



All V-Series models below 11 EER will be out of production by September 20, 2019

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

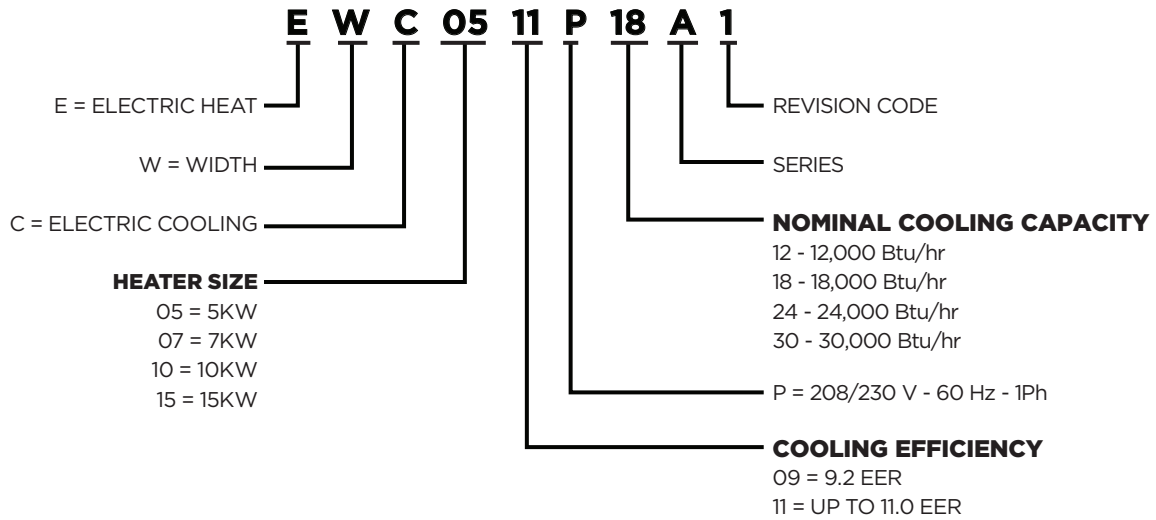
WARRANTY

- 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	HP									
		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																						
EWC1009P24			45.8	52.5			50	60																						
EWC1509P24			24.2	27.5			45.8	53.1														25	30	50	60	8.5	38.0	1.6	1/4	56
EWC1009P30			45.1	51.8			N/A	N/A														50	60	N/A	N/A	13.1	74.0	1.4	63	
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
EWC0711P12	33.0	38.0			35	40	0.7	54																						
EWC0511P18	22.5	25.9			25	30	1.6	1/4	54																					
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	8.5	38.0	1.4	66													

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	

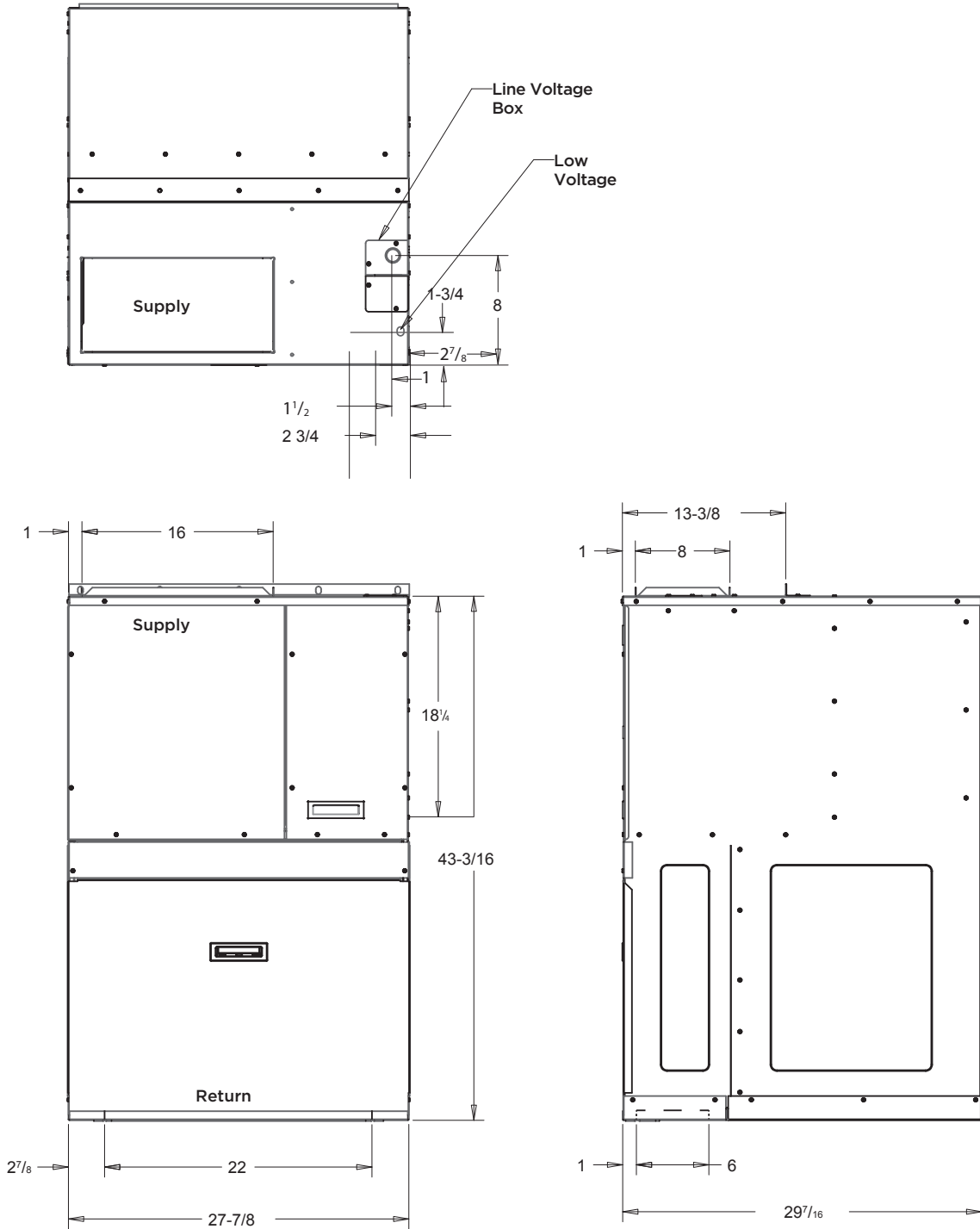
ZONING

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

COOLING PERFORMANCE EXTENDED RATINGS

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

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.