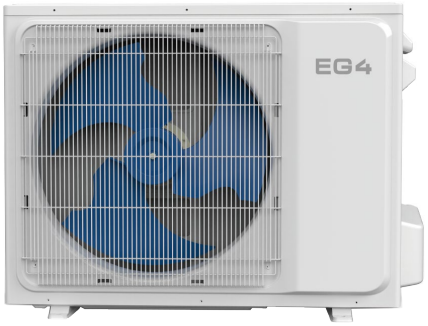
EG4® 9K & 12K AC MINI-SPLIT R32

EG4 AC Mini-Splits offer a highly efficient 9K or 12K BTU heating and cooling system, designed for spaces from 500 to 650 square feet, raising the bar for energy efficiency, driven by mini-split innovation in HVAC mechanics. Progress in mini-split systems have paved the way for Energy Star-certified options, exemplified by the EG4 AC Mini-Split systems, delivering superior energy efficiency, reduced environmental impact, and potential cost savings for an eco-friendly choice.



PLUG-N-COOL DIY

HIGHEST EFFICIENCY RATINGS

5-YEAR LIMITED WARRANTY

EASY DO-IT-YOURSELF INSTALLATION

Enables quick and simple refrigerant line-set connection using the quick-connect and self-closing companion valves, removing the need for special tools, equipment, or training. There's no need to pull a vacuum.

LATEST AND GREATEST EFFICIENCY RATING

Go above and beyond the norms of other efficient mini-split systems while maintaining maximum performance, safety, and reliability.

HEATING AND COOLING CAPACITY

Get sophisticated air conditioning in small (500 sq ft.) and medium (650 sq ft.) sized rooms.

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VERSION 1.0.1 | INFORMATION SUBJECT TO CHANGE WITHOUT NOTICE.
OUDOOR MODEL #: DWA4-09KR2 AND DWA4-12KR2
INDOOR MODEL #: DGA3-09KR2 AND DGA3-12KR2

TECHNICAL SPECIFICATIONS

ELECTRICAL	9K SYSTEM	12K SYSTEM
RATED VOLTAGE	115 VAC	
RATED CURRENT - COOLING	5.9A	8.4A
RATED CURRENT - HEATING	6.37A	7.47A
INPUT POWER	190 – 1,000W	190 – 1,050W
FREQUENCY	60 Hz	
MINIMUM CIRCUIT AMPACITY	19.05A	
MAXIMUM BREAKER SIZE	20A	
MAXIMUM STARTING CURRENT	4A	
RATED COOLING		
NOMINAL CAPACITY	9,000 BTU/h	12,000 BTU/h
CAPACITY RANGE	3,000 – 10,000 BTU/h	3,000 – 12,500 BTU/h
INPUT POWER	620W	950W
RATED CURRENT	5.45W	8.35W
EER2	14.5	12.6
SEER	23.8	20.8
SEER2	25	22.5
RATED HEATING		
NOMINAL CAPACITY	9,500 BTU/h	12,000 BTU/h
CAPACITY RANGE	3,000 – 11,000 BTU/h	3,000 – 13,000 BTU/h
INPUT POWER	660W	980W
RATED CURRENT	5.8A	8.6A
COP	14.4	12.25
HSPF2-4	10.5	9.7
SYSTEM DATA		
DESIGN PRESSURE (PSIG)	<651 PSI	
REFRIGERANT	R32/21.2 oz. (0.63 L)	R32/27.5 oz. (0.81 L)
PRE-CHARGED REFRIGERANT LINE	16.4 ft. (5 m)	
CHARGE REQUIRED PER ADDITIONAL FT	0.16 oz. (4.73 ml)	
LIQUID VALVE DIAMETER	1/4 in. (6.35 mm)	
GAS VALVE DIAMETER	3/8 in. (9.52 mm)	
MAX REFRIGERANT PIPE LENGTH	49.2 ft. (15 m)	
MAX ELEVATION BETWEEN UNITS	26.2 ft. (8 m)	
OUTDOOR UNIT DATA	**DWA4-09KR2**	**DWA4-12KR2**
OUTPUT POWER	35W	
RATED LOAD AMPERAGE (RLA)	0.42A	
SPEED (HI/MED/LO)	800 r/min	
AIR FLOW (HI/MED/LO)	1,200 CFM	1,060 CFM
SOUND PRESSURE (HI/MED/LO)	52 dB(A)	
UNIT DIMENSIONS (W×D×H)	31.6 x 12.7 x 22.2 in. (802 x 323 x 564 mm)	
PACKAGING DIMENSIONS (W×D×H)	35.8 x 15.9 x 24.5 in. (910 x 405 x 622 mm)	
NET/GROSS WEIGHT	62.9/73.9 lbs. (28.5/33.5 kg)	
OPERATING TEMPERATURE (COOLING)	32 – 131°F (0 – 55°C)	
OPERATING TEMPERATURE (HEATING)	5 – 86°F (-15 – 30°C)	

COMPRESSOR SPECIFICATIONS		
TYPE	Rotary	
INPUT POWER	834W	
RATED LOAD AMPERAGE (RLA)	5.7A	
INDOOR UNIT DATA	**DGA3-09KR2**	**DGA3-12KR2**
OUTPUT POWER	15W	
RATED LOAD AMPERAGE (RLA)	0.4A	
SPEED (TURBO/5/4/3/2/1)	1250/1100/1000/900/800/750 r/min	
AIR FLOW (TURBO/5/4/3/2/1)	340/320/300/380/260/250 CFM	
SOUND PRESSURE (TURBO/5/4/3/2/1)	41.5/37.5/34.5/32/30/29 dB(A)	
MOISTURE REMOVAL	2.2 pt/hr. (1.05 L/hr.)	2.65 pt/hr. (1.25 L/hr.)
UNIT DIMENSIONS (W×D×H)	33.07 x 8.07 x 11.61 in. (840 x 205 x 295 mm)	
PACKAGING DIMENSIONS (W×D×H)	36.22 x 11.42 x 14.17 in. (920 x 290 x 360 mm)	
UNIT/PACKAGED WEIGHT	20.9/26.0 lbs. (9.5/11.8 kg)	
OPERATING TEMPERATURE (COOLING)	61 – 90°F (16 – 32°C)	
OPERATING TEMPERATURE (HEATING)	32 – 90°F (0 – 32°C)	
ACCESSORIES		
CONTROL	Remote	
SIGNAL CABLE	18 AWG (4 Stranded)	
INSTALLATION COPPER KIT	16.4 ft. (5 m)	
WARRANTY		
LIMITED WARRANTY*	5-year limited warranty	

For information regarding warranty registration on EG4® Electronics products, please navigate to https://eg4electronics.com/warranty/ and select the corresponding product to begin the registration process.

CHANGELOG

Version 1.0.1

- Added EER2 value

Version 1.0

- Initial release