



# 15 SEER Mini Split Heat Pump



- Three models to choose from: 12,000, 24,000 and 36,000 BTU
- High efficiency performance: 15 SEER heating and cooling.
- Flexible stainless steel pre-charged 23' line set with quick connect fittings allows for easy Do-It-Yourself installation. No technician required.
- Line sets are pre-vacuumed and pre-charged with R410A refrigerant.
- Simply hook up the quick connect's and open the service valves, tighten and check for leaks.
- Can be used with the optional programmable thermostat with up to 4 temperature settings each day. (see related products)
- Auto restart after power failure.
- One year manufacturer warranty on parts only.

**WARNING:** All Ideal-Air Heat Pumps need surge protection and a dedicated power circuit that services only the A/C unit. In the event of a power failure, a spike in voltage may occur when the power is reinstated. This can damage the circuit board which is not covered under the warranty.

Designed for heating and cooling with outside temperatures ranging from 5° to 105° F. Use of unit outside of these temperature ranges is not supported.

**Call our Toll Free number for technical support:  
877-9-IDEAL-1 (877-943-3251)**



[www.ideal-air.com](http://www.ideal-air.com)

Ideal-Air™, a subsidiary of Sunlight Supply, Inc., is a supplier of commercial-grade air conditioners, dehumidifiers, ducting & related equipment, based in the Pacific Northwest. We specialize in products for the Do-it-Yourself person.



# 15 SEER Mini Split Heat Pump



IDEAL AIR - 15 SEER Mini Split	12000 BTU	24000 BTU	36000 BTU
Voltage at 60Hz AC	120V	230V	230V
Cooling capacity rated at 95°F (low - high)	12000 BTU/h (2,350 - 14,600)	23200 BTU/h (12,300 - 29,000)	36000 BTU/h (24,300 - 41,000)
Heating Capacity at 47°F (low - high)	14000 BTU/h (2,800 - 17,000)	24400 BTU/h (13,600 - 31,000)	36000 BTU/h (24,300 - 41,000)
Power at rated capacity (low - high)	920W (270 - 1750)	2100W (1300 - 3450)	3200W (2400 - 4600)
Current at rated capacity (low - high)	4.2 Amps (1.5 - 8.5)	10 Amps (6.0 - 16.0)	14 Amps (10.4 - 20)
Maximum over current protection (breaker size)	20 Amps	20 Amps	30 Amps
SEER rating	15	15	15
Dehumidifying capacity (at rated conditions)	3 pints/hr	5.7 pints/hr	6.8 pints/hr
Air flow at rated capacity	294 CFM	647 CFM	794 CFM
Operating range (outdoor temperature)	5°F - 105°F	5°F - 105°F	5°F - 105°F
Sound level-indoor (Max)	41 dB	51 dB	53 dB
Sound level-outdoor (Max)	51 dB	58 dB	59 dB
Piping connection type	Simple spring loaded connector	Dual threaded valves	Dual threaded valves
Piping length	23 ft	23 ft	23 ft
Max piping difference in height Indoor/Outdoor	20 ft	20 ft	20 ft
Compressor type / Speed	Twin rotary-variable	Twin rotary-variable	Twin rotary-variable
Refrigerant gas type	R410A	R410A	R410A
Weight-indoor:	37 lbs	45 lbs	66 lbs
Weight-outdoor:	83 lbs	105 lbs	155 lbs
Dimension of indoor unit (inches)	12.7"x 33"x 12.6"	14"x 42"x 13.5"	14.4"x 50.6"x 14.3"
Dimension of outdoor unit (inches)	14"x 35.4"x 22"	15.7"x 37.8"x 29.5"	17.7"x 40"x 33.3"
FAN SPEED ADJUSTMENT	AUTO/HIGH/MEDIUM/LOW	AUTO/HIGH/MEDIUM/LOW	AUTO/HIGH/MEDIUM/LOW
AUTO SWING CONTROL of air louvers	YES	YES	YES
AUTO RESTART	YES	YES	YES
AUTO CHANGE-OVER	NO	NO	NO
WIRELESS REMOTE CONTROL	YES - Standard	YES - Standard	YES - Standard
DEHUMIDIFICATION MODE	YES	YES	YES
AIR FILTER	YES - Washable	YES - Washable	YES - Washable
7 DAY THERMOSTAT	YES - Optional	YES - Optional	YES - Optional

