GREAT TECHNOLOGY

PetreL

9000 BTU/h
Cooling (max) : 11.000 BTU/h
Heating (maks) : 11.500 BTU/h

12000 BTU/h
Cooling (max) : 14.000 BTU/h
Heating (maks) : 14.400 BTU/h

18000 BTU/h
Cooling (max) : 20.900 BTU/h
Heating (maks) : 23.000 BTU/h

24000 BTU/h
Cooling (max) : 27.000 BTU/h
Heating (maks) : 27.000 BTU/h

RotaClimate

Antartic Coolness

Inspired by Antartic, Petrel air conditioners your speaces with its technology, quality and comfort.
Life is much more enjoyable with Petrel.

Rota Climate Petrel
Great Technology

The Climate is under your control

Thanks to Rota Climate‘s great technology, air conditioning of your space is under your control.

Superior Features

A++
A+++

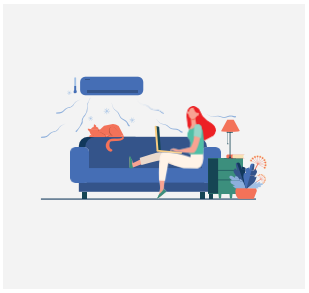
Inverter Technology is technology that achieves more efficiency and provides more comfort by changing work frequency of engine.

R32

R32 Refrigerant that saves 60%energy.

25dB

Ultra-quiet working



The wide wing angle spreads comfort to all of the room.

Sleep Mode

Comfort sleep mode is activated with the off button selected before sleep, so during the night overheating and overcooling is prevented.

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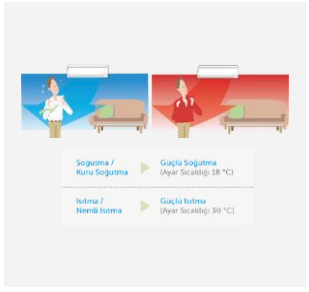
You can climate your home remotely with WiFi technology

-WiFi optional.

-15°C

Perfect working performance even at -15 degrees



Strong Mode

Provides stronger performance with a single button.
It quickly cools or heats the room.

www.rotaclimate.com

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ROTA Model Name			PETREL 9	PETREL 12	PETREL 18	PETREL 24
Power supply		V-Ph-Hz	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz
Rated Cooling	Capacity	Btu/h	9000(3500~11000)	12000(3700~14000)	18000(6200~20900)	24000(7100~27000)
Cooling Power input		W	732(100~1240)	1213(130~1580)	1550(140~2300)	2600(420~3150)
Cooling Current		A	3.18(0.4~5.4)	5.27(0.5~6.9)	6.7(0.6~10)	11.5(1.8~13.8)
Rated Heating	Capacity	Btu/h	10000(2800~11500)	13000(3700~14400)	19000(4700~23000)	25000(5500~27000)
Heating Power input		W	733(120~1200)	1088(100~1680)	1570(220~2350)	2400(300~2750)
Heating Current		A	3.18(0.5~5.2)	4.73(0.4~6.9)	6.8(0.95~10.2)	11(1.3~12.2)
Seasonal Cooling	Pdesignc	kW	2.8	3,5	5,2	7.0
	SEER	W/W	6,3	6.1	7,4	6.1
	Energy Efficiency Class		A++	A++	A++	A++
Heating(Average)	Pdesignh	kW	2.6	2,5	4.Nis	5,6
	SCOP	W/W	4.0	4.0	4	4.0
	Energy Efficiency Class		A+	A+	A+	A+
	Tbiv	℃	-7	-7	-7	-7
Tol		℃	-15	-15	-15	-15
Annual energy consuption (Cooling / Heating)		kWh/year	156 / 910	221 / 945	247 / 1435	405 / 1680
Design load in -10 °C (P design)		kW	2,6	2,7	4,1	4,8
Declared capasity in -10 °C		kW	2	2,02	3,35	3,84
Replacement (extra) heating capasity in -10 °C		kW	0,6	0,68	0,75	0,96
Heating (Aegean, Mediterranean Region)	SCOP	W/W	5,1	4,73	5,1	4,8
	Energy Efficiency Class		A+++	A+++	A+++	A+++
Indoor Unit						
Indoor sound power level (Hi)		dB(A)	54	55	56	59
Indoor sound pressure level (Hi/Mi/Lo)		dB(A)	38.5/32/25	40.5/34.5/25	42.5/36/26	45/40.5/36
Indoor air flow (Hi/Mi/Lo)		m3/h	466/360/325	540/430/314	840/680/540	980/817/662
Net/Gross weight		Kg	7.6/9.7	7.6/9.8	10/13	12.3/15.8
Dimension(W*D*H)		mm	805x194x285	805x194x285	957x213x302	1040x220x327
Packing (W*D*H)		mm	870x270x365	870x270x365	1035x295x385	1120x405x315
Outdoor Unit						
The outer environment operating temperature	Cooling	℃	-15 / 50	-15 / 50	-15 / 50	-15 / 50
	Heating	℃	-15 / 30	-15 / 30	-15 / 30	-15 / 30
Compressor type			Rotary	Rotary	Rotary	Rotary
Outdoor sound pressure level		dB(A)	55.5	56.0	56	59
Outdoor sound power level		dB(A)	61	62	63	65
Outdoor air flow		m3/h	1750	1800	2100	3500
Weight & Dimensions (Device)	Dimension(W*D*H)	mm	720x270x495	720x270x495	805x330x554	890x342x673
	Packing (W*D*H)	mm	835x300x540	835x300x540	915x370x615	995x398x740
	Net/Gross weight	Kg	23.2/25.0	23.2/25.0	32.7/35.4	42.9/45.9
Max. input consumption		W	2150	2150	2500	3500
Max. current		A	10	10	13	15.5
Outdoor unit	Dimension(W*D*H)	mm	720x270x495	720x270x495	805x330x554	890x342x673
	Packing (W*D*H)	mm	835x300x540	835x300x540	915x370x615	995x398x740
	Net/Gross weight	Kg	23.2/25.0	23.2/25.0	32.7/35.4	42.9/45.9
Refrigerant	Type		R32	R32	R32	R32
	GWP		675	675	675	675
	Charged quantity	Kg	0.55	0.55	1.08	1.42
Design pressure		MPa	4.3/1.7	4.3/1.7	4.3/1.7	4.3/1.7
Liquid side/ Gas side Copper Pipe HaU	Liquid side/ Gas side	mm(inch)	1/4-3/8	1/4-3/8	1/4-1/2	3/8-5/8
	Max. refrigerant pipe length	m	25	25	30	50
	Max. difference in level	m	10	10	20	25

*Leakage in refrigerants causes climate change. Material that has refrigerants with lower global warming potential (GWP) contribute less to global warming if they leak into the atmosphere than materials that have refrigerants
higher GWP. This device contains refrigerant liquid has GWP equal to [xxx]. In case of the coolant liquid in question leakage into the atmosphere, means that the impact on global warming will be [xxx] times greater than 1 kg CO 2 over a 100-year period. Never interfere with the refrigerant circuit or attempt to disassemble the product yourself, and always consult an expert.
*Energy consumption according to standard test results. Actual energy consumption will vary depending on how the device is used and where it is located.

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RotaClimate

CE EUROVENT CERTIFIED PERFORMANCE

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