



ADVANCED PLUS SERIES



Haier Ductless

Higher Comfort, Haier Living

Model Name	System	09AP	12AP	15AP	18AP	24AP
	Outdoor	1U09AP2VHA	1U12AP2VHA	1U15AP2VHA	1U18AP2VHA	1U24AP2VHA
	Indoor	AW09ES2VHB	AW12ES2VHB	AW15ES2VHB	AW18ES2VHB	AW24ES2VHB
Cooling	Rated Capacity Btu/hr	9,000	12,000	15,000	17,000	22,000
	Capacity Range Btu/hr	3,200-12,500	3,300-15,000	5,400-24,000	5,400-26,500	6,400-30,000
	Rated Power Input W	640	960	1,200	1,390	1,760
	SEER	23.5	23.0	21.5	21.0	20.0
	EER	14.5	12.5	12.5	12.5	12.5
	Moisture Removal Pt./h	3.50	3.90	4.10	4.30	7.00
Heating	Rated Heating Capacity 47°F Btu/hr	10,000	13,000	16,000	22,000	27,600
	Heating Capacity Range Btu/hr	3,800-15,600	3,900-20,000	4,000-26,000	4,000-30,000	6,200-36,000
	Rated Power Input W	680	1,500	1,700	2,100	2,630
	HSPF	10.5	11.0	10.5	10.5	10.0
	Max. Heating Capacity 17°F Btu/hr	13,000	15,000	17,000	19,000	26,000
	Max. Heating Capacity 5°F Btu/hr	10,000	13,000	16,000	17,000	20,000
Operating Range	Cooling °F(°C)	14-115(-10-46)	14-115(-10-46)	14-115(-10-46)	14-115(-10-46)	14-115(-10-46)
	Heating °F(°C)	-15-75(-26-24)	-15-75(-26-24)	-15-75(-26-24)	-15-75(-26-24)	-15-75(-26-24)
Power Supply	Voltage, Cycle, Phase V/Hz/-	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1
Outdoor Unit	Compressor Type	DC inverter Driven Rotary				
	Maximum Fuse Size A	15	15	30	30	30
	Minimum Circuit Amp A	15	15	18	18	21
	Outdoor Noise Level dB	54	54	55	55	57
	Dimension: Height in (mm)	23 1/2 (597)	23 1/2 (597)	27 7/16 (697)	27 7/16 (697)	30 (762)
	Dimension: Width in (mm)	30 11/16 (780)	30 11/16 (780)	35 (890)	35 (890)	36 3/16 (920)
	Dimension: Depth in (mm)	11 7/16 (290)	11 7/16 (290)	13 7/8 (353)	13 7/8 (353)	15 1/8 (385)
Indoor Unit	ODU Weight (Ship/Net)- lbs	85/78.5	85/78.5	110.5/100.5	110.5/100.5	141/130
	Fan Speed Stages	5 + Auto	5 + Auto	5 + Auto	5 + Auto	5 + Auto
	Sound Level dB (Turbo/High/Med/Low/Quiet)	44/40/35/31/23	45/41/36/32/23	48/46/42/36/34	48/46/42/36/34	49/47/42/36/34
	Dimension: Height in (mm)	12 1/4 (310)	12 1/4 (310)	13 1/4 (336)	13 1/4 (336)	13 1/4 (336)
	Dimension: Width in (mm)	35 7/16 (900)	35 7/16 (900)	43 7/8 (1115)	43 7/8 (1115)	43 7/8 (1115)
	Dimension: Depth in (mm)	8 7/16 (215)	8 7/16 (215)	9 9/16 (243)	9 9/16 (243)	9 9/16 (243)
Refrigerate Line	IDU Weight (Ship/Net)- lbs	31/25.5	31/25.5	43.5/35.5	43.5/35.5	45.5/38
	Connections	Flare	Flare	Flare	Flare	Flare
	Liquid O.D. in	1/4	1/4	1/4	1/4	1/4
	Suction O.D. in	3/8	3/8	1/2	1/2	1/2
	Factory Charge Oz	38.8	38.8	52.2	52.2	74.1
	Max Line Length Ft / m	50/15	50/15	83/25	83/25	83/25
	Max Height Ft / m	33/10	33/10	50/15	50/15	50/15

FEATURES & BENEFITS



A-PAM DC INVERTER

Leading compressor technology for maximum comfort and efficiency



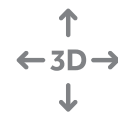
-15°F HEATING

Low ambient heating down to -15F (-26C)



BASE PAN HEATER

Prevents condensate water from freezing and blocking the base pan drain openings



3D AIR FLOW

Delivers air vertically and horizontally for even distribution throughout the room



BLUE FIN

A special coating that whisks away condensate water



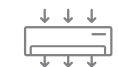
LONG DISTANCE AIR SUPPLY

Optimized fan motor and blower design enables up to 60 feet of air flow



EASY INSTALLATION CLIP

Built-in bracket allows more room to install and service



AUTO LOUVER

Automatically adjusts airflow upward when cooling, or downward when heating



WARM START

Ensures the fan will not blow cold air during heating mode startup



TURBO MODE

Cools or heats the room quickly



QUIET MODE

Minimizes indoor noise while maintaining comfort levels



2-WAY PIPING DRAIN

Allows installer to drain the condensate from either the left or right side, making installation easier

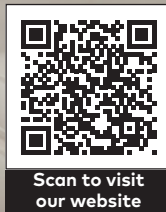
For more info

Visit: www.Haierductless.com
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Optional Accessories	Description
QAWB42A	Wind Baffle for 1U09AP2VHA and 1U12AP2VHA
QAWB37A	Wind Baffle for 1U15AP2VHA and 1U18AP2VHA
QAWB45A	Wind Baffle for 1U24AP2VHA
QAWF01A	WiFi Module for Highwall Indoor (AW09ES2VHB, AW12ES2VHB, AW15ES2VHB, AW18ESVHB and AW24ES2VHB)
YR-HG	Remote Controller for Indoor (Ships with highwall indoor unit)
YR-E16B	Color Screen Programmable Wired Controller
WK-B	Wired Controller Kit for Wall Mount Type indoor (WK-B is required for Advanced wall mount (AW09ES2VHB, AW12ES2VHB, AW18ESVHB and AW24ES2VHB) with all wired controller application)
QACT17A	Easy Wired Controller

Our continuing commitment to quality products may mean a change in specifications without notice.