



SUBMITTAL APV48Q0A

48,000 Btu/h Floor Standing

Job Name	Location
Purchaser	Engineer
Submitted to	Reference <input type="checkbox"/> Approval <input type="checkbox"/> Construction <input type="checkbox"/>
Unit Designation	Schedule #

Specifications	
General	
Nom Cooling Capacity (Btu/h)	48,000
SEER	14.8
Cool Capacity Range (Btu/h)	10,000 to 52,600
Nom Heating Capacity (Btu/h)	54,600
HSPF	9.5
Heating COP	3.1
Heat Capacity Range (Btu/h)	13,000 to 60,000
Refrigerant Type	R410A
De-Hum (Pints/Hr)	14.4
Power Voltage	208/230v-1Ph-60Hz
Breaker Size	40A
RLA Cooling/Heating (Amps)	23.4/21.6A
Controls	Wireless
Indoor Unit	APV48Q0A
Airflow-High Speed (CFM)	1000
Fan Speeds	Turbo-High-Med-Low
Noise Level Low/High (Db)	57
Width (Inches)	25 9/16"
Height (Inches)	72 13/16"
Total Depth (Inches)	15 9/16"
Weight (lbs)	136.4
Condensate Connection Ø	11/16" OD
Outdoor Unit	UH140CAV
Outdoor Noise Level (Db)	66
Width (Inches)	36 11/16"
Height (Inches)	44 7/16"
Total Depth (Inches)	14 3/4"
Weight (lbs)	231
Line Sets	
Size	3/8" & 3/4"
Max Line Set Length inc	246ft
Max Vertical Separation of	98ft
Charged with R410A for	25ft (51.1oz R410A)
Addl R410A charge required	0.45oz/ft over 25ft
Certifications	
Safety	ETL & ETLc
Performance	AHRI Certified
AHRI Certification Reference #	
Warranty	5 Years Compressor 3 Years Parts 120 Days ltd labor
Options	25 or 50ft Line Sets Condensate Pumps Condenser Brackets

Construction

Indoor unit chassis shall be constructed from galvanized steel powder coated for appearance
All front panels shall be constructed from HIPS rated to UL94 V0
Access to the components shall be via the front panels of the unit

The Outdoor unit shall be galvanized steel with a baked on powder coated finish for durability

Refrigerant System

Compressors shall be a hermetically sealed DC Inverter drive rotary type
Refrigerant shall be R410A.
Refrigerant flow shall be controlled by Electronic Expansion Valve located in the Outdoor unit

Indoor Fan

The indoor unit fan shall be statically and dynamically balanced for low noise levels
Auto swing louvers shall direct airflow vertically as required with manually adjusted louvers controlling horizontal airflow direction
Outdoor unit shall use twin propellor fans driven by individual BLDC motors

Controls

The unit shall be operated via hand held wireless controller or the unit mounted control panel
Unit display shall provide user with information on operation and settings
Control signal shall be a DDC type signal
Control wiring shall require 16AWG shielded wire
Unit operating range shall be
Cooling 23 DegF to 115 DegF
Heating -4 DegF to 75 DegF

Air Filtration

Washable mesh Air Filter



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

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