



Mini-Split Air Conditioning and Heating

115V & 208~230V Single Zone Inverter Technology

9,000, 12,000, 18,000 & 23,400 BTU

High Efficiency — Up to 25 SEER



Select Features

- Energy Savings, Eco-Friendly
- Quiet Operation
- 24H Timer
- Super / Turbo Mode for Fast Cooling/Heating
- Auto / Smart Temp Mode
- Sleep Mode
- Display On/Off
- 2 or 4-Direction Airflow
- Auto-Restart
- Louver Position Memory
- Intelligent Pre-Heating
- 2-Way Drainage
- Washable Filter
- Celsius and Fahrenheit Display
- Independent Dehumidification
- Intelligent Defrost
- Low Temperature Cooling (-15°C / 5°F)
- Low Temperature Heating (-20°C / -4°F)
- Follow Me / I Feel (Remote Thermostat)
- (8°C / 46°F) Anti-Frozen Pipe Heating
- Outdoor Unit Chassis Heating
- Fireproof Electrical Box



16' Line-Set Package

Warranty: 7 Years on Compressor / 2 Years on Parts

Room Size and Dial® Mini-Split Selection Guide

Room Size (Square Feet)	Mini-Split Capacity	Dial® Model Option	
350 to 400	9,000 BTU	9000-19S-115 (19 SEER)	9000-16S-230 (16 SEER)
450 to 550	12,000 BTU	12000-17S-115 (17 SEER)	12000-20S-230 (20 SEER)
		12000-25S-230 (25 SEER)	
700 to 1,000	18,000 BTU	18000-17S-230 (17 SEER)	18000-23S-230 (23 SEER)
Up to 1,500	23,400 BTU	23400-21S-230 (21 SEER)	



Mini-Split Air Conditioning and Heating Product Specifications

Dial Part Number	80050	80100	80150	80250	80300	80350	80400	80500	
UPC	02652980050 1	02652980100 3	02652980150 8	02652980250 5	02652980300 7	02652980350 2	02652980400 4	02652980500 1	
Dial Model	9000-19S-115	9000-16S-230	12000-17S-115	12000-20S-230	12000-25S-230	18000-17S-230	18000-23S-230	23400-21S-230	
System	Air Conditioning Type	Ductless Mini-Split Heat Pump	Ductless Mini-Split Heat Pump	Ductless Mini-Split Heat Pump	Ductless Mini-Split Heat Pump	Ductless Mini-Split Heat Pump	Ductless Mini-Split Heat Pump	Ductless Mini-Split Heat Pump	
	Application Room Size (sqft)	350 to 400	350 to 400	450 to 550	450 to 550	450 to 550	700 to 1,000	700 to 1,000	Up to 1,500
	Electrical Voltage, Frequency, Phase	115V~,60Hz,1P	208-230V~60Hz,1P	115V~,60Hz,1P	208-230V~60Hz,1P	208-230V~60Hz,1P	208-230V~60Hz,1P	208-230V~60Hz,1P	208-230V~60Hz,1P
	Compressor Motor Technology	Inverter	Inverter	Inverter	Inverter	Inverter	Inverter	Inverter	Inverter
	Refrigerant (pre-charge oz)	R410A 28.57	R410A 29.28	R410A 35.27	R410A 40.92	R410A 40.56	R410A 49.38	R410A 54.67	R410A 75.84
	Max Pre-Charged Line-Set (ft)	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6
	Max Line-Set Length ⁽¹⁾ (ft)	65.4	65.4	65.4	65.4	50.0	65.4	65.4	65.4
	Max Height (ft) Indoor & Outdoor	32	32	32	32	16.4	32	32	32
	Liquid Pipe (Diameter-inch)	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3/8
	Suction Line (Diameter-inch)	3/8	3/8	3/8	3/8	3/8	1/2	1/2	5/8
Performance	Cooling Capacity (BTU/H)	9,000	9,000	12,000	12,000	12,000	18,000	18,000	23,400
	Heating Capacity (BTU/H)	10,000	10,000	13,200	13,000	12,000	20,000	19,000	26,000
	SEER (Cooling) BTU/W.h	19.3	16.3	17.9	20.5	25.0	17.6	23.3	21.0
	HSPF (Heating) BTU/W.h	10.5	9.1	9.35	10.8	10	10.1	11.6	10.5
	EER (Cooling) BTU/W.h	11.00	10.50	10.00	13.00	14.5	10.90	13.00	12.45
	COP (Heating) W/W	3.20	3.00	3.28	3.40	4.00	3.20	3.40	3.05
	Air Circulation m3/Hr (CFM)	550 (323)	550 (323)	620 (364)	620 (364)	860 (506)	1000 (588)	1100 (647)	1200 (706)
	Moisture Removal per Hr (Dehumidifier)	0.9L / 0.24gal	0.9L / 0.24gal	1.2L / 0.32gal	1.2L / 0.32gal	1.6L / 0.42gal	2.0L / 0.53gal	1.5L / 0.4gal	2.4 L / 0.63gal
Indoor Unit	Dimensions (LxHxD) (inches)	29 5/16 x 10 5/8 x 8 7/16	29 5/16 x 10 5/8 x 8 7/16	32 1/16 x 10 5/8 x 8 7/16	32 7/8 x 11 x 8 11/16	35 9/16 x 11 1/64 x 7 61/64	36 x12 3/8 x 9 5/16	43 5/16 x 12 13/16 x 9 5/8	43 5/16 x 12 13/16 x 9 5/8
	Weight (lbs)	18.74	18.74	19.84	19.84	22.05	27.56	31.97	31.97
	Airflow (S/H/M/L) CFM	365/318/265/206	365/318/265/206	365/318/265/206	424/382/323/247	306/297/280/263	588/530/440/341	618/565/482/382	735/665/559/441
	Air flow (Direction) Vertical / 4-way	Vertical	Vertical	Vertical	Vertical	4-Way	Vertical	Vertical	4-Way
	Sound Level (H/M/L) dB (A)	39/36/33	39/36/33	40/36/33	39/32/29	43/39/35	45/43/38	45/41/37	47/42/36 (33 Silence Mode)
Outdoor Unit	Dimensions (LxHxD) (inches)	28 1/8 x 19 x 9 7/16	28 1/8 x 19 x 9 7/16	28 1/8 x 19 x 9 7/16	31 7/8 x 23 x 11	30 3/4 x 23 7/8 x 11 7/16	31 7/8 x 23 x 11	33 7/8 x 25 9/16 x 12 3/16	34 7/8 x 31 5/16 x 14 3/8
	Weight (lbs)	55.12	55.12	59.52	72.75	74.00	85.98	99.21	134.50
	Sound Level dB (A)	53	54	54	53	55	56	55	58
Electrical	Current Input Cooling (A)	7.4	3.7	10.8	4.1	4.5	7.6	6.3	8.3
	Current Input Heating (A)	7.4	3.9	10.8	5.0	5.0	9.0	7.2	11.1
	Max Current Cooling (A)	12.0	7.0	15.0	7.0	5.9	12.0	12.0	13.0
	Current Range Heating (A)	12.0	7.0	15.0	7.0	6.5	12.0	12.0	13.0
	Power Input-Cooling (W)	818	857	1200	923	780	1651	1385	1880
	Power Input-Heating (W)	916	977	1179	1121	894	1832	1638	2500
Working Temperature Range	Cooling	-15°C-46°C; (5°F-115°F)	0°C-46°C; (32°F-115°F)	-15°C-46°C; (5°F-115°F)	-15°C-46°C; (5°F-115°F)	-15°C-50°C; (5°F-122°F)	0°C-46°C; (32°F-115°F)	-15°C-46°C; (5°F-115°F)	-15°C-46°C; (5°F-115°F)
	Heating	-20°C-24°C; (-4°F-75°F)	-20°C-24°C; (-4°F-75°F)	-20°C-24°C; (-4°F-75°F)	-20°C-24°C; (-4°F-75°F)	-25°C-30°C; (-13°F-86°F)	-20°C-24°C; (-4°F-75°F)	-20°C-24°C; (-4°F-75°F)	-20°C-24°C; (-4°F-75°F)
Approval & Certification	Industry Certification	ETL / AHRI	ETL / AHRI	ETL / AHRI	ETL / AHRI	ETL / AHRI	ETL / AHRI	ETL / AHRI	
	Energy Saving Energy Star V5.0	Not Star Rated	Not Star Rated	Not Star Rated	Energy Star 5.0 Rating	Energy Star 5.0 Rating	Not Star Rated	Energy Star 5.0 Rating	Energy Star 5.0 Rating
Warranty	Compressor/Parts (Years)	7 / 2	7 / 2	7 / 2	7 / 2	7 / 2	7 / 2	7 / 2	

⁽¹⁾ Requires additional refrigerant charge