



snowman

Keep Pure Mind, Enjoy Your Life

Keep Pure Mind, Enjoy Your Life



Product Catalog

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





Split Air Conditioner



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PTW-A	03
PTW-C	04
PTW-P	04
PTW-W	04
PTW-X	04
PTW-B	04
PTW-Pro	04

Split Air Conditioner



PTW-A

Split Air Conditioner

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/R410a



PTW-C

Split Air Conditioner



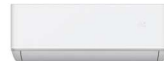
PTW-X

Split Air Conditioner



PTW-P

Split Air Conditioner



PTW-Pro

Split Air Conditioner



PTW-W

Split Air Conditioner



PTW-B

Split Air Conditioner



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	
Voltage Range	V	110-265	110-265	110-265	
Capacity	Btu/h	9000(2647-8895)	12000(3291-13318)	18000(3412-19808)	24000(4055-26006)
Capacity	W	2640(600-2601)	3571(800-3906)	5274(1000-5803)	7035(1200-7630)
Rated power input	W	750(210-1400)	1084(210-1458)	1516(300-2396)	2033(300-2581)
Rated current	A	3.7(1.0-6.3)	4.9(1.2-6.3)	7.5(1.4-10.5)	10.1(2.5-12.6)
EFER	W/W	3.52	3.48	3.48	3.48
Max power input	A	1400	2390	2500	2500
Max current	A	6.3	6.3	10	12
Moisture removal	Ltr/Hr	1	1.2	1.6	2.4
Indoor noise level	dB(A)	34	37	42	45
Outdoor noise level	dB(A)	46	51	52	52
Compressor	Type	Rotary	Rotary	Rotary	Rotary
Model	R92W	R92W	R92W	R92W	
Brand	EMEC	EMEC	EMEC	EMEC	
Expansion device	Type	Capillary	Capillary	Capillary	Capillary
Indoor air flow (m³/min)	m³/min	300	380	550	700
Indoor unit	Dimensions (mm)	688x350x198	778x350x198	978x350x198	1078x350x198
Weight (kg)	10.5	10.5	10.5	10.5	10.5
Outdoor unit	Dimensions (mm)	722x720x448	722x720x448	722x720x448	722x720x448
Weight (kg)	22.5/26.5	24/28	27/32	32/39	32/39
Refrigerant piping	Max. refrigerant pipe length (m)	66(114'x36.52'x10')	66(114'x36.52'x10')	66(114'x36.52'x10')	66(114'x36.52'x10')
Max. difference in level (m)	5	5	5	5	5
Pressure	High (PSI)	4.5	4.5	4.5	4.5
Low (PSI)	1.9	1.9	1.9	1.9	1.9
Refrigerant	Amount (kg)	84/104	84/104	84/104	84/104
Ambient temperature	°C	-15~50	-15~50	-15~50	-15~50
Outdoor air	°C	5~35	5~35	5~35	5~35
Connecting Wiring	Size x Core number	3x1.5mm²/3x100	3x1.5mm²/3x100	3x1.5mm²/3x100	3x1.5mm²/3x100
Power supply cord	Size x Core number	1.0mm²/3x15	1.0mm²/3x15	1.0mm²/3x15	1.0mm²/3x15

R410A Cooling&Heating DC-Inverter Technical Specification

Model	9000BTU	12000BTU	18000BTU	24000BTU	
Type	heating pump				
Control type	remote				
Rated cooling capacity	Btu/h(W)	9000(2640-11500)	12000(3240-13300)	18000(4050-19500)	24000(5120-24900)
Rated heating capacity	Btu/h(W)	9500(2710-12100)	12500(3610-13500)	18500(4350-19500)	24500(5120-24900)
EER for cooling	W/h	3.21	3.21	3.21	3.21
COP for heating	W/h	3.81	3.61	3.07	3.81
Moisture removal	Ltr/Hr	1.0	1.2	1.6	2.2
Pressure	High (PSI)	4.5	4.5	4.5	4.5
	Low (PSI)	1.9	1.9	1.9	1.9
Indoor noise level (S.M.W./L/Mute)	dB(A)	30/31/32/37/37	30/31/34/37/37	43/40/43/43	43/47/45/43/41
Outdoor noise level	dB(A)		49	52	55
Power supply	Electrical Data				
Voltage Range	V	220-240V~50Hz/1P	220-240V~50Hz/1P	220-240V~50Hz/1P	220-240V~50Hz/1P
Rated current	Cooling	A	187-243	187-243	187-243
	Heating	A	3.6(1.2-7.3)	4.7(1.6-12.0)	8.1(1.4-12.0)
Rated input	Cooling	W	820(240-1210)	1090(240-1400)	1670(300-2000)
	Heating	W	770(240-1350)	1210(300-1500)	1720(300-2200)
Annual energy consumption for cooling	kWh	419	348	595	720
Max Current	Cooling	A	12	12	13.5
	Heating	A	12	13.5	15
Max Power input	Cooling	W	1210.0	1600.0	2300.0
	Heating	W	1210.0	1500.0	2300.0
Refrigerant/Charge	kg	R410A/G 480	R410A/G 555	R410A/G 880	R410A/G 1137
Compressor	Type	Rotary	Rotary	Rotary	Rotary
	Model	35WAL20F04MC	K35WAL20F04MC	K35WAL20F04MC	C-40WAL20F04MC
	Brand	EMEC	EMEC	EMEC	EMEC
Expansion device	Type	Capillary tube	Capillary tube	Capillary tube	Capillary tube
Indoor air circulation (Cooling/Heating)	m³/h	430/430	550/550	1300/1300	1800/1800
Connecting Pipe	Gas	mm	Ø9.52(3/8")	Ø9.52(3/8")	Ø12.7(1/2")
	Liquid	mm	Ø6.35(1/4")	Ø6.35(1/4")	Ø6.35(1/4")
Connecting Wiring	Size x Core number	4x1.0	4x1.0	4x1.5/4x1.0	4x1.5/4x1.0
Subtotal area	m²	11-23	11-23	20-38	38-55
Max. refrigerant pipe length	m	15	15	15	15
Max. difference in level	m	5	5	5	5
Operation temperature range	°C	16-31	16-31	16-31	16-31
Ambient temperature range	Outdoor	Cooling: 8-53/Heating: 15-30	Cooling: 8-53/Heating: 15-30	Cooling: 15-43/Heating: 7-24	Cooling: 15-43/Heating: 7-24
	Indoor	Cooling: 17-32/Heating: 8-30	Cooling: 17-32/Heating: 8-30	Cooling: 17-32/Heating: 8-30	Cooling: 17-32/Heating: 8-30
"Net dimensions (D x W x H)"	Indoor	mm	688x350x198	778x350x198	978x350x198
	Outdoor	mm	712x720x448	712x720x448	712x720x448
Net weight	Indoor	kg	10.5	10.5	10.5
	Outdoor	kg	26	28	32
"Packing dimensions (D x W x H)"	Indoor	mm	760x720x217	810x720x217	970x720x217
	Outdoor (w/ pipe)	mm	760x720x217	810x720x217	810x720x217
Gross weight	Indoor	kg	8.5	10	16
	Outdoor (w/ pipe)	kg	29	30	35
Loading capacity with pipe	kg	315	315	315	315



Solar Air Conditioner



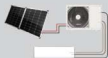
PSW-A	09
PSW-B	09
PSW-C	10
PSW-D	10



Solar Air Conditioner Four Modes

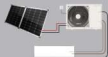
A PURE PHOTOVOLTAIC DRIVE

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



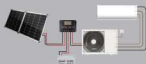
C OFF-GRID DC48V/24V

Off grid, 100% Green Energy Electric power stored in the daytime and used at night.

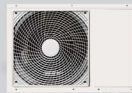


D 3IN1 MULTI-FUNCTION

Maximum power saving All day air conditioning



Solar Air Conditioner



PSW-A

Solar Air Conditioner

Product Features

1. Enjoy air conditioning without spending money
2. Powerful performance and energy-efficiency-Long Distance Air Supply
3. The more you use, the more you save
4. Guaranteed Voltage safety



Core Technologies



Function

Cooling Only/Cooling&Heating



Reliable

Product Quality



Excellent User Experience

PULL SOLAR DRIVE SOLAR AIR-CON

	Model	Unit	PSW-26GWA	PSW-35GWA	PSW-50GWA	PSW-70GWA
Cooling	Power Supply	W	DC120-880W	DC120-900W	DC120-100W	DC120-100W
	Capacity	Capacity	9990(9700+1000)	12900(12600+1000)	18000(17500+1000)	24000(23500+1000)
	Power Input	W	1995(1900-2000)	3600(1700-3500)	5030(3500-6500)	10600(4000-19000)
	Current	A	2.4(0.8-4.5+4.5)	3.0(0.9-10.0)	8.0(4.0-18.0)	17.0(4.0-25.0)
Heating	Capacity	W(H/L)	10000(9000+1000)	13000(12000+1000)	18000(17000+1000)	23000(22000+1000)
	Power Input	W	600(120-1000)	800(180-1100)	1060(300-1900)	2060(500-4100)
	Current	A	2.0(0.4-5.4+5.4)	4.0(1.5-5.8)	8.0(0.9-16.0)	9.3(2.1-13.7)
	Max value	W	1200	1800	2400	4000
Moisture Removal	Max value	L/h	1.8	1.3	1.7	2.5
	Max value	g	1200	1800	2400	4000
	Max current	A	6	5.5	8.0	14.5
	Indoor air flow (m³/h/L)	m³/h	570/470/370	570/470/370	721/566/456	970/780/590
Indoor Unit	Indoor cable (ft/M)	ft(M)	571/180	571/180	450/137	450/137
	Net side (ft/M)	ft	747/147/210	773/147/210	821/171/240	1026/227/312
	Back Pipe (ft/M)	ft	587/179/160	587/179/160	587/179/160	587/179/160
	Net/Gross	kg	81/75/6	81/75/6	8.5/17.5	11.0/17.5
Outdoor Unit	Outdoor air flow (m³/h)	m³/h	2100	2100	2100	2100
	Outdoor noise (dB(A))	dB(A)	+50	+50	+50	+50
	Net side (ft/M)	ft	807/150/240	807/150/240	807/150/240	807/150/240
	Back Pipe (ft/M)	ft	808/160/240	808/160/240	808/160/240	808/160/240
Outdoor Unit	Net/Gross	kg	28/37/3.4	27/37/3	31/30	49/5/9
	Temp/Temp	°C	16°C-30°C	16°C-30°C	18°C-30°C	16°C-30°C
Operation temp						
Ambient temp (cooling/heating)		°C	10~52/1~54	10~52/1~34	18~52/1~34	10~52/1~34
Application area		ft²	1~18	1~13	2~15	3~24
Loading Q by 2040/4400		BTU	35/186/225	35/186/225	33/164/202	52/194/126

ACDC HYBRID SOLAR AIR-CON

	Model	Unit	PSW-26GWB	PSW-35GWB	PSW-50GWB	PSW-70GWB	PSW-100GWB
Cooling	Power Supply	PSW-220V-350W/80Hz	PSW-220V-350W/80Hz	PSW-220V-350W/80Hz	PSW-220V-350W/80Hz	PSW-220V-350W/80Hz	PSW-220V-350W/80Hz
		V	DC5V-800W	DC5V-800W	DC5V-800W	DC5V-800W	DC5V-800W
	Capacity	Btu/h	9500(3000~11000)	12000(7000~14000)	13000(4000~15000)	24000(1100~24000)	36000(6000~77000)
	Power Input	W	5500(1000~7000)	8000(1700~10000)	11000(1400~13000)	19000(2400~20000)	29000(3200~30100)
Heating	Current	A	2.80(0.40~4.0)	3.93(0.50~8.0)	6.0(0.6~10)	9.1(0.6~3.2)	12.8(0.6~15.95)
	Capacity	Btu/h	13000(4000~17000)	13000(4000~17000)	13000(4000~17000)	25000(5000~30000)	37500(7000~45000)
	Power Input	W	6210(120~2000)	8801(130~1110)	1405(200~1800)	2750(300~4400)	5000(500~5000)
	Current	A	2.8(0.3~5.0)	8.8(1.0~12)	6.8(0.8~10)	9.1(1.1~13.1)	12.8(1.1~15.95)
Indoor Unit	Pressure Resistance	L/s	1.5	1.5	1.5	1.5	1.5
	Max current	A	15(2.0)	15(0)	15(0)	15(0)	15(0)
	Max current	A	15(2.0)	15(0)	15(0)	15(0)	15(0)
	Indoor air flow (m³/s)	m³/s	0.50(0.40~0.60)	0.61(0.47~0.76)	0.71(0.56~0.86)	0.85(0.50~1.00)	1.00(0.50~1.00)
Indoor Unit	Indoor noise (1/10dB)	dB(A)	41/36/20	41/36/20	41/37/22	45/39/34	46/40/35
	Net Size (W*H*P)	mm	734*140*25	735*140*25	921*132*25	1024*127*107	1067*120*137
	Net Size (W*H*P)	mm	734*140*25	735*140*25	921*132*25	1024*127*107	1067*120*137
	Net Size (W*H*P)	mm	734*140*25	735*140*25	921*132*25	1024*127*107	1067*120*137
Outdoor Unit	Outdoor air flow (m³/s)	m³/s	21/10	21/10	21/10	21/10	21/10
	Outdoor noise	dB(A)	45/0	45/0	45/2	45/0	45/4
	Net Size (W*H*P)	mm	902*240*90	840*240*90	902*240*90	1067*240*90	1067*240*90
	Net Size (W*H*P)	mm	902*240*90	840*240*90	902*240*90	1067*240*90	1067*240*90
Outdoor Unit	Max/Gross	kg	20/23/13.4	20/23/13.4	31/36	40/55/6	65/77
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
Outdoor Unit	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
Outdoor Unit	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
Outdoor Unit	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
Outdoor Unit	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
Outdoor Unit	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
Outdoor Unit	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
Outdoor Unit	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
Outdoor Unit	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
Outdoor Unit	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
Outdoor Unit	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
Outdoor Unit	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
Outdoor Unit	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
Outdoor Unit	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
Outdoor Unit	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
Outdoor Unit	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
Outdoor Unit	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
Outdoor Unit	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
Outdoor Unit	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
Outdoor Unit	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
Outdoor Unit	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
Outdoor Unit	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
Outdoor Unit	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
Outdoor Unit	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
Outdoor Unit	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
Outdoor Unit	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
Outdoor Unit	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
Outdoor Unit	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
Outdoor Unit	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
Outdoor Unit	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10	18/20/10
Outdoor Unit	Max/Gross	kg	18/20/10	18/20/10	18/20/10	18/20/10</	

OFF GRID DC24/48V SOLAR AIR-CON

[illegible]

3IN1 MULTIFUNCTION SOLAR AIR-CON

	Model	Unit	PSW-2.6GWD	PSW-35GWD	PSW-50GWD	PSW-70GWD
	Power Supply	Power	18A, 220~240VAC	18A, 220~240VAC	18A, 220~240VAC	18A, 220~240VAC
		V	DC5V±0.5V	DC5V±0.5V	DC5V±0.5V	DC5V±0.5V
Cooling	Capacity	W/h	980(100~1080)	1300(100~1600)	1800(100~1900)	2400(100~2600)
	Power Input	W	390(100~340)	88(100~100)	120(100~100)	180(100~100)
Heating	Current	A	2.0(0.8~4.5)	3.0(1.5~6.0)	6.0(3~10)	8.0(5~12)
	Capacity	W/h	950(100~1050)	1300(100~1600)	1800(100~1900)	2400(100~2600)
	Power Input	W	625(100~300)	100(100~100)	140(100~100)	200(100~100)
	Current	A	2.8(0.5~4.5)	6.0(1.5~6.0)	6.0(3~10)	8.0(5~12)
Modular Network	LAN	1.0	1.0	1.0	1.0	2.0
	Max input	W	1120	1500	1500	2200
Max input	A	5	5	18	18	14.5
	Power air flow (PMV/L)	PMV/L	5.0(1.0~7.0)	5.0(1.0~7.0)	7.0(1.0~9.0)	9.0(1.0~10.0)
Indoor Unit	Filter area (PMV/L)	PMV/L	41.0(10.0)	41.0(10.0)	41.0(10.0)	41.0(10.0)
	Net Size (W*H*E)	mm	734*704*285	733*703*285	923*713*300	1020*720*300
	Max Size (W*H*E)	mm	802*770*360	802*770*360	990*780*380	1100*790*380
	Net Weight	kg	8.1	8.1	9.5	11.0
Outdoor air flow	PMV/L	2100	2100	2100	2100	2100
	Outdoor noise	dB(A)	<50	<50	<50	<50
Outdoor Unit	Net Size (W*H*E)	mm	810*828*340	810*828*340	810*828*340	810*828*340
	Max Size (W*H*E)	mm	900*900*350	900*900*350	900*900*350	1000*900*350
	Net Weight	kg	20.0	20.0	21.0	21.0
	Operation temp.	°C	10°C~30°C	10°C~30°C	10°C~30°C	10°C~30°C
Ambient temp. (cooling/heating)	°C	10~42/1~30	10~42/1~30	10~42/1~30	10~42/1~30	10~42/1~30
	Application area	m²	12~10	16~20	16~20	12~20
Loading Qty 20' / 40' (H/W)	pcs	9/1/16/225	9/1/16/225	9/1/16/225	9/1/16/225	9/1/16/225



Central Air Conditioner



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Central Air Conditioners VRF System



PGKV

Central Air Conditioner

Product Features

- Free match with fan coil indoor unit
- Capable 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

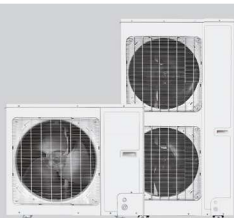
PGKV Product Parameters

Model			PGKV-224W	PGKV-260W	PGKV-335W	PGKV-400W	PGKV-450W
Capacity range		HP	8	10	12	14	16
Capacity	Cooling	kW	22.4	26.0	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		4.74	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*1090	930*775*1090	930*775*1090	1340*775*1090	1340*775*1090
	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	63.0	69.0	76.5
EER		W/W	4.10	4.06	3.80	3.32
COP		W/W	4.36	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*1090	1340*775*1090	1340*775*1090	1340*775*1090
	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

I Central Air Conditioner

Product Features

- Free match with fan coil indoor unit
- Capable 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

PGKV-Mini/Slim Product Parameters

Model		PGKV8	PGKV10	PGKV11	PGKV12	PGKV14	PGKV16	PGKV18
Capacity range	HP	3	3.5	4	4	5	5	6
Capacity	Cooling	kW	8.0	10.0	12.1	14.0	16.1	18.0
	Heating	kW	9.0	11.0	13.0	15.0	16.0	18.0
EER	W/W	3.90	3.75	3.51	3.59	3.90	3.60	3.37
COP	W/W	4.74	4.60	4.61	4.28	4.18	3.80	3.67
Power supply	V/Ph/Hz	220-240V/50/60Hz/230V/50Hz						
Max. circuit/phase current	A	25	25	32	32	40	40	48
Power consumption	Cooling	kW	2.90	2.70	3.40	3.03	3.59	4.75
	Heating	kW	1.90	2.50	2.70	3.27	3.95	4.65
Maximum drive IDU NO.	unit	4	5	6	7	8	8	9
Refrigerant charge volume	kg	1.8	1.8	2	2.3	3.3	3.3	3.3
Sound pressure level	dB(A)	55	55	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	φ15.9
Dimension(W*D*H)	Outline	mm	980*340*1345	980*340*1345	980*340*1345	980*340*1345	980*340*1345	980*340*1345
	Package	mm	980*430*1345	980*430*1345	980*430*1345	980*430*1345	980*430*1345	980*430*1345
Net Weight/Gross weight	kg	80/88	80/88	80/88	110/133	110/133	99/136	110/133
Loading Quantity	40°COP	unit	36	36	36	37	37	37
	40°COP	unit	36	36	36	37	37	37

Model		PGKV-12.1	PGKV-14	PGKV-16
Capacity range	HP	4	5	6
Capacity	Cooling	kW	12.1	14.0
	Heating	kW	14.0	16.0
EER	W/W	3.90	3.90	3.37
COP	W/W	4.28	4.18	3.67
Power supply	V/Ph/Hz	380V-410V/3N-50/60Hz		
Max. circuit/phase current	A	16	16	16
Power consumption	Cooling	kW	3.03	3.59
	Heating	kW	3.27	3.95
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
	Gas	mm	φ15.9	φ15.9
Dimension(W*D*H)	Outline	mm	980*340*1345	980*340*1345
	Package	mm	980*430*1345	980*430*1345
Net Weight/Gross weight	kg	120/133	120/133	120/133
Loading Quantity	40°COP	unit	57	57
	40°COP	unit	57	57



Cassette Air Conditioner Product Parameters



Model		PGC-22	PGC-28	PGC-36	PGC-45	PGC-50	PGC-56	PGC-63
Capacity	Cooling	2.2	2.8	3.6	4.5	5	5.6	6.3
	Heating	2.5	3.2	4	5	5.6	6.3	7.1
Power supply		220-240V-50Hz & 230V-60Hz						
Power consumption		W	26	26	26	28	35	40
Air volume(H/M/L)		m³/h	800/700/600	800/700/600	800/700/600	800/700/600	950/850/750	1150/950/850
Rated current	Cooling	A	0.2	0.2	0.2	0.2	0.2	0.4
	Heating	A	0.2	0.2	0.2	0.2	0.2	0.4
Sound pressure level(H/M/L)		dB(A)	33/30/28	33/30/28	33/30/28	34/30/28	35/32/29	37/34/31
Connecting pipe	Liquid	mm	φ6.35	φ6.35	φ6.35	φ6.35	φ6.35	φ6.35
	Gas	mm	φ9.52	φ9.52	φ12.7	φ12.7	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)	mm	840x840x240	840x840x240	840x840x240	840x840x240	840x840x240	840x840x240
	Package	mm	963x963x325	963x963x325	963x963x325	963x963x325	963x963x325	963x963x325
Panel	Net weight/Gross weight	kg	27/35	27/35	27/35	28/36	28/36	28/36
	Outline	mm	950x950x65	950x950x65	950x950x65	950x950x65	950x950x65	950x950x65
Panel	Package	mm	1038x1038x112	1038x1038x112	1038x1038x112	1038x1038x112	1038x1038x112	1038x1038x112
	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°CP	unit	120	120	120	120	120	120
	40°HQ	unit	140	140	140	140	140	140

Model		PGC-71	PGC-80	PGC-90	PGC-100	PGC-112	PGC-125	PGC-140
Capacity	Cooling	7.1	8	9	10	11.2	12.5	14
	Heating	8	9	10	11.2	12.5	14	16
Power supply		220-240V-50Hz & 230V-60Hz						
Power consumption		W	80	85	85	115	125	115
Air volume(H/M/L)		m³/h	1150/950/850	1250/1000/900	1250/1000/900	1850/1300/1100	1650/1300/1100	1850/1300/1100
Rated current	Cooling	A	0.4	0.4	0.4	0.6	0.6	0.6
	Heating	A	0.4	0.4	0.4	0.6	0.6	0.6
Sound pressure level(H/M/L)		dB(A)	37/34/31	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)	mm	840x840x240	840x840x240	840x840x240	840x840x290	840x840x290	840x840x290
	Package	mm	963x963x325	963x963x325	963x963x325	963x963x379	963x963x379	963x963x379
Panel	Net weight/Gross weight	kg	28/36	28/37	28/37	33/42	33/42	33/42
	Outline	mm	950x950x65	950x950x65	950x950x65	950x950x65	950x950x65	950x950x65
Panel	Package	mm	1038x1038x112	1038x1038x112	1038x1038x112	1038x1038x112	1038x1038x112	1038x1038x112
	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°CP	unit	120	120	120	120	120	120
	40°HQ	unit	140	140	140	140	140	140

Slim Duct Indoor Unit Product Parameters



Model			PQF-16	PQF-22	PQF-25	PQF-28	PQF-32	PQF-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	/	26	28	28	31	37
Air volume(H/M/L)		m ³ /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
Exp		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	31/27/22
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	730x462x200	730x462x200	730x462x200	730x462x200	730x462x200	730x462x200
	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	396	386	386	386	386	386
	40'HQ	unit	430	430	430	430	430	430

Model			PQF-40	PQF-45	PQF-50	PQF-56	PQF-63	PQF-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 & 230-230V/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	1300x462x200
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
Exp		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	φ6.35	φ6.35	φ6.35
	Gas	mm	φ12.7	φ12.7	φ12.7	φ12.7	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	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	25.0/31.0
Loading quantity	40'GP	unit	288	288	288	288	288	229
	40'HQ	unit	340	340	340	340	340	257

16.

Slim Duct Indoor Unit Product Parameters



Model		PQF-40	PQF-45	PQF-50	PQF-56	PQF-63	PQF-71	
Capacity	Cooling	kW	4	5	6	6.6	7.4	
	Heating	kW	5	6	7	7.7	8.8	
Power supply		V/Ph/Hz	220-240V/50Hz & 230-230V/60Hz					
Power consumption		W	130	130	130	130	130	
Air volume(H/M/L)		m³/h	1200/1200/700	1200/1200/700	1200/1200/700	1200/1200/700	1200/1200/700	
Rated current	Cooling	A	0.53	0.63	0.63	0.63	0.63	
	Heating	A	0.53	0.63	0.63	0.63	0.63	
Exp		Pa	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	37/34/31	37/34/31	37/34/31	37/34/31	
Connecting pipe	Liquid	mm	φ6.35	φ6.35	φ6.35	φ6.35	φ6.35	
	Gas	mm	φ12.7	φ12.7	φ12.7	φ12.7	φ12.7	
Drain pipe	External dia	mm	φ25	φ25	φ25	φ25	φ25	
	Thickness	mm	2.5	2.5	2.5	2.5	2.5	
Dimension(WxDxH)	Outline	mm	1200x462x200	1200x462x200	1200x462x200	1200x462x200	1200x462x200	
	Package	mm	1408x568x275	1408x568x275	1408x568x275	1408x568x275	1408x568x275	
Net weight/Gross weight		kg	39.0/49.0	39.0/49.0	39.0/49.0	39.0/49.0	39.0/49.0	
Loading quantity	40'GP	unit	134	134	134	134	134	
	40'HQ	unit	134	134	134	134	134	

Floor Standing Type Air Conditioner Product Parameters



Model Name		PMD550F-40ACH	PMD550F-48ACH
Function		Cooling/Heating	Cooling/Heating
Capacity	Cooling	BTU/h	4800
	Heating	BTU/h	4800
Power Supply		220V	220V
Power Input	Cooling	W	800
	Heating	W	800
Cooling Current		A	12.5
Heating Current		A	12.5
Refrigerant Charge		kg	4
Indoor Unit	Refrigerant Volume	m ³	2000
	Sound Pressure Level	dB(A)	44-42
Outdoor Unit	Outline Dimension	mm	582x380x380
	Package Dimension	mm	2020x1270x700
Net Weight/Gross Weight	kg	62/72	55/65
	Sound Pressure Level	dB(A)	60
Piping Connection	Gas	mm	φ19
	Liquid	mm	φ12.7
Outline Dimension	mm	1020x1000x1000	1020x1000x1000
	Package Dimension	mm	1180x1480x1480
Net Weight/Gross Weight		kg	1020/1115
Loading Quantity	20'GP	sets	16
	40'GP	sets	36
	40'HQ	sets	42

17.



Central Air Conditioners VRF System



PKKV

Central Air Conditioner

Product Features

- Free match with fan coil indoor unit
- Capable 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

			1HP	1.5HP	2HP	3HP	4HP	5HP	6HP	8HP	10HP
			kW	kW	kW	kW	kW	kW	kW	kW	kW
Cooling	Capacity	Btu/h	8600	12900	17100	25500	33900	42300	50700	69100	91000
	Rated current	A	9.04	13.30	18.51	27.76	36.99	46.19	55.38	75.83	100.10
Heating	Capacity	Btu/h	8600	12900	17100	25500	33900	42300	50700	69100	91000
	Rated current	A	9.04	13.30	18.51	27.76	36.99	46.19	55.38	75.83	100.10
DC Inverter compressor	Power input	kW	5.31	6.22	6.35	6.76	7.18	7.60	8.02	8.44	8.86
	EER	W/W	4.75	4.95	4.91	4.71	4.51	4.31	4.11	3.91	3.71
Refrigerant	Capacity	kW	27.4	31.5	37.5	45	50	56	63	70	78
	Rated current	A	93500	107500	128000	153500	173000	191000	214000	234000	254000
Type	Capacity	kW	8.93	11.25	14.34	18.00	20.25	22.61	25.70	28.79	31.88
	Rated current	A	4.96	5.86	7.35	9.34	10.87	11.89	13.16	14.43	15.70
COP	Power input	kW	5.5	5.38	5.1	4.82	4.6	4.4	4.21	4.05	3.89
	EER	W/W	5.01	5.01	5.01	5.01	5.01	5.01	5.01	5.01	5.01
Type	Type	Type	Scroll Compressor	Scroll Compressor	Scroll Compressor	Scroll Compressor	Scroll Compressor	Scroll Compressor	Scroll Compressor	Scroll Compressor	Scroll Compressor
	Type	Type	R410a	R410a	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	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	1410*1900*910	1410*1900*910
Weight	Net	kg	228	228	230	275	275	285	295	305	315
	Gross	kg	240	242	243	293	293	303	313	323	333
Outdoor sound level	dB(A)	dB(A)	58	58	60	60	61	62	63	64	65
Operation temperature range	Outdoor side	°C	-5~55	-5~55	-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	16~32	16~32
Operation temperature range	Outdoor side	°C	-30~30	-30~30	-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	16~32	16~32
Heating	Capacity	kW	56	61.5	67	73	78.5	85	90	96	102
	Rated current	A	26.10	29.06	29.09	32.58	36.13	40.38	44.73	49.08	53.43
DC Inverter compressor	Power input	kW	14.66	16.62	16.71	18.18	20.03	22.37	24.79	27.21	29.63
	EER	W/W	3.82	3.70	4.01	4.02	3.92	3.82	3.73	3.63	3.53
Refrigerant	Capacity	kW	65	89	79	81.5	87.5	95	105	115	125
	Rated current	A	214500	235400	255900	278100	298800	324100	341200	358300	375400
Type	Capacity	kW	25.70	28.40	28.65	30.28	33.38	36.52	43.96	48.33	52.70
	Rated current	A	14.16	16.83	14.72	16.78	18.50	21.25	24.33	27.41	30.49
COP	Power input	kW	4.45	4.11	5.10	4.86	4.73	4.45	4.11	3.77	3.43
	EER	W/W	5.01	5.01	5.01	5.01	5.01	5.01	5.01	5.01	5.01
Type	Type	Type	Scroll Compressor	Scroll Compressor	Scroll Compressor	Scroll Compressor	Scroll Compressor	Scroll Compressor	Scroll Compressor	Scroll Compressor	Scroll Compressor
	Type	Type	R410a	R410a	R410a	R410a	R410a	R410a	R410a	R410a	R410a
Dimension (W*H*D)	Net	mm	1340*1740*840	1340*1740*840	1590*1740*840	1590*1740*840	1590*1740*840	1590*1740*840	1590*1740*840	1590*1740*840	1590*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	2060*1900*910	2060*1900*910
Weight	Net	kg	290	297	318	433	433	488	498	548	558
	Gross	kg	309	315	336	451	451	506	516	566	576
Outdoor sound level	dB(A)	dB(A)	63	63	62	63	63	64	64	65	65
Operation temperature range	Outdoor side	°C	-5~55	-5~55	-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	16~32	16~32
Operation temperature range	Outdoor side	°C	-30~30	-30~30	-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	16~32	16~32



Central Air Conditioners VRF System



PKKV-Mini/Slim

Central Air Conditioner

Product Features

- Free match with fan coil indoor unit
- Capable 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-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		6.7		
		kW	8	10		12.5		14		18		
		Btu/h	27300	34100		42800		47800		54800		
	Power input	kW	2.80	3.00		3.20		3.75		4.75		
	Rated current	A	11.8	13.6		14.5		17.0		21.8		
Heating	EER	W/W	3.08	3.33		3.91		3.73		3.37		
	Capacity	kW	9	11		14		16		17		
		Btu/h	30700	37500		47800		54900		58000		
	Power input	kW	2.85	3.1		3.52		4		4.4		
	Rated current	A	12	14		16.1		18.2		20		
	COP	W/W	3.60	3.55		3.88		4.00		3.88		
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	930*702*303		1032*810*445		1100*870*528		1190*870*528		1100*870*528	
	Packing	mm	975*770*420		1075*875*495		1140*985*540		1140*985*540		1140*985*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	℃	-5~55		-5~55		-5~55		-5~55		-5~55	
	Indoor side	℃	16~32		16~32		16~32		16~32		16~32	
Heating	Outdoor side	℃	-15~30		-15~30		-15~30		-15~30		-15~30	
	Indoor side	℃	16~32		16~32		16~32		16~32		16~32	



Central Air Conditioners VRF System



PTKV

Central Air Conditioner

Product Features

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- 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



PTKV-Mini

Puremind Central Air Conditioners



PTKV-Slim

Puremind Central Air Conditioners



Refrigerant

R32/R410a

PTKV Product Parameters

Model		PTKV-25	PTKV-28	PTKV-33	PTKV-40	PTKV-45	PTKV-50	PTKV-56	PTKV-63	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	19.85	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-18	PTKV-12	PTKV-14	PTKV-16	PTKV-22	PTKV-25	PTKV-28
Cooling capacity(kW)		19	12	14	16	22.4	25.2	28
Heating capacity(kW)		12	14	16	17.8	24.5	27	30.8
Cooling consumed power(kW)		2.75	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	EPLWC	6.2	6.3	6.2	6.1	6.2	6.1	6
	APF	4.8	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)		940x340x110	940x340x1250	940x340x1250	940x340x1250	940x340x1250	940x340x1250	940x340x1250
Gross weight(Kg)		75	130	100	104	140	143	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



AHU × RTU



Air Handler Unit

32



Rooftop Package Unit

34

Air Handler Unit



Air Handler



Motor & Blower



Multi-position installation



Expansion Device

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. $\phi 10"$ big fan, powerful wind
6. Vertical/horizontal installation



Insulated Cabinet

Air Handler Unit

[illegible][illegible]



Rooftop Package Unit



Rooftop Package Unit

Product Features:

1. SEER 13
2. Capacity 314/5 Ton
3. Side air inlet/exhaust 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	6Tons
Power	voltage/phase/frequency	230V/1/60	230V/1/60	230V/1/60	230V/1/60
Capacity	Cooling(Btu/h)	33600	47300	47000	66900
Performance	SEER	13.0	13.0	13.0	13.0
Dimensions	L*W*H(mm)	1321*950*636	1480*1080*645	1480*1080*645	1480*1330*645
Net weight (Kg)		140	195	195	203
Gross weight (Kg)		144	199	199	204
Packing dimension(L*W*H)(mm)		1323*952*660	1491*1250*665	1491*1250*665	1491*1330*665
Refrigerant type		R410A	R410A	R410A	R410A
Compressor	Type	Fixed Speed Rotary	Fixed Speed Scroll	Fixed Speed Scroll	Fixed Speed Scroll
Noise level	dB(A)	81	86	86	86





RV Air Conditioner × Truck Air Conditioner



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RV Air Conditioner



R32 RV Air Conditioner

PGR09A1-BBH



R410a RV Air Conditioner

PGR08A1-ABH



R32 115V RV Air Conditioner

PGR15C1-BAH

Product Advantages

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

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	Cooling Capacity	W	2650	3600	4400
	Cooling Capacity	Btu/h	9041.8	12283.2	15000
	Heating Capacity	W	2500	3400	3520
Heating Capacity	Heating Capacity	Btu/h	8530	11666.8	12000
	Cooling Power Input	W	950	1100	1270
	Heating Power Input	W	780	950	1140
Rated Input	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	Dehumidifying Volume	L/h	1	1	1
	Application Area	m ²	10-17	10-17	10-17
	Set Temperature Range	°C	16-30	16-30	16-30
Indoor Unit	Sound Pressure Level	dB (A)	53/60/42	56/61/63	56/52/43
	Dimension (WxHxD)	mm	610x485x49	610x485x49	667x497x56
	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
Loading Quantity	Dimension (WxHxD)	mm	1077x720x283	1077x720x283	1077x720x309
	Dimension of Package (LxWxH)	mm	1149x786x435	1149x786x435	1149x786x375
	Net Weight	kg	29.5	29.5	45.5
Loading Quantity	Refrigerant	—	R32	R32	R32
	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
Capacity	Function		Cooling/Heating	Cooling/Heating
	Cooling	Btu/h	8530	11942
	Heating	Btu/h	7906	10918
BER/CO.P	BER/CO.P	W/W	2.33/2.34	2.75/2.71
	AER	W/W	/	/
	AER/ACOP	W/W	/	/
Power Supply	Power Supply	Phases	1Ph, 220-240V/50Hz	1Ph, 220-240V/50Hz
	Cooling	W	1070	1270
	Heating	W	960	1180
Rated Input	Cooling	A	6.6	8
	Heating	A	/	/
	Airflow Volume	m ³ /h	340/280/220/190	380/320/260/230
Sound Pressure Level	Indoor	dB(A)(SPL/M/L)	53/60/43/38	55x60x43/39
	Outline Dimension	mm	667x497x66	667x497x66
	Package Dimension	mm	738x590x183	738x590x183
Net Weight/Gross Weight	Indoor	kg	5.5/8	5.5/8
	Outdoor Unit			
	Sound Pressure Level	dB(A)	65/55	65/55
Loading Quantity	Outline Dimension	mm	1016x950/259	1016x950/259
	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

Truck Air Conditioner



R134a 24V Truck Air Conditioner

PGT07A1-CBC



R32 48V Truck Air Conditioner

PT12M1-BBH



R134a 24V Truck Air Conditioner

PBT10A1-CAA



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)	2.3
Refrigerant and injection volume(kg)	R134a/0.55
Waterproof level	IP65
Net weight(kg)	35
Size(mm)	850*160(Roof part)*850

R32 48V Truck Air Conditioner

PT12M1-BBH	
Power	48(38-56)V
Cooling Capacity	11900(5100-13900) Btu/h
Rating Cooling Power	583-1752W
Heating Capacity	11600(5100-13900) Btu/h
Rating Heating Power	510-1333W
Air Flow-High Speed	480m³/h
R32 Refrigerant	56kg
Running Current Compressor/fan	20.5A/1.25A
Demagnetizing Current Compressor/fan	85A/2.5A
Cable Standard	8AWG copper up to 8 meters
Circuit Protection	65A 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	/	/	2600W
Operating Current	10-60A	10-35A	10-46A
Refrigerant	R134a	R134a	R134a
Product Size	805x805x180mm	805x805x180mm	805x805x180mm
Net Weight	28KG	28KG	29KG





Marine Air Conditioner



Marine Air Conditioner



Split Air Conditioner



Marine Air Conditioner
PMD9NaC-T

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



Easy Installation



Cooling&Heating



Anti-Corrosion



Capacity: 9000Btu-24000Btu

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
	Heating	0.86	1.10	1.25
Amp Draw (A)	Cooling	4.0	4.3	5.6
	Heating	3.9	4.6	5.6
Air flow (m3/h)	High	470	580	750
	Middle	350	460	600
	Low	280	380	450
Dimension (mm)	Width	380	580	650
	Depth	413	360	370
	Height	330	330	330
Net weight(kg)	29	33	38	60





Portable Air Conditioner



Portable Mini Split Air Conditioner 42



Tent Air Conditioner 42



Portable Air Conditioner



Portable Mini Split Air Conditioner

PNS07A1-ABC



Easy Operation



Light Weight



Tent Air Conditioner

PBS01L1-CBC



Overvoltage
Protection

Portable Mini Split Air Conditioner

Model	PNS07A1-ABC	EVA Motor Air Volume	240m ³ /h
Voltage/Cycle	220-240V/50Hz/1PH	Net Weight	29kg
Power Consumption	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

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

