

Available Capacities (Btu/h): 9,000 | 12,000 | 18,000 | 24,000

The Quantum 17 SEER heat pump provides a quality and economical solution for heating or cooling a single room or zone.



High Performance

The Digital Inverter compressor's variable speed control allows the compressor to operate at precisely the speed needed to maintain the set temperature without turning the system off and on to increase efficiency.



Reduce Power Consumption

Single user mode uses less compressor capacity to reduce power consumption when you're home alone.

Model Features

- Up to 17.0 SEER
- Up to 9.0 HSPF
- 1 Ø / 208-230V / 60 Hz
- Sound ON/OFF with wireless controller
- Motorized vertical auto-swing louver
- Select models are ENERGY STAR® labeled

Standard Features

- 2-Step Cooling
- Digital Inverter
- Auto Clean
- Auto Restart
- Single User Mode
- Dry Mode
- Quiet Mode
- Auto Changeover
- Timer Mode
- Good Sleep Mode
- AHRI Certified
- ETL Listed



Control Options



Wireless Controller
(included)



Standard Wired Controller¹
(optional)



Premium Wired Controller²
(optional)

WARRANTY

7 YEAR COMPRESSOR | 5 YEAR PARTS

Product Registration Required.

Conditions Apply.



Select models are ENERGY STAR® labeled.

Proper sizing and installation of equipment is critical to achieve performance. Split system air conditioners and heat pumps (excluding ductless systems) must be matched with appropriate coil components to meet ENERGY STAR® criteria. Ask your contractor for details or visit www.energystar.gov.

¹Standard Wired Controller Kit: AR-WRS02 (includes MWR-WH00U controller + connection kit)

²Premium Wired Controller Kit: AR-WRP2 (includes MWR-WET3U controller + connection kit)

QUANTUM 17 SEER



MODEL	INDOOR UNIT	AR09KSFDPWQNCV	AR12KSFDPWQNCV	AR18KSFDPWQNCV	AR24KSFDPWQNCV
	OUTDOOR UNIT	AR09KSFDPWQXCV	AR12KSFDPWQXCV	AR18KSFDPWQXCV	AR24KSFDPWQXCV
PERFORMANCE	COOLING CAPACITY	9,000 Btu/h	12,000 Btu/h	18,000 Btu/h	22,000 Btu/h
	COOLING RANGE	3,000 - 11,260 Btu/h	3,000 - 13,500 Btu/h	5,500 - 20,500 Btu/h	6,100 - 27,300 Btu/h
	HEATING CAPACITY	11,000 Btu/h	13,600 Btu/h	21,000 Btu/h	24,000 Btu/h
	HEATING RANGE	4,000 - 12,800 Btu/h	4,000 - 14,500 Btu/h	4,100 - 23,200 Btu/h	4,400 - 28,000 Btu/h
	SEER / EER	17.00 / 12.50	17.00 / 10.50	17.00 / 11.46	17.00 / 10.48
	COP	3.62	3.26	3.44	3.07
	HSPF	9.00	8.50	9.00	9.00
POWER	VOLT / PHASE / Hz	208-230 / 1 / 60	208-230 / 1 / 60	208-230 / 1 / 60	208-230 / 1 / 60
	MAX. BREAKER	15 A	15 A	20	25 A
	MCA	10.5 A	10.5 A	14.5 A	19 A
INDOOR UNIT DIMENSIONS	WIDTH	32 1/4 in.	32 1/4 in.	41 15/16 in.	41 15/16 in.
	HEIGHT	11 1/4 in.	11 1/4 in.	11 3/4 in.	11 3/4 in.
	DEPTH	8 7/16 in.	8 7/16 in.	9 1/16 in.	9 1/16 in.
	WEIGHT	18.08 lbs.	18.08 lbs.	25.35 lbs.	25.35 lbs.
OUTDOOR UNIT DIMENSIONS	WIDTH	31 1/8 in.	31 1/8 in.	34 5/8 in.	34 5/8 in.
	HEIGHT	21 9/16 in.	21 9/16 in.	25 1/8 in.	31 9/32 in.
	DEPTH	11 1/4 in.	11 1/4 in.	12 3/16 in.	12 3/16 in.
	WEIGHT	62.83 lbs.	62.83 lbs.	95.90 lbs.	115.74 lbs.
OPERATING TEMPERATURE	COOLING	14 ≤ T ≤ 115°F	14 ≤ T ≤ 115°F	14 ≤ T ≤ 115°F	14 ≤ T ≤ 115°F
	HEATING	5 ≤ T ≤ 75°F	5 ≤ T ≤ 75°F	5 ≤ T ≤ 75°F	5 ≤ T ≤ 75°F
PIPE CONNECTIONS	HIGH SIDE / LOW SIDE	1/4 in. / 3/8 in.	1/4 in. / 3/8 in.	1/4 in. / 1/2 in.	1/4 in. / 5/8 in.
	MAX. LENGTH	50 ft.	50 ft.	98 ft.	98 ft.
	MAX. VERTICAL	26 ft.	26 ft.	49 ft.	49 ft.
REFRIGERANT	R410A CHARGE	31.7 oz.	31.7 oz.	40.6 oz.	51.2 oz.
	CHARGED FOR	25 ft.	25 ft.	25 ft.	25 ft.
EVAPORATOR FAN	CFM (L / M / H / T)	270 / 300 / 330 / 355	300 / 330 / 360 / 390	400 / 480 / 520 / 570	420 / 490 / 570 / 640
CONDENSER FAN	CFM (MAX.)	1,400	1,400	1,700	1,950
CERTIFICATIONS	ENERGY STAR® CERTIFIED		-	-	-

Warranty - 7 year compressor, 5 year parts
Product registration required.
Conditions apply.



The AHRI Certified® mark indicates Samsung's participation in the AHRI Certification Program. For verification of individual certified products, go to www.ahridirectory.org.

Select Models are ENERGY STAR® labeled.

Proper sizing and installation of equipment is critical to achieve performance. Split system air conditioners and heat pumps (excluding ductless systems) must be matched with appropriate coil components to meet ENERGY STAR® criteria. Ask your contractor for details or visit www.energystar.gov.



Samsung HVAC maintains a policy of ongoing development, specifications are subject to change without notice.



**TED WHITNEY
HEATING & AC
INC.**
814-223-4009