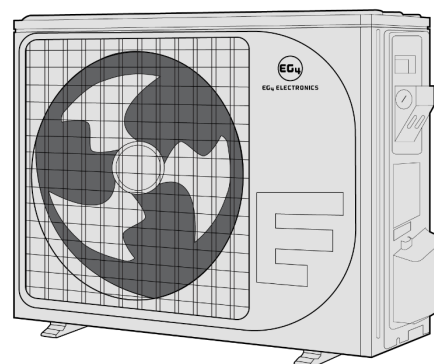
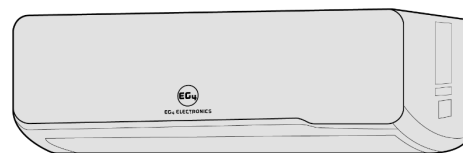


# EG4® 12K BTU HYBRID SOLAR MINI-SPLIT R32 AIR CONDITIONER/HEAT PUMP

EG4 Hybrid Mini-Splits offer a highly efficient 12K heating and cooling system, designed for spaces around 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 Hybrid 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

Allows for quick and easy refrigerant line-set connection via the quick-connect self-closing companion valves without special tools, equipment, or training. No need to pull a vacuum.

## AC/DC HYBRID POWER INPUTS

Power this hybrid mini-split with solar panels attached directly to the outside unit and/or with 115VAC for the 12K unit. 100% daytime energy savings on sunny days when solar power is utilized.

## HEATING & COOLING CAPACITY

Innovative air conditioning and heating for small (650sq ft) sized rooms.



## TECHNICAL SPECIFICATIONS

### TEMPERATURE PARAMETERS

ROOM TEMPERATURE	16°C – 32°C (Cool mode) 0°C – 32°C (Heat mode) 10°C – 32°C (Dry mode)
OUTDOOR TEMPERATURE	0°C – 55°C (Cool mode) -15°C – 30°C (Heat mode) 0°C – 50°C (Dry mode)

### REFRIGERANT

REFRIGERANT TYPE	R32
CHARGE VOLUME	27.5 oz (780g)
MAX. ALLOWABLE PRESSURE	651 PSIG (4500 Kpa)

### REFRIGERANT TO BE ADDED IF PIPE LENGTH IS >16.4 FT. (5M)

OUNCES PER 3.28 FT.	0.5 oz (15g)
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### PIPING

MAX. PIPE LENGTH	49.2 ft. (15m)
PIPE SIZES	1/4 in. & 3/8 in.
MAX. HEAD (VERTICAL)	26 ft. (8m)

### ELECTRICAL

POWER AC	1Ph 115V/60Hz
MAX. INPUT POWER	1700W
CIRCUIT BREAKER	25A
POWER DC	90 – 350 VDC   <= 14 Adc
DC MAX VOLTAGE	380 VOC

### GENERAL SPECIFICATIONS

INDOOR UNIT DIMENSIONS (W x D x H)	32.9 x 8.1 x 11.6 in. (835 x 205 x 295mm)
INDOOR UNIT SHIPPING DIMENSIONS (W x D x H)	36.2 x 11.5 x 14.2 in. (920 x 292 x 360mm)
INDOOR UNIT WEIGHT	21.6 lbs. (9.8 kg)
INDOOR UNIT WEIGHT W/ PACKAGING	28.7 lbs. (13 kg)
OUTDOOR UNIT DIMENSIONS (W x D x H)	34 x 12 x 22.2 in. (864 x 305 x 564)
OUTDOOR UNIT SHIPPING DIMENSIONS (W x D x H)	35.8 x 15.9 x 24.5 in. (910 x 405 x 622mm)
OUTDOOR UNIT WEIGHT	75 lbs. (34 kg)
OUTDOOR UNIT WEIGHT W/ PACKAGING	83.8 lbs. (38 kg)

# CHANGELOG

V1.0

- Document published