



Keep Pure Mind, Enjoy Your Life



Puremind Technology Co., Ltd. Zhuhai

✉ melody@puremind.com

Puremind Technology Co., Ltd. Zhuhai, is located in Guangdong Province, China. Guided by technological innovation were devoted to providing high-quality refrigeration equipment to service attitude to successfully sell independent brand Puremind air conditioners to all over the world.



Keep Pure Mind, Enjoy Your Life



Puremind Product Catalog

Guided by technological innovation is devoted to providing high-quality refrigeration equipment to the customers.



COMPANY PROFILE

Puremind Technology Co., Ltd. Zhuhai



COMPANY PROFILE

Puremind has more than 10 years of experience in the air conditioner industry with an annual turnover exceeding 100 million dollars. Our factory and products have passed the international authoritative third-party certification, with more than 30 invention patents and many utility model patents, product quality reaches the international advanced level, ensuring quality and reliability. We are committed to providing high-quality air conditioner and design solutions, and have earned widespread trust and support.

1500+

Square Meter
Production Bases

2000+

Units Production
Capacity
Per Month

80+

Sets of Intelligent
Processing
Equipment



SOURCE MANUFACTURER

We have a professional team of more than 100 people, including an experienced air conditioners research and development team, a professional air conditioner engineering design team, and an effective sales and service team. The air conditioners produced by our company have ErP, CE, CB, ISO, SA and other relevant certifications to meet the requirements of different countries. In addition, we can also provide powerful customers with LOGO, label, packaging design, supply air conditioning products in the form of OEM.



GOOD COOPERATIVE PARTNERS

We keep a good relationship with Gree, Midea, TCL, Daikin and so on. Long-term cooperation and development have enabled us to offer more types of air conditioners with mature and quality assurance for customers to choose from. The wall-mounted air conditioners are our main products, and we also offer solar air conditioners, central air conditioners, air handling units, RV air conditioners, marine air conditioners, floor standing air conditioners, ducted air conditioners, water chiller units and more.



普曼德科技有限公司
Puremind Technology Co., Ltd. Zhuhai

CUSTOMERS ALL OVER THE WORLD

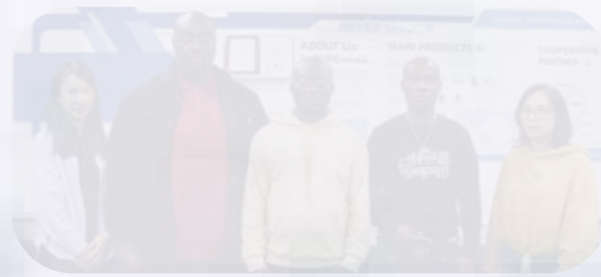
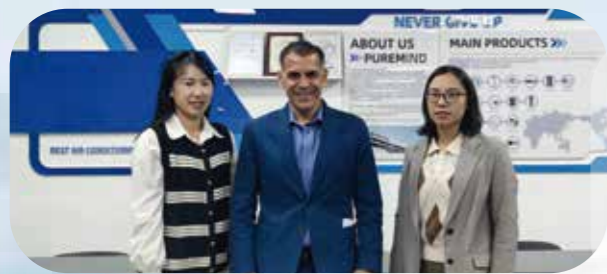
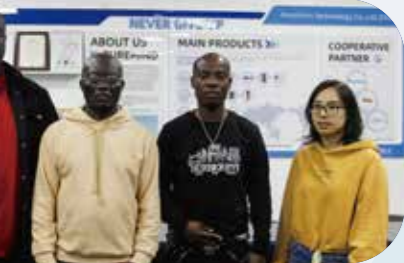
We serve many engineering and distributor customers. Sales outlets all over the world, mainly in Europe, America, Asia, Africa, Oceania and other regions of hot sales. We work closely with our customers to promote the diversity of market areas.

150+

Number of exporting countries

5000+

Number of customers



CUSTOMER FEEDBACK

We strive to make every customer experience worthy of 5-stars. If you were happy with the service you received from anyone on our team, please let us know. It means the world to us. If you felt we missed the mark, please contact us right away so we can do our best to make things right and earn your 5-star rating.

★ ★ ★ ★ ★
4.8

Overall Rating

98%

Positive Evaluation Rate

90%

Repurchase Rate

200%

Customer Growth Rate

Air Conditioner
★★★★★
This unit is awesome, everything in t

Puremind 36000Btu 48000Btu 60000Btu HVAC...
★★★★★
Worked perfectly and made life easier. Recommended!

Puremind R410a 9000Btu to 24000Btu Split Sy...
★★★★★
very good

Puremind Wholesale 9000-24000BTU General ...
★★★★★
Highly recommend the product and seller. Prompt shipping and delivery.

Puremind R32 Full DC Inverter Split
★★★★★
good quality product

Puremind DC Inverter Air to Water Heat Pump f...
★★★★★
Hello,
the heat pump has arrived! Everything OK! The packaging was great and there is nothing busy from the out side.
Thank you!
Best regards
Viktor

Gree Wholesales VRF VRV Industri
★★★★★
All products appear solid and well made.

PUREMIND INTRODUCTION

COMPANY PROFILE

Puremind Technology Co., Ltd. Zhuhai

- 10 Years+ Engaged In the Air Conditioning System
- 30+ Products: Central / Home / RV / Marine / Portable Air Conditioner + Heat pump
- 100+ People : Own R&D team, Production Equipment and Professional Sales Team
- Certificate Customization : ErP/CE/CB/ISO/SA
- Best Product Quality & Sincere Aftersale Service



FACTORY SHOW



Split Air Conditioner

PTW Air Conditioner	02
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Solar Air Conditioner

PSW Air Conditioner	15
PGP Air Conditioner	19



Air Source Heat Pump

PKKP Split Heat Pump	39
PGKP Monoblock Heat Pump	41
PPKP Monoblock Heat Pump	43
Heat Pump Water Heater	45



AHU x RTU

Air Handler Unit	49
Rooftop Package Unit	51



Industrial Chiller

Air Cooled Screw Chiller	61
Air-cooled Modular Chiller	63
Water Cooled Screw Chiller	65
Water Cooled Scroll Chiller	67



VRF Central Air Conditioner

PGKV Central Air Conditioner	23
Indoor Units	27
PKKV Central Air Conditioner	31
PTKV Central Air Conditioner	35

Contents

Directory



RV Air Conditioner

RV Air Conditioner	71
Truck Air Conditioner	73



Marine Air Conditioner

Marine Air Conditioner	77
------------------------	----



Portable Air Conditioner

Portable Mini Split Air Conditioner	81
Tent Air Conditioner	81

Split Air Conditioner



1.



Common Series

PTW-PAC1	04
PTW-PA61	04
PTW-PA81	04
PTW-PA82	04

EU New Efficiency Series

PTW-PAD1	06
PTW-PP41	11

2.

Common Series



PTW-PAC1



PTW-PA61



PTW-PA81



PTW-PA82

Common Series Specification



R410A Cooling Only DC-Inverter Technical Specification

Model		9000BTU	12000BTU	18000BTU	24000BTU	
Type		Cooling only	Cooling only	Cooling only	Cooling only	
Control type		Remote	Remote	Remote	Remote	
Power supply	Ph-V-Hz	1Ph-220-240V~50Hz	1Ph-220-240V~50Hz	1Ph-220-240V~50Hz	1Ph-220-240V~50Hz	
Voltage Range	V	150~265	150~265	150~265	150~265	
Cooling	Capacity	Btu/h	9000(2047~9895)	12000(2729~13310)	18000(3412~19800)	24000(4095~26000)
	Capacity	W	2640(600~2900)	3517(800~3900)	5276(1000~5803)	7035(1200~7620)
	Rated power Input	W	750(220~1400)	1004(220~1450)	1516(300~2390)	2033(300~2500)
	Rated current	A	3.7(1.0~6.3)	4.9(1.2~6.3)	7.5(1.4~10)	10.1(2.5~12.0)
	EER	W/W	3.52	3.50	3.48	3.46
	Max power Input	W	1400	1450	2390	2500
	Max current	A	6.3	6.3	10	12
Moisture removal	Liters/h	1	1.2	1.6	2.6	
Indoor noise level	dB(A)	34	37	42	45	
Outdoor noise level	dB(A)	46	51	51	52	
Compressor	Type	Rotary	Rotary	Rotary	Rotary	
	Model	35W2	KSK10	GSD11	C-6RZ14	
	Brand	RECHI	GMCC	HITACHI	SANYO	
Expansion device		Capillary	Capillary	Capillary	Capillary	
Indoor air flow (Hi/Mi/Lo)		m3/h	500	850	1050	
Indoor unit	Dimension(W*D*H)	mm	698x255x190	776x250x202	910x294x206	1010x315x220
	Packing (W*D*H)	mm	764x325x267	850x320x275	979x372x277	1096x390x297
	Net/Gross weight	Kg	6.5/8.5	45148	10	13/16
Outdoor unit	Dimension(W*D*H)	mm	722x276x459	787x290x498	795x305x549	853x349x602
	Packing (W*D*H)	mm	765x310x481	818x325x520	835x340x585	890x385x628
	Net/Gross weight	Kg	22.5/26.5	24/28	27/32	32/39
Refrigerant piping	Liquid side/ Gas side	mm(inch)	φ6(1/4")/φ9.52(3/8")	φ6(1/4")/φ9.52(3/8")	φ6(1/4")/φ12(1/2")	φ6(1/4")/φ12(1/2")
	Max. refrigerant pipe length	m	15	15	15	15
	Max. difference in level	m	5	5	5	5
Pressure	High(DP)	MPa	4.5	4.5	4.5	4.5
	Low(SP)	MPa	1.9	1.9	1.9	1.9
Refrigerant			R410A	R410A	R410A	R410A
Ambient temperature		°C	-15~50	-15~50	-15~50	-15~50
Suitable area		m2	9~16	15~23	20~35	30~50
Connecting Wiring		Size x Core number	3x1.5mm2x1500	4x1.0mm ²	4x1.5	3x1.5mm2x2000
Power supply cord			1.0mm2 H05VV-F	AWG16		H07RN-F
Loading Q'ty 20'/40'/40HQ			144/310/366	122/263/310	97/210/247	76/164/193

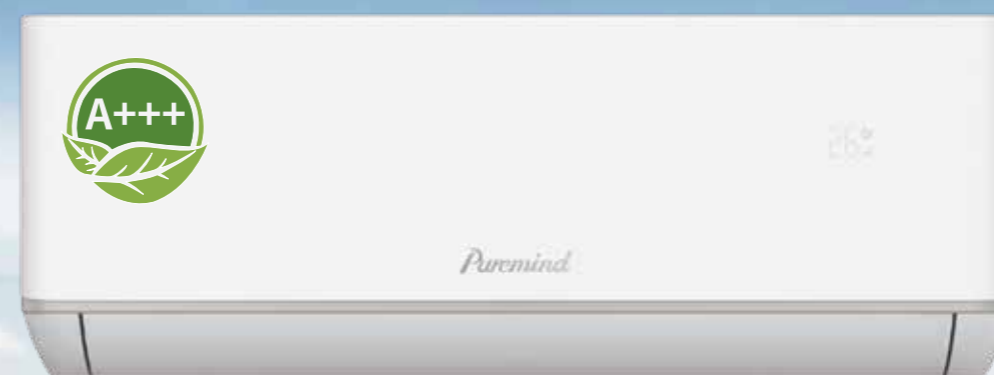
R410A Cooling&Heating DC-Inverter Technical Specification

Model		9000BTU	12000BTU	18000BTU	24000BTU
Type		heating pump	heating pump	heating pump	heating pump
Control type		remote	remote	remote	remote
Rated cooling capacity	Btu/h;W	9000(2800~11500)	12000(3410~13000)	18000(4095~19500)	24000(5120~24900)
Rated heating capacity	Btu/h;W	9500(3210~12500)	12500(3480~13500)	18000(4095~19500)	24000(5120~24900)
EER for cooling	W/W	3.21	3.21	2.82	2.81
COP for heating	W/W	3.61	3.61	3.07	2.81
Moisture removal	Liters/h	1.0	1.2	1.8	2.2
Pressure	High(DP)	MPa	4.5	4.5	4.5
	Low(SP)	MPa	1.9	1.9	1.9
Indoor noise level(S/H/M/L/Mute)	dB(A)	38/35/32/27/25	39/37/34/30/27	43/40/38/35/33	49/47/45/43/41
Outdoor noise level	dB(A)	48	49	52	55
Electrical Data					
Power supply			220~240V~/50Hz/1P	220~240V~/50Hz/1P	220~240V~/50-60Hz/1P
Voltage Range		V	187~265	187~265	198~242
Rated current	Cooling	A	3.8(1.2~7.2)	5.1(1.8~8.0)	8.9(1.4~12.0)
	Heating	A	3.6(1.2~7.5)	4.7(1.8~8.5)	8.1(1.4~12.0)
Rated input	Cooling	W	820(240~1250)	1095(320~1600)	1870(300~2500)
	Heating	W	770(240~1350)	1013(320~1500)	1720(300~2500)
Annual energy consumption(cooling)	kwh	410	548	935	1250
Max Current	Cooling	A	7.2	8.0	12.0
	Heating	A	7.5	8.5	12.0
Max Power input	Cooling	W	1250.0	1600.0	2500
	Heating	W	1350.0	1500.0	2700
Refrigerating&Fan System					
Refrigerant/Charge		kg	R410A/0.480	R410A/0.55	R410A/1.06
Compressor	Type		Rotary	Rotary	Rotary
	Model		35W2ALLB9F#MC	KSK103D33UEZC3	KSN140D33UFZ3
	Brand		RECHI	GMCC	GMCC
Expansion device			Capillary tube	Capillary tube	Capillary tube
Indoor air circulation(Cooling/Heating)		m3/h	430/430	550/550	1300/1300
Connections					
Connecting Pipe	Gas	mm	φ9.52(3/8")	φ9.52(3/8")	φ9.52(3/8")
	Liquid	mm	φ6(1/4")	φ6(1/4")	φ6(1/4")
Connecting Wiring	Size x Core number		4x1.0	4x1.0	3x1.5;4x0.75
Suitable area	m2		9~16	15~23	20~30
Max. refrigerant pipe length	m		15	15	15
Max. difference in level	m		5	5	5
Operation temperature range	°C		16~31	16~31	16~31
Ambient temperature range	Outdoor	°C	Cooling:0~53/Heating:-15~30	Cooling:0~53/Heating:-15~30	Cooling:15~43/Heating:-7~24
	Indoor	°C	Cooling:17~32/Heating:0~30	Cooling:17~32/Heating:0~30	Cooling:17~32/Heating:0~27
"Net dimensions(W x D x H)"	Indoor	mm	698x255x190	777x250x201	910x294x206
	Outdoor	mm	712x276x459	712x276x459	853x349x602
	Indoor	kg	6.5	8	10
Net weight	Outdoor	kg	24	26	28
	Indoor	mm	764x325x257	850x320x275	979x372x277
"Packing dimensions(W x D x H)"	Outdoor(w/o pipe)	mm	765x310x481	765x310x481	890x385x628
	Indoor	kg	8.5	10	13
Gross weight	Outdoor(w/i pipe)	kg	27	29	32
	Indoor	kg	16	16	16
Loading Capacity w/i pipe			20'/40'GP/40'HQ	146/315/371	138/297/349
				82/177/209	76/164/193

EU New Efficiency Series



PTW-PAD1



PTW-PP41





EU New Efficiency **A++**

Puremind Split Air Conditioner



PTW-PAD1

Product Features

- Smart Air Flow
- Safety First Design
- Long Distance Air Supply
- Auto Restart
- Self-clean
- Self-diagnosis
- Sleep Mode
- Remote Control



More Choice
Inverter/Non-Inverter



Functions

Cooling/Heating/Dehumidifying



Capacity

9000/12000/18000/24000Btu



Refrigerant

R32

Specification of European New **A++** Efficiency DC Inverter Split

Model No.		R32 9000BTU	R32 12000BTU	R32 18000BTU	R32 24000BTU	
Part No.		ZZU20101007174	ZZU20101007173	Z4U20101016678	ZZU20101004087	
Type		heating pump	heating pump	heating pump	heating pump	
Control type		remote controller	remote controller	remote controller	remote controller	
Declared cooling capacity	W	2600(940~3300)	3500(1000~3770)	5100(1250~5910)	6810(1830~7800)	
Declared heating capacity	W	2610(940~3360)	3520(1000~3810)	5100(1250~6070)	6870(1850~7900)	
Pdesignc	W	2600	3500	5100	6800	
SEER declared	W/W	6.1	6.1	6.1	6.1	
Energy Class		A++	A++	A++	A++	
EER declared	W/W	3.15	3.01	3.23	3.11	
COP declared	W/W	3.4	3.4	3.71	3.33	
Pdesignh Average	W	2000	2100	3800	4800	
SCOP Average declared	W/W	4.0	4.0	4.0	4.0	
Energy Class(Average)		A+	A+	A+	A+	
Declare capacity(-10℃)	W	1900	2000	3600	4500	
Back up heating capacity(-10℃)	W	100	100	200	300	
Pdesignh warmer	W	2200	2400	5000	5800	
SCOP Warmer declared	W/W	5.1	5.1	5.1	5.1	
Energy Class(Warmer)		A+++	A+++	A+++	A+++	
Declare capacity(2℃)	W	2200	2400	5000	5800	
Back up heating capacity(2℃)	W	0	0	0	0	
Annual energy consumption	Cooling	kwh/a	149	201	293	390
	Average	kwh/a	700	735	1330	1680
	Warmer	kwh/a	604	659	1373	1592
Moisture removal	Liters/h	1	1.2	1.5	1.8	
Indoor sound power(S/H/M/L/Mute)	dB(A)	50/47/43/35/32	50/47/43/35/32	53/50/47/43/36	54/51/48/44/40	
Outdoor sound power	dB(A)	60	60	65	67	
Indoor sound pressure(S/H/M/L/Mute)	dB(A)	40/37/33/25/22	40/37/33/25/22	43/41/38/35/27	44/41/38/34/30	
Outdoor sound pressure	dB(A)	50	50	55	57	
Electrical Data						
Power supply		220-240V~/50Hz/1P	220-240V~/50Hz/1P	220-240V~/50Hz/1P	220-240V~/50Hz/1P	
Power supply side		Outdoor	Outdoor	Outdoor	Outdoor	
Voltage Range	V	165~265	165~265	165~265	165~265	
Operating current	Cooling	A	4.0(1.2~8.0)	5.8(1.5~9.0)	8.1(1.7~12.0)	10.7(2.3~12.3)
	Heating	A	3.8(1.2~9.0)	5.1(1.5~10.0)	7.0(1.7~13.0)	9.9(2.3~13.5)
Power consumption	Cooling	W	825(240~1380)	1130(290~1500)	1580(330~2340)	2257(410~2824)
	Heating	W	767(240~1552)	1005(290~1720)	1374(340~2520)	2063(420~3005)
Refrigerating System						
Refrigerant type/Charge/GWP/CO2 equivalent		R32/0.45kg/675/0.304tonnes	R32/0.49kg/675/0.331tonnes	R32/1kg/675/0.675tonnes	R32/1.14kg/675/0.770tonnes	
Compressor	Type		Rotary	Rotary	Rotary	
	Model		35W2ALLB9F#MC	35W2ALLB9F#MC	KSN140D33UFZ3	
	MFG		RECHI	RECHI	GMCC	
Indoor air circulation	Cooling/heating	m ³ /h	420/420	550/550	800/800	980/980
	Cross Flow		Cross Flow	Cross Flow	Cross Flow	Cross Flow
Indoor fan speed	Cooling	rpm	1400/1300/1100/1000/900	1350/1200/1000/850/750	1400/1260/1050/870/800	1250/1200/1050/950/800
	Heating	rpm	1400/1300/1100/1000/900	1250/1150/1000/900/800	1400/1260/1050/870/800	1250/1200/1050/950/800
	Dry	rpm	1000	850	870	950
Outdoor fan type		Propeller fan	Propeller fan	Propeller fan	Propeller fan	
Outdoor air circulation	m ³ /h	1700	1700	2600	3000	
Outdoor fan speed(S/H/M/L/Mute)	rpm	Cooling:930/930/830/730/630 Heating:930/930/830/730/630	Cooling:1000/910/830/710/710 Heating:950/950/830/710/710	Cooling:910/830/710/630/450 Heating:910/830/710/630/450	Cooling:930/830/690/570/450 Heating:890/830/690/590/450	
Connections						
Connecting Wiring	Core x Size		4×0.75mm ²	4×0.75mm ²	4×0.75mm ²	
Expansion device			Capillary	Capillary	Capillary	
Connecting Pipe	Gas	Inches	3/8"	3/8"	3/8"	
	Liquid	Inches	1/4"	1/4"	1/4"	
Others						
Application area	m ²		9~16	14~22	20~35	
Max. refrigerant pipe length	m		25	25	25	
Max. difference in level	m		10	10	10	
Operation temperature range	℃		16-31	16-31	16-31	
Ambient temperature range	Outdoor	℃	Cooling:-15-53/Heating:-20-30	Cooling:-15-53/Heating:-20-30	Cooling:-15-53/Heating:-20-30	Cooling:-15-53/Heating:-20-30
	Indoor	℃	Cooling:17-32/Heating:0-30	Cooling:17-32/Heating:0-30	Cooling:17-32/Heating:0-30	Cooling:17-32/Heating:0-30
Net dimensions	Indoor	mm	698×255×190	777×250×201	910×294×206	1010×315×220
	Outdoor	mm	712×276×459	712×276×459	853×602×349	920×699×380
Net weight	Indoor	kg	6.5	7.5	10	13
	Outdoor	kg	22	22	35	40
Packing dimensions	Indoor	mm	764×325×257	850×320×275	979×372×277	1096×390×297
	Outdoor	mm	765×310×481	765×310×481	890×628×385	960×732×400
Gross weight	Indoor	kg	8.5	10	13	16
	Outdoor	kg	24(w/o pipe) 25(w/i pipe)	24(w/o pipe) 25(w/i pipe)	38(w/o pipe) 39(w/i pipe)	43(w/o pipe) 46(w/i pipe)
Loading Capacity w/i pipe	20/40'GP/40'HQ		146/315/371	138/297/349	111/239/282	64/137/162



EU New Efficiency **A+++**

Puremind Split Air Conditioner



PTW-PP41

Product Features

- Smart Air Flow
- Turbo Cooling
- Gentle Cool Wind
- Easy Assembly
- -20°C Ambient: Still Good Heating
- Smart Control of Air Conditioner
- Distributed Healthy Filter System



More Choice
Inverter/Non-Inverter



Functions

Cooling/Heating/Dehumidifying



Capacity

9000/12000/18000/24000Btu



Refrigerant

R32

Specification of **A+++** European New Efficiency DC Inverter Split

Model		9000BTU	12000BTU	18000BTU	24000BTU	
Type		heating pump	heating pump	heating pump	heating pump	
Control type		remote controller	remote controller	remote controller	remote controller	
Declared cooling capacity	W	2610(940~3700)	3510(1000~4600)	5100(1250~5920)	6910(1830~7820)	
Declared heating capacity	W	2900(940~4000)	3800(1000~4900)	5300(1250~6690)	7100(1850~7960)	
Pdesignnc	W	2600	3500	5100	6900	
SEER declared	W/W	8.5	8.5	8.5	8.5	
Energy Class		A+++	A+++	A+++	A+++	
EER declared	W/W	3.73	3.69	3.23	3.23	
COP declared	W/W	3.82	3.80	3.71	3.73	
Pdesignh Average	W	2300	2600	4500	5500	
SCOP Average declared	W/W	4.6	4.6	4.6	4.6	
Energy Class(Average)		A++	A++	A++	A++	
Annual energy consumption	Cooling	kwh/a	107	144	210	284
	Average	kwh/a	700	791	1370	1674
Moisture removal	Liters/h	1	1.2	1.5	2.0	
Indoor sound power(S/H/M/L/Mute)	dB(A)	52/48/43/37/33	53/49/44/38/35	57/54/50/43/40	59/55/51/45/42	
Outdoor sound power	dB(A)	63	63	67	69	
Indoor sound pressure(S/H/M/L/Mute)	dB(A)	42/38/33/27/23	44/39/35/29/25	47/43/40/35/30	50/46/40/36/32	
Outdoor sound pressure	dB(A)	53	53	57	59	
Electrical Data						
Power supply		220-240V~/50Hz/1P	220-240V~/50Hz/1P	220-240V~/50Hz/1P	220-240V~/50Hz/1P	
Power supply side		Indoor	Indoor	Outdoor	Outdoor	
Voltage Range	V	165~265	165~265	165~265	165~265	
Operating current	Cooling	A	4.0(1.2~8.1)	5.3(1.5~9.2)	8.1(1.7~12.0)	10.9(2.3~13.0)
	Heating	A	4.4(1.2~9.0)	5.8(1.5~10.0)	7.1(1.7~13.0)	9.6(2.3~14.0)
Power consumption	Cooling	W	700(240~1380)	950(290~1510)	1579(330~2350)	2138(410~2800)
	Heating	W	760(240~1552)	1000(290~1720)	1428(340~2540)	1905(420~3000)
Refrigerating System						
Refrigerant type/Charge/GWP/CO2 equivalent		R32/0.45kg/675/0.304tonnes	R32/0.63kg/675/0.426tonnes	R32/1.14kg/675/0.770tonnes	R32/1.27kg/675/0.858tonnes	
Compressor	Type	Rotary	Rotary	Rotary	Rotary	
	Model	KSK82D26UEZE3	KSN98D64UEZ3	KSN140D33UFZ3	C-6RZ180H3AAF	
	MFG	GMCC	GMCC	GMCC	SANYO	
Others						
Indoor air circulation	Cooling/heating	m ³ /h	560/560	670/670	1000/1000	1100/1100
Indoor fan type			Cross Flow DC	Cross Flow DC	Cross Flow DC	Cross Flow DC
Outdoor fan type			Propeller fan,DC	Propeller fan,DC	Propeller fan	Propeller fan
Connections						
Connecting Wiring	Core x Size		5×1.0mm ²	5×1.5mm ²	5×1.5mm ²	5×2.5mm ²
Expansion device						
			Electronic expansion valve	Electronic expansion valve	Electronic expansion valve	Electronic expansion valve
Connecting Pipe	Gas	Inches	3/8"	3/8"	3/8"	1/2"
	Liquid	Inches	1/4"	1/4"	1/4"	1/4"
Others						
Application area	m ²		9~16	14~22	20~35	27~45
Max. refrigerant pipe length	m		25	25	25	25
Max. difference in level	m		10	10	10	10
Operation temperature range	°C		16-31	16-31	16-31	16-31
Ambient temperature range	Outdoor	°C	Cooling:15-53/Heating: -20-30	Cooling:15-53/Heating: -20-30	Cooling:15-53/Heating: -20-30	Cooling:15-53/Heating: -20-30
	Outdoor	°C	Cooling:15-53/Heating: -25-30	Cooling:15-53/Heating: -25-30	Cooling:15-53/Heating: -25-30	Cooling:15-53/Heating: -25-30
	Indoor	°C	Cooling:17-32/Heating:0-30	Cooling:17-32/Heating:0-30	Cooling:17-32/Heating:0-30	Cooling:17-32/Heating:0-30
Net dimensions (W x H x D)	Indoor	mm	790×275×192	820×306×195	1100×333×222	1100×333×222
	Outdoor	mm	795×549×305	795×549×305	920×699×380	967×803×421
Net weight	Indoor	kg	8.5	9.5	13	14
	Outdoor	kg	25	25	39	48
Packing dimensions (W x H x D) w/o pipe	Indoor	mm	860×345×265	890×380×265	1165×405×295	1165×405×295
	Outdoor	mm	835×340×585	835×340×585	960×732×400	1022×835×480
Gross weight w/o pipe	Indoor	kg	10.5	12	16	17
	Outdoor	kg	28	28	42	52
Loading Capacity w/o pipe	20/40'GP/40'HQ		106/229/270	102/219/258	62/133/157	47/102/120



Puremind

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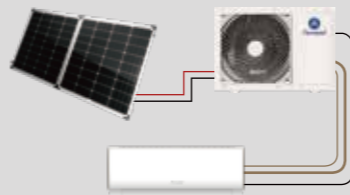
Solar Air Conditioner



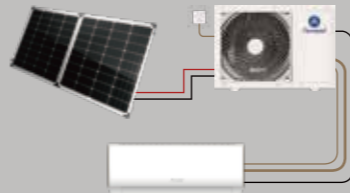
PSW-A	17
PSW-B	17
PSW-C	18
PSW-D	18
PGP	19

Solar Air Conditioner Four Modes

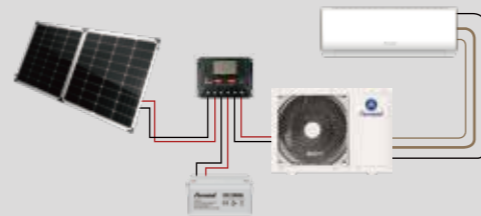
A PURE PHOTOVOLTAIC DRIVE
Off grid,100% Green Energy



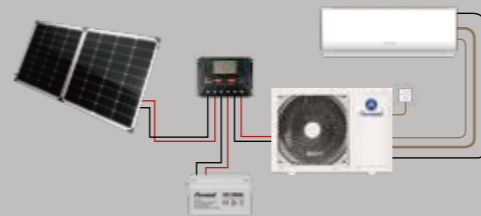
B AC/DC HYBRID
Hybrid Power with the priority of Solar energy.main power as supplement.Solar energy in the daytime, main power at night



C OFF-GRID DC48V/24V
Off grid,100% Green Energy Electric power stored in the daytime and used at night.



D 3IN1 MULTI-FUNCTION
Maximum power saving All day air conditioning



Puremind Solar Air Conditioner



Product Features

- 1.Enjoy air conditioning while saving money on electric bill
- 2.Powerful performance and energy-efficiency·Long Distance Air Supply
- 3.The more you use, the more you save
- 4.Guaranteed Voltage safety



PSW-A

Puremind Solar Air Conditioner



Function
Cooling Only/Cooling&Heating



Reliable Product Quality



Excellent User Experience

PURE SOLAR DRIVE SOLAR AIR-CON

Model	Unit	PSW-26GWA	PSW-35GWA	PSW-50GWA	PSW-70GWA	
Power Supply	V	DC120-380V	DC120-380V	DC120-380V	DC120-380V	
Cooling	Capacity	Btu/h	9000(500-11000)	12000(7000-14000)	18000(6200-19500)	24000(5100-26900)
	Power Input	W	590(100-1200)	865(110-1500)	1320(140-1800)	1980(240-3030)
	Current	A	2.68(0.45-5.45)	3.93(0.5-6.82)	6(0.6-8.18)	9(1.0-13.2)
Heating	Capacity	Btu/h	9500(3800-11500)	13000(4000-15000)	19000(4700-20000)	25000(5500-30000)
	Power Input	W	625(120-1200)	880(130-1510)	1465(200-1900)	2050(260-3140)
	Current	A	2.84(0.5-5.45)	4(0.59-6.86)	6.66(0.9-8.63)	9.32(1.1-13.7)
Moisture Removal	L/h	1.0	1.3	1.7	2.5	
Max input	W	1320	1500	2300	3200	
Max current	A	6	7.5	10.45	14.54	
Indoor air flow (H/M/L)	m3/h	570/470/370	570/470/370	721/566/458	970/780/590	
Indoor noise (H/M/L)	dB(A)	41/36/28	41/36/28	43/37/32	45/39/34	
Indoor Unit	Net Size (W*D*H)	mm	734*194*285	775*194*285	921*213*302	1026*220*327
	Pack Size (W*D*H)	mm	780*270*360	830*270*360	995*305*380	1105*310*405
	Net/Gross	Kg	8.1/9.9	8.1/9.9	9.5/12.5	11.9/15.2
Outdoor air flow	m3/h	2100	2100	2100	2900	
Outdoor noise	dB(A)	<50	<50	<52	<56	
Outdoor Unit	Net Size (W*D*H)	mm	835*320*540	835*320*540	835*320*540	910*340*700
	Pack Size (W*D*H)	mm	900*400*600	900*400*600	900*400*600	1063*457*780
	Net/Gross	Kg	28.9/33.4	29/33.5	31/36	49.5/56
Operation temp	°C	16°C-30°C	16°C-30°C	16°C-30°C	16°C-30°C	
Ambient temp (cooling/heating)	°C	18-52/-15-34	18-52/-15-34	18-52/-15-34	18-52/-15-34	
Application area	m²	12-18	16-23	24-35	32-47	
Loading Q'ty 20'/40'/40HQ	pcs	93/186/225	93/186/225	83/166/202	52/104/128	

ACDC HYBRID SOLAR AIR-CON

Model	Unit	PSW-26GWB	PSW-35GWB	PSW-50GWB	PSW-70GWB	PSW-100GWB	
Power Supply	PH-V-H2	1Ph,220~,50/60Hz	1Ph,220~,50/60Hz	1Ph,220~,50/60Hz	1Ph,220~,50/60Hz	1Ph,220~,50/60Hz	
Cooling	Capacity	Btu/h	9000(500-11000)	12000(7000-14000)	18000(6200-19500)	24000(5100-26900)	36000(5100-26900)
	Power Input	W	590(100-1200)	865(110-1500)	1320(140-1800)	1980(240-3030)	2850(320-3510)
	Current	A	2.68(0.45-5.45)	3.93(0.5-6.82)	6(0.6-8.18)	9(1.0-13.2)	12.95(1.45-15.95)
Heating	Capacity	Btu/h	9500(3800-11500)	13000(4000-15000)	19000(4700-20000)	25000(5500-30000)	37500(7000-39000)
	Power Input	W	625(120-1200)	880(130-1510)	1465(200-1900)	2050(260-3140)	3000(350-3650)
	Current	A	2.84(0.5-5.45)	4(0.59-6.86)	6.66(0.9-8.63)	9.32(1.1-13.7)	13.63(1.59-16.59)
Moisture Removal	L/h	1.0	1.3	1.7	2.5	3.6	
Max input	W	1320	1500	2300	3200	3800	
Max current	A	6	7.5	10.45	14.54	14.54	
Indoor air flow (H/M/L)	m3/h	570/470/370	570/470/370	721/566/458	970/780/590	1150/900/700	
Indoor noise (H/M/L)	dB(A)	41/36/28	41/36/28	43/37/32	45/39/34	46/40/35	
Indoor Unit	Net Size (W*D*H)	mm	734*194*285	775*194*285	921*213*302	1026*220*327	1080*220*327
	Pack Size (W*D*H)	mm	780*270*360	830*270*360	995*305*380	1105*310*405	1155*310*405
	Net/Gross	Kg	8.1/9.9	8.1/9.9	9.5/12.5	11.9/15.2	13.7/17.2
Outdoor air flow	m3/h	2100	2100	2100	2900	3800	
Outdoor noise	dB(A)	<50	<50	<52	<56	<64	
Outdoor Unit	Net Size (W*D*H)	mm	835*320*540	835*320*540	835*320*540	910*340*700	946*410*810
	Pack Size (W*D*H)	mm	900*400*600	900*400*600	900*400*600	1063*457*780	1090*500*860
	Net/Gross	Kg	28.9/33.4	29/33.5	31/36	49.5/56	65/73
Operation temp	°C	16°C-30°C	16°C-30°C	16°C-30°C	16°C-30°C	16°C-30°C	
Ambient temp (cooling/heating)	°C	18-52/-15-34	18-52/-15-34	18-52/-15-34	18-52/-15-34	18-52/-15-34	
Application area	m²	12-18	16-23	24-35	32-47	47-63	
Loading Q'ty 20'/40'/40HQ	pcs	93/186/225	93/186/225	83/166/202	52/104/128	45/90/109	

OFF GRID DC24/48V SOLAR AIR-CON

Model	Unit	PSW-20GWC/DC24V	PSW-26GWC/DC24V	PSW-35GWC/DC48V	PSW-50GWC/DC48V	PSW-70GWC/DC48V	PSW-100GWC/DC48V	
Power Supply	V	DC21-29V	DC21-29V	DC42-60V	DC42-60V	DC42-60V	DC42-60V	
Cooling	Capacity	Btu/h	950-2100	9000	12000	18000	24000	36000
	Power Input	W	235-810	570	750	900	1300	1800
	Current	A	16.5	19	16	22	30	38
Compressor	/	DC24V	DC24V	DC48V	DC48V	DC48V	DC48V(Double)	
EER	W/W	2.79	4.56	4.67	4.78	4.80	4.65	
	Btu/h/w	15.79	16.00	20.00	18.46	17.55	17.55	
SEER	Btu/h/w	23.6	24.3	25.2	25.6	24.1	24.1	
Indoor air flow (H/M/L)	m3/h	450	450	450	550	650	1050	
Indoor noise (H/M/L)	dB(A)	≤38	≤40	≤42	≤43	≤50	≤52	
Indoor Unit	Net Size (W*D*H)	mm	630*199*255	775*260*210	775*260*210	990*320*210	990*320*210	1080 x 220 x 327
	Pack Size (W*D*H)	mm	735*255*199	840*325*265	840*325*265	1070*395*285	1070*395*285	1155*310*405
	Net/Gross	Kg	5.5/7	7/9	8/10	13/15	15/17	13.7/17.2
Outdoor noise	dB(A)	≤56	≤50	≤52	≤54	≤58	≤64	
Outdoor Unit	Net Size (W*D*H)	mm	600*500*232	790*260*540	790*260*540	850*290*580	865*310*710	946*410*810
	Pack Size (W*D*H)	mm	635*450*235	910*370*610	910*370*610	995*390*665	1025*395*790	1090x500x860
	Net/Gross	Kg	24/27	25/28	28/31	35/38	42/45	65/73
Operation temp	°C	16°C-30°C	16°C-30°C	16°C-30°C	16°C-30°C	16°C-30°C	16°C-30°C	
Ambient temp (cooling/heating)	°C	21-55	-15-60	-15-60	-15-60	-15-60	-15-60	
Application area	m²	6-12	12-18	16-23	24-35	32-47	47-63	

3IN1 MULTI-FUNCTION SOLAR AIR-CON

Model	Unit	PSW-26GWD	PSW-35GWD	PSW-50GWD	PSW-70GWD	
Power Supply	PH-V-H2	1Ph,220~,50/60Hz	1Ph,220~,50/60Hz	1Ph,220~,50/60Hz	1Ph,220~,50/60Hz	
Cooling	Capacity	Btu/h	9000(500-11000)	12000(7000-14000)	18000(6200-19500)	24000(5100-26900)
	Power Input	W	590(100-1200)	865(110-1500)	1320(140-1800)	1980(240-3030)
	Current	A	2.68(0.45-5.45)	3.93(0.5-6.82)	6(0.6-8.18)	9(1.0-13.2)
Heating	Capacity	Btu/h	9500(3800-11500)	13000(4000-15000)	19000(4700-20000)	25000(5500-30000)
	Power Input	W	625(120-1200)	880(130-1510)	1465(200-1900)	2050(260-3140)
	Current	A	2.84(0.5-5.45)	4(0.59-6.86)	6.66(0.9-8.63)	9.32(1.1-13.7)
Moisture Removal	L/h	1.0	1.3	1.7	2.5	
Max input	W	1320	1500	2300	3200	
Max current	A	6	7.5	10.45	14.54	
Indoor air flow (H/M/L)	m3/h	570/470/370	570/470/370	721/566/458	970/780/590	
Indoor noise (H/M/L)	dB(A)	41/36/28	41/36/28	43/37/32	45/39/34	
Indoor Unit	Net Size (W*D*H)	mm	734*194*285	775*194*285	921*213*302	1026*220*327
	Pack Size (W*D*H)	mm	780*270*360	830*270*360	995*305*380	1105*310*405
	Net/Gross	Kg	8.1/9.9	8.1/9.9	9.5/12.5	11.9/15.2
Outdoor air flow	m3/h	2100	2100	2100	2900	
Outdoor noise	dB(A)	<50	<50	<52	<56	
Outdoor Unit	Net Size (W*D*H)	mm	835*320*540	835*320*540	835*320*540	910*340*700
	Pack Size (W*D*H)	mm	900*400*600	900*400*600	900*400*600	1063*457*780
	Net/Gross	Kg	28.9/33.4	29/33.5	31/36	49.5/56
Operation temp	°C	16°C-30°C	16°C-30°C	16°C-30°C	16°C-30°C	
Ambient temp (cooling/heating)	°C	18-52/-15-34	18-52/-15-34	18-52/-15-34	18-52/-15-34	
Application area	m²	12-18	16-23	24-35	32-47	
Loading Q'ty 20'/40'/40HQ	pcs	93/186/225	93/186/225	83/166/202	52/104/128	

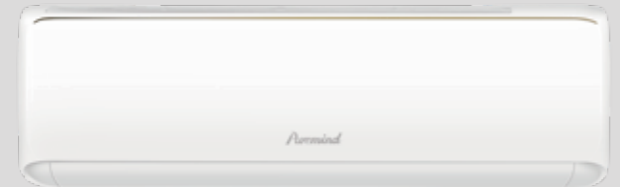


Solar Air Conditioner

Model: A



Model: B



PGP

Product Features:

- Function: Cooling /Heating / Dehumidifying
- Cooling Capacity: 9000/12000/18000/24000 Btu
- High Efficiency and Energy Saving
- Intelligent Green Electricity System
- WIFI Intelligent Control System
- Strong High-temperature Cooling Capacity
- Saving Expensive Electricity Bills



High Efficiency and Energy Saving



Strong High-temperature Cooling Capacity



WIFI Intelligent Control System



Intelligent Green Electricity System

Puremind Solar Air Conditioner Product Parameters

Model			PGP9N1-ABH1	PGP12N1-ABH1	PGP18N1-ABH1	PGP24N1-ABH1
Application area		m ³	10-15	15-25	20-32	30-42
Power Supply	AC Power	Ph-V-Hz	220~240V/50~60Hz	220~240V/50~60Hz	220~240V/50~60Hz	220~240V/50~60Hz
	DC Power	V	30-300V	30-300V	30-300V	30-300V
Rated Cooling	Capacity	W	2640	3980	5280	6450
		BTU	9000	13600	18000	22000
	Power input	W	1000(210~1000)	1173(210~1600)	1200(210~2500)	1590(230~2800)
Rated Heating	Capacity	W	2650	3550	5600	7350
		BTU	9000	12000	19100	25000
	Power input	W	705(210~1000)	848(320~1600)	1475(300~2500)	1950(380~2500)
Dehumidification capacity		L/h	0.9	1.1	1.8	2.5
Compressor	Type	/	ROTARY	ROTARY	ROTARY	ROTARY
	Brand	/	GREE	GREE	GREE	GREE
Indoor Unit						
Indoor air flow (Hi/Mi/Lo)		m ³ /h	650/595/536	810/664/590	910/830/660	1035/794/687
Indoor noise level		dB(A)	≤43	≤43	≤53	≤53
Indoor unit	Dimension(W×H×D)	mm	978×333×248	978×333×248	1075×333×246	1075×333×246
	Packing(W×H×D)	mm	1033×398×319	1033×398×319	1128×406×323	1128×406×323
	Net weight/Gross weight	Kg	13.5/16	13.5/16	16/20	16/20
Outdoor Unit						
Cooling ambient temp range		°C	16~52	16~52	16~55	16~55
Heating ambient temp range		°C	-7~26	-7~26	-7~24	-7~24
Outdoor noise level		dB(A)	≤60	≤60	≤60	≤60
Outdoor unit	Dimension(W×H×D)	mm	978×333×248	978×333×248	1075×333×246	1075×333×246
	Packing(W×H×D)	mm	1033×398×319	1033×398×319	1128×406×323	1128×406×323
	Net/Gross weight	Kg	33.5/38.5	35.5/40.5	48/52	51/54.5
Refrigerant type		/	R410A	R410A	R410A	R410A
Refrigerant Charged		g	800	1000	1400	1800
Max Design pressure		MPa	4.3	4.3	4.3	4.3
Refrigerant connection copper pipe length		m	4	4	5	5
Container Loading 20GP/40GP/40HQ		unit	72/152/170	72/152/170	57/121/139	57/121/139
Function						
Dehumidify	Dry Anti-mildey	WIFI	Self Diagnosis	Memory	Preheating	Defrosting



Central Air Conditioner



PGKV Central Air Conditioner	23
PGKV-Slim/Mini Central Air Conditioner	25
Cassette Air Conditioner	28
Slim Duct Indoor Unit	29
Floor Standing Type Air Conditioner	30



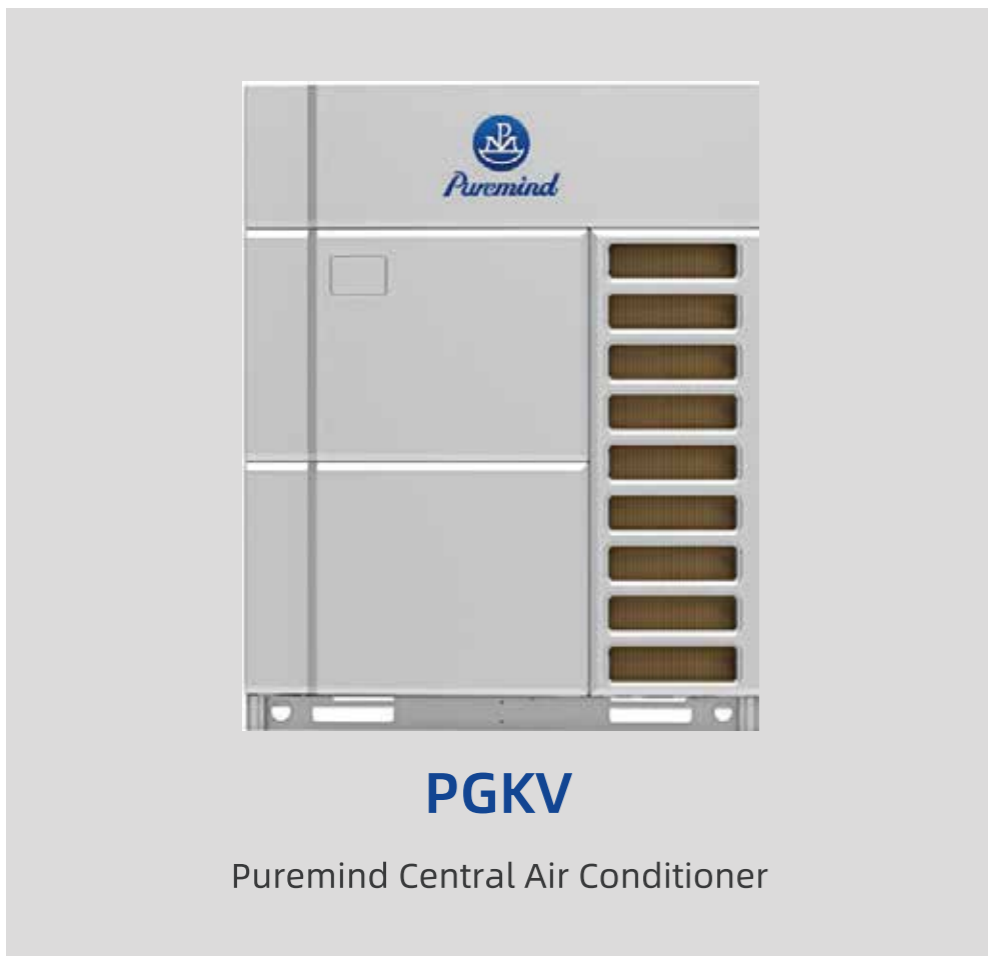
PKKV Central Air Conditioner	31
PKKV-Slim/Mini Central Air Conditioner	33



PTKV Central Air Conditioner	35
PTKV-Slim/Mini Central Air Conditioner	36



Central Air Conditioners VRF System



PGKV

Puremind Central Air Conditioner

Product Features

- Free match with fan coil indoor unit
- Capability of heating and cooling
- Full DC inverter technologies
- Intelligent temperature control technology
- Centralized control
- Small installation space and quiet operation
- Ultra-long connection pipe



More Choice
Inverter/Non-Inverter



Refrigerant
R32/R410a



Energy Saving Function



High Efficiency

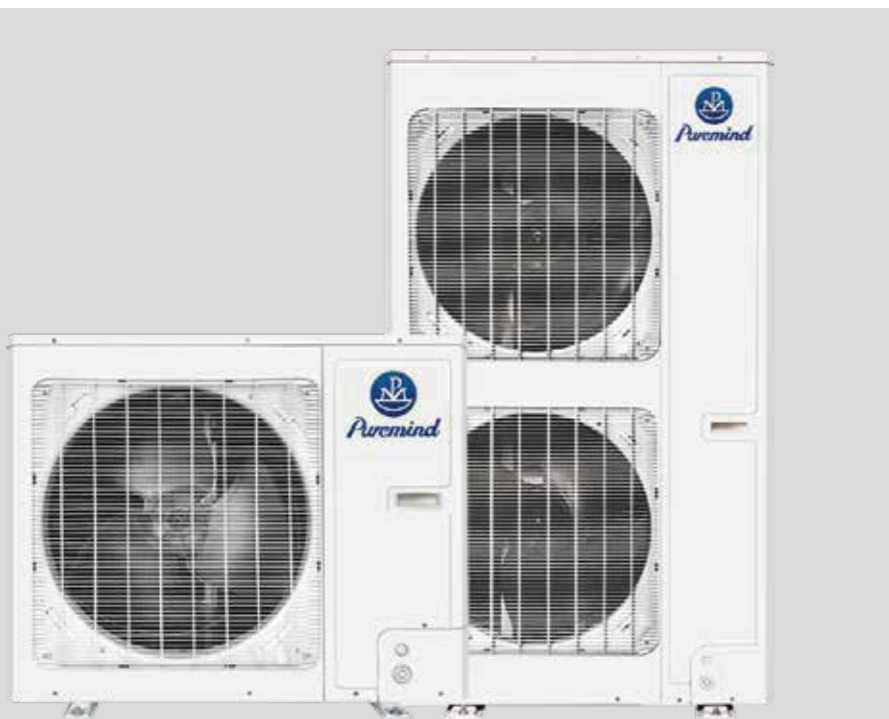
PGKV Product Parameters

Model			PGKV-224W	PGKV-280W	PGKV-335W	PGKV-400W	PGKV-450W
Capacity range		HP	8	10	12	14	16
Capacity	Cooling	kW	22.4	28.0	33.5	40.0	45.0
	Heating	kW	25.0	31.5	37.5	45.0	50.0
EER		W/W	4.48	4.52	4.35	4.35	4.17
COP		W/W	5.21	5.34	4.81	4.74	4.67
Power supply		V/Ph/Hz	380-415V 3N~50/60Hz				
Min. circuit/Max. fuse current		A	23/25	23.5/25	24.1/25	32.5/40	33.5/40
Power consumption	Cooling	kW	5.00	6.20	7.70	9.20	10.80
	Heating	kW	4.80	5.90	7.80	9.50	10.70
Maximum drive IDU NO.		unit	13	16	19	23	26
Refrigerant charge volume		kg	5.5	5.5	5.7	7	7.5
Sound pressure level		dB(A)	56	57	59	59	60
Connecting pipe	Liquid	mm	φ9.52	φ9.52	φ12.7	φ12.7	φ12.7
	Gas	mm	φ19.05	φ22.2	φ25.4	φ25.4	φ28.6
Dimension (WxDxH)	Outline	mm	930*775*1690	930*775*1690	930*775*1690	1340*775*1690	1340*775*1690
	Package	mm	1000*830*1855	1000*830*1855	1000*830*1855	1400*830*1855	1400*830*1855
Net Weight/Gross weight		kg	215/225	215/225	220/230	290/305	290/305
Loading Quantity	40'GP	unit	28	28	28	22	22
	40'HQ	unit	28	28	28	22	22

Model			PGKV-504W	PGKV-560W	PGKV-615W	PGKV-680W
Capacity range		HP	18	20	22	24
Capacity	Cooling	kW	50.4	56.0	61.5	68.0
	Heating	kW	56.5	3.0	69.0	76.5
EER		W/W	4.10	4.06	3.80	3.32
COP		W/W	4.38	4.81	4.08	3.81
Power supply		V/Ph/Hz	380-415V 3N~50/60Hz			
Min. circuit/Max. fuse current		A	47/50	48/50	49/50	49/50
Power consumption	Cooling	kW	12.30	13.80	16.20	20.50
	Heating	kW	12.90	13.10	16.90	20.10
Maximum drive IDU NO.		unit	29	33	36	39
Refrigerant charge volume		kg	8	8	8.3	8.3
Sound pressure level		dB(A)	61	62	63	64
Connecting pipe	Liquid	mm	φ15.9	φ15.9	φ15.9	φ15.9
	Gas	mm	φ28.6	φ28.6	φ28.6	φ28.6
Dimension (WxDxH)	Outline	mm	1340*775*1690	1340*775*1690	1340*775*1690	1340*775*1690
	Package	mm	1400*830*1855	1400*830*1855	1400*830*1855	1400*830*1855
Net Weight/Gross weight		kg	295/310	350/365	350/365	355/370
Loading Quantity	40'GP	unit	22	22	22	22
	40'HQ	unit	22	22	22	22



Central Air Conditioners VRF System



PGKV-Mini/Slim

Puremind Central Air Conditioner

Product Features

- Free match with fan coil indoor unit
- Capability of heating and cooling
- Full DC inverter technologies
- Intelligent temperature control technology
- Centralized control
- Small installation space and quiet operation
- Ultra-long connection pipe



More Choice
Inverter/Non-Inverter



Refrigerant
R32/R410a



Energy Saving Function



High Efficiency

PGKV-Mini/Slim Product Parameters

Model		PGKV-8	PGKV-10	PGKV-12.1	PGKV-12	PGKV-14	PGKV-14.1	PGKV-16	
Capacity range	HP	3	3.5	4	4	5	5	6	
Capacity	Cooling	kW	8.0	10.0	12.1	12.1	14.0	14.1	16.0
	Heating	kW	9.0	11.0	13.0	14.0	16.5	16.0	18.0
EER	W/W	3.90	3.70	3.51	3.99	3.90	3.60	3.37	
COP	W/W	4.74	4.40	4.81	4.28	4.18	3.85	3.87	
Power supply	V/Ph/Hz	220-240/1/50&208-230/1/60							
Max. circuit/Fuse current	A	25	25	32	32	40	40	40	
Power consumption	Cooling	kW	2.05	2.70	3.45	3.03	3.59	3.92	4.75
	Heating	kW	1.90	2.50	2.70	3.27	3.95	4.16	4.65
Maximum drive IDU NO.	unit	4	5	6	7	8	8	9	
Refrigerant charge volume	kg	1.8	1.8	2	3.3	3.3	3.3	3.3	
Sound pressure level	dB(A)	56	56	57	57	58	58	58	
Connecting pipe	Liquid	mm	φ9.52	φ9.52	φ9.52	φ9.52	φ9.52	φ9.52	
	Gas	mm	φ15.9	φ15.9	φ15.9	φ15.9	φ15.9	φ19.05	
Dimension(W*D*H)	Outline	mm	980*360*790	980*360*790	980*360*790	900*340*1345	900*340*1345	940*460*820	900*340*1345
	Package	mm	1097*477*937	1097*477*937	1097*477*937	998*458*1500	998*458*1500	1023*563*973	998*458*1500
Net Weight/Gross weight	kg	80/90	80/90	85/95	112/123	112/123	98/108	112/123	
Loading Quantity	40'GP	unit	96	96	96	57	57	88	57
	40'HQ	unit	96	96	96	57	57	88	57

Model		PGKV-12.1	PGKV-14	PGKV-16	
Capacity range	HP	4	5	6	
Capacity	Cooling	kW	12.1	14.0	16.0
	Heating	kW	14.0	16.5	18.0
EER	W/W	3.99	3.90	3.37	
COP	W/W	4.28	4.18	3.87	
Power supply	V/Ph/Hz	380V-415V 3N-50/60Hz			
Max. circuit/Fuse current	A	16	16	16	
Power consumption	Cooling	kW	3.03	3.59	4.75
	Heating	kW	3.27	3.95	4.65
Maximum drive IDU NO.	unit	7	8	9	
Refrigerant charge volume	kg	3.3			
Sound pressure level	dB(A)	57	58	58	
Connecting pipe	Liquid	mm	φ9.52	φ9.52	φ9.52
	Gas	mm	φ15.9	φ15.9	φ19.05
Dimension(W*D*H)	Outline	mm	900*340*1345	900*340*1345	900*340*1345
	Package	mm	998*458*1500	998*458*1500	998*458*1500
Net Weight/Gross weight	kg	122/133	122/133	122/133	
Loading Quantity	40'GP	unit	57	57	57
	40'HQ	unit	57	57	57



- Cassette Type Indoor Unit



- Duct Type Indoor Unit



- Wall Split Air Conditioner



- Floor standing air conditioner



Cassette Air Conditioner Product Parameters

Model		PGC-22	PGC-28	PGC-36	PGC-45	PGC-50	PGC-56	PGC-63	
Capacity	Cooling	kW	2.2	2.8	3.6	4.5	5	5.6	6.3
	Heating	kW	2.5	3.2	4	5	5.6	6.3	7.1
Power supply		V/Ph/Hz	220-240V-50Hz & 208-230V-60Hz						
Power consumption		W	26	26	26	26	28	35	60
Air volume(H/M/L)		m³/h	800/700/600	800/700/600	800/700/600	800/700/600	900/850/750	950/850/750	1150/950/850
Rated current	Cooling	A	0.2	0.2	0.2	0.2	0.2	0.2	0.4
	Heating	A	0.2	0.2	0.2	0.2	0.2	0.2	0.4
Sound pressure level(H/M/L)		dB(A)	33/30/28	33/30/28	33/30/28	34/30/28	35/32/29	37/33/30	37/34/31
Connecting pipe	Liquid	mm	φ6.35	φ6.35	φ6.35	φ6.35	φ6.35	φ9.52	φ9.52
	Gas	mm	φ9.52	φ9.52	φ12.7	φ12.7	φ12.7	φ15.9	φ15.9
Drain pipe	External dia.	mm	φ25	φ25	φ25	φ25	φ25	φ25	φ25
	Thickness	mm	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Main body	Dimension (WxDxH)	Outline	mm	840x840x240	840x840x240	840x840x240	840x840x240	840x840x240	840x840x240
		Package	mm	963x963x325	963x963x325	963x963x325	963x963x325	963x963x325	963x963x325
	Net weight/Gross weight		kg	27/35	27/35	27/35	27/35	28/36	28/36
Panel	Dimension (WxDxH)	Outline	mm	950x950x65	950x950x65	950x950x65	950x950x65	950x950x65	950x950x65
		Package	mm	1038x1033x112	1038x1033x112	1038x1033x112	1038x1033x112	1038x1033x112	1038x1033x112
	Net weight/Gross weight		kg	6.0/9.5	6.0/9.5	6.0/9.5	6.0/9.5	6.0/9.5	6.0/9.5
Loading quantity	40'GP	unit	120	120	120	120	120	120	120
	40'HQ	unit	140	140	140	140	140	140	140

Model		PGC-71	PGC-80	PGC-90	PGC-100	PGC-112	PGC-125	PGC-140	
Capacity	Cooling	kW	7.1	8	9	10	11.2	12.5	14
	Heating	kW	8	9	10	11.2	12.5	14	16
Power supply		V/Ph/Hz	220-240V-50Hz & 208-230V-60Hz						
Power consumption		W	60	85	85	85	115	115	115
Air volume(H/M/L)		m³/h	1150/950/850	1250/1000/900	1250/1000/900	1250/1000/900	1650/1300/1100	1650/1300/1100	1650/1300/1100
Rated current	Cooling	A	0.4	0.4	0.4	0.4	0.6	0.6	
	Heating	A	0.4	0.4	0.4	0.4	0.6	0.6	
Sound pressure level(H/M/L)		dB(A)	37/34/31	39/37/34	39/37/34	39/37/34	43/41/39	43/41/39	43/41/39
Connecting pipe	Liquid	mm	φ9.52	φ9.52	φ9.52	φ9.52	φ9.52	φ9.52	
	Gas	mm	φ15.9	φ15.9	φ15.9	φ15.9	φ15.9	φ15.9	
Drain pipe	External dia.	mm	φ25	φ25	φ25	φ25	φ25	φ25	
	Thickness	mm	2.5	2.5	2.5	2.5	2.5	2.5	
Main body	Dimension (WxDxH)	Outline	mm	840x840x240	840x840x240	840x840x240	840x840x290	840x840x290	840x840x290
		Package	mm	963x963x325	963x963x325	963x963x325	963x963x379	963x963x379	963x963x379
	Net weight/Gross weight		kg	28/36	29/37	29/37	29/37	33/42	33/42
Panel	Dimension (WxDxH)	Outline	mm	950x950x65	950x950x65	950x950x65	950x950x65	950x950x65	950x950x65
		Package	mm	1038x1033x112	1038x1033x112	1038x1033x112	1038x1033x112	1038x1033x112	1038x1033x112
	Net weight/Gross weight		kg	6.0/9.5	6.0/9.5	6.0/9.5	6.0/9.5	6.0/9.5	6.0/9.5
Loading quantity	40'GP	unit	120	120	120	120	120	120	
	40'HQ	unit	140	140	140	140	140	140	

Slim Duct Indoor Unit Product Parameters



Model			PGF-18	PGF-22	PGF-25	PGF-28	PGF-32	PGF-36
Capacity	Cooling	kW	1.8	2.2	2.5	2.8	3.2	3.6
	Heating	kW	2.2	2.5	2.8	3.2	3.6	4
Power supply		V/Ph/Hz	220-240V~50Hz & 208-230V~60Hz					
Power consumption		W	/	28	28	28	37	37
Air volume(H/M/L)		m³/h	450/350/200	450/350/200	450/350/200	450/350/200	550/400/300	550/400/300
Rated current	Cooling	A	0.2	0.2	0.2	0.2	0.3	0.3
	Heating	A	0.2	0.2	0.2	0.2	0.3	0.3
Esp		Pa	15/0~30	15/0~30	15/0~30	15/0~30	15/0~30	15/0~30
Sound pressure level(H/M/L)		dB(A)	30/25/22	30/25/22	30/25/22	30/25/22	31/27/22.5	31/27/22.5
Connecting pipe	Liquid	mm	φ6.35	φ6.35	φ6.35	φ6.35	φ6.35	φ6.35
	Gas	mm	φ9.52	φ9.52	φ9.52	φ9.52	φ12.7	φ12.7
Drain pipe	External dia.	mm	φ25	φ25	φ25	φ25	φ25	φ25
	Thickness	mm	2.5	2.5	2.5	2.5	2.5	2.5
Dimension(WxDxH)	Outline	mm	710x462x200	710x462x200	710x462x200	710x462x200	710x462x200	710x462x200
	Package	mm	1008x568x275	1008x568x275	1008x568x275	1008x568x275	1008x568x275	1008x568x275
Net weight / Gross weight		kg	18.5/23.5	18.5/23.5	18.5/23.5	18.5/23.5	19.0/24.0	19.0/24.0
Loading quantity	40'GP	unit	386	386	386	386	386	386
	40'HQ	unit	430	430	430	430	430	430

Model			PGF-40	PGF-45	PGF-50	PGF-56	PGF-63	PGF-71
Capacity	Cooling	kW	4	4.5	5	5.6	6.3	7.1
	Heating	kW	4.5	5	5.6	6.3	7.1	8
Power supply		V/Ph/Hz	220-240V~50Hz & 208-230V~60Hz					
Power consumption		W	40	40	56	56	55	55
Air volume(H/M/L)		m³/h	750/550/400	750/550/400	850/700/550	850/700/550	850/700/550	1100x850x650
Rated current	Cooling	A	0.3	0.3	0.4	0.4	0.4	0.5
	Heating	A	0.3	0.3	0.4	0.4	0.4	0.5
Esp		Pa	15/0~30	15/0~30	15/0~30	15/0~30	15/0~30	15/0~30
Sound pressure level(H/M/L)		dB(A)	33/29/27	33/29/27	35/31/29	35/31/29	35/31/29	35/31/29
Connecting pipe	Liquid	mm	φ6.35	φ6.35	φ6.35	φ9.52	φ9.52	φ9.52
	Gas	mm	φ12.7	φ12.7	φ12.7	φ15.9	φ15.9	φ15.9
Drain pipe	External dia.	mm	φ25	φ25	φ25	φ25	φ25	φ25
	Thickness	mm	2.5	2.5	2.5	2.5	2.5	2.5
Dimension(WxDxH)	Outline	mm	1010x462x200	1010x462x200	1010x462x200	1010x462x200	1010x462x200	1310x462x200
	Package	mm	1308x568x275	1308x568x275	1308x568x275	1308x568x275	1308x568x275	1608x568x275
Net weight/Gross weight		kg	25.0/31.0	25.0/31.0	25.0/31.0	25.0/31.0	25.0/31.0	25.0/37.5
Loading quantity	40'GP	unit	288	288	288	288	288	229
	40'HQ	unit	340	340	340	340	340	257

Slim Duct Indoor Unit Product Parameters



Model			PGF-80	PGF-90	PGF-100	PGF-112	PGF-125	PGF-140
Capacity	Cooling	kW	8	9	10	11.2	12.5	14
	Heating	kW	9	10	11.2	12.5	14	16
Power supply		V/Ph/Hz	220-240V~50Hz & 208-230V~60Hz					
Power consumption		W	110	130	130	130	170	170
Air volume(H/M/L)		m³/h	1250/1100/900	1500/1250/900	1500/1350/1000	1700/1500/1100	2000/1700/1400	2000/1700/1400
Rated current	Cooling	A	0.53	0.63	0.63	0.63	0.8	0.8
	Heating	A	0.53	0.63	0.63	0.63	0.8	0.8
Esp		Pa	50/0~80	50/0~80	50/0~80	50/0~80	50/0~80	50/0~80
Sound pressure level(H/M/L)		dB(A)	37/34/31	40/36/32	40/36/32	40/36/32	42/40/37	42/40/37
Connecting pipe	Liquid	mm	φ9.52	φ9.52	φ9.52	φ9.52	φ9.52	φ9.52
	Gas	mm	φ15.9	φ15.9	φ15.9	φ15.9	φ15.9	φ15.9
Drain pipe	External dia.	mm	φ25	φ25	φ25	φ25	φ25	φ25
	Thickness	mm	2.5	2.5	2.5	2.5	2.5	2.5
Dimension(WxDxH)	Outline	mm	1200x655x260	1340x655x260	1340x655x260	1340x655x260	1340x655x260	1340x655x260
	Package	mm	1448x858x315	1588x858x315	1588x858x315	1588x858x315	1588x858x315	1588x858x315
Net weight/Gross weight		kg	39.0/48.0	45.5/54.5	45.5/54.5	45.5/54.5	46.5/55.5	46.5/55.5
Loading quantity	40'GP	unit	154	105	105	105	105	105
	40'HQ	unit	176	120	120	120	120	120

Floor Standing Type Air Conditioner Product Parameters



Model Name			PMDS50F-48ACH	PMDS50F-48BCH
Function			Cooling&Heating	Cooling&Heating
Capacity	Cooling	BTU/h	48000	48000
	Heating	BTU/h	50000	49000
EER/COP		W/W	2.8/3.3	3.2/3.6
Power Supply		ph,v,Hz	3ph,380V~415V,50hz	3ph,380V~415V,50hz
Power Input	Cooling	W	5050	4670
	Heating	W	4440	4050
Cooling Current		A	12.9	11.9
Heating Current		A	11.3	10.3
Refrigerant Charge		kg	3.4	4
Airflow Volume		m³/h	2000	1850
Indoor Unit	Sound Pressure Level		dB(A)	44-52
	Outline Dimension	W×H×D	mm	582×1890×388
	Package Dimension	W×H×D	mm	2026×527×708
	Net Weight/Gross Weight		kg	62/72
Outdoor Unit	Sound Pressure Level		dB(A)	60
	Piping Connection	Gas	mm	φ19
		Liquid	mm	φ12
	Outline Dimension	W×H×D	mm	1020×1350×396
	Package Dimension	W×H×D	mm	1101×1480×448
Net Weight/Gross Weight		kg	103/115	
Loading Quantity	20' GP		sets	16
	40' GP		sets	36
	40' HQ		sets	42



Central Air Conditioners VRF System



PKKV

Puremind Central Air Conditioner

Product Features

- Free match with fan coil indoor unit
- Capability of heating and cooling
- Full DC inverter technologies
- Intelligent temperature control technology
- Centralized control
- Small installation space and quiet operation
- Ultra-long connection pipe



More Choice
Inverter/Non-Inverter



Energy Saving Function



High Efficiency



Refrigerant
R32/R410a

PKKV Product Parameters

			HP	8HP	10HP	12HP	14HP	16HP	18HP	20HP
			Cooling	Capacity	kW	25.2	28	33.5	40	45
Btu/h	86000	95500			114000	136500	153500	170600	191000	
Rated current	A	9.04		11.30	14.51	18.10	21.60	23.29	26.10	
Power input	kW	5.31		6.22	8.35	9.76	11.63	12.22	14.66	
Heating	Capacity	kW	4.75	4.5	4.01	4.1	3.87	4.09	3.82	
		Btu/h	27.4	31.5	37.5	45	50	56	63	
	Rated current	A	8.93	11.25	14.34	18.00	20.25	22.61	25.70	
	Power input	kW	4.98	5.86	7.35	9.34	10.87	11.89	14.16	
DC Inverter compressor	Type		Scroll Compressor	Scroll Compressor	Scroll Compressor	Scroll Compressor	Scroll Compressor	Scroll Compressor	Scroll Compressor	
		Refrigerant	Type	R410a	R410a	R410a	R410a	R410a	R410a	R410a
	Dimension (W*H*D)	Net	mm	990*1740*840	990*1740*840	990*1740*840	1340*1740*840	1340*1740*840	1340*1740*840	1340*1740*840
		Packing	mm	1060*1900*910	1060*1900*910	1060*1900*910	1410*1900*910	1410*1900*910	1410*1900*910	1410*1900*910
Weight	Net	kg	228	228	230	275	275	285	290	
	Gross	kg	240	240	242	293	293	303	308	
Outdoor sound level		dB(A)	58	58	60	60	61	62	63	
Operation temperature range Cooling	Outdoor side	°C	-5~55	-5~55	-5~55	-5~55	-5~55	-5~55	-5~55	
	Indoor side	°C	16~32	16~32	16~32	16~32	16~32	16~32	16~32	
Operation temperature range Heating	Outdoor side	°C	-30~30	-30~30	-30~30	-30~30	-30~30	-30~30	-30~30	
	Indoor side	°C	16~32	16~32	16~32	16~32	16~32	16~32	16~32	

			HP	20HP	22HP	24HP	26HP	28HP	30HP	32HP
			Cooling	Capacity	kW	56	61.5	67	73	78.5
Btu/h	191000	209800			228600	249100	267800	290000	307100	
Rated current	A	26.10		29.06	29.09	32.59	36.13	40.36	44.73	
Power input	kW	14.66		16.62	16.71	18.18	20.03	22.37	24.79	
Heating	Capacity	kW	3.82	3.70	4.01	4.02	3.92	3.80	3.63	
		Btu/h	63	69	75	81.5	87.5	95	100	
	Rated current	A	25.70	28.40	28.65	30.28	33.38	38.52	43.90	
	Power input	kW	14.16	16.80	14.72	16.78	18.50	21.35	24.33	
DC Inverter compressor	Type		Scroll Compressor	Scroll Compressor	Scroll Compressor	Scroll Compressor	Scroll Compressor	Scroll Compressor	Scroll Compressor	
		Refrigerant	Type	R410a	R410a	R410a	R410a	R410a	R410a	R410a
	Dimension (W*H*D)	Net	mm	1340*1740*840	1340*1740*840	1990*1740*840	1990*1740*840	1990*1740*840	1990*1740*840	1990*1740*840
		Packing	mm	1410*1900*910	1410*1900*910	2060*1900*910	2060*1900*910	2060*1900*910	2060*1900*910	2060*1900*910
Weight	Net	kg	290	297	388	433	433	480	480	
	Gross	kg	308	315	406	452	452	498	498	
Outdoor sound level		dB(A)	63	63	62	63	63	64	64	
Operation temperature range Cooling	Outdoor side	°C	-5~55	-5~55	-5~55	-5~55	-5~55	-5~55	-5~55	
	Indoor side	°C	16~32	16~32	16~32	16~32	16~32	16~32	16~32	
Operation temperature range Heating	Outdoor side	°C	-30~30	-30~30	-30~30	-30~30	-30~30	-30~30	-30~30	
	Indoor side	°C	16~32	16~32	16~32	16~32	16~32	16~32	16~32	



Central Air Conditioners VRF System



PKKV-Mini/Slim

Puremind Central Air Conditioner

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More Choice
Inverter/Non-Inverter



Energy Saving Function



High Efficiency



Refrigerant
R32/R410a

PKKV-Mini/Slim Product Parameters

Model name			PKKV-08	PKKV-10	PKKV-12.5	PKKV-14	PKKV-16
Power supply			220~240V/1N/50Hz	220~240V/1N/50Hz	220~240V/1N/50Hz	220~240V/1N/50Hz	220~240V/1N/50Hz
Performance data							
Cooling	Capacity	HP	3	3.6	4.5	5	5.7
		kW	8	10	12.5	14	16
		Btu/h	27300	34100	42600	47800	54600
	Power input	kW	2.60	3.00	3.20	3.75	4.75
	Rated current	A	11.8	13.6	14.5	17.0	21.8
Heating	Capacity	kW	9	11	14	16	17
		Btu/h	30700	37500	47800	54600	58000
	Power input	kW	2.65	3.1	3.52	4	4.4
	Rated current	A	12	14	16.1	18.2	20
Compressor	Type		Twin-rotary Compressor	Twin-rotary Compressor	Twin-rotary Compressor	Twin-rotary Compressor	Twin-rotary Compressor
Fan motor	Type		DC	DC	DC	DC	DC
Refrigerant	Type		R410a	R410a	R410a	R410a	R410a
	Volume	kg	2	2.6	3	3.8	3.8
Dimension (W*H*D)	Net	mm	935×702×383	1032×810×445	1100×870×528	1100×870×528	1100×870×528
	Packing	mm	975×770×420	1075×875×495	1140×965×540	1140×965×540	1140×965×540
Weight	Net	kg	47	60	85	90	90
	Gross	kg	50	65	95	100	100
Outdoor sound level		dB(A)	≤54	≤56	≤56	≤57	≤57
Maximum operating pressure		MPa	4.5	4.5	4.5	4.5	4.5
Operation temperature range							
Cooling	Outdoor side	°C	-5~55	-5~55	-5~55	-5~55	-5~55
	Indoor side	°C	16~32	16~32	16~32	16~32	16~32
Heating	Outdoor side	°C	-15~30	-15~30	-15~30	-15~30	-15~30
	Indoor side	°C	16~32	16~32	16~32	16~32	16~32



Central Air Conditioners VRF System



PTKV

Puremind Central Air Conditioner

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More Choice

Inverter/Non-Inverter



Refrigerant

R32/R410a

PTKV Product Parameters

Model		PTKV-25	PTKV-28	PTKV-33	PTKV-40	PTKV-45	PTKV-50	PTKV-56	PTKV-61	PTKV-68	PTKV-73	PTKV-78	
Cooling capacity	kW	25.2	28	33.5	40	45	50.4	56	61.5	68	73	78.5	
Heating capacity	kW	27	31.5	37.5	45	50	56	63	69	75	81.5	87.5	
Cooling consumed power	kW	5.4	6.9	8.7	10.7	12.85	14.15	16.2	18.25	19.7	21.7	23.4	
Heating consumed power	kW	5.8	7	8.75	10.8	12.25	14.3	15.7	17.5	18.7	19.95	21.8	
APF	W-h	5.1	5	4.9	4.8	4.7	4.6	4.5	4.4	4.3	4.2	4.1	
Compressor	-	DC Inverter Scroll Compressor											
Refrigerant	Type	R410a/R32											
Running noise	dB(A)	58-65											
Dimension(WxDxH)	mm	930x1740x780			1310x1740x780					1580x1740x780			
Net weight	kg	225	225	235	270	270	330	350	350	380	400	400	

PTKV-Mini/Slim Product Parameters

Model		PTKV-10	PTKV-12	PTKV-14	PTKV-16	PTKV-22	PTKV-25	PTKV-28
Cooling capacity(kW)		10	12	14	16	22.4	25.2	28
Heating capacity(kW)		12	14	16	17.6	24.5	27	30.8
Cooling consumed power(kW)		2.76	3.36	4	4.8	7.2	8.25	9.1
Heating consumed power(kW)		2.65	3.25	3.9	4.6	7.1	8.5	9.5
Power supply		220V/50Hz	220V/50Hz	220V/50Hz	220V/50Hz	380V~3N/50Hz	380V~3N/50Hz	380V~3N/50Hz
Cooling current(A)		12.9	15.7	18.7	22.5	11.5	13.2	14.6
Heating current(A)		12.4	15.2	18.3	21.6	11.4	13.6	15.2
Efficiency	IPLV(C)	6.2	6.3	6.2	6.1	6.2	6.1	6
	APF	4.6	4.3	4.2	4.1	3.8	3.7	3.9
Running noise	dB(A)	56	57	57	58	60	60	61
Horse power	HP	4	5	5	6	8	9	10
Dimension(WxDxH)(mm)		940x340x910	940x340x1250	940x340x1250	940x340x1250	940x340x1250	940x340x1250	940x340x1250
Gross weight(Kg)		75	100	100	104	140	140	145
Gross weight(Kg)		85	110	110	114	163	163	168
Pipe	Gas(mm)	φ19.05	φ19.05	φ19.05	φ19.05	φ22.2	φ22.2	φ22.2
	Liquid(mm)	φ9.52	φ9.52	φ9.52	φ9.52	φ9.52	φ9.52	φ9.52
	Connect type	screw	screw	screw	screw	screw/welding	screw/welding	screw/welding



PTKV-Mini

Puremind Central Air Conditioners



PTKV-Slim

Puremind Central Air Conditioners

DC Inverter Heat Pump



Puremind Technology Co.,Ltd.Zhuhai

PKKP Split Heat Pump 39

PGKP Monoblock Heat Pump 41

PPKP Monoblock Heat Pump 43

Heat Pump Water Heater 45



R32 DC Inverter Split Heat Pump



Indoor Unit
PKKP

Product Features:

1. Multi Functions: Cooling Heating Hot Water
2. Eco-Friendly Refrigerant R32
3. DC Inverter Compressor
4. New Electric Control Box
5. Certification: ISO9001, CE, CB



Easy Installation



Energy Saving Function



Outdoor Unit



Outdoor Unit

PKKP Split Heat Pump

Performance								
Cooling Capacity	Btu/h	18000	24000	36000	36000	48000	48000	55000
	kW	2.0-5.3-5.6	2.9-7.0-8.0	3.6-10.5-12.8	3.6-10.5-12.8	7.0-14.0-15.5	7.0-14.0-15.5	7.5-16.0-17.0
Heating Capacity	Btu/h	18000	26000	39000	39000	52000	52000	57000
	kW	2.2-5.2-5.3	3.3-7.7-8.5	4.35-11.5-13.2	4.35-11.5-13.2	8.0-15.2-16.0	8.0-15.2-16.0	8.5-16.8-17.5
Max Power Input	W	3680	4000	4900	4900	6100	6100	6600
Max Current Input	A	16.0	18.0	24.0	9.50	29.5	12.5	13.5

Physical Data								
Compressor			DC/Single-rotary	DC/Twin-rotary	DC/Twin-rotary	DC/Twin-rotary	DC/Twin-rotary	DC/Twin-rotary
Fan Motor			DC	DC	DC	DC	DC	DC
Outdoor Noise Level	Power Level	dB(A)	64	68	69	69	68	68
	Pressure Level		54	54	58	58	58	58
Outdoor Unit	Dimension(WxHxD)	mm	880x555x345	935x702x382	1032x807x445	1032x807x445	1015x1430x450	1015x1430x450
	Packing(WxHxD)	mm	920x600x380	975x770x435	1075x875x495	1075x875x495	1095x1545x485	1095x1545x485
	Net/Gross weight	kg	32.5/35	48.7/52.6	61.3/65	71.2/75	109/123.6	109/123.6
Refrigerant type/quantity		g	R32/1200	R32/1450	R32/2400	R32/2400	R32/3800	R32/3800

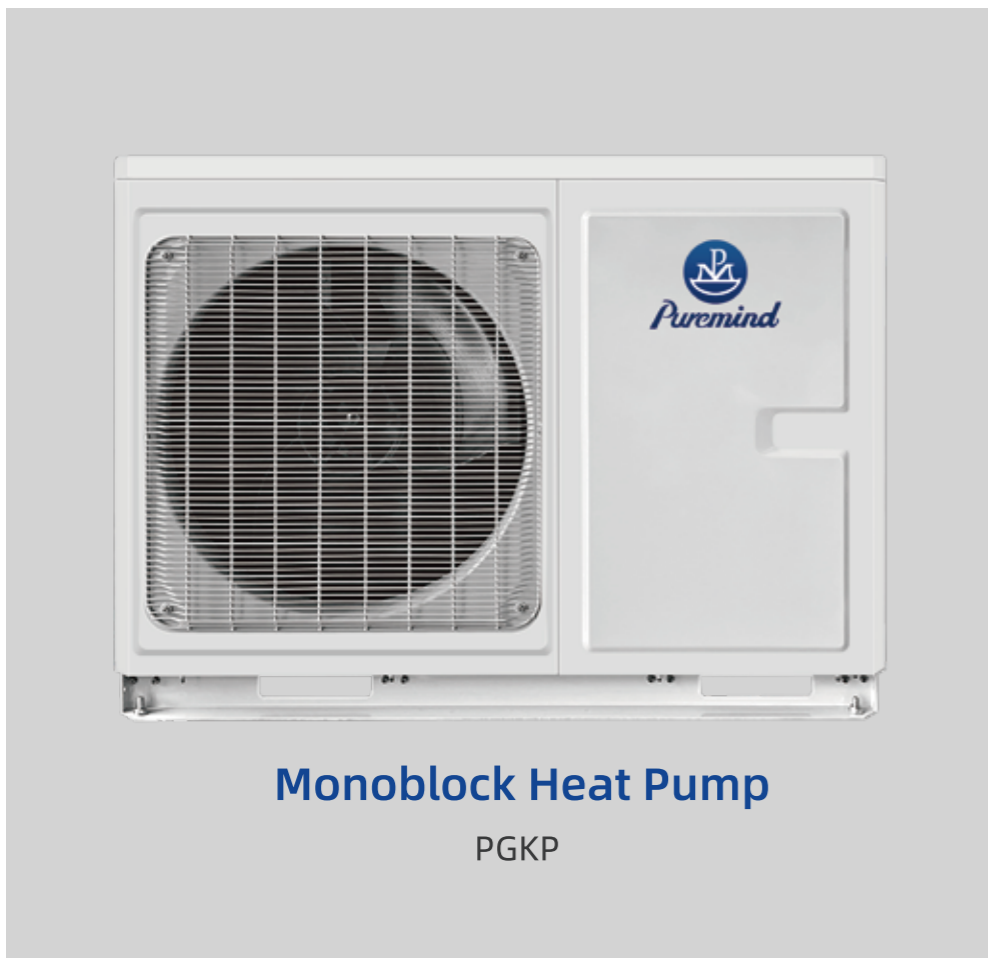
Piping Data								
Refrigerant piping	Liquid side/Gas side	mm	φ6.35/φ12.7	φ9.52/φ15.88	φ9.52/φ15.88	φ9.52/φ15.88	φ9.52/φ15.88	φ9.52/φ15.88
	Max.Pipe Length	m	15(30)	20(50)	50(65)	50(65)	50(65)	50(65)
	Max.High Drop	m	8(20)	10(25)	20(30)	20(30)	20(30)	20(30)



R32 DC Inverter Split Heat Pump



R32 DC Inverter Monoblock Heat Pump



Monoblock Heat Pump

PGKP

Product Features:

1. Multi Functions: Cooling Heating Hot Water
2. Eco-Friendly Refrigerant R32
3. DC Inverter Compressor
4. New Electric Control Box
5. Certification: ISO9001, CE, CB



Easy Installation



Long-distance Monitoring



Low Temperature Heating



Self-diagnosis

PGKP Monoblock Heat Pump

Model			PGKPDA-04	PGKPDA-06	PGKPDA-08	PGKPDA-10	PGKPDA-12	PGKPDA-14
Power supply		V/Ph/Hz	220-240~50Hz	220-240~50Hz	220-240~50Hz	220-240~50Hz	220-240~50Hz	220-240~50Hz
Capacity ^{*1}	Cooling ^{*3}	kW	3.8	5.8	6.8	8.8	11	12.5
	Heating ^{*4}	kW	4	6	7.5	10	12	14
Power input ^{*1}	Cooling ^{*3}	kW	0.82	1.32	1.58	1.96	2.56	3.05
	Heating ^{*4}	kW	0.78	1.2	1.63	2.17	2.64	3.22
EER/COP ^{*1}		W/W	1.63/5.1	4.7/5.0	4.3/4.6	4.5/4.6	4.3/4.55	4.1/4.35
Capacity ^{*2}	Cooling ^{*5}	kW	3	4	5	7.8	9.5	12
	Heating ^{*6}	kW	4	6	7.5	10	12	14
Power input ^{*2}	Cooling ^{*5}	kW	0.94	1.29	1.56	2.48	3.11	4.14
	Heating ^{*6}	kW	0.98	1.56	2	2.7	3.33	3.94
EER/COP ^{*2}		W/W	3.2/4.0	3.10/3.80	3.10/3.75	3.15/3.70	3.05/3.60	2.9/3.55
Refrigerant charge volume		kg	0.87	0.87	0.87	2.2	2.2	2.2
Sanitary water temperature		°C	40~80	40~80	40~80	40~80	40~80	40~80
Sound pressure level	Cooling	dB(A)	51	52	53	56	56	57
	Heating	dB(A)	50	50	51	54	54	55
Dimensions(WxDxH)	Outline	mm	1150x345x758	1150x345x758	1150x345x758	1200x460x878	1200x460x878	1200x460x878
	Packaged	mm	1255x485x890	1255x485x890	1255x485x890	1290x586x1010	1290x586x1010	1290x586x1010
Net weight/Gross weight		kg	96/109	96/109	96/109	96/109	96/109	96/109
Loading quantity	40'GP	unit	84	84	84	58	58	58
	40'HQ	unit	84	84	84	58	58	58

Model			PGKPDA-16	PGKPDB-10	PGKPDB-12	PGKPDB-14	PGKPDB-16
Power supply		V/Ph/Hz	220-240~50Hz	380-415V 3N~50Hz	380-415V 3N~50Hz	380-415V 3N~50Hz	380-415V 3N~50Hz
Capacity ^{*1}	Cooling ^{*3}	kW	14.5	8.8	11	12.5	14.5
	Heating ^{*4}	kW	15.5	10	12	14	15.5
Power input ^{*1}	Cooling ^{*3}	kW	3.82	1.96	2.56	3.05	3.82
	Heating ^{*4}	kW	3.6	2.17	2.64	3.22	3.6
EER/COP ^{*1}		W/W	3.8/4.3	4.5/4.6	4.3/4.55	4.1/4.35	3.8/4.3
Capacity ^{*2}	Cooling ^{*5}	kW	13	7.8	9.5	12	13
	Heating ^{*6}	kW	15.5	10	12	14	15.5
Power input ^{*2}	Cooling ^{*5}	kW	4.73	2.48	3.11	4.14	4.73
	Heating ^{*6}	kW	4.56	2.7	3.33	3.94	4.56
EER/COP ^{*2}		W/W	2.75/3.4	3.15/3.7	3.05/3.6	2.9/3.55	2.75/3.4
Refrigerant charge volume		kg	2.2	2.2	2.2	2.2	2.2
Sanitary water temperature		°C	40~80	40~80	40~80	40~80	40~80
Sound pressure level	Cooling	dB(A)	59	56	56	57	59
	Heating	dB(A)	57	54	54	55	57
Dimensions(WxDxH)	Outline	mm	1200x460x878	1200x460x878	1200x460x878	1200x460x878	1200x460x878
	Packaged	mm	1290x586x1010	1290x586x1010	1290x586x1010	1290x586x1010	1290x586x1010
Net weight/Gross weight		kg	151/166	151/166	151/166	151/166	151/166
Loading quantity	40'GP	unit	58	58	58	58	58
	40'HQ	unit	58	58	58	58	58



R32 DC Inverter Monoblock Heat Pump



Monoblock Heat Pump

PPKP

Product Features:

1. Multi Functions: Cooling Heating Hot Water
2. Eco-Friendly Refrigerant R32
3. DC Inverter Compressor
4. New Electric Control Box
5. Certification: ISO9001, CE, CB



Easy Installation



Self-diagnosis



Long-distance Monitoring



Low Temperature Heating

DC Inverter Heat Pump

Model						
Heating Capacity Range		kW	2-10	4.7-15.5	6-20	9-26
Heating (A7/6°C, W30/35°C)	Heating Capacity	kW	9.90	15.20	18.50	24.2
	Power Input	kW	2.28	3.50	4.32	5.82
	COP	W/W	4.35	4.34	4.28	4.17
Heating (A-12°C, W36/41°C)	Heating Capacity	kW	6.93	10.50	12.80	19.3
	Power Input	kW	2.83	4.02	4.89	7.55
	COP	W/W	2.45	2.61	2.62	2.55
Heating (A7/6°C, W40/45°C)	Heating Capacity	kW	9.50	14.80	18.21	21.8
	Power Input	kW	2.75	4.30	5.10	6.36
	COP	W/W	3.45	3.44	3.57	3.43
Heating (A7/6°C, W47/55°C)	Heating Capacity	kW	7.27	11.17	16.42	19.6
	Power Input	kW	2.55	3.83	5.43	6.73
	COP	W/W	2.85	2.91	3.02	2.92
Cooling (A35/24°C, W23/18°C)	Cooling Capacity	kW	8.99	11.00	17.82	26.1
	Power Input	kW	2.41	3.08	4.92	6.7
	EER	W/W	3.73	3.57	3.62	3.89
Cooling (A35/24°C, W12/7°C)	Cooling Capacity	kW	8.10	12.20	14.50	20.5
	Power Input	kW	2.03	2.89	4.79	6.5
	EER	W/W	2.93	2.84	2.82	3.15
Maximum input power		kW	3.10	5.55	6.74	9.2
High pressure value cut-off pressure		MPa	4.2Mpa			
Low pressure valve cut-off pressure		MPa	0.05Mpa			
Brand/Type of Compressor		/	panasonic			
Brand of EEV	EEV		SANHUA			
Brand of 4-way valve			SANHUA			
Brand of Water pump			WILO		/	
Waterproof grade		/	IPX4			
Noise pressure		dB(A)	46	49.00	52	57
Max water outlet temperature		°C	55.00			
Diameter of water connection		/	DN 25 (1")	DN 25 (1")	DN 25 (1")	DN40 (1.5")
Drainage valve		mm	/			
Lowest Operational point, outdoor air/flow line (heating mode)			-25.00			
Highest Operational point, outdoor air/flow line (heating mode)			43.00			
Package Dimensions (L/W/H)		mm	1120*490*990	1120*490*1500	1120*490*1500	1250*520*1697
Gross Weight		KG	108.00	155.00	165.00	203.00



All In One Heat Pump Water Heater



Heat Pump Water Heater

Product Features:

1. Multi Functions: Cooling Heating Hot Water
2. Eco-Friendly Refrigerant R32
3. DC Inverter Compressor
4. New Electric Control Box
5. Certification: ISO9001, CE, CB



Easy Installation



Standard Mode(Heat Pump)



Fast Heating Mode
(Electric Heating+Heat Pump)



Electric Heating Mode

Heat Pump Water Heater

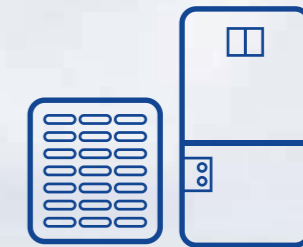
Model	Side Blow Design			Top Blow Design		
	PWHS-150L	PWHT-200L	PWHT-300L	PWHT-150L	PWHT-200L	PWHT-300L
Product Dimensions	φ 510*1815	φ 570*1810	φ 640*1975	φ 570*1521	φ 570*1803	φ 640*2015
Power supply	220~240V/50Hz	220~240V/50Hz	220~240V/50Hz	220~240V/50Hz	220~240V/50Hz	220~240V/50Hz
Heating capacity	1800W	1800W	2420W	1800W	1800W	2420W
COP	3.87	3.87	3.85	3.82	3.82	3.88
Refrigerant	R134a	R134a	R134a	R134a	R134a	R134a
Evaporator	Ø7Hydrophilic aluminum foil	Ø7Hydrophilic aluminum foil	Ø7Hydrophilic aluminum foil	Ø7Hydrophilic aluminum foil	Ø7Hydrophilic aluminum foil	Ø7Hydrophilic aluminum foil
Motor	YDK12/16	YDK12/16	YDK29/30	YDK25/32	YDK25/32	YDK25/32
Axial fan	φ 300	φ 300	φ 320	φ 190	φ 190	φ 190
Wire controller	Digital screen, touch button	Digital screen, touch button	Digital screen, touch button	Digital screen, touch button	Digital screen, touch button	Digital screen, touch button
Hot water production:	39L/h	39L/h	64.5L/h	39L/h	39L/h	52L/h
Max outlet water temperature:	70°C	70°C	70°C	70°C	70°C	70°C
Ambient temperature:	- 7~45°C	- 7~45°C	- 7~45°C	- 7~45°C	- 7~45°C	- 7~45°C
Noise:	≤48dB(A)	≤48dB(A)	≤52dB(A)	≤52dB(A)	≤52dB(A)	≤53dB(A)
Gross weight	85kg	112kg	142kg	75kg	96kg	141kg
Built-in pressure protection	0.8MPa	0.8MPa	0.8MPa	0.8MPa	0.8MPa	0.8MPa
Auxiliary electric heating	2000W	2000W	2000W	2000W	2000W	2000W
Water tank Volume:	150L	200L	300L	150L	200L	300L
Packing Dimensions:	600*585*2010m	710*680*2010m	740*740*2140m	645*645*1680m	645*645*1970m	740*740*2140m
Operating temperature	- 7~45°C	- 7~45°C	- 7~45°C	- 7~45°C	- 7~45°C	- 7~45°C



Puremind



AHU X RTU



Air Handler Unit



Rooftop Package Unit



Air Handler Unit

Puremind Air Handler Unit



Air Handler

Product Features:

- 1.Capacity:18k/24k/30K/36K/48K/60K Btu/h
- 2.A shape coil, enhanced heat exchange efficiency
- 3.DC motor , high efficiency and low noise
- 4.3-speed adjustable for actual use
- 5.φ10" big fan, powerful wind
- 6.Vertical/horizontal installation



Insulated Cabinet



Motor & Blower



Multi-position Installation



Expansion Device

Puremind Air Handler Unit

Cooling Only									
Market Model		PKCAHU-18	PKCAHU-24	PKCAHU-30	PKCAHU-36	PKCAHU-42	PKCAHU-48	PKCAHU-60	
Power supply	V/Ph/Hz	208-230V/1N/60Hz	208-230V/1N/60Hz	208-230V/1N/60Hz	208-230V/1N/60Hz	208-230V/1N/60Hz	208-230V/1N/60Hz	208-230V/1N/60Hz	
Capacity	Btu/h	17600	23600	28000	33000	40000	47000	56000	
MCA	A	1.5	1.5	2	2	2.5	3	3	
MOP	A	3	3	3	3	5	5	5	
Indoor coil	Number of row	3(row)*2(piece)	4(row)*2(piece)	4(row)*2(piece)	4(row)*2(piece)	4(row)*2(piece)	5(row)*2(piece)	5(row)*2(piece)	
	Tube pitch(a)xrow pitch(b)	in	0.83x0.53	0.83x0.53	0.83x0.53	0.83x0.53	0.83x0.53	0.83x0.53	
	Fin spacing	in	1/16	1/16	1/16	1/16	1/16	1/16	
	Fin material		Hydrophilic	Hydrophilic	Hydrophilic	Hydrophilic	Hydrophilic	Hydrophilic	
	Tube outside diameter	in	φ 0.276	φ 0.276	φ 0.276	φ 0.276	φ 0.276	φ 0.276	
	Tube material		inner grooved	inner grooved	inner grooved	inner grooved	inner grooved	inner grooved	
Coil length x height x width	in	17 7/16x14 7/8x1 37/64	17 7/16x16 17/32x2 7/64	17 7/16x16 17/32x2 7/64	17 7/16x16 17/32x2 7/64	17 7/16x16 17/32x2 7/64	19 27/32x21 1/2x2 5/8	19 27/32x21 1/2x2 5/8	
Number of circuit		6	8	8	8	8	12	12	
Indoor fan motor	Type		ECM	ECM	ECM	ECM	ECM	ECM	
	Rate current	A	2.6	2.6	3.8	3.8	5.4	5.4	
	Input	W	142.4	142.4	245.9	245.9	249.3	249.3	
	Output	W	249	249	373	373	560	560	
	Capacitor	μF	/	/	/	/	/	/	
	Speed (Hi/Me/Lo)	rpm							
Indoor air flow	CFM	670	770	1050	1080	1300	1400	1510	
Indoor noise level	dB(A)	50	52	54	55	56	57	59	
Indoor dimension	Unit (WxHxD)	in	19-5/8/3x45-3/4x22	19-5/8/3x45-3/4x22	19-5/8/3x45-3/4x22	19-5/8/3x45-3/4x22	19-5/8/3x45-3/4x22	22x53-1/8x24-1/2	22x53-1/8x24-1/2
		mm	500x1162x560	500x1162x560	500x1162x560	500x1162x560	500x1162x560	560x1350x623	560x1350x623
	Packing (WxHxD)	in	22-5/6x47-5/8x25-3/5	22-5/6x47-5/8x25-3/5	22-5/6x47-5/8x25-3/5	22-5/6x47-5/8x25-3/5	22-5/6x47-5/8x25-3/5	28x54-3/4x25-1/5	28x54-3/4x25-1/5
		mm	580x1210x650	580x1210x650	580x1210x650	580x1210x650	580x1210x650	710x1390x640	710x1390x640
Net / Gross weight	kg	56/61	59/64	59.5/63.5	59.5/63.5	60.5/64.5	73.5/79.5	73.5/79.5	

Heat Pump									
Market Model		PKHAHU-18	PKHAHU-24	PKHAHU-30	PKHAHU-36	PKHAHU-42	PKHAHU-48	PKHAHU-60	
Power supply	V/Ph/Hz	208-230V/1N/60Hz	208-230V/1N/60Hz	208-230V/1N/60Hz	208-230V/1N/60Hz	208-230V/1N/60Hz	208-230V/1N/60Hz	208-230V/1N/60Hz	
Cooling Capacity	Btu/h	17600	24900	28000	33300	38000	47000	50000	
Heating Capacity	Btu/h	17700	22700	28000	32700	41900	48000	48000	
MCA	A	1.5	1.5	2	2	2.5	3	3	
MOP	A	3	3	3	3	5	5	5	
Indoor coil	Number of row	3(row)*2(piece)	4(row)*2(piece)	4(row)*2(piece)	4(row)*2(piece)	4(row)*2(piece)	5(row)*2(piece)	5(row)*2(piece)	
	Tube pitch(a)xrow pitch(b)	in	0.83x0.53	0.83x0.53	0.83x0.53	0.83x0.53	0.83x0.53	0.83x0.53	
	Fin spacing	in	1/16	1/16	1/16	1/16	1/16	1/16	
	Fin material		Hydrophilic	Hydrophilic	Hydrophilic	Hydrophilic	Hydrophilic	Hydrophilic	
	Tube outside diameter	in	φ 0.276	φ 0.276	φ 0.276	φ 0.276	φ 0.276	φ 0.276	
	Tube material		inner grooved	inner grooved	inner grooved	inner grooved	inner grooved	inner grooved	
Coil length x height x width	in	17 7/16x14 7/8x1 37/64	17 7/16x16 17/32x2 7/64	17 7/16x16 17/32x2 7/64	17 7/16x16 17/32x2 7/64	17 7/16x16 17/32x2 7/64	19 27/32x21 1/2x2 5/8	19 27/32x21 1/2x2 5/8	
Number of circuit		6	8	8	8	8	12	12	
Indoor fan motor	Type		ECM	ECM	ECM	ECM	ECM	ECM	
	Rate current	A	2.6	2.6	3.8	3.8	5.4	5.4	
	Input	W	142.4	142.4	245.9	245.9	249.3	249.3	
	Output	W	249	249	373	373	560	560	
	Capacitor	μF	/	/	/	/	/	/	
	Speed (Hi/Me/Lo)	rpm							
Indoor air flow	CFM	678	742	1042	1042	1230	1363	1580	
Indoor noise level	dB(A)	50	54	56	56	59	57	60	
Indoor dimension	Unit (WxHxD)	in	19-5/8/3x45-3/4x22	19-5/8/3x45-3/4x22	19-5/8/3x45-3/4x22	19-5/8/3x45-3/4x22	19-5/8/3x45-3/4x22	22x53-1/8x24-1/2	22x53-1/8x24-1/2
		mm	500x1162x560	500x1162x560	500x1162x560	500x1162x560	500x1162x560	560x1350x623	560x1350x623
	Packing (WxHxD)	in	22-5/6x47-5/8x25-3/5	22-5/6x47-5/8x25-3/5	22-5/6x47-5/8x25-3/5	22-5/6x47-5/8x25-3/5	22-5/6x47-5/8x25-3/5	28x54-3/4x25-1/5	28x54-3/4x25-1/5
		mm	580x1210x650	580x1210x650	580x1210x650	580x1210x650	580x1210x650	710x1390x640	710x1390x640
Net / Gross weight	kg	56/61	59/64	59.5/63.5	59.5/63.5	73.5/79.5	73.5/79.5	73.5/79.5	



Rooftop Package Unit



Rooftop Package Unit

Product Features:

- 1.DC inverter motor
- 2.High-efficiency fan blade
- 3.Excellent grid adaptability
- 4.Multiple protection design
- 5.Automatic adjustment of throttling
- 6.Anti-crossflow design of outdoor fan
- 7.Weather fastness fan blade
- 8.Non-polarity communication design
- 9.Auxiliary controller



Remote Control Function



Multi Parameter Throttling Control Design



Emergency Operation Design



Centralized Control

PGKB-5.5U/AH-1、PGKB-6.2U/AH-1 Product Parameters

Model		PGKB-5.5U/AH-1	PGKB-6.2U/AH-1
Ton		5.5	6.2
Capacity			
Cooling Capacity	Btu/h	75100	78500
Cooling Capacity	kW	22.0	23.0
Heating Capacity	Btu/h	88700	90400
Heating Capacity	kW	26.0	26.5
Electrical Data			
Power Supply		380-415V 3N~ 50/60Hz	380-415V 3N~ 50/60Hz
Cooling Power Input	kW	8.5	8.5
Heating Power Input	kW	7.5	7.5
Max. Power Input	kW	10.0	10.0
Max. Current	A	18.0	18.0
Sound			
Sound Pressure Level	dB(A)	66.0	66.0
Refrigerant			
Refrigerant Type	-	R410A	R410A
Refrigerant Weight	kg	5.0	5.0
Air Flow			
Air Flow Volume	CFM	1765	1765
Air Flow Volume	m ³ /h	3000	3000
Pressure			
External Static Pressure	Pa	60	60
External Static Pressure	InWg	0.24	0.24
External Static Pressure Range	Pa	0-180	0-180
External Static Pressure Range	InWg	0-0.72	0-0.72
Dimension			
Outline Dimension(W×D×H)	mm	1450×1120×815	1450×1120×815
Package Dimension(W×D×H)	mm	1463×1133×860	1463×1133×860
Weight			
Net Weight	kg	268	268
Gross Weight	kg	289	289
Loading			
Loading Quantity	20'GP	16	16
Loading Quantity	40'HQ	48	48



Rooftop Package Unit

PGKB-7.5U/AH-1、PGKB-10U/AH-1 Product Parameters

Model		PGKB-7.5U/AH-1	PGKB-10U/AH-1
Ton		7.5	10
Capacity			
Cooling Capacity	Btu/h	98900	116000
Cooling Capacity	kW	29.0	34.0
Heating Capacity	Btu/h	109200	133100
Heating Capacity	kW	32.0	39.0
Electrical Data			
Power Supply		380-415V 3N~ 50/60Hz	380-415V 3N~ 50/60Hz
Cooling Power Input	kW	9.0	13.5
Heating Power Input	kW	9.2	11.5
Max. Power Input	kW	10.0	15.0
Max. Current	A	18.0	23.0
Sound			
Sound Pressure Level	dB(A)	68	72
Refrigerant			
Refrigerant Type	-	R410A	R410A
Refrigerant Weight	kg	8.0	10.0
Air Flow			
Air Flow Volume	CFM	2590	3414
Air Flow Volume	m ³ /h	4400	5800
Pressure			
External Static Pressure	Pa	80	90
External Static Pressure	InWg	0.32	0.36
External Static Pressure Range	Pa	0-210	0-210
External Static Pressure Range	InWg	0-0.84	0-0.84
Dimension			
Outline Dimension(W×D×H)	mm	1450×1120×1215	1450×1120×1215
Package Dimension(W×D×H)	mm	1463×1133×1260	1463×1133×1260
Weight			
Net Weight	kg	348	350
Gross Weight	kg	368	370
Loading			
Loading Quantity	20'GP	7	7
Loading Quantity	40'HQ	32	32

PGKA-15U/AH-1、PGKA-20U/AH-1 Product Parameters

Model		PGKA-15U/AH-1	PGKA-20U/AH-1
Ton		15	20
Capacity			
Cooling Capacity	Btu/h	170900	216700
Cooling Capacity	kW	50.1	63.5
Heating Capacity	Btu/h	191100	264400
Heating Capacity	kW	56.0	77.5
Electrical Data			
Power Supply	-	380-415V 3N~ 50Hz	380-415V 3N~ 50Hz
Cooling Power Input	kW	23.0	28.5
Heating Power Input	kW	16.5	25.0
Max. Power Input	kW	26.0	30.0
Max. Current	A	44.0	51.0
Sound			
Sound Pressure Level	dB(A)	74	75
Refrigerant			
Refrigerant Type	-	R410A	R410A
Refrigerant Weight	kg	12.0	16.0
Air Flow			
Air Flow Volume	CFM	5592	8829
Air Flow Volume	m ³ /h	9500	15000
Pressure			
External Static Pressure	Pa	130	150
External Static Pressure	InWg	0.52	0.60
External Static Pressure Range	Pa	50-200	75-220
External Static Pressure Range	InWg	0.2-0.8	0.3-0.88
Dimension			
Outline Dimension(W×D×H)	mm	2260×1140×1245	2240×1880×1250
Package Dimension(W×D×H)	mm	2283×1163×1290	2258×1898×1300
Weight			
Net Weight	kg	590	820
Gross Weight	kg	618	870
Loading			
Loading Quantity	20'GP	4	3
Loading Quantity	40'HQ	20	12



Rooftop Package Unit

PGKA-25U/AH-1、PGKA-30U/AC-1 Product Parameters

Model		PGKA-25U/AH-1	PGKA-30U/AC-1
Ton		25	30
Capacity			
Cooling Capacity	Btu/h	303700	358300
Cooling Capacity	kW	89.0	105.0
Heating Capacity	Btu/h	344600	/
Heating Capacity	kW	101.0	/
Electrical Data			
Power Supply	-	380-415V 3N~ 50Hz	380-415V 3N~ 50Hz
Cooling Power Input	kW	38.0	34.0
Heating Power Input	kW	30.5	/
Max. Power Input	kW	43.0	43.0
Max. Current	A	73.0	73.0
Sound			
Sound Pressure Level	dB(A)	76	76
Refrigerant			
Refrigerant Type	-	R410A	R410A
Refrigerant Weight	kg	25.0	15.0+15.0
Air Flow			
Air Flow Volume	CFM	9712	10889
Air Flow Volume	m ³ /h	16500	18500
Pressure			
External Static Pressure	Pa	200	250
External Static Pressure	InWg	0.8	1
External Static Pressure Range	Pa	100-250	125-300
External Static Pressure Range	InWg	0.40-1.00	0.50-1.20
Dimension			
Outline Dimension(W×D×H)	mm	2880×2240×1270	3800×2240×1250
Package Dimension(W×D×H)	mm	2893×2253×1290	3810×2250×1283
Weight			
Net Weight	kg	1180	1500
Gross Weight	kg	1224	1550
Loading			
Loading Quantity	20'GP	1	1
Loading Quantity	40'HQ	8	6

PGKA-30U/AH-1 Product Parameters

Model		PGKA-30U/AH-1
Ton		30
Capacity		
Cooling Capacity	Btu/h	368500
Cooling Capacity	kW	108.0
Heating Capacity	Btu/h	436700
Heating Capacity	kW	128.0
Electrical Data		
Power Supply		380-415V 3N~ 50Hz
Cooling Power Input	kW	43.0
Heating Power Input	kW	38.0
Max. Power Input	kW	47.0
Max. Current	A	80.0
Sound		
Sound Pressure Level	dB(A)	77
Refrigerant		
Refrigerant Type	-	R410A
Refrigerant Weight	kg	14.0+14.0
Air Flow		
Air Flow Volume	CFM	9710
Air Flow Volume	m ³ /h	16500
Pressure		
External Static Pressure	Pa	125
External Static Pressure	InWg	0.5
External Static Pressure Range	Pa	125/310
External Static Pressure Range	InWg	0.50/1.24
Dimension		
Outline Dimension(W×D×H)	mm	2850×2240×1240
Package Dimension(W×D×H)	mm	2863×2253×1285
Weight		
Net Weight	kg	1009
Gross Weight	kg	1070
Loading		
Loading Quantity	20'GP	2
Loading Quantity	40'HQ	8



Rooftop Package Unit



Rooftop Package Unit

Product Features:

1. SEER: 13
2. Capacity: 3/4/5 Ton
3. Side air inlet outlet design, easy to install
4. Optimal structural design, large loading capacity
5. Built in air filter, effectively remove particles in the air
6. External pressure switch design for easy maintenance



Energy Management



Cooling



Air Treatment



Heating

Rooftop Package Unit

Product Parameter					
Nominal ton		3Tons	4Tons		5Tons
Power	voltage/phase/frequency	230V/1/60	230V/1/60	230V/1/60	230V/1/60
Capacity	Cooling(Btu/h)	33500	47000	47000	56500
Performance	SEER	13.0	13.0	13.0	13.0
Dimensions	L*W*H(mm)	1321*958*630	1486*1086*840	1486*1086*840	1486*1086*840
Net weight (Kg)		140	195	195	200
Gross weight (Kg)		144	199	199	204
Packing dimension:L*W*H(mm)		1323*950*660	1491*1056*865	1491*1056*865	1491*1056*865
Refrigerant type		R410A	R410A	R410A	R410A
Compressor	Type	Fixed Speed Rotary	Fixed Speed Scroll	Fixed Speed Scroll	Fixed Speed Scroll
Noise level	dB(A)	61	66	66	66



Industrial Chiller



Industrial Chiller

Air Cooled Screw Chiller	61
Air-cooled Modular Chiller	63
Water Cooled Screw Chiller	65
Water Cooled Scroll Chiller	67



Air Cooled Screw Chiller



Air Cooled Screw Chiller

Product Features:

1. Energy Saving
2. Advanced Technology
3. Stable Cooling / Heating Ability
4. Intelligent Frosting Technology
5. Engineering Control Panel
6. Multiple Safety Protection



Energy Saving



Intelligent Frosting Technology



Stable Cooling / Heating Ability



Advanced Technology

Puremind Air Cooled Screw Chiller Product Parameters

Model		PYKPLDB-1700L /CC-3Z2	PYKPLDB-2300L /CC-3Z2	PYKPLDB-2700L /CC-3Z2	PYKPLDB-3200L /CC-3Z2	PYKPLDB-3400L /CC-3Z2	
Cooling Capacity	KW	170	230	270	320	340	
	10 ⁴ Kcal/h	14.6	19.8	23.2	27.5	29.2	
	USRT	48.3	65.4	76.8	91.0	96.7	
Input Power	KW	50.3	65.8	74.6	86.5	93.9	
Operating Current	A	86.2	109.9	125.3	144.3	156.3	
Heating Capacity	KW	190	250	290	340	360	
	10 ⁴ Kcal/h	16.3	21.5	24.9	29.2	31.0	
	USRT	54.0	71.1	82.5	96.7	102.4	
Input Power	KW	47.9	62.7	71.1	82.5	89.6	
Operating Current	A	82.8	105.1	119.7	137.9	149.2	
Partial Heat Recovery	KW	51	69	81	96	102	
Energy Regulation	%	0、50、75、100Four-band Tolerance					
Power Supply		380V 3N~50Hz					
Compressor	Type	5-6 Semi-hermetis Screw					
	Quantity	1	1	1	1	1	
	Startup Method	Y-▲					
Evaporator	Type	High Efficiency Shell Tube Type					
	Cooling Water Flow	m ³ /h	29.2	39.6	46.4	55.0	58.5
	Water Resistance	Kpa	35	40	40	45	50
	Interface Size	DN	65	65	80	80	100
Fins	Type	Copper Tube Through Corrugated Aluminum Fins					
Ventilator	Type	Low Noise and High Efficiency Axial Flow					
	Air Volume	1000m ³ /h	58	80	80	120	120
	Quantity	Pcs	4	4	4	6	6
	Power	KW	6	8	8	12	12
Heat Recovery Unit	Type	High Efficiency Shell Tube Type					
	Cooling Water Flow	m ³ /h	11.0	14.8	17.4	20.6	21.9
	Water Resistance	Kpa	25	30	35	40	45
	Interface Size	DN	25	50	50	50	50
Refrigerant	Type/Throttling Method	R134a/R22/Thermal Expansion Valve/Electronic Expansion Valve					
	Charge Volume	KG	41	45	50	55	60
Dimensions	Lengths	mm	2104	2104	2104	3154	3154
	Widths	mm	2104	2104	2104	2104	2104
	Heights	mm	2400	2400	2400	2400	2400
Net Weights	KG	1900	1950	2000	2100	2200	



Air-cooled Modular Chiller



Air-cooled Modular Chiller

Product Features:

- 1.Refrigerant: R410a
- 2.Cooling Capacity: 65/100/130 KW
- 3.Energy Efficient
- 4.Advanced Technology
- 5.Failure Backup Funtion
- 6.Intelligent Functions
- 7.Multiple Safety Protection



Energy Efficient



Light and Compact



Intelligent Functions



Advanced Technology

Puremind Air-cooled Modular Chiller Product Parameters

Model		PYKADB-650M/AH-3	PYKADB-1000M/AH-3	PYKADB-1300M/AH-3	
Cooling Capacity	KW	65.0	100.0	130.0	
	10°Kcal/h	5.6	8.6	11.2	
Cooling Input Power	KW	21.0	28.4	39.3	
Heating Capacity	KW	69.0	106.0	138.0	
	10°Kcal/h	5.9	9.1	11.9	
Heating Input Power	KW	21.7	29.8	41.5	
Operating Current	A	38.9	58.2	77.6	
Maximum Current	A	47.5	69.8	93.1	
Partial Heat Recovery	KW	19.5	30.0	39.0	
Power Supply		3N 380V~50Hz			
Compressor	Type	Hermetic Scroll Compressor			
	Quantity	2	3	2	
Water-side Heat Exchanger	Type	High Efficiency Shell Tube Type			
	Chilled Water Volume	m³/h	11.2	17.2	22.4
	Water Resistance	kPa	42	48	50
	Interface Size	DN	65	65	65
Ventilator	Type	Low Noise and High Efficiency Axial Flow			
	Quantity	2	2	2	
Heat Recovery Unit	Type	High Efficiency Shell Tube Type			
	Hot Water Volume	m³/h	3.4	5.2	6.7
	Water Resistance	kPa	35	38	40
	Interface Size	DN	32	32	40
Refrigerant	Type/Throttling Method	R410a/Electronic Expansion Valve			
	Charge Volume	kg	13.0	20.2	26.9
Dimensions	Lengths	mm	2100	2600	2200
	Widths	mm	900	1350	1100
	Heights	mm	1950	1800	2440
Net Weights		kg	650	850	950



Water Cooled Screw Chiller



Water Cooled Screw Chiller

Product Features:

- 1.Refrigerant: R22
- 2.Cooling Capacity: 92kW~7002kW
- 3.Freezing Water Temp Range:5°C-20°C
- 4.High Efficiency: Adopting advanced high-efficiency compressor matched with high-quality condenser and evaporator, and produced by advanced processing technology
- 5.Smart: Using microcomputer touch screen control system, can be connected to the user's central control system
- 6.Safety: With a variety of unit operation safety protection measures
- 7.Beautiful: The unit is reasonably designed and has a beautiful appearance



Energy Efficient



Semi-hermetic Screw Compressor



Precise Temperature Control



Stable and Reliable

Puremind Water Cooled Screw Chiller Product Parameters

Model		PYKSLDB-1000L /CC-3	PYKSLDB-1400L /CC-3	PYKSLDB-1800L /CC-3	PYKSLDB-2400L /CC-3	PYKSLDB-2600L /CC-3	PYKSLDB-3100L /CC-3	
Cooling Capacity	KW	100	140	180	240	260	310	
	10°Kcal/h	8.6	12.0	15.5	20.6	22.4	26.7	
	USRT	28.4	39.8	51.2	68.2	73.9	88.1	
Input Power	KW	22.9	30.3	38	50.2	54.8	62.1	
Operating Current	A	38.5	52.1	68.4	85.3	92.4	105.2	
Partial Heat Recovery	KW	30	42	54	72	78	93	
Energy Regulation	%	0、66、100Three-stage Tolerance			0、50、75、100Four-stage Tolerance			
Power Supply		3P-380V-50Hz						
Compressor	Type	5-6 Semi-hermetis Screw						
	Quantity	1	1	1	1	1	1	
	Startup Mode	Y-▲						
Evaporator	Type	Shell and tube type						
	Cooling Water Flow	m³/h	17.2	24.1	31.0	41.3	44.7	53.3
	Water Resistance	Kpa	30	30	35	40	40	45
	Interface Size	DN	65	65	65	80	80	80
Condenser	Type	Shell and tube type						
	Cooling Water Flow	m³/h	21.5	30.1	38.7	51.6	55.9	66.7
	Water Resistance	Kpa	25	25	30	35	35	40
	Interface Size	DN	65	65	80	80	80	80
Heat Recovery Unit	Type	Shell and tube type						
	Cooling Water Flow	m³/h	6.5	9.0	11.6	15.5	16.8	20.0
	Water Resistance	Kpa	20	20	25	30	35	40
	Interface Size	DN	25	25	25	50	50	50
Refrigerant	Type	R22/Thermal Expansion Valve/Electronic Expansion Valve						
	Filling Capacity	KG	20	20	41	45	45	50
Dimensions	Lengths	mm	2150	2200	2300	2650	2900	2900
	Widths	mm	800	800	900	1350	1400	1400
	Heights	mm	1600	1650	1700	1500	1500	1500
Net Weights	KG	980	1010	1200	1350	1460	1590	



Water Cooled Scroll Chiller



Water Cooled Scroll Chiller

Product Features:

- 1.High Performance: High efficiency scroll compressor shell and tube type and environment friendly R410a Refrigerant.
- 2.Multi Units: Multi units parallel technology, more compressor sparallel design to save more power heat recovery function.
- 3.Intelligent Control System: Provides precise temperature management, easy operation, and comprehensive monitoring capabilities.
- 4.Multiple Protections



High Performance-Advanced Heat Exchanger



Multiple Protection



Intelligent Control System



Multi Units Parallel Technology

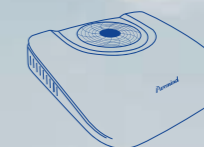
Puremind Water Cooled Scroll Chiller Product Parameters

Model		PYKSWDB-300L /CC-3Z2	PYKSWDB-380L /CC-3Z2	PYKSWDB-450L /CC-3Z2	PYKSWDB-620L /CC-3Z2	PYKSWDB-730L /CC-3Z2	PYKSWDB-930L /CC-3Z2	PYKSWDB-1000L /CC-3Z2	PYKSWDB-1480L /CC-3Z2	
Cooling Capacity	KW	30.0	38.0	45.0	62.0	73.0	93.0	110.0	148.0	
	10°Kcal/h	2.6	3.3	3.9	5.3	6.3	8.0	9.5	12.7	
Input Power	KW	6.6	7.6	9.9	13.3	16.0	19.9	24.0	32.0	
Operating Current	A	12.0	13.6	18.0	23.6	27.8	35.4	41.7	55.6	
Partial Heat Recovery	KW	9.0	11.4	13.5	18.6	21.9	27.9	33.0	44.4	
Energy Regulation		380V 3N~50Hz								
Compressor	Type	Hermetic Scroll								
	Quantity	2	2	3	2	2	3	3	4	
Evaporator	Type	Shell and tube type								
	Cooling Water Flow	m³/h	5.2	6.5	7.7	10.7	12.6	16.0	18.9	25.5
	Water Resistance	Kpa	34	35	38	39	39	42	42	45
	Interface Size	DN	40	40	50	65	65	65	65	80
Condenser	Type	Shell and tube type								
	Cooling Water Flow	m³/h	6.4	8.2	9.7	13.3	15.7	20.0	23.6	31.8
	Water Resistance	Kpa	31	31	33	35	35	36	36	38
	Interface Size	DN	40	40	50	65	65	65	65	80
Heat Recovery Unit	Type	Shell and tube type								
	Hot Water Flow	m³/h	1.5	2.0	2.3	3.2	3.8	4.8	5.7	7.6
	Water Resistance	Kpa	28	28	29	31	31	33	33	34
	Interface Size	DN	25	25	25	32	32	32	40	40
Refrigerant	Type	R32/R410a								
	Filling Capacity	KG	5.1/4.0	6.4/5.1	7.8/6.0	10.5/8.0	12.4/9.5	15.5/12.0	18.6/14.1	24.5/19.1
Product Size	Lengths	mm	1520	1520	2010	2010	2010	2250	2250	2460
	Widths	mm	550	550	550	650	650	650	650	820
	Heights	mm	1250	1250	1250	1350	1350	1400	1400	1450
Running Weight	KG	280	300	390	420	490	510	680	770	

RV Air Conditioner Truck Air Conditioner



R32 RV Air Conditioner	71
R410a RV Air Conditioner	71
R32 115V RV Air Conditioner	71



R134a 24V Truck Air Conditioner	73
R32 48V Truck Air Conditioner	73



Puremind RV Air Conditioner



R32 RV Air Conditioner

PGR09A1-BBH



R410a RV Air Conditioner

PGR08A1-ABH

Product Advantages

- Multi Functions: Cooling Heating Dehumidifying
- High Efficient Refrigeration
- Intelligent Operation Modes
- Remote + Wifi Control
- Energy Saving



R32 115V RV Air Conditioner

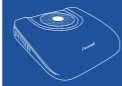
PGR15C1-BAH

R32 RV Air Conditioner

Model			PGR09A1-BBH	PGR12A1-BBH	PGR15C1-BAH
Power Supply	Rated Voltage	V~	220-240	220-240	115V
	Rated Frequency	Hz	50	50	60
	Phases	--	1	1	1
Cooling Capacity		W	2650	3600	4400
Cooling Capacity		Btu/h	9041.8	12283.2	15000
Heating Capacity		W	2500	3400	3520
Heating Capacity		Btu/h	8530	11600.8	12000
Cooling Power Input		W	950	1100	1270
Heating Power Input		W	780	950	1140
Rated Input		W	1300	1350	1550
Rated Current		A	6.2	6.2	12.5
Air Flow Volume		m ³ /h	340/ 290/ 225	360/290/225	480/430/ /310
Dehumidifying Volume		L/h	1	1	/
Application Area		m ²	10~17	10~17	10~17
Indoor Unit	Set Temperature Range	°C	16~30	16~30	16~30
	Sound Pressure Level	dB (A)	53/49/42	54/49/43	56/52/43
	Dimension (W×H×D)	mm	610×485×49	610×485×49	667×497×96
	Net Weight	kg	2.7	2.7	5.5
Outdoor Unit	Cooling Operation Ambient Temperature Range	°C	18~46	18~46	18~46
	Heating Operation Ambient Temperature Range	°C	-5~24	-5~24	-5~24
	Sound Pressure Level	dB (A)	54	54	61
	Dimension (W×H×D)	mm	1077×720×283	1077×720×283	1077×720×309
	Dimension of Package(L×W×H)	mm	1149×786×435	1149×786×435	1149×786×375
	Net Weight	kg	29.5	29.5	45.5
	Refrigerant	--	R32	R32	R32
Loading Quantity	Loading Quantity (20' Container)	unit	70	70	70
	Loading Quantity (40' Container)	unit	150	150	150
	Loading Quantity (40' High Cube Container)	unit	180	180	180

R410a RV Air Conditioner

Model			PGR08A1-ABH	PGR12A1-ABH
Function			Cooling/Heating	Cooling/Heating
Capacity	Cooling	Btu/h	8530	11942
	Heating	Btu/h	7506	10918
EER/C.O.P		W/W	2.33/2.24	2.75/2.71
AEER		W/W	/	/
AEER/ACOP		W/W	/	/
Power Supply		Ph,V,Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz
Power Input	Cooling	W	1070	1270
	Heating	W	980	1180
Rated Input	Cooling	A	6.6	8
	Heating	A	/	/
Airflow Volume	Indoor	m ³ /h	340/280/220/190	380/320/260/230
			Indoor Unit	
Sound Pressure Level	Indoor	dB(A)(SHH/M/L)	53/48/43/38	55x49x44x39
Outline Dimension	WxHxD	mm	667x497x96	667x497x96
Package Dimension	WxHxD	mm	738x590x183	738x578x165
Net Weight/Gross Weight	Indoor	Kg	5.5/8	5.5/8
		Outdoor Unit		
Sound Pressure Level		dB(A)	65/55	65/55
Outline Dimension		mm	1018/650/259	1018/650/259
Package Dimension		mm	1102/327/718	1102/327/718
Net Weight/Gross Weight		Kg	41/46	41/46
Loading Quantity	40'GP	sets	181	181
	40'HQ	sets	206	206



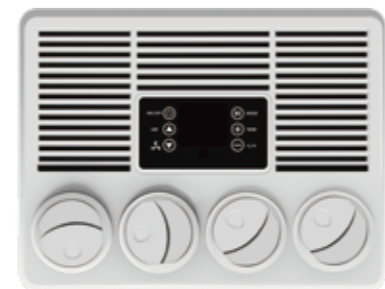
Puremind Truck Air Conditioner



- Seven Wind Speeds
- Sleep Mode
- Easy Installation
- 360° Air Supply

R134a 24V Truck Air Conditioner

PGT07A1-CBC



R134a 24V Truck Air Conditioner

PBT10A1-CAA



R32 48V Truck Air Conditioner

PT12M1-BBH

R134a 24V Truck Air Conditioner - PGT

PGT07A1-CBC	
Model	PGT07A1-CBC
Cooling capacity(W)	Cooling Only
Air volume(m³/h)	2000
Energy efficiency ratio(W/W)	2.3
Noise(dB) Evaporating side/Condensing side	2.3
Refrigerant and injection volume(Kg)	R134a/0.55
Waterproof level	IPX5
Net weight(Kg)	35
Size(mm)	850 ×168(Roof part) ×850

R32 48V Truck Air Conditioner

PT12M1-BBH	
Power	48(38-56) V
Cooling Capacity	11900(5100-13800) Btu/h
Rating Cooling Power	583-1752W
Heating Capacity	11600(5100-13000) Btu/h
Rating Heating Power	510-1333W
Air Flow-high Speed	480m³/h
R32 Refrigerant	550g
Runing Current Compressor/fan	20.5A/1.25A
Demagnetizing Current Compressor/fan	85A/2.9A
Cable Standard	8AWG copper up to 8 meters
Circuit Protection	60A fuse

R134a 24V Truck Air Conditioner - PBT

PBT10A1-CAA	Cooling Only	Cooling Only	Cooling/Heating
Power Supply	DC 12V	DC 24V	DC 24V
Cooling Capacity	2500W	3000W	3000W
Heating Capacity	/	/	2800W
Operating Current	10-60A	10-35A	10-40A
Refrigerant	R134a	R134a	R134a
Product Size	805x805x180mm	805x805x180mm	805x805x180mm
Net Weight	28KG	28KG	29KG





Marine Air Conditioner



Marine Air Conditioner 77



Puremind Split Air Conditioner



Marine Air Conditioner

5000BTU、9000BTU、24000BTU

Product Features:

- 1.R410a Refrigerant
- 2.Multi-inlet port evaporator
- 3.Reverse cycle heat standard
- 4.Replaceable air filter for cleaner air
- 5.Units available in 9000Btu-24000 Btu/h
- 6.Extra low compressor vibration and noise
- 7.High velocity/4-speed/360° rotatable blower
- 8.Corrosion-free stainless steel condensation tray



12000BTU、16000BTU

Marine Air Conditioner

Model		PMD9NaC-T	PMD12NaC-T	PMD16NaC-T	PMD24NaC-T
Capacity-Cooling(Btu/h)		9000	12000	16000	24000
Capacity-Heating(Btu/h)		9500	13000	16500	25200
Power supply(V,Hz,Ph)		220V 50/60Hz 1Ph			
Refrigerant		R410a			
Power input (KW)	Cooling	0.92	0.95	1.25	1.8
	Heating	0.86	1.10	1.25	2.1
Amp Draw (A)	Cooling	4.0	4.3	5.6	11.9
	Heating	3.9	4.6	5.6	14
Air flow (m3/h)	High	470	580	750	1200
	Middle	350	460	600	800
	Low	280	380	450	600
Dimension (mm)	Width	380	580	650	529
	Depth	413	360	370	595
	Height	330	330	330	386
Net weight(kg)		29	33	38	60

Model		PMD5/NaC-A	PMD9/NaC -A	PMD12/NaC -A	PMD16/NaC -A	
Product Code		EY10000560	EY10000580	EY10000530	EY10000520	
Cooling	Nominal Capacity	W	1650	2600	3500	4600
	Running Current	A	4.80	7.20	10.00	11.20
	Power Input	W	540	850	1100	1250
Heating	Nominal Capacity	W	1750	2800	3800	4750
	Running Current	A	5.20	7.80	10.00	12.80
	Power Input	W	540	840	1100	1350
Power Supply		115V~ 60Hz				
Compressor Type		Rotary				
Refrigerant Control		Capillary				
Refrigerant	Type	R410A				
	Charge	kg	0.35	0.45	0.50	0.66
Condenser	Type	Coaxial heat exchanger				
	Pipe Diameter	mm	19			
Evaporator Type		Aluminum fin-copper tube				
Filter		PP				
Fan	Type	Centrifugal fan				
	Drive Type	Direct				
	Quantity	1	1	1	1	
	Diameter-Height	Inch	Φ5.67×3.07	Φ5.67×3.07	Φ7.76×2.99	Φ7.76×3.61
Sound Pressure Level		dB(A) 58				
Unit Dimensions	width	mm	408	408	549	619
	depth	mm	285	380	320	343
	high	mm	295	310	330	330
Net weight		kg	24	27	33	40



Cooling&Heating



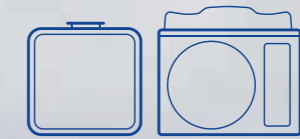
Anti-Corrosion



Capacity: 9000Btu-24000Btu



Portable Air Conditioner



Portable Mini Split Air Conditioner 81



Tent Air Conditioner 81



Puremind Portable Air Conditioner



Easy Operation



Light Weight



Tent Air Conditioner
PBS01L1-CBC



Overvoltage Protection

Portable Mini Split Air Conditioner

Model	PNS07A1-ABC		
Voltage/Cycle	220-240V/50HZ/1PH	Net Weight	29kg
Power Consumpyion	760W	Gross Weight	35kg
Current	3.5A	Refrigerant	R410A
Dehumidification-max	28L/Day	28L/Day	16-31°C
Bucket Capacity	0.6L	Thermostat Range	LED Display
Cooling Capacity	7000BTU/h	Control Type	Yes
Heating Capacity	/	Status Indicator	400*208*408mm
EER	2.7	Body-indoor Dimension	540*208*400mm
COP	/	Body-outdoor Dimension	510*535*670mm
Noise	Indoor:42dB(A) Outdoor:53dB(A)	Carton Dimension	144/296/370

Tent Air Conditioner

Model	PBS01L1-CBC		
Input Voit	DC 24V/220V	Refrigerant	R134a
Cooling Capacity	360W/700W	Application Area	2-3m ³ /4-6m ³
Current	6A/10A	Weight	6.5kg/9kg
Noise Level	45dB (A)	Temperature Range	16°C-30°C
Cooling Way	Compressor Refrigeration		

