



V-SERIES™

EWC

FORM NO. EWC-100 (06/2017)

FEATURES

- Standard and High Efficiency cooling
- Completely self-contained heating and cooling package
 - Microban® Anti-microbial evaporator drain pan
 - No outside condensing unit
 - No external refrigerant lines
 - No separate indoor cooling coil
- Pre-wired and pre-charged
- Individually metered and controlled
- Self-contained, replaceable, slide-out cooling chassis

REFRIGERANT SYSTEM

- High efficiency compressor
- Copper tubing with enhanced fin coils

BLOWER

- Multispeed motor for wide airflow range
- ECM blower motor in high efficiency units, PSC blower motor in standard efficiency models
- Dynamically balanced blower with resilient motor mounts for smooth and quiet operation
- Internal filter is standard (optional MERV8)

CONTROLS

- Color coded wiring for easy service

INSTALLATION

- Plug & Play like features

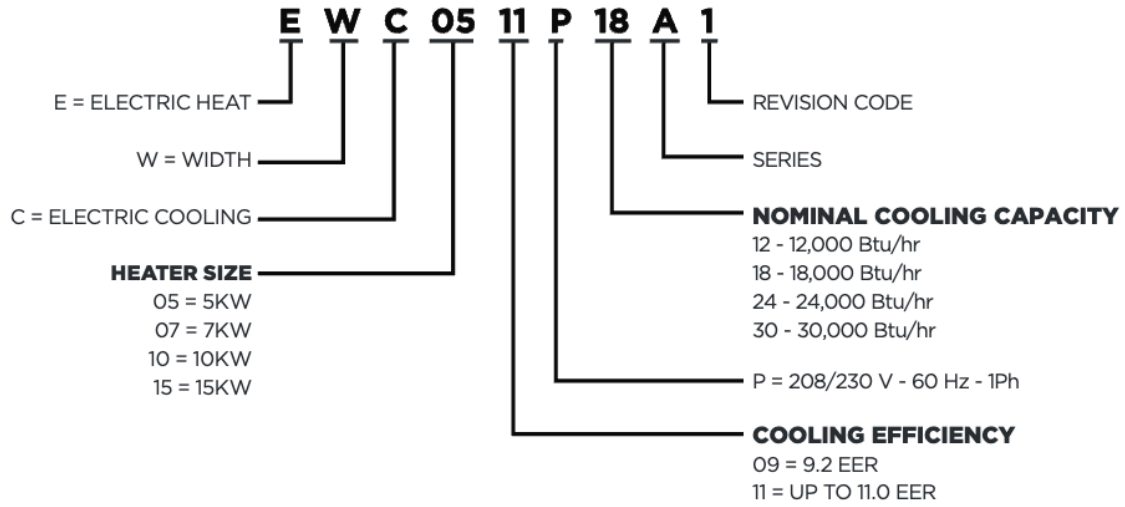
WARRANTY

- 5 year limited warranty on all parts

EWC MODEL UNITS
ELECTRIC HEATING / ELECTRIC COOLING
PACKAGED UNITS



MODEL NUMBER GUIDE



ELECTRICAL AND PHYSICAL DATA

| Model No. | Voltage/Hz/Phase | Voltage Range | | Min. Ckt. Ampacity | | Maximum Fuse Size | | | | Compressor | | Outside Fan | | | | Indoor Blower | | | R410A CHARGE | |
|------------|------------------|---------------|--------------|--------------------|------|-------------------|------|------|------|------------|------|-----------------|-------------------|------|-------------|-----------------|----------|-------------------|--------------|-----------------|
| | | | | CKT1 | | CKT2 | | CKT1 | | CKT2 | | Rated Load Amps | Locked Rotor Amps | Dia | Nominal RPM | Rated Load Amps | HP | Wheel Dia x Width | | Rated Load Amps |
| | | 208V | 240V | 208V | 240V | 208V | 240V | 208V | 240V | | | | | | | | | | | |
| EWC0509P12 | 208-230/60/1 | 197-253 | 23.3 | 26.6 | N/A | N/A | 25 | 30 | N/A | N/A | 4.9 | 27.0 | 18.0 | 1075 | 0.9 | 1/8 | 10 x 4.5 | 1.3 | 1/6 | 43 |
| EWC0709P12 | | | 34.1 | 39.1 | | | 35 | 40 | | | | | | | | | | 1.3 | | 43 |
| EWC0509P18 | | | 24.2 | 27.5 | | | 25 | 30 | | | | | | | | | | 2 | 1/3 | 51 |
| EWC0709P18 | | | 35.0 | 40.0 | 35 | 45 | | | | | | | | | | | | | | |
| EWC1009P18 | | | 45.8 | 52.5 | 50 | 60 | 8.5 | 38.0 | 1.6 | 1/4 | 56 | | | | | | | | | |
| EWC1009P24 | | | 45.8 | 52.5 | 50 | 60 | | | | | | | | | | | | | | |
| EWC1509P24 | | | 24.2 | 27.5 | 45.8 | 53.1 | 25 | 30 | 50 | 60 | 13.1 | 74.0 | 1.4 | 63 | | | | | | |
| EWC1009P30 | | | 45.1 | 51.8 | N/A | N/A | 50 | 60 | N/A | N/A | | | | | | | | | | |
| EWC1509P30 | | | 23.4 | 26.8 | 45.1 | 51.8 | 25 | 30 | 50 | 60 | | | | | | | | | | |
| EWC0511P12 | | | 208-230/60/1 | 197-253 | 22.1 | 25.5 | N/A | N/A | 25 | 30 | N/A | N/A | 4.9 | 27.0 | 18.0 | 1075 | | 0.9 | 1/8 | 10 x 4.5 |
| EWC0711P12 | 33.0 | 38.0 | | | 35 | 40 | | | 0.7 | 54 | | | | | | | | | | |
| EWC0511P18 | 22.5 | 25.9 | | | 25 | 30 | | | 8.5 | 38.0 | | | | | | | 1.6 | | | |
| EWC0711P18 | 33.4 | 38.4 | | | 35 | 40 | | | | | | | | | | | | | | |
| EWC1011P18 | 44.3 | 50.9 | | | 45 | 60 | | | | | | | | | | | | | | |
| EWC1011P24 | 45.1 | 51.8 | | | 50 | 60 | | | | | | | | | | | | | | |
| EWC1511P24 | 23.4 | 26.8 | | | 45.1 | 51.8 | 25 | 30 | 50 | 60 | | | | | | | | | | |

PERFORMANCE

| Model | Indoor Temp DB/WB °F | Outdoor Temperature - DB °F | | | | | | | | | | | | | | |
|---------------------|----------------------|-----------------------------|------|------|-------|------|------|-------|------|------|-------|------|------|-------|------|------|
| | | 65 | | | 85 | | | 95 | | | 105 | | | 115 | | |
| | | Btuh | S/T | kW | Btuh | S/T | kW | Btuh | S/T | kW | Btuh | S/T | kW | Btuh | S/T | kW |
| EWC8R24/3609P12A | 85/72 | 16800 | 0.54 | 1.00 | 15400 | 0.57 | 1.13 | 13900 | 0.61 | 1.25 | 12500 | 0.64 | 1.38 | 11000 | 0.67 | 1.50 |
| | 80/67 | 15500 | 0.62 | 1.00 | 13800 | 0.67 | 1.13 | 12100 | 0.72 | 1.26 | 10500 | 0.76 | 1.37 | 8800 | 0.80 | 1.48 |
| | 75/63 | 14400 | 0.66 | 1.00 | 12800 | 0.69 | 1.13 | 11100 | 0.72 | 1.26 | 9600 | 0.78 | 1.37 | 8100 | 0.84 | 1.47 |
| | 75/57 | 12300 | 1.00 | 1.00 | 11000 | 1.00 | 1.13 | 9900 | 0.99 | 1.26 | 8800 | 0.99 | 1.37 | 7600 | 0.99 | 1.47 |
| EWC8R36/48/6009P18A | 85/72 | 22400 | 0.56 | 1.41 | 21000 | 0.60 | 1.60 | 19600 | 0.63 | 1.78 | 18000 | 0.67 | 1.89 | 16400 | 0.70 | 1.99 |
| | 80/67 | 21200 | 0.64 | 1.40 | 19300 | 0.70 | 1.72 | 17300 | 0.75 | 2.04 | 15600 | 0.80 | 2.04 | 13900 | 0.85 | 2.04 |
| | 75/63 | 19600 | 0.69 | 1.40 | 17900 | 0.74 | 1.58 | 16200 | 0.79 | 1.76 | 14400 | 0.84 | 1.90 | 12600 | 0.88 | 2.03 |
| | 75/57 | 16800 | 1.00 | 1.40 | 15600 | 1.00 | 1.58 | 14300 | 1.00 | 1.75 | 13000 | 1.00 | 1.90 | 11600 | 1.00 | 2.05 |
| EWC8R36/48/6009P24A | 85/72 | 28000 | 0.57 | 1.81 | 25900 | 0.62 | 2.07 | 23700 | 0.66 | 2.32 | 21700 | 0.70 | 2.52 | 19600 | 0.74 | 2.72 |
| | 80/67 | 26500 | 0.66 | 1.81 | 24500 | 0.70 | 2.08 | 22500 | 0.74 | 2.34 | 19800 | 0.80 | 2.52 | 17000 | 0.86 | 2.70 |
| | 75/63 | 24700 | 0.71 | 1.82 | 22300 | 0.76 | 2.06 | 19900 | 0.80 | 2.29 | 17600 | 0.86 | 2.48 | 15300 | 0.91 | 2.67 |
| | 75/57 | 22400 | 1.00 | 1.84 | 20500 | 1.00 | 2.09 | 18500 | 1.00 | 2.33 | 16700 | 1.00 | 2.53 | 14800 | 1.00 | 2.73 |
| EWC8R48/6009P30A | 85/72 | 38500 | 0.55 | 2.56 | 35100 | 0.57 | 2.82 | 31700 | 0.58 | 3.08 | 28800 | 0.61 | 3.23 | 25900 | 0.63 | 3.37 |
| | 80/67 | 36000 | 0.62 | 2.50 | 32000 | 0.64 | 2.74 | 28000 | 0.66 | 2.98 | 25300 | 0.69 | 3.10 | 22500 | 0.72 | 3.22 |
| | 75/63 | 33200 | 0.65 | 2.46 | 29300 | 0.68 | 2.67 | 25400 | 0.70 | 2.88 | 22500 | 0.74 | 3.01 | 19600 | 0.77 | 3.13 |
| | 75/57 | 30600 | 1.00 | 2.50 | 24200 | 1.00 | 2.67 | 21900 | 1.00 | 2.81 | 19700 | 1.00 | 2.95 | 17400 | 1.00 | 3.08 |
| EWC9N22/3311P12A | 85/72 | 17200 | 0.57 | 0.93 | 16100 | 0.60 | 1.07 | 14900 | 0.62 | 1.21 | 14000 | 0.64 | 1.33 | 13000 | 0.66 | 1.44 |
| | 80/67 | 16100 | 0.65 | 0.93 | 14600 | 0.68 | 1.06 | 13000 | 0.70 | 1.18 | 12400 | 0.73 | 1.30 | 11700 | 0.75 | 1.42 |
| | 75/63 | 15100 | 0.68 | 0.93 | 14000 | 0.71 | 1.06 | 12800 | 0.73 | 1.19 | 11600 | 0.77 | 1.30 | 10300 | 0.81 | 1.40 |
| | 75/57 | 12400 | 1.00 | 0.91 | 12000 | 1.00 | 1.05 | 11600 | 0.99 | 1.18 | 11200 | 0.98 | 1.32 | 9700 | 0.97 | 1.45 |
| EWC9N33/44/5511P18A | 85/72 | 24000 | 0.58 | 1.31 | 22100 | 0.60 | 1.49 | 20100 | 0.62 | 1.67 | 18500 | 0.65 | 1.81 | 16900 | 0.67 | 1.95 |
| | 80/67 | 22200 | 0.65 | 1.31 | 20300 | 0.69 | 1.49 | 18400 | 0.72 | 1.66 | 16900 | 0.75 | 1.80 | 15300 | 0.77 | 1.93 |
| | 75/63 | 20600 | 0.70 | 1.31 | 18800 | 0.73 | 1.48 | 17000 | 0.75 | 1.64 | 15500 | 0.79 | 1.78 | 14000 | 0.82 | 1.91 |
| | 75/57 | 18000 | 1.00 | 1.30 | 16700 | 1.00 | 1.47 | 15300 | 1.00 | 1.63 | 14000 | 1.00 | 1.76 | 12700 | 1.00 | 1.89 |
| EWC9N33/44/5511P24A | 85/72 | 29400 | 0.58 | 1.76 | 27300 | 0.60 | 2.01 | 25200 | 0.62 | 2.25 | 23200 | 0.65 | 2.43 | 21200 | 0.67 | 2.60 |
| | 80/67 | 27600 | 0.65 | 1.76 | 24800 | 0.71 | 1.96 | 22000 | 0.76 | 2.16 | 20600 | 0.77 | 2.37 | 19100 | 0.78 | 2.57 |
| | 75/63 | 26000 | 0.68 | 1.77 | 23800 | 0.72 | 2.00 | 21500 | 0.76 | 2.22 | 19000 | 0.80 | 2.39 | 16400 | 0.84 | 2.55 |
| | 75/57 | 22300 | 1.00 | 1.76 | 20400 | 1.00 | 1.98 | 18500 | 1.00 | 2.20 | 17000 | 1.00 | 2.36 | 15400 | 1.00 | 2.52 |
| EWC9N44/5511P30A | 85/72 | 38500 | 0.55 | 2.56 | 35100 | 0.57 | 2.82 | 31700 | 0.58 | 3.08 | 28800 | 0.61 | 3.23 | 25900 | 0.63 | 3.37 |
| | 80/67 | 36000 | 0.62 | 2.50 | 32100 | 0.65 | 2.76 | 28100 | 0.68 | 3.01 | 25300 | 0.70 | 3.12 | 22500 | 0.72 | 3.22 |
| | 75/63 | 33200 | 0.65 | 2.46 | 29300 | 0.68 | 2.67 | 25400 | 0.70 | 2.88 | 22500 | 0.74 | 3.01 | 19600 | 0.77 | 3.13 |
| | 75/57 | 30600 | 1.00 | 2.50 | 24200 | 1.00 | 2.67 | 21900 | 1.00 | 2.81 | 19700 | 1.00 | 2.95 | 17400 | 1.00 | 3.08 |

PERFORMANCE

| Model | Cooling | | | | Heating | | | |
|------------|---------|------|------|-----|---------|--------|-------|--------|
| | Btuh | EER | S/T | CFM | 240V | | 208V | |
| | | | | | kW/Hr | Btu/Hr | kW/Hr | Btu/Hr |
| EWC0509P12 | 11,800 | 9.2 | 0.72 | 425 | 4.8 | 16,300 | 3.6 | 12,300 |
| EWC0709P12 | | | | | 7.2 | 24,600 | 5.4 | 18,400 |
| EWC0509P18 | 17,000 | 9.2 | 0.75 | 625 | 4.8 | 16,300 | 3.6 | 12,300 |
| EWC0709P18 | | | | | 7.2 | 24,600 | 5.4 | 18,400 |
| EWC1009P18 | | | | | 9.6 | 32,700 | 7.2 | 24,600 |
| EWC1009P24 | 22,000 | 9.2 | 0.74 | 800 | 9.6 | 32,700 | 7.2 | 24,600 |
| EWC1509P24 | | | | | 14.4 | 49,100 | 10.8 | 36,900 |
| EWC1009P30 | 27,600 | 9.2 | 0.68 | 800 | 9.6 | 32,700 | 7.2 | 24,600 |
| EWC1509P30 | | | | | 14.4 | 49,100 | 10.8 | 36,900 |
| EWC0511P12 | 11,800 | 11.0 | 0.70 | 425 | 4.8 | 16,300 | 3.6 | 12,300 |
| EWC0711P12 | | | | | 7.2 | 24,600 | 5.4 | 18,400 |
| EWC0511P18 | 17,400 | 11.0 | 0.74 | 625 | 4.8 | 16,300 | 3.6 | 12,300 |
| EWC0711P18 | | | | | 7.2 | 24,600 | 5.4 | 18,400 |
| EWC1011P18 | | | | | 9.6 | 32,700 | 7.2 | 24,600 |
| EWC1011P24 | 22,000 | 10.0 | 0.73 | 800 | 9.6 | 32,700 | 7.2 | 24,600 |
| EWC1511P24 | | | | | 14.4 | 49,100 | 10.8 | 36,900 |

OUTDOOR SOUND RATINGS

| Model | Sound Rating (dBA) |
|------------|--------------------|
| EWC0509P12 | 76 |
| EWC0709P12 | |
| EWC0509P18 | 76 |
| EWC0709P18 | |
| EWC1009P18 | |
| EWC1009P24 | 80 |
| EWC1509P24 | |
| EWC1009P30 | 80 |
| EWC1509P30 | |
| EWC0511P12 | 76 |
| EWC0711P12 | |
| EWC0511P18 | 80 |
| EWC0711P18 | |
| EWC1011P18 | |
| EWC1011P24 | 80 |
| EWC1511P24 | |

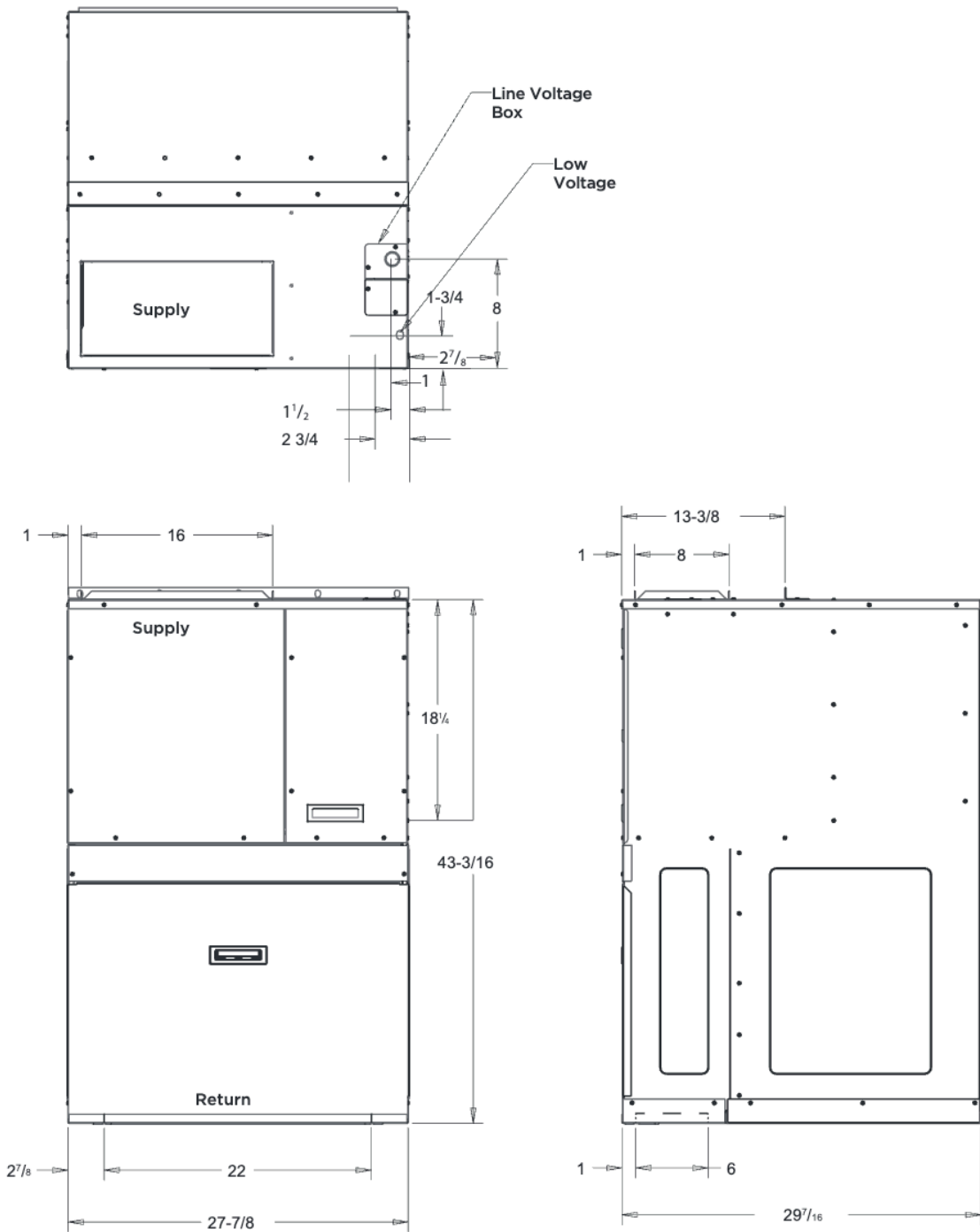
ACCESSORIES

| Description | Kit # | Where Used |
|---|---------|------------|
| DECORATIVE EXTERNAL LOUVER CLEAR ANOD. AL | ALVR42 | All EWC's |
| Decorative External Louver Custom Painted | ALVR42P | |
| MERV5 Filter (36 per box) | VSM5-1 | |
| MERV8 Filter (24 per box) | VSM8-1 | |

ZONING

| Description | Kit # | Where Used |
|--------------------------------|--------|------------|
| Damper Rd Plugin 12V | RDP-8 | All EWC's |
| | RDP-9 | |
| | RDP-10 | |
| | RDP-12 | |
| 2 Zone Control Panel | MMPZ | All EWC's |
| Static Bypass | SP2 | |
| Wireless Thermostat & Receiver | WTR | |

UNIT DIMENSIONS



215 Metropolitan Drive | West Columbia, SC 29170
 800-448-5872
 Product Support 866-282-7257

All specifications and illustrations subject to change without notice and without incurring obligations.