

Haier Ductless

Higher Comfort, Haier Living

ADVANCED SERIES

Up to 28SEER Wall Mount
9,000/12,000/18,000/24,000 BTU
Single-Zone Heat Pump System



-4°F HEATING
Low ambient heating down to -4°F.



OPTIONAL



TURBO MODE
Cools or heats the room quickly..



Model Name	System	09ES	12ES	18ES	24ES
	Outdoor	1U09ES2VHA	1U12ES2VHA	1U18ES2VHA	1U24ES2VHA
	Indoor	AW09ES2VH*	AW12ES2VH*	AW18ES2VH*	AW24ES2VH*
Cooling	Rated Capacity Btu/hr	9,000	12,000	17,000	22,000
	Capacity Range Btu/hr	3800-12100	4,100-14,680	7,000-23,000	6,500-28,600
	Rated Power Input W	610(280-1150)	910(290-1,200)	1,350(420-2,100)	1,760(540-2,760)
	SEER	23.5	23.0	21.0	20.0
	EER	14.5	12.5	12.6	12.5
	Moisture Removal Pt./h	2.50	3.40	4.23	5.92
Heating	Rated Heating Capacity 47°F Btu/hr	10,000	16,000	22,000	27,700
	Heating Capacity Range Btu/hr	4100-15000	4,430-19,800	5,400-26,400	6,800-34,800
	Rated Power Input W	650(290-1200)	1,250(300-1,300)	1830(400-2,900)	2,350(640-3,170)
	HSPF	12.0	11.0	11.0	10.0
	Rated Heating Capacity 17°F Btu/hr	7,400	12,220	14,000	18,500
	Max. Heating Capacity 17°F Btu/hr	10,000	13,120	19,600	26,000
Max. Heating Capacity 5°F Btu/hr	10,000	10,160	14,900	20,500	
Operating Range	Cooling °F(°C)	14-115(-10-46)	14-115(-10-46)	14-115(-10-46)	14-115(-10-46)
	Heating °F(°C)	-4-75(-20-24)	-4-75(-20-24)	-4-75(-20-24)	-4-75(-20-24)
Power Supply	Voltage, Cycle, Phase V/Hz/-	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
	Minimum Circuit Amp A	15	15	18	21
	Outdoor Fan Speed RPM	300-900	300-900	300-850	300-800
	Outdoor Noise Level dB	51	51	52	53
	Dimension: Height in (mm)	23 1/2 (597)	23 1/2 (597)	27 7/16 (697)	30 (762)
	Dimension: Width in (mm)	30 11/16 (780)	30 11/16 (780)	35 (890)	36 3/16 (920)
	Dimension: Depth in (mm)	11 7/16 (290)	11 7/16 (290)	13 7/8 (353)	15 1/8 (385)
	Weight (Ship/Net)- lbs (kg)	84.8/78.2 (38.5/ 35.5)	84.8/78.2 (38.5/ 35.5)	105.4/96.6(47.8/43.8)	134.5/125.7(61/57)
Indoor Unit	Fan Speed Stages	5 + Auto	5 + Auto	5 + Auto	5 + Auto
	Airflow (Turbo/High/Med/Low/Quiet) CFM	440/410/350/290/265	610/530/440/410/350	710/650/560/440/410	710/650/560/440/410
	Motor Speed (Turbo/High/Med/Low/Quiet) RPM	1150/1050/900/750/650	1150/1050/900/750/650	1100/950/850/750/700	1250/1150/1000/850/800
	Indoor Sound Level dB (Turbo/High/Med/Low/ Quiet)	44/40/35/31/23	45/41/36/32/23	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)
	Dimension: Width in (mm)	35 7/16(900)	35 7/16(900)	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)
	Weight (Ship/Net)- lbs (kg)	30.9/25.4 (14/ 11.5)	30.9/25.4 (14/ 11.5)	43.2/35.3 (19.6/16)	45.4/37.5 (20.6/17)
	Refrigerant Lines	Connections	Flare	Flare	Flare
Liquid O.D. in		1/4	1/4	1/4	1/4
Suction O.D. in		3/8	3/8	1/2	1/2
Factory Charge Oz		38.8	38.8	52.2	74.1
Maximum Line Length Ft / m		50/15	50/15	83/25	83/25
Maximum Height Ft / m		33/10	33/10	50/15	50/15

Features and specifications are subject to change.



FEATURES & BENEFITS



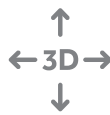
14°F COOLING

Low ambient cooling down to 14°F



-4°F HEATING

Low ambient heating down to -4°F



3-D AIR FLOW

Delivers air vertically and horizontally for even distribution throughout the room



QUIET MODE

Minimizes indoor noise while maintaining comfort levels



BLUE FIN

A hydrophilic aluminum fin, ensures condensing water flows smoothly



AUTO-CHANGEOVER

Automatically alternates from heating to cooling to maintain the set temperature



TURBO MODE

Cools or heats the room quickly



WARM START

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



LONG DISTANCE AIR SUPPLYING

Optimized fan motor and air duct design allows long distance airflow up to 60 feet+



100% HEATING AT 5°F

Provide 100% heating at low ambient 5°F



BASE PAN HEATER

Prevents condensated water from freezing and blocks the hole on the base when the outdoor temperature is low



EASY INSTALLATION CLIP

Helps install a much better view in the backside of the unit and saves time and effort during installation service



A-PAM DC INVERTER

Latest high efficiency DC inverter technology



AUTO LOUVER

Automatically adjusts airflow upward when cooling, or downward when heating



CHILD LOCK

Prevents unintended and unsupervised use



SLEEP MODE

Ensures a comfortable environment during sleeping



2-WAY PIPING DRAIN

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



HEALTHY FILTER

Multiple choices of filters available and ensures the best indoor air quality use



24 HOUR TIMER

Timer function to set on or off within 24 hours



DRY FUNCTION

Reduces indoor humidity level



SELF-CLEANING EVAPORATOR

Dust on evaporator will be removed by flowing water



SELF-DIAGNOSIS

The LED display can also show the error code and provide an easier way to service the unit.



PRECISE CONTROL

Accurate indoor temperature control allows +/- °F pr 0.5°C



OPTIONAL WIRED REMOTE CONTROLLER

Sleek looking thermostat to control the ductless split system



OPTIONAL WIFI CONTROL

Remotely control ductless system from any smart phone or tablet

Talk to Our Product Support Experts

Email ductless@haieramerica.com

Visit www.haierductless.com