GREAT TECHNOLOGY

POLAR BEAR

RotaClimate

DESIGNED FOR LARGE AREAS

24000BTU

INVERTER

A++

Air conditioning has never been this aesthetic.

24000 BTU of the newest member of the Polar Bear series is now under your control the climate with its capacity and unique modern design.

Superior Features

A++

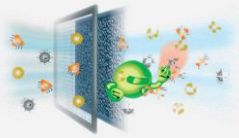
Inverter technology is technology that achieves more efficiency and provides more comfort by changing work frequency of engine.

Sleep Mode

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

R32

24000BTU
42000BTU
48000BTU



BioFilter

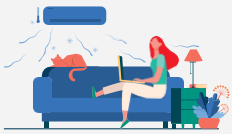
BioFilter prevents harmful bacteria and provides keep the clean of your air.

34dB

Quiet working. (24000BTU)

-15°C

Perfect working prformance even at -15 degrees.



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

Stronge Mode

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

INVERTER
42000BTU
Cooling 42000 BTU max
Heating 47000 BTU max

INVERTER
48000BTU
Cooling 50000 BTU max
Heating 64000 BTU max

INVERTER
24000BTU
Cooling 29100 BTU max
Heating 33400 BTU max

POLAR BEAR

FLOOR STANDING AIR CONDITIONER

www.rotaclimate.com

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ROTA Model Name - Indoor			POLAR 24 ID	POLAR 42 ID	POLAR 48 ID
ROTA Model Name - Outdoor			POLAR 24 OD	POLAR 42 OD	POLAR 48 OD
Power supply		V-Ph-Hz	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz
Rated Cooling	Capacity	Btu/h	24000(12000~24100)	41300(10000~42000)	48000(12000~52400)
Cooling Power input		W	2340(570~3600)	4400(680~4600)	4900(900~5700)
Cooling Current		A	10.4(2.5~16.0)	19.5(3.1~20.4)	22(5.2~25)
EER		W/W	3.01	2.75	2.87
Heating Capacity		Btu/h	26000(9600~33400)	45000(11500~47000)	55000(14000~60000)
Heating Power input		W	2000(1450~3150)	3900(750~4400)	5100(1000~5700)
Heating Current		A	8.9(6.7~14.0)	17.0(3.4~19.5)	22.5(5.2~25.0)
COP		W/W	3.81	3.38	3.16
Seasonal Cooling	Pdesignc	kW	7.0	12.1	14.1
	SEER	W/W	6.1	5.8	6.1
	Energy Efficiency Class		A++	A+	A++
	Seasonal Space Heating Efficiency (ηs,c)	%			241
Heating(Average)	Pdesignh	kW	6.1	8.4	11.0
	SCOP	W/W	4.0	4.2	4.0
	Energy Efficiency Class		A+	A+	A+
	Seasonal Space Heating Efficiency (ηs,c)	%			157
	Tbiv	℃	-7	-7	-7
Tol		℃	-15	-15	-15
Max. input consumption		W	4850	5000	6900
Max. current		A	20,0	22,5	29,0
Compressor	Type		Twin-ROTARY	ROTARY	ROTARY
Indoor air flow (Hi/Mi/Lo)		m3/h	990/760/640	1900/1750/1550	2413/2222/2027
Indoor sound pressure level (Hi/Mi/Lo/Si)		dB(A)	39,5/37,5/34,5	52/49/46/40	53/50/48/39,5
Indoor sound power level (Hi)		dB(A)	59	65	67
Indoor unit	Dimension(W*D*H)	mm	405x405x1775	585x405x1830	1935x629x456
	Packing (W*D*H)	mm	2000x510x490	2060x750x550	2055x750x575
	Net/Gross weight	Kg	29,9/38,4	49,75/61,89	59,0/77,0
Outdoor air flow		m3/h	3500	5100	7500
Outdoor sound pressure level		dB(A)	58,5	64,0	63,0
Outdoor sound power level		dB(A)	68	73	73
Outdoor unit	Dimension(W*D*H)	mm	890x342x673	946x410x810	952x415x1333
	Packing (W*D*H)	mm	995x398x740	1090x500x885	1095x495x1480
	Net/Gross weight	Kg	44,7/47,9	66,87/71,51	91,5/105,4
Refrigerant	Type		R32	R32	R32
	GWP		675	675	675
	Charged quantity	Kg	1,95	2,3	2,9
Refrigerant piping	Liquid side/ Gas side	mm(inch)	6.35mm(1/4in)/12.7mm(1/2in)	9,52mm(3/8in)/15,9mm(5/8in)	9,52mm(3/8in)/15,9mm(5/8in)
	Max. refrigerant pipe length	m	50	55	65
	Max. difference in level	m	25	20	30
Connection wiring			1.5x4//	1.0x4//	1.5x4//
Thermostat type			Remote Control	Remote Control	Remote Control
Operation temperature	Indoor(cooling/ heating)	℃	17～32/0～30	17～32/0～30	17～32/0～30
	Outdoor(cooling/heating)	℃	-15～50/-15～24	-15～50/-15～24	-15～50/-15～24

*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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