



Marvair Wall Mounted Air Conditioners Product Selection Guide

07.03.18 Rev.5

Product Family	Model	Efficiency	Nominal Cooling Capacities - BTUH's	Primary Use				Compressor		IBM		Economizer		ERV		Compatible Thermostats/Controllers					
				A	B	C	D	1-Stage	2-Stage	48 VDC	208/230 VAC	Yes	No	GreenWheel	GreenCube	CommStat 3	CommStat 4	CommStat Touch	CommStat 6	CoolLinks	Single Unit Thermostat
AVPA	ComPac I*	9.00 - 9.50 ¹	12,000 to 60,000	X	X	X		X			X		X			X	X	X	X		X
	ComPac II**	9.00 - 9.50 ¹	12,000 to 60,000	X				X			X	X				X	X	X	X		X
	ComPac I*	10.00 ¹	72,000	X		X		X			X		X			X	X	X	X		X
	ComPac II**	10.00 ¹	72,000	X				X			X	X				X	X	X	X		X
	GreenPac	9.25 - 9.50 ¹	24,000 to 60,000		X			X			X		X	X							X
	GreenPac HGR	9.00 - 9.50 ¹	24,000 to 60,000		X			X			X		X	X							X
	ModPac II	9.00 - 9.50 ¹	12,000 to 60,000		X			X			X		X								X
AVHA	ComPac I*	10.00 ¹	12,000 to 60,000	X				X			X					X	X	X	X		X
	ComPac II**	10.00 ¹	12,000 to 60,000	X				X			X	X				X	X	X	X		X
HVEA	ComPac I*	10.50 - 11.75 ¹	24,000 to 60,000	X	X			X			X		X			X	X	X	X		X
	ComPac II**	10.50 - 11.75 ¹	24,000 to 60,000	X	X			X			X	X				X	X	X	X		X
	GreenPac	10.50 - 11.75 ¹	24,000 to 60,000		X			X			X		X	X							X
	GreenPac HGR	10.50 - 11.75 ¹	24,000 to 60,000		X			X			X		X	X							X
HVESA	ComPac I*	12.90 - 16.00 ²	36,000 to 72,000	X	X			X			X		X			X	X	X	X		X
	ComPac II**	12.90 - 16.00 ²	36,000 to 72,000	X	X			X			X	X				X	X	X	X		X
	GreenPac	14.00 - 16.00 ²	36,000 to 60,000		X			X			X		X	X							X
	GreenPac HGR	14.00 - 16.00 ²	36,000 to 60,000		X			X			X		X	X							X
AVHSA	ComPac II**	11.00 ¹	72,000	X				X			X	X				X	X	X	X		X
AVHDA	ComPac I*	10.00	90,000	X				X ^{†††}			X	X					X	X	X		X
	ComPac II**	10.00	90,000	X				X ^{†††}			X		X				X	X	X		X
ASDCA	ComPac II**	10.00 ¹	36,000 to 72,000	X				X			X	X									X
ASDCHA	ComPac II**	10.00 ¹	36,000 to 60,000	X				X			X	X									X
HSDCA	ComPac II**	10.50 - 11.50 ¹	36,000 to 60,000	X				X			X	X									X
AVGA	GPac	9.00 - 9.60 ¹	24,000 to 60,000		X			X			X	X									X
MVS [†]	MVS	N/A	60,000 to 240,000			X		X			X		X								X
MVW ^{††}	MVW	N/A	60,000 to 240,000			X		X			X		X								X

*ComPac I units have a barometric damper that allows up to 15% of rated air flow of outside air to be brought into the building.

**ComPac II units have an economizer that can introduce up to 100% of rated air flow of outside air into the building.

[†]Air Source

[†]EER = Energy Efficiency Ratio

^{††}Water Source

^{††}IPLV = Integrated Part Load Value

^{†††}Dual Compressors

Note: All air conditioners and heat pumps have the option of electric heat. The AVGA (GPac) has gas heat.

Note: Economizer is standard on all ComPac II models, and is *optional* on the AVGA GPac.

For detailed product specifications and performance data, download the Product Data Sheet from www.marvair.com

A = Telecom/Equipment Shelters

B = School or Comfort

C = Industrial

D = Marine

IBM = Indoor Blower Motor

ERV = Energy Recover Ventilator



Marvair Wall Mounted Heat Pumps Product Selection Guide

07.03.18 Rev.5

Product Family	Model	Efficiency	Nominal Cooling Capacities - BTUH's	Primary Use	Compressor		Economizer		ERV		Thermostat/Controller	
				School or Comfort	Single Stage	2-Stage	Yes (optional)	No	GreenWheel	GreenCube	Thermostat	MAR7000
AVPA	Classic	9.30 ¹	24,000	X	X		X		X		X	X
AVHA	Classic	10.00 - 10.20 ¹	36,000 to 59,000	X	X		X				X	X
HVPA	Classic	10.50 - 11.50 ¹	24,000 to 60,000	X	X		X		X		X	X
HVPSA	Classic	13.60 - 15.00 ²	24,000 to 60,000	X		X	X		X	X	X	X

Note: All air conditioners and heat pumps have the option of electric heat.

¹EER = Energy Efficiency Ratio

⁴IPLV = Integrated Part Load Value

ERV = Energy Recovery Ventilator

For detailed product specifications and performance data, download the Product Data Sheet from www.marvair.com



Marvair Scholar Interior Wall Mounted Air Conditioners & Heat Pumps Product Selection Guide

07.03.18 Rev.5

Product Family	Model	Efficiency	Nominal Cooling Capacities - BTUH's	System Type		Heat Options		Primary Use	Compressor			Source		ERV		Compatible Thermostats/Controllers		
				AC	HP	Electric	Hot Water	School or Comfort	Single Stage	2-Stage	Variable Flow	Air	Water	GreenWheel	GreenCube	Thermostat	MAR7000	Integrated HMI Display
VAIVA	Scholar V	19.502	36,000 - 60,000	X	X	X		X			X	X		X	X			X
VAISA	Scholar III	14.00 - 14.50 ²	24,000 to 60,000	X	X	X	X	X		X		X		X	X	X	X	
VACA	Scholar QV	9.00 - 9.75 ¹	24,000 to 60,000	X	X	X	X	X	X			X		X		X	X	
VAHA	Scholar QV	9.50 - 10.00 ¹	24,000 to 60,000	X	X	X	X	X	X			X		X		X	X	
VWISA	GeoScholar III	16.75 - 17.50 ²	36,000 to 60,000		X	X		X		X		X		X		X	X	
VWCSA	GeoScholar QV	15.50 - 16.50 ²	24,000 to 60,000		X	X		X		X		X		X		X	X	

¹EER = Energy Efficiency Ratio
²IPLV = Integrated Part Load Value

AC = Air Conditioner
 HP = Heat Pump

ERV = Energy Recovery Ventilator

For detailed product specifications and performance data, download the Product Data Sheet from www.marvair.com