
50TCQ	Standard Efficiency WeatherMaker Heat Pump Unit	15 – 20 Tons	39

Model number nomenclature



Return To Index

48A UNITS

48 – Cooling Unit with Gas Heat

Configuration
A2 – CV/SAV Vertical
A3 – VAV Vertical
A4 – CV/SAV Horizontal
A5 – VAV Horizontal
A6 – CV/SAV Vertical with Greenspeed Intelligence
A7 – VAV Vertical with Greenspeed Intelligence
A8 – CV/SAV Horizontal with Greenspeed Intelligence
A9 – VAV Horizontal with Greenspeed Intelligence

Heat Options
D – Low Gas Heat
E – High Gas Heat
F – Low Gas Heat with Humidi-MiZer
G – High Gas Heat with Humidi-MiZer
M – Low Gas Heat Stainless
N – High Gas Heat Stainless
S – Staged Low Gas Heat Stainless
T – Staged High Gas Heat Stainless
V – Staged Low Gas Heat Stainless with Humidi-MiZer
W – Staged High Gas Heat Stainless with Humidi-MiZer

Unit Size - Nominal Tons
020 – 20
025 – 25
027 – 27
030 – 30
035 – 35
040 – 40
050 – 50
060 – 60

Control Options
 – No Features
A – Controls Expansion Module with Phase Monitor
B – CO₂ Sensor
C – Smoke Detector
D – CO₂ Sensor and Smoke Detector
E – Plugged Filter Indicator and Lube Lines
F – Plugged Filter Indicator, Lube Lines and CO₂ Sensor
G – Plugged Filter Indicator, Lube Lines and Smoke Detector
H – Plugged Filter Indicator, Lube Lines, CO₂ Sensor and Smoke Detector
J – CO₂ Sensor with Controls Expansion Module and Phase Monitor
K – Smoke Detector with Controls Expansion Module and Phase Monitor
L – CO₂ Sensor and Smoke Detector with Controls Expansion Module and Phase Monitor
M – Plugged Filter Indicator and Lube Lines with Controls Expansion Module and Phase Monitor
N – Plugged Filter Indicator, Lube Lines and CO₂ Sensor with Controls Expansion Module and Phase Monitor
P – Plugged Filter Indicator, Lube Lines and Smoke Detector with Controls Expansion Module and Phase Monitor
Q – Plugged Filter Indicator, Lube Lines, CO₂ Sensor and Smoke Detector with Controls Expansion Module and Phase Monitor

LEGEND

- Al** — Aluminum
- Cu** — Copper
- CV** — Constant Volume
- MCHX** — Microchannel Heat Exchanger
- SAV** — Staged Air Volume
- VAV** — Variable Air Volume
- VFDB** — Variable Frequency Drive Bypass

NOTES:

1. VAV and SAV models are equipped with a supply fan motor variable frequency drive (VFD).
2. All indoor fan motors meet the minimum efficiency requirements as established by the Energy Independence and Security Act (EISA) 2007.

Factory-Installed Options
 Refer to price pages for available option codes.

Packaging/Communication

- 1 – Domestic
- 3 – Export
- A** – Domestic with BACnet Communication Option
- C** – Export with BACnet Communication Option

Design Series

- 4 – A Series

Voltage

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

Coil Options

- Al/Cu Cond, Al/Cu Evap
- A** – Al/Cu Cond, Al/Cu Evap with Digital Compressor
- B** – Cu/Cu Cond, Al/Cu Evap with Digital Compressor
- C** – Cu/Cu Cond, Al/Cu Evap
- D** – Al/Cu Cond Precoat, Al/Cu Evap with Digital Compressor
- E** – Al/Cu Cond Precoat, Al/Cu Evap
- F** – E-coated Al/Cu, Al/Cu Evap
- G** – MCHX Cond, Al/Cu Evap
- H** – E-coated MCHX Cond, Al/Cu Evap
- J** – MCHX Cond with Coil Grilles, Al/Cu Evap
- K** – E-coated MCHX Cond with Coil Grilles, Al/Cu Evap
- L** – E-coated Al/Cu Cond, Al/Cu Evap with Digital Compressor
- M** – MCHX Cond, Al/Cu Evap with Digital Compressor
- N** – E-coated MCHX Cond, Al/Cu Evap with Digital Compressor
- P** – MCHX Cond with Coil Grilles, Al/Cu Evap with Digital Compressor
- Q** – Al/Cu Cond, Al/Cu Evap with Hot Gas Bypass
- R** – Cu/Cu Cond, Al/Cu Evap with Hot Gas Bypass
- S** – Al/Cu Cond Precoat, Al/Cu Evap with Hot Gas Bypass
- T** – E-coated Al/Cu, Al/Cu Evap with Hot Gas Bypass
- V** – MCHX Cond, Al/Cu Evap with Hot Gas Bypass (No Humidizer)
- W** – E-coated MCHX Cond, Al/Cu Evap with Hot Gas Bypass (No Humidizer)
- X** – MCHX Cond with Coil Grilles, Al/Cu Evap with Hot Gas Bypass (No Humidizer)
- Y** – E-coated MCHX Cond with Coil Grilles, Al/Cu Evap with Hot Gas Bypass (No Humidizer)
- Z** – E-coated MCHX Cond with Coil Grilles, Al/Cu Evap with Digital Compressor
- 2 – E-coated Al/Cu Cond, Al/Cu E-Coat Evap
- 3 – E-coated MCHX Cond, Al/Cu E-Coat Evap
- 4 – E-coated MCHX Cond with Coil Grilles, Al/Cu E-Coat Evap
- 5 – E-coated Al/Cu Cond, Al/Cu E-Coat Evap with Digital Compressor
- 6 – E-coated MCHX Cond, Al/Cu E-Coat Evap with Digital Compressor
- 7 – E-coated MCHX Cond with Coil Grilles, Al/Cu E-Coat Evap with Digital Compressor

Motor Options

No VFD	VFDB	VFD
A – 5 HP	J – 5 HP	L – 5 HP
C – 10 HP	1 – 10 HP	N – 10 HP
D – 15 HP	2 – 15 HP	P – 15 HP
E – 20 HP	3 – 20 HP	Q – 20 HP
F – 25 HP	4 – 25 HP	R – 25 HP
G – 30 HP	5 – 30 HP	S – 30 HP
H – 40 HP	6 – 40 HP	T – 40 HP

Quality Assurance

ISO 9001:2015-certified processes



When equipped with SAV™ or VAV supply fan

All units with SAV™, VAV, or CV with Greenspeed®



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 Heat¹
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 Models¹
B = Standard One Stage Cooling Models with Humidi-MiZer® system^{1,3}
M = Single Circuit, Two Stage Cooling²
N = Single Circuit, Two Stage Cooling with Humidi-MiZer system^{2,3}

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 = CO₂ Sensor
F = RA Smoke Detector and CO₂ Sensor
G = SA Smoke Detector and CO₂ Sensor
H = RA + SA Smoke Detector and CO₂ 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 Damper¹
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 = 208-230/1/60¹
5 = 208-230/3/60
6 = 460/3/60

¹ Size 04/05/06 models only
² Size 07 models only
³ 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



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 = CO₂ Sensor
F = RA Smoke Detector and CO₂ Sensor
G = SA Smoke Detector and CO₂ Sensor
H = RA and SA Smoke Detectors plus CO₂ 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 CO₂ Sensor
P = Condensate Overflow Switch plus CO₂ Sensor and RA Smoke Detector
Q = Condensate Overflow Switch plus CO₂ Sensor and SA Smoke Detector
R = Condensate Overflow Switch plus CO₂ 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



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 = CO₂
F = RA Smoke Detector and CO₂
G = SA Smoke Detector and CO₂
H = RA + SA Smoke Detector and CO₂
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



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 = CO₂ Sensor
F = RA Smoke Detector and CO₂ Sensor
G = SA Smoke Detector and CO₂ Sensor
H = RA and SA Smoke Detectors plus CO₂ 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 CO₂ Sensor
P = Condensate Overflow Switch plus CO₂ Sensor and RA Smoke Detector
Q = Condensate Overflow Switch plus CO₂ Sensor and SA Smoke Detector
R = Condensate Overflow Switch plus CO₂ 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 Breaker¹
C = Non-Fused Disconnect (NFD)²
D = Thru-The-Base Connections
E = HACR Breaker and Thru-The-Base Connections¹
F = Non-Fused Disconnect and Thru-The-Base Connections²
N = Phase Monitor/Protection
P = Phase Monitor/Protection and HACR Breaker¹
Q = Phase Monitor/Protection and NFD²
R = Phase Monitor/Protection and Thru-The-Base
S = Phase Monitor/Protection, HACR Breaker, and Thru-The-Base¹
T = Phase Monitor/Protection, NFD, and Thru-The-Base²

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

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

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



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 = CO₂
 F = RA Smoke Detector and CO₂
 G = SA Smoke Detector and CO₂
 H = RA + SA Smoke Detector and CO₂
 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.

Model number nomenclature

Return To Index



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 = CO₂ Sensor
 F = RA Smoke Detector and CO₂
 G = SA Smoke Detector and CO₂
 H = RA + SA Smoke Detector and CO₂
 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.





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 = CO₂
- F = RA Smoke Detector and CO₂
- G = SA Smoke Detector and CO₂
- H = RA + SA Smoke Detector and CO₂
- 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 CO₂
- P = Condensate Overflow Switch w/ CO₂ + RA Smoke Detector
- Q = Condensate Overflow Switch w/ CO₂ + SA Smoke Detector
- R = Condensate Overflow Switch w/ CO₂ + 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



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 = CO₂
F = RA Smoke Detector and CO₂
G = SA Smoke Detector and CO₂
H = RA + SA Smoke Detector and CO₂
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 CO₂
P = Condensate Overflow Switch w/ CO₂ + RA Smoke Detector
Q = Condensate Overflow Switch w/ CO₂ + SA Smoke Detector
R = Condensate Overflow Switch w/ CO₂ + 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

Return To Index



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 = CO₂
- F = RA Smoke Detector and CO₂
- G = SA Smoke Detector and CO₂
- H = RA + SA Smoke Detector and CO₂

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.



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 = CO₂
F = RA Smoke Detector and CO₂
G = SA Smoke Detector and CO₂
H = RA + SA Smoke Detector and CO₂
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.

Model number nomenclature

Return To Index



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 = CO₂
 F = RA Smoke Detector and CO₂
 G = SA Smoke Detector and CO₂
 H = RA and SA Smoke Detector and CO₂
 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 = CO₂
 F = RA Smoke Detector and CO₂
 G = SA Smoke Detector and CO₂
 H = RA + SA Smoke Detector and CO₂

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

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 = CO₂
- F = RA Smoke Detector and CO₂
- G = SA Smoke Detector and CO₂
- H = RA + SA Smoke Detector and CO₂

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)¹

- 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

¹Vertical 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 = CO₂
- F = RA Smoke Detector and CO₂
- G = SA Smoke Detector and CO₂
- H = RA + SA Smoke Detector and CO₂

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

Return To Index



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 = CO₂
F = RA Smoke Detector and CO₂
G = SA Smoke Detector and CO₂
H = RA + SA Smoke Detector and CO₂
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.





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 = CO₂
F = RA Smoke Detector and CO₂
G = SA Smoke Detector and CO₂
H = RA + SA Smoke Detector and CO₂
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

Return To Index



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 = CO₂
F = RA Smoke Detector and CO₂
G = SA Smoke Detector and CO₂
H = RA + SA Smoke Detector and CO₂
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



Model number nomenclature (cont)

Return To Index



50A UNITS

50 – Cooling Unit

Configuration
A2 – CV/SAV Vertical
A3 – VAV Vertical
A4 – CV/SAV Horizontal
A5 – VAV Horizontal
A6 – CV/SAV Vertical with Greenspeed Intelligence
A7 – VAV Vertical with Greenspeed Intelligence
A8 – CV/SAV Horizontal with Greenspeed Intelligence
A9 – VAV Horizontal with Greenspeed Intelligence

Heat Options
 - – No heat
B – 36/27 kW
C – 72/54 kW
D – 54/42 kW
E – 108/81 kW
F – No heat with Humidi-MiZer
G – 36/27 kW with Humidi-MiZer
H – 72/54 kW with Humidi-MiZer
J – 54/42 kW with Humidi-MiZer
K – 108/81 kW with Humidi-MiZer

Unit Size - Nominal Tons
020 – 20
025 – 25
027 – 27
030 – 30
035 – 35
040 – 40
050 – 50
060 – 60

Control Options
 - – No Features
A – Controls Expansion Module with Phase Monitor
B – CO₂ Sensor without Controls Expansion Module
C – Smoke Detector
D – CO₂ Sensor and Smoke Detector
E – Plugged Filter Indicator and Lube Lines
F – Plugged Filter Indicator, Lube Lines and CO₂ Sensor
G – Plugged Filter Indicator, Lube Lines and Smoke Detector
H – Plugged Filter Indicator, Lube Lines, CO₂ Sensor and Smoke Detector
J – CO₂ Sensor with Controls Expansion Module and Phase Monitor
K – Smoke Detector with Controls Expansion Module and Phase Monitor
L – CO₂ Sensor and Smoke Detector with Controls Expansion Module and Phase Monitor
M – Plugged Filter Indicator and Lube Lines with Controls Expansion Module and Phase Monitor
N – Plugged Filter Indicator, Lube Lines and CO₂ Sensor with Controls Expansion Module and Phase Monitor
P – Plugged Filter Indicator, Lube Lines and Smoke Detector with Controls Expansion Module and Phase Monitor
Q – Plugged Filter Indicator, Lube Lines, CO₂ Sensor and Smoke Detector with Controls Expansion Module and Phase Monitor

Factory-Installed Options
 Refer to price pages for available option codes.

Packaging/Communication
1 – Domestic
3 – Export
A – Domestic with BACnet Communication Option
C – Export with BACnet Communication Option

Design Series
4 – A Series

Voltage
1 – 575-3-60
2 – 380-3-60
5 – 208/230-3-60
6 – 460-3-60

Coil Options
 - – Al/Cu Cond, Al/Cu Evap
A – Al/Cu Cond, Al/Cu Evap with Digital Compressor
B – Cu/Cu Cond, Al/Cu Evap with Digital Compressor
C – Cu/Cu Cond, Al/Cu Evap
D – Al/Cu Cond Precoat, Al/Cu Evap with Digital Compressor
E – Al/Cu Cond Precoat, Al/Cu Evap
F – E-coated Al/Cu, Al/Cu Evap
G – MCHX Cond, Al/Cu Evap
H – E-coated MCHX Cond, Al/Cu Evap
J – MCHX Cond with Coil Grilles, Al/Cu Evap
K – E-coated MCHX Cond with Coil Grilles, Al/Cu Evap
L – E-coated Al/Cu Cond, Al/Cu Evap with Digital Compressor
M – MCHX Cond, Al/Cu Evap with Digital Compressor
N – E-coated MCHX Cond, Al/Cu Evap with Digital Compressor
P – MCHX Cond with Coil Grilles, Al/Cu Evap with Digital Compressor
Q – Al/Cu Cond, Al/Cu Evap with Hot Gas Bypass
R – Cu/Cu Cond, Al/Cu Evap with Hot Gas Bypass
S – Al/Cu Cond Precoat, Al/Cu Evap with Hot Gas Bypass
T – E-coated Al/Cu, Al/Cu Evap with Hot Gas Bypass
V – MCHX Cond, Al/Cu Evap with Hot Gas Bypass (No Humidizer)
W – E-coated MCHX Cond, Al/Cu Evap with Hot Gas Bypass (No Humidizer)
X – MCHX Cond with Coil Grilles, Al/Cu Evap with Hot Gas Bypass (No Humidizer)
Y – E-coated MCHX Cond with Coil Grilles, Al/Cu Evap with Hot Gas Bypass (No Humidizer)
Z – E-coated MCHX Cond with Coil Grilles, Al/Cu Evap with Digital Compressor
2 – E-coated Al/Cu Cond, Al/Cu E-Coat Evap
3 – E-coated MCHX Cond, Al/Cu E-Coat Evap
4 – E-coated MCHX Cond with Coil Grilles, Al/Cu E-Coat Evap
5 – E-coated Al/Cu Cond, Al/Cu E-Coat Evap with Digital Compressor
6 – E-coated MCHX Cond, Al/Cu E-Coat Evap with Digital Compressor
7 – E-coated MCHX Cond with Coil Grilles, Al/Cu E-Coat Evap with Digital Compressor

Motor Options

No VFD		VFDB		VFD	
A – 5 HP	J – 5 HP	L – 5 HP			
C – 10 HP	1 – 10 HP	N – 10 HP			
D – 15 HP	2 – 15 HP	P – 15 HP			
E – 20 HP	3 – 20 HP	Q – 20 HP			
F – 25 HP	4 – 25 HP	R – 25 HP			
G – 30 HP	5 – 30 HP	S – 30 HP			
H – 40 HP	6 – 40 HP	T – 40 HP			

LEGEND

Al — Aluminum
Cu — Copper
CV — Constant Volume
MCHX — Microchannel Heat Exchanger
SAV — Staged Air Volume
VAV — Variable Air Volume
VFDB — Variable Frequency Drive Bypass

NOTES:

1. VAV and SAV models are equipped with a supply fan motor variable frequency drive (VFD).
2. All indoor fan motors meet the minimum efficiency requirements as established by the Energy Independence and Security Act (EISA) 2007.

Quality Assurance

ISO 9001:2015-certified processes



When equipped with SAV™ or VAV supply fan

All units with SAV™, VAV, or CV with Greenspeed®



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 Models¹
B = Standard One Stage Cooling Models with Humidi-MiZer® system^{1,3}
M = Single Circuit, Two Stage Cooling²
N = Single Circuit, Two Stage Cooling with Humidi-MiZer system^{2,3}

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 = CO₂ Sensor
F = RA Smoke Detector and CO₂ Sensor
G = SA Smoke Detector and CO₂ Sensor
H = RA + SA Smoke Detector and CO₂ 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 Damper¹
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

¹ Size 04/05/06 models only

² Size 07 models only

³ 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)

Return To Index



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 = CO₂
F = RA Smoke Detector and CO₂
G = SA Smoke Detector and CO₂
H = RA + SA Smoke Detector and CO₂
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



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 = CO₂
F = RA Smoke Detector and CO₂
G = SA Smoke Detector and CO₂
H = RA + SA Smoke Detector and CO₂
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

Return To Index



50HC MODEL NUMBER NOMENCLATURE (EXAMPLE)

50 HC - D 24 A 3 A 5 - 0 A 0 A 0

Unit Heat Type

50 - Electric Heat Packaged Rooftop

Model Series - WeatherMaster®

HC - High Efficiency

Electric Heat Options

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

Refrig. Systems Options

D = Two stage cooling models
 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 = CO₂
 F = RA Smoke Detector and CO₂
 G = SA Smoke Detector and CO₂
 H = RA + SA Smoke Detector and CO₂
 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
 G = 2-Speed Indoor Fan (VFD) Controller
 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 & 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

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
 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 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

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 50HCX 15 to 25 Ton Price Pages for more details.

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



Model number nomenclature (cont)

Return To Index



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 = CO₂
F = RA Smoke Detector and CO₂
G = SA Smoke Detector and CO₂
H = RA + SA Smoke Detector and CO₂
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 CO₂
P = Condensate Overflow Switch w/ CO₂ + RA Smoke Detector
Q = Condensate Overflow Switch w/ CO₂ + SA Smoke Detector
R = Condensate Overflow Switch w/ CO₂ + 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

Return To Index



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 = CO₂
F = RA Smoke Detector and CO₂
G = SA Smoke Detector and CO₂
H = RA + SA Smoke Detector and CO₂
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

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 = CO₂
F = RA Smoke Detector and CO₂
G = SA Smoke Detector and CO₂
H = RA + SA Smoke Detector and CO₂
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

Return To Index



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 = CO₂
F = RA Smoke Detector and CO₂
G = SA Smoke Detector and CO₂
H = RA + SA Smoke Detector and CO₂
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

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 = CO₂ sensor
 F = RA smoke detector & CO₂
 G = SA smoke detector & CO₂
 H = RA & SA smoke detector & CO₂

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

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™ Controllor*

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

* 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.



Model number nomenclature

Return To Index



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 = CO₂
F = RA Smoke Detector and CO₂
G = SA Smoke Detector and CO₂
H = RA + SA Smoke Detector and CO₂

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)¹

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

¹Vertical 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:	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 = CO₂
F = RA Smoke Detector and CO₂
G = SA Smoke Detector and CO₂
H = RA + SA Smoke Detector and CO₂

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

Return To Index



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 Al/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 = CO₂ Sensor
- F = RA Smoke Detector and CO₂ Sensor
- G = SA Smoke Detector and CO₂ Sensor
- H = RA + SA Smoke Detector and CO₂ 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 = 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
- 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

Return To Index



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 = CO₂
F = RA Smoke Detector and CO₂
G = SA Smoke Detector and CO₂
H = RA + SA Smoke Detector and CO₂

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

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 = CO₂

F = RA Smoke Detector and CO₂

G = SA Smoke Detector and CO₂

H = RA + SA Smoke Detector and CO₂

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.



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 = CO₂ Sensor
F = RA Smoke Detector and CO₂ Sensor
G = SA Smoke Detector and CO₂ Sensor
H = RA + SA Smoke Detector and CO₂ 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 EconoMi\$er® IV (Non-Fault Detection and Diagnostic)
2 = RTU Open Multi-Protocol Controller
3 = SystemVu™ Controls
6 = Electro-mechanical 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:

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



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 = CO₂
F = RA Smoke Detector and CO₂
G = SA Smoke Detector and CO₂
H = RA + SA Smoke Detector and CO₂
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:
- Coated Coils or Cu Fin Coils
- Louvered Hail Guards
- Economizer
- Powered 115 Volt Convenience Outlet

Model number nomenclature

Return To Index



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 = CO₂
F = RA Smoke Detector and CO₂
G = SA Smoke Detector and CO₂
H = RA + SA Smoke Detector and CO₂
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





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 = CO₂
F = RA Smoke Detector and CO₂
G = SA Smoke Detector and CO₂
H = RA + SA Smoke Detector and CO₂
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

Return To Index



- 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 = CO₂
F = RA Smoke Detector and CO₂
G = SA Smoke Detector and CO₂
H = RA + SA Smoke Detector and CO₂
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

Return To Index



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 = CO₂
F = RA Smoke Detector and CO₂
G = SA Smoke Detector and CO₂
H = RA + SA Smoke Detector and CO₂
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™ Controllor
2 = RTU Open Multi-Protocol Controllor
6 = Electromechanical with 2-Speed Fan and
W7220 Economizer Controllor (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.

