





Jato

Wall/ceiling air conditioner

The versatile wall/ceiling Jato air conditioner can be mounted vertically on the wall or horizontally on the ceiling according to your needs.

Available in various capacities (from 5,3 kW to 15,8 kW) and boasting about of an A++ cooling class, the Jato unit offers efficient long-range air supply, making it suitable for large areas cooling such as conference halls, banquet halls, waiting rooms, and customer service areas.

Gold fins with self-cleaning properties effectively protect the air conditioner against corrosion. Jato units are known for their extensive control options





JATO



Long airflow
range



ON/OFF remote
output



Automatic 4D
louvres



Vertical / horizontal
mounting options

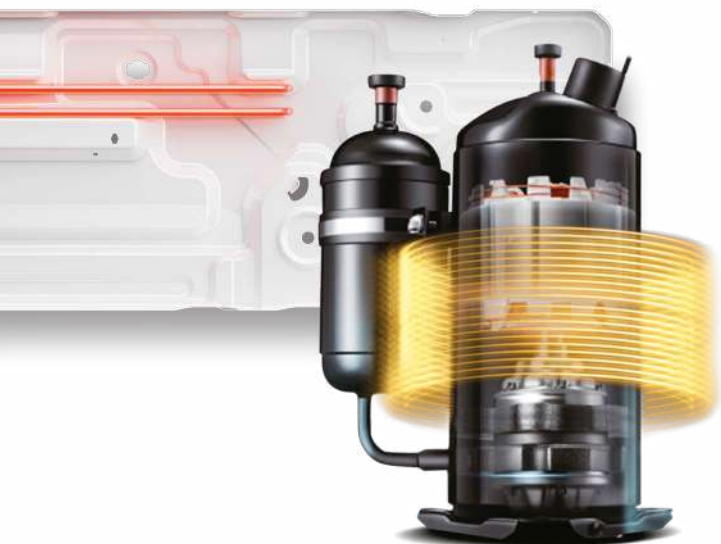


Heating at
down to -20°C



Winter
package





Winter package

New, highly efficient compressor combined with a drip tray heater and a compressor crankcase heater as standard components, commonly referred to as the winter package, ensure consistent and reliable heating performance of the Rotenso air conditioners.

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Heating at temperature as low as -20°C

These features ensure efficient operation and extend the lifespan of the unit, even in extreme weather conditions. The air conditioner provides heating efficiency even at low outdoor temperatures.



Automatic 4D louvres

Inclusion of automatic 4D louvres with built-in actuators enables convenient control of both vertical and horizontal louvres via remote control or wall-mounted controller. This ensures maximum comfort during operation and facilitates efficient air distribution throughout the room.



Vertical / horizontal **mounting options**

Jato is a versatile unit that offers both vertical and horizontal mounting options. It is designed for use in spacious commercial areas such as customer service rooms, meeting rooms, and banquet halls.

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Long airflow range

The advanced and efficient fan design of Jato air conditioners ensures far-reaching airflow. These units effectively cool large premises such as conference halls and banquet halls.



ON/OFF remote output

The Jato air conditioner provides the convenience to switch the unit by remote the unit on or off. This can be achieved through various means, such as using a switch connected to the built-in output on the indoor unit's motherboard.

Jato

5,3 - 15,8 kW



- SCOP 4,1
- 20°C
- 5 year WARRANTY
- PZH CERTIFICATE



Unit features

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Digital DC Inverter SKY[®]



Automatic purification iClean⁽¹⁾



Electrostatic HD iAIR filter



Wide-angle eMOTO air supply



Air supply eMOTO control system



Eco eMOTO mode⁽¹⁾



SMART wi-fi⁽²⁾



Wired controller SMART port



SMART panel display ON/OFF



Wireless remote control



Wired controller⁽²⁾



SMART Follow mode



SMART heating to 8°C⁽¹⁾



Louvre setting memory



Auto restart memory



Anti-corrosive gold fins



Drip tray heater



Compressor crankcase heater



Timer



Cooling at low outdoor temp. down to -15°C



Heating at low outdoor temp. down to -20°C



Double-sided condensate drainage



Self-diagnostics



Automatic 4D louvres



Sleep mode



ON/OFF remote output



Alarm output



Weekly controller output



Central controller output



Synchro - simultaneous operation⁽²⁾



BMS Modbus⁽²⁾



BMS Bacnet⁽²⁾

1. Feature not available in Multi Split system. 2. Feature is only optional.

Technical specification

Model			Jato 5,3 kW	Jato 7,0 kW	Jato 10,6 kW	Jato 14,1 kW	Jato 15,8 kW	
Capacity	Cooling	Nom. (Min. - Max.)	W	5275 (2711-5861)	7034 (3221-7766)	10551 (2726-11781)	14067 (3517-15240)	15826 (4103-16705)
Rated input		Nom. (Min. - Max.)	W	1450 (670-2027)	2300 (747-2930)	4000 (890-4300)	5000 (900-5950)	5650 (1100-6650)
Operating current		Nom. (Min. - Max.)	A	6,3 (2,9-8,8)	10,0 (3,2-12,7)	6,8 (1,5-7,3)	8,4 (1,5-10,0)	9,5 (1,9-11,2)
Capacity	Heating	Nom. (Min. - Max.)	W	5568 (2418-6301)	7620 (2720-8290)	11723 (2784-12778)	16119 (4103-16998)	18170 (4396-19636)
Rated input		Nom. (Min. - Max.)	W	1500 (540-1640)	2050 (650-2850)	3350 (780-3950)	5100 (1000-6050)	6050 (1050-7100)
Operating current		Nom. (Min. - Max.)	A	6,5 (2,3-7,1)	8,9 (2,8-12,4)	5,7 (1,3-6,7)	8,6 (1,7-10,2)	10,2 (1,8-12,0)
Reversible heat pump type				air-to-air	air-to-air	air-to-air	air-to-air	air-to-air
Design load in cooling mode			kW	5,4	7,2	10,5	14,0	15,5
SEER			W/W	6,2	6,1	6,2	6,1	6,1
Energy efficiency class, cooling				A++	A++	A++	A++	A++
Annual electric energy consumption, cooling			kWh/a	305	413	592	820	890
Design load in heating mode (T _{biv} -7°C)			kW	4,0	5,5	8,6	11,2	11,9
SCOP			W/W	4,0	4,0	4,0	3,9	4,0
Energy efficiency class, heating				A+	A+	A+	A	A+
Annual electric energy consumption, heating			kWh/a	1400	1925	3010	4100	4150
Dehumidification			l/h	1,8	2,4	3,6	4,8	5,5
Maximum energy consumption			W	2950	3700	5000	6900	7500
Maximum operating current			A	12,8	16,1	13,2	11,6	12,7
Indoor unit			J50Xi	J70Xi	J100Xi	J140Xi	J160Xi	
EAN product code			5905567601828	5905567601835	5905567601842	5905567601859	5905567601866	
Fan speed	T / H / M / L	rpm	950 / 850 / 800 / 750	1202 / 1051 / 976 / 900	1160 / 1040 / 980 / 920	1300 / 1200 / 1150 / 1100	1350 / 1050 / 950 / 850	
Air flow	T / H / M / L	m ³ /h	958 / 839 / 781 / 723	1192 / 1023 / 938 / 853	1955 / 1728 / 1616 / 1504	2100 / 1850 / 1725 / 1600	2200 / 1950 / 1800 / 1650	
Sound pressure level	T / H / M / L	dB(A)	44 / 41 / 37 / 24	51 / 47 / 43 / 32	51 / 47,5 / 45 / 37	53 / 50 / 46 / 36	55 / 52 / 48 / 38	
Sound power level		dB(A)	59	55	65	67	67	
Rated input		W	96	100	96	96	200	
Operating current		A	0,42	0,43	0,42	0,42	0,87	
Net dimensions		W × D × H	mm	1068 × 675 × 235	1068 × 675 × 235	1650 × 675 × 235	1650 × 675 × 235	
Gross dimensions		W × D × H	mm	1145 × 755 × 318	1145 × 755 × 318	1725 × 755 × 318	1725 × 755 × 318	
Net weight / Gross weight		kg	28 / 33,3	28 / 33,3	41,5 / 48	41,7 / 48,5	42,3 / 49,2	
Condensate drain		mm	25	25	25	25	25	
Outdoor unit			UO50Xo	UO70Xo	UO100Xo	UO140Xo	UO160Xo	
EAN product code			5905567601552	5905567601569	5905567601583	5905567601606	5905567601613	
Fan speed	H / M / L	rpm	760 / 705 / 650	800 / 700 / 580	950 / 850 / 700	830 / 740 / 650	830 / 740 / 650	
Maximum air flow		m ³ /h	2100	3500	4000	7500	7500	
Sound pressure level		dB(A)	56	59	62	65	65	
Sound power level		dB(A)	65	67	70	74	73	
Net dimensions		W × D × H	mm	805 × 330 × 554	890 × 342 × 673	946 × 410 × 810	952 × 415 × 1333	
Gross dimensions		W × D × H	mm	915 × 370 × 615	995 × 398 × 740	1090 × 500 × 885	1095 × 495 × 1480	
Bracket spacing		W × D	(mm)	511 × 317	663 × 348	673 × 403	634 × 404	
Net weight / Gross weight		kg	32,5 / 35,2	43,9 / 46,9	75,5 / 80	103,7 / 118,3	107,0 / 121,2	
Refrigerant		Type		R32	R32	R32	R32	R32
		GWP		675	675	675	675	675
		≤ 5m	kg	1,15	1,5	2,4	2,9	3,0
			TCO ₂ eq	0,78	1,01	1,62	1,96	2,03
Charged (> 5m)		g/mb	12	24	24	24	24	
Pipe connections		Liquid/Gas	mm (inches)	Φ6,35 / Φ12,7 (1/4" / 1/2")	Φ9,52 / Φ15,9 (3/8" / 5/8")	Φ9,52 / Φ15,9 (3/8" / 5/8")	Φ9,52 / Φ15,9 (3/8" / 5/8")	Φ9,52 / Φ15,9 (3/8" / 5/8")
Maximum installation length		m	30	50	75	75	75	
Maximum height difference		m	20	25	30	30	30	
Compressor type			Rotary DC	Rotary DC	Rotary DC	Rotary DC	Rotary DC	
External unit power supply		V-Hz, Ø	220-240-50, 1f	220-240-50, 1f	380-420-50, 3f	380-420-50, 3f	380-420-50, 3f	
Electrical protection		A	C16	C16	C10/3	C16/3	C16/3	
Power cables: outdoor unit		pcs × mm ²	3 × 2,5	3 × 2,5	5 × 2,5	5 × 2,5	5 × 2,5	
Control and power cables: indoor unit - outdoor unit		pcs × mm ²	4 × 1	4 × 1	4 × 1	4 × 1	4 × 1	
Indoor operating range (Cooling / Heating)		°C	16-32 / 0-30	16-32 / 0-30	16-32 / 0-30	16-32 / 0-30	16-32 / 0-30	
Outdoor operating range (Cooling / Heating)		°C	-15-50 / -20-24	-15-50 / -20-24	-15-50 / -20-24	-15-50 / -20-24	-15-50 / -20-24	
Compatible systems								
1:1 SINGLE			●	●	●	●	●	
1:2 DUAL			●	●				
1:X MULTI			●	●				

T - Turbo; H - High; M - Middle; L - Low

For J70Xi (pipe connections: Ø9.52 (3/8") i Ø15.9 (5/8")) in MULTI system outdoor unit reduction necessary to Ø6.35 (1/4") i Ø12.7 (1/2")