



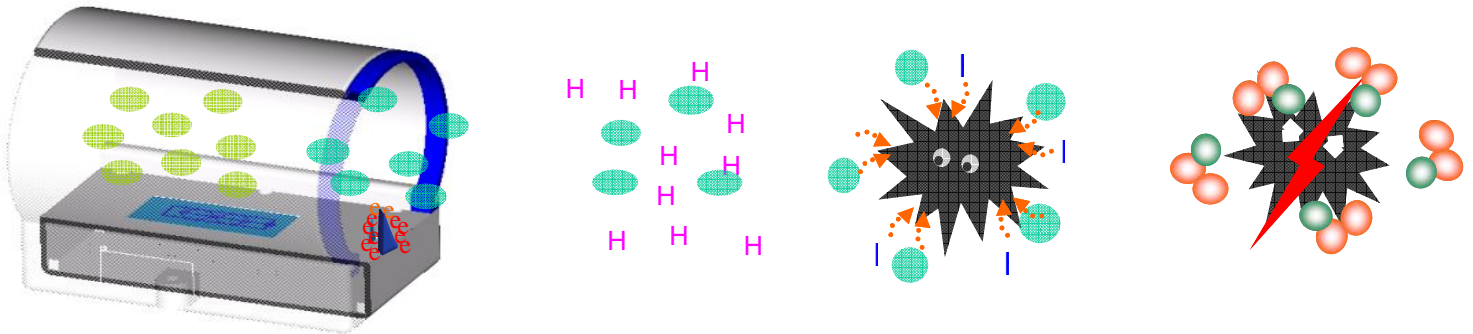
VIVACE HIGH WALL IAQ MINI SPLIT AQV12VBAN

This system is an attractively designed slimline High Wall unit, with a mirror finish front panel



The nominal cooling or heat pump heating capacity is 12,000 Btu/h, however this unit features Samsung's Smart Inverter technology which enables the unit to modulate its capacity to meet higher or lower loads depending on the room and outdoor temperature.

This unit also features Samsung's revolutionary MPI Generator which uses micro plasma technology to silently produce and release Hydrogen Ions into the conditioned air delivered from the unit. These Hydrogen Ions combine with the viral proteins in Bacteria, Allergens and Fungi/Molds to produce two molecules of Water (H_2O)



This technology eliminates over 50 times the Indoor Air pollutants than a Bio-nizer (Ozone Generator) can, without the associated noise and smell.

The MPI Generator is the world's first to be applied in a Mini Split unit and has received many awards and recognition from various allergy institutes around the world for eliminating over 99% of harmful airborne pollutants on contact

The unit also features the exclusive "Good Morning" mode of operation where the unit can be used to promote a restful nights sleep and a refreshed wake up.

If the "Good Morning" mode is selected via the specific button on the remote control, the unit will initially quickly cool to slightly below the set temperature, which aids falling asleep, then throughout the night, at an extremely low fan speed, the unit will return the room temperature to the set point. After a timed 8 hour period the unit will then slowly raise the Indoor temperature above the set point, speeding up the metabolism and waking you up in a refreshed and relaxed frame of mind

The unit also features extremely low noise levels, down to 25 Db, SEER values upto approximately 18, making this unit suitable not only to clean your air but also to condition the room quickly, quietly and efficiently

Warranty

120 Days Limited Labor, 3 Years Parts and 5 Years Compressor

Accessories

Line Sets - these 25 ft and 50ft long line sets have both the Suction and Expanded Gas "Liquid" lines insulated and separate power wiring and control wiring harnesses

Condensate Pumps - Provide positive condensate removal when a gravity drain is not possible

Mounting Brackets - these shall allow the Outdoor unit to be securely mounted on an outside wall

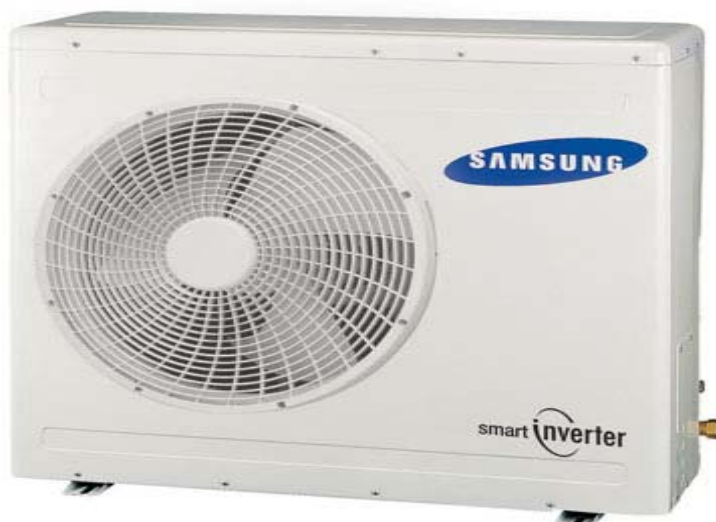
Specifications	AQV12VBAN
General	
Nom Cooling Capacity (Btu/h)	12,000
SEER	19.0
Cooling Capacity Range (Btu/h)	3,100 to 14,300
Nom Heating Capacity (Btu/h)	13,600
HSPF	9.0
Heating COP	3.5
Heating Capacity Range (Btu/h)	3,100 to 17,500
Refrigerant Type	R410A
De-Hum (Pints/Hr)	7.6
Power Voltage	208/230V-1-60
Breaker Size	15A
RLA Cooling/Heating (Amps)	4.9/5.3A
Controls	Wireless Remote

Indoor Unit	AQV12VBA
Airflow-High Speed (CFM)	350
Fan Speeds	Turbo - High - Med - Low - Quiet
Noise Level Low/High Spd (Db)	25/43
Width (Inches)	32 1/2"
Height (Inches)	11 1/4"
Total Depth (Inches)	7 1/2"
Weight (lbs)	18

Outdoor Unit	AQV12VBAX
Outdoor Noise Level (Db)	53
Width (Inches)	28 3/8"
Height (Inches)	21 5/8"
Total Depth (Inches)	10 3/8"
Weight (lbs)	74

Line Sets	
Size	1/4" & 3/8"
Max Line Set Length including	50 ft
Max Vertical Separation of	26ft
Charged with R410A for	50ft (31.7oz R410A)
Addl R410A charge required	No addl R410A reqd

Certification	
Safety	UL & Ulc
Performance	ARI Certified



Due to Samsung's policy of on-going product development specifications are subject to change without notice



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