

## Residential air conditioners and dehumidifiers

2022



PAT AOVIA Series



PAT SHINY Series



WAT Series



DET Series

## > Window Air Conditioner - 5,000BTU to 6,000BTU

WAT Series

Product #		GJC05BV-A6NMNC4B-1	GJC05BV-A6NRNC4B	GJC06BV-A6NRNC5B	GJC06BV-A6NRNC5B-1	GJC06BK-A6NRNC5B	
Series		WAT-M	WAT-BV	WAT-BV	WAT-BV	WAT-B	
2022 New Series		✓	✓	-	✓	✓	
ENERGY STAR		-	-	-	-	✓	
<b>Technical Performance</b>							
Voltage	Volts	115	115	115	115	115	
Cooling capacity	Nominal BTU/hr	5000	5000	6000	6000	6000	
Used cooling power input	Nominal W	450	450	540	540	490	
Used rated input	W	505	505	545	625	600	
Rated current	A	4.5	4.5	5.5	5.5	5.1	
Energy Efficiency Rating	EER	11	11	11	11	12.1	
Air flow volume	m <sup>3</sup> /hr	265 / 225	265 / 245 / 225	250 / 240/ 230	255 / 235 / 215	300 / 280 / 260	
	cfm	156 / 132	156 / 144 / 132	147 / 141 / 135	150 / 138 / 127	177 / 165 / 153	
Dehumidification	l/hr	0.65	0.65	0.85	0.85	0.78	
	pt/hr	1.37	1.37	1.8	1.8	1.65	
Application area	sq. ft. (sq. m)	150 (14)	150 (14)	200 (19)	250 (23)	250 (23)	
Cooling speed	r/min	1550 / 1400	1550 / 1480 / 1400	1550 / 1510 / 1450	1520 / 1460 / 1400	1100 / 970 / 8 50	
Sound level	dB (A)	65 / 63	65 / 64 / 63	66 / 64 / 63	65 / 64 / 63	66 / 64 / 62	
Operating ambient temperature	°C (°F)	65 - 104 (18 - 40)	65 - 104 (18 - 40)	65 - 86 (18 - 30)	65 - 104 (18 - 40)	65 - 104 (18 - 40)	
Refrigerant		R32	R32	R32	R32	R32	
<b>Functions</b>							
Control		Mecanic	Electronic	Electronic	Electronic	Electronic	
Auto fan		✓	✓	✓	✓	✓	
Timer		-	✓	✓	✓	✓	
Energy saving mode		-	✓	✓	✓	✓	
Fan Speeds Mode with X speeds		2	3	3	3	3	
Dehumidity		-	✓	✓	✓	✓	
I FEEL		-	✓	✓	✓	✓	
Night mode		-	✓	✓	✓	✓	
Memory		-	✓	✓	✓	✓	
Self-diagnosis		-	✓	✓	✓	✓	
<b>Includes</b>							
Washable filter		✓	✓	✓	✓	✓	
Remote control with battery		-	✓	✓	✓	✓	
Window filling panel		✓	✓	✓	✓	✓	
Mounting hardware		✓	✓	✓	✓	✓	
<b>Dimension</b>							
Product dimension	W x H x D	in. (mm)	16.063 x 11.89 x 13.7 (408 x 302 x 348)	16.063 x 11.89 x 13.7 (408 x 302 x 348)	16.063 x 11.89 x 13.6 (408 x 302 x 348)	16.063 x 11.89 x 13.7 (408 x 302 x 348)	18.583 x 12.756 x 15.748 (472 x 324 x 400)

## > Window Air Conditioner - 8,000BTU

WAT Series



Product # <sup>v</sup>		GJC08BK-A6NRNC5C	GJC08BK-A6NRNC5B	GJC08BK-A6NRNC5D	GJC08BU-A6NRNJ2A
Series		WAT B	WAT B	WAT B	WAT BU
2022 New Series		✓	-	✓	✓
ENERGY STAR		-	✓	✓	✓
<b>Technical Performance</b>					
<b>Voltage</b>	<b>Volts</b>	115	115	115	115
<b>Cooling capacity</b>	Nominal <b>BTU/hr</b>	8000	8000	8000	8000
<b>Used cooling power input</b>	Nominal <b>W</b>	730	660	660	660
<b>Used rated input</b>	<b>W</b>	900	850	850	780
<b>Rated current</b>	<b>A</b>	7.4	6.6	6.6	6.9
<b>Energy Efficiency Rating</b>	<b>EER</b>	11	12.1	12	12
<b>Air flow volume</b>	<b>m<sup>3</sup>/hr</b>	360 / 340 / 320	360 / 340 / 320	360 / 340 / 320	360 / 340 / 320
	<b>cfm</b>	212 / 200 / 188	212 / 200 / 188	212 / 200 / 188	212 / 200 / 188
<b>Dehumidification</b>	<b>l/hr</b>	1.17	1.17	1.17	1.15
	<b>pt/hr</b>	2.473	2.473	2.473	2.43
<b>Application area</b>	<b>sq. ft. (sq. m)</b>	350 (32)	300 (28)	350 (32)	350 (32)
<b>Cooling speed</b>	<b>r/min</b>	1610 / 1420 / 1230	1600 / 1500 / 1400	1600 / 1500 / 1400	1450 / 1330 / 1100
<b>Sound level</b>	<b>dB (A)</b>	72 / 66 / 63	69 / 66 / 63	72 / 66 / 63	59 / 57 / 52
<b>Operating ambient temperature</b>	<b>°C (°F)</b>	65 - 104 (18 - 40)	65 - 104 (18 - 40)	65 - 104 (18 - 40)	65 - 104 (18 - 40)
<b>Refrigerant</b>		R32	R32	R32	R32
<b>Functions</b>					
<b>Control</b>		Electronic	Electronic	Electronic	Electronic
<b>Auto fan</b>		✓	✓	✓	✓
<b>Timer</b>		✓	✓	✓	✓
<b>Energy saving mode</b>		✓	✓	✓	✓
<b>Fan Speeds Mode with X speeds</b>		3	3	3	3
<b>Dehumidity</b>		✓	✓	✓	✓
<b>I FEEL</b>		✓	✓	✓	✓
<b>Night mode</b>		✓	✓	✓	✓
<b>Memory</b>		✓	✓	✓	✓
<b>Self-diagnosis</b>		✓	✓	✓	✓
<b>Includes</b>					
<b>Washable filter</b>		✓	✓	✓	✓
<b>Remote control with battery</b>		✓	✓	✓	✓
<b>Window filling panel</b>		✓	✓	✓	✓
<b>Mounting hardware</b>		✓	✓	✓	✓
<b>Dimension</b>					
<b>Product dimension</b>	W x H x D	<b>in. (mm)</b> 18.583 x 12.756 x 15.748 (472 x 324 x 400)	18.583 x 12.756 x 15.748 (472 x 324 x 400)	18.583 x 12.756 x 15.748 (472 x 324 x 400)	21.339 x 13.74 x 18.779 (542 x 349 x 477)

## > Window Air Conditioner - 10,000BTU to 12,000BTU

WAT Series

Product # <sup>v</sup>		GJC10BL-A6NRNC5H	GJC12BR-A6NRNC5C
Series		WAT-B	WAT-B
2022 New Series		✓	-
ENERGY STAR		✓	✓
<b>Technical Performance</b>			
<b>Voltage</b>	<b>Volts</b>	115	115
<b>Cooling capacity</b>	Nominal <b>BTU/hr</b>	10000	12100
<b>Used cooling power input</b>	Nominal <b>W</b>	825	1000
<b>Used rated input</b>	<b>W</b>	1100	1150
<b>Rated current</b>	<b>A</b>	8.9	10.3
<b>Energy Efficiency Rating</b>	<b>EER</b>	12	12.1
<b>Air flow volume</b>	<b>m<sup>3</sup>/hr</b>	450 / 420 / 390	500 / 450 / 400
	<b>cfm</b>	265 / 247 / 230	294 / 265 / 235
<b>Dehumidification</b>	<b>l/hr</b>	1.44	1.76
	<b>pt/hr</b>	3.04	3.72
<b>Application area</b>	<b>sq. ft. (sq. m)</b>	450 (41)	500 (46)
<b>Cooling speed</b>	<b>r/min</b>	1620 / 1520 / 1420	1550 / 1450 / 1350
<b>Sound level</b>	<b>dB (A)</b>	69 / 67 / 65	69 / 67 / 65
<b>Operating ambient temperature</b>	<b>°C (°F)</b>	65 - 104 (18 - 40)	66 - 104 (18 - 40)
<b>Refrigerant</b>		R32	R32
<b>Functions</b>			
<b>Control</b>		Electronic	Electronic
<b>Auto fan</b>		✓	✓
<b>Timer</b>		✓	✓
<b>Energy saving mode</b>		✓	✓
<b>Fan Speeds Mode with X speeds</b>		3	3
<b>Dehumidity</b>		✓	✓
<b>I FEEL</b>		✓	✓
<b>Night mode</b>		✓	✓
<b>Memory</b>		✓	✓
<b>Self-diagnosis</b>		✓	
<b>Includes</b>			
<b>Washable filter</b>		✓	✓
<b>Remote control with battery</b>		✓	✓
<b>Window filling panel</b>		✓	✓
<b>Mounting hardware</b>		✓	✓
<b>Dimension</b>			
<b>Product dimension</b>	W x H x D	<b>in. (mm)</b>	19.016 x 14.567 x 21.259 (483 x 370 x 540)
			21.339 x 15.748 x 21.457 (542 x 400 x 545)



## > Portable Air Conditioner - 5,000BTU to 6,000BTU

PAT SHINY Series

Product #		GPC05AK-A3NNA1C	GPC05AK-A6NNA1A	GPC06AK-A3NNA1C	GPC06AK-A6NNA1A
Series		PAT Shiny	PAT Shiny WiFi	PAT Shiny	PAT Shiny WiFi
2022 New Series		-	✓	-	✓
<b>Technical Performance</b>					
Voltage		Volts	115	115	115
Heating capacity	Nominal	BTU	-	-	-
Cooling capacity (SACC)	Nominal	BTU/hr	5000	5000	6000
Cooling capacity (Ashrae-128)	Nominal	BTU/hr	8000	8000	10000
Used cooling power input	Nominal	W	760	820	900
Used rated input		W	1050	1060	1250
Rated current		A	11.5	9	10.8
Energy Efficiency Rating (CEER)	Nominal	BTU/hr	6.1	6.1	6.6
Energy Efficiency Rating		EER	9.4	9.4	9.4
Air flow volume		m <sup>3</sup> /hr	350 / 320 / 290	350 / 320 / 290	350 / 320 / 290
		cfm	206 / 188 / 171	206 / 188 / 171	206 / 188 / 171
Dehumidification		l/hr	1.1	1.1	1.35
		pt/hr	2.32	2.32	2.85
Application area		sq. ft. (sq. m)	300 (28)	300 (28)	350 (32)
Cooling speed		r/min	1300 / 1200 / 1100	1300 / 1200 / 1100	1300 / 1200 / 1100
Sound level		dB (A)	65 / 64 / 63	65 / 64 / 63	63 / 62 / 61
Operating ambient temperature		°C (°F)	16 - 35 (61 - 95)	16 - 35 (61 - 95)	16 - 35 (61 - 95)
Refrigerant			R410A	R32	R410A
<b>Functions</b>					
WiFi			-	✓	-
Cooling			✓	✓	✓
Dehumidity			✓	✓	✓
Timer			✓	✓	✓
3 fan speeds			✓	✓	✓
Auto fan			✓	✓	✓
Memory			✓	✓	✓
Self-diagnosis			✓	✓	✓
<b>Includes</b>					
Remote control with battery			✓	✓	✓
Window filling panel			✓	✓	✓
Mounting hardware			✓	✓	✓
<b>Dimension</b>					
Product dimension	W x H x D	in. (mm)	12.402 x 30.315 x 15.551 (315 x 770 x 395)	12.402 x 30.315 x 15.551 (315 x 770 x 395)	12.402 x 30.315 x 15.551 (315 x 770 x 395)

## > Portable Air Conditioner - 8,000BTU

PAT SHINY Series

Product #	GPC08AL-A3NNA1B	GPC08AL-A3NNA1B-1	GPH08AL-A3NNA1B
Series	PAT Shiny	PAT Shiny WiFi	PAT Shiny with heat pump
2022 New Series	-	✓	-

### Technical Performance

Parameter	Unit	GPC08AL-A3NNA1B	GPC08AL-A3NNA1B-1	GPH08AL-A3NNA1B
Voltage	Volts	115	115	115
Heating capacity	Nominal BTU	-	-	10000
Cooling capacity (SACC)	Nominal BTU/hr	8000	8000	8000
Cooling capacity (Ashrae-128)	Nominal BTU/hr	11000	11000	11050
Used cooling power input	Nominal W	1120	1120	1150
Used rated input	W	1250	1250	1250
Rated current	A	10	10	10.5
Energy Efficiency Rating (CEER)	Nominal BTU/hr	6.8	6.8	6.3
Energy Efficiency Rating	EER	-	-	-
Air flow volume	m <sup>3</sup> /hr	455 / 390 / 320	455 / 390 / 320	455 / 390 / 320
	cfm	268 / 230 / 188	268 / 230 / 188	268 / 230 / 188
Dehumidification	l/hr	1.75	1.75	1.75
	pt/hr	3.7	3.7	3.7
Application area	sq. ft. (sq. m)	450 (41)	450 (41)	450 (41)
Cooling speed	r/min	1350 / 1150 / 950	1350 / 1150 / 950	1350 / 1150 / 950
Sound level	dB (A)	67 / 65 / 62	67 / 65 / 62	67 / 65 / 62
Operating ambient temperature	°C (°F)	16 - 35 (61 - 95)	16 - 35 (61 - 95)	16 - 35 (61 - 95)
Refrigerant		R410A	R410A	R410A

### Functions

Function	GPC08AL-A3NNA1B	GPC08AL-A3NNA1B-1	GPH08AL-A3NNA1B
WiFi	-	✓	-
Cooling	✓	✓	✓
Dehumidity	✓	✓	✓
Timer	✓	✓	✓
3 fan speeds	✓	✓	✓
Auto fan	✓	✓	✓
Memory	✓	✓	✓
Self-diagnosis	✓	✓	✓

### Includes

Item	GPC08AL-A3NNA1B	GPC08AL-A3NNA1B-1	GPH08AL-A3NNA1B
Remote control with battery	✓	✓	✓
Window filling panel	✓	✓	✓
Mounting hardware	✓	✓	✓

### Dimension

Product dimension	W x H x D	in. (mm)	GPC08AL-A3NNA1B	GPC08AL-A3NNA1B-1	GPH08AL-A3NNA1B
			15.354 x 32.283 x 15.945 (390 x 820 x 405)	15.354 x 32.283 x 15.945 (390 x 820 x 405)	15.354 x 32.283 x 15.945 (390 x 820 x 405)

## > Portable Air Conditioner

PAT AOVIA Series



Product #		GPC04AP-A6NNA1A	GPC05AP-A6NNA1A	GPC06AP-A6NNA1A	GPC08AO-A3NNA1A	
Series		PAT Aovia AP	PAT Aovia AP	PAT Aovia AP	PAT Aovia AO	
2022 New Series		✓	✓	✓	✓	
<b>Technical Performance</b>						
<b>Voltage</b>		Volts	115	115	115	115
<b>Heating capacity</b>	Nominal	BTU	-	-	-	-
<b>Cooling capacity (SACC)</b>	Nominal	BTU/hr	4000	5000	6000	8000
<b>Cooling capacity (Ashrae-128)</b>	Nominal	BTU/hr	6000	9000	10000	12000
<b>Used cooling power input</b>	Nominal	W	720	820	880	1080
<b>Used rated input</b>		W	940	1060	1250	1400
<b>Rated current</b>		A	8	9	11	13.5
<b>Energy Efficiency Rating (CEER)</b>	Nominal	BTU/hr	5.7	6.1	6.4	7.3
<b>Energy Efficiency Rating</b>		EER	9.21	9.21	9.9	-
<b>Air flow volume</b>		m <sup>3</sup> /hr	280 / 260 / 240	280 / 260 / 240	280 / 260 / 240	470 / 385 / 330
		cfm	164.78 / 153.01 / 141.24	164.78 / 153.01 / 141.24	164.78 / 153 / 141	277 / 227 / 194
<b>Dehumidification</b>		l/hr	1	1	1.2	1.6
		pt/hr	2.113	2.113	2.54	3.38
<b>Application area</b>		sq. ft. (sq. m)	200 (18)	300 (28)	350 (32)	450 (41)
<b>Cooling speed</b>		r/min	1300 / 1200 / 1100	1300 / 1200 / 1100	1300 / 1200 / 1100	980 / 840 / 720
<b>Sound level</b>		dB (A)	64 / 62 / 61	64 / 62 / 61	64 / 62 / 61	67 / 65 / 62
<b>Operating ambient temperature</b>		°C (°F)	16 - 35 (61 - 95)	16 - 35 (61 - 95)	16 - 35 (61 - 95)	16 - 35 (61 - 95)
<b>Refrigerant</b>			R32	R32	R32	R32
<b>Functions</b>						
<b>Control</b>			✓	✓	✓	✓
<b>Cooling</b>			✓	✓	✓	✓
<b>Dehumidity</b>			✓	✓	✓	✓
<b>Timer</b>			✓	✓	✓	✓
<b>3 fan speeds</b>			✓	✓	✓	✓
<b>Auto fan</b>			-	-	-	-
<b>Memory</b>			✓	✓	✓	✓
<b>Self-diagnosis</b>			✓	✓	✓	✓
<b>Includes</b>						
<b>Remote control with battery</b>			✓	✓	✓	✓
<b>Window filling panel</b>			✓	✓	✓	✓
<b>Mounting hardware</b>			✓	✓	✓	✓
<b>Dimension</b>						
<b>Product dimension</b>	W x H x D	in. (mm)	11.26 x 27.559 x 12.598 (286 x 700 x 320)	11.26 x 27.559 x 12.598 (286 x 700 x 320)	11.26 x 27.559 x 12.598 (286 x 700 x 320)	15.472 x 31.653 x 16.732 (393 x 804 x 425)

## > Portable Dehumidifier

DET Series



Product #		GDN22AZ-A3EBA2C	GDN22AZ-A3EBA2B	GDN35AZ-A3EBA2A	GDN35AZ-A3EBA2B	GDN50BA-A3EBA2D	
Series		DET	DET	DET	DET	DET	
2022 New Series		✓	✓	-	✓	✓	
ENERGY STAR		✓	Most Efficient	✓	✓	✓	
<b>Technical Performance</b>							
Voltage	Volts	115	115	115	115	115	
Rated dehumidification capacity	L/D	10.6	11.1	16.6	16.6	23.5	
	Pint/D	22.3	23.5	35.02	35.02	49.58	
Power input	W	265	250	370	370	530	
Rated current	A	2.4	2.3	3.5	3.5	4.6	
Air flow volume	m <sup>3</sup> /hr	180 / 160 / 140	180 / 160 / 140	230 / 205 / 175	230 / 205 / 175	365 / 305 / 280	
	cfm	106 / 94 / 82	106 / 94 / 82	135 / 121 / 103	135 / 121 / 103	215 / 179 / 165	
Application area	sq. ft. (sq. m)	388 - 452 (36 - 42)	388 - 452 (36 - 42)	603 - 732 (56 - 68)	603 - 732 (56 - 68)	538 - 861 (50 - 80)	
Sound level	dB (A)	58 / 56 / 55	58 / 56 / 55	61 / 59 / 57	62 / 60 / 58	61 / 59 / 57	
Refrigerant		R410A	R410A	R410A	R410A	R410A	
<b>Functions</b>							
Control		✓	✓	✓	✓	✓	
Water level indicator		✓	✓	✓	✓	✓	
Removable bucket		✓	✓	✓	✓	✓	
External drain connector		✓	✓	✓	✓	✓	
Water full indicator		✓	✓	✓	✓	✓	
Memory		✓	✓	✓	✓	✓	
Timer		✓	✓	✓	✓	✓	
Automatic defrost		✓	✓	✓	✓	✓	
Real-time display of ambient humidity		✓	✓	✓	✓	✓	
Tank filled protection		✓	✓	✓	✓	✓	
Self-diagnosis		✓	✓	✓	✓	✓	
Wi-Fi option		✓	✓	✓	✓	✓	
<b>Dimension</b>							
Product dimension	W x H x D	in. (mm)	13.38 x 19.49 x 9,80 (340 x 495 x 250)	13.39 x 19.49 x 9,81 (340 x 495 x 250)	13.39 x 19.49 x 9,81 (340 x 495 x 250)	13.39 x 19.49 x 9,81 (340 x 495 x 249)	15.75 x 24.00 x 11.38 (400 x 610 x 289)