

# Wall/ceiling air conditioner

Jato J100X <sup>[R14]</sup>



- SCOP 4,0**
- 20°C**
- 5year WARRANTY**
- PZH CERTIFICATE**

- DEDICATED TO HEATING**
- 1:1 SINGLE**

## Unit features

<b>SKY inverter</b> Digital DC Inverter SKY <sup>®</sup>	<b>Automatic purification iClean<sup>(1)</sup></b>	<b>Electrostatic HD iAIR filter</b>	<b>Wide-angle eMOTO air supply</b>	<b>Air supply eMOTO control system</b>	<b>Eco eMOTO mode<sup>(1)</sup></b>	<b>SMART Wi-Fi<sup>(2)</sup></b>	<b>Wired controller SMART port</b>
<b>SMART panel display ON/OFF</b>	<b>Wireless remote control</b>	<b>Wired controller<sup>(2)</sup></b>	<b>SMART Follow mode</b>	<b>SMART heating to 8°C<sup>(1)</sup></b>	<b>Louvre setting memory</b>	<b>Auto restart memory</b>	<b>Anti-corrosive gold fins</b>
<b>Drip tray heater</b>	<b>Compressor crankcase heater</b>	<b>Timer</b>	<b>Cooling at low outdoor temp. down to -15°C</b>	<b>Heating at low outdoor temp. down to -20°C</b>	<b>Double-sided condensate drainage</b>	<b>Self-diagnostics</b>	<b>Automatic 4D louvres</b>
<b>Sleep mode</b>	<b>ON/OFF remote output</b>	<b>Alarm output</b>	<b>Weekly controller output</b>	<b>Central controller output</b>	<b>BMS Modbus<sup>(2)</sup></b>	<b>BMS Bacnet<sup>(2)</sup></b>	

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

# Technical specification

Model				Jato 10,6 kW	
Capacity	Cooling	Nom. (Min. - Max.)	W	10551 (2726-11781)	
Rated input		Nom. (Min. - Max.)	W	4000 (890-4300)	
Operating current		Nom. (Min. - Max.)	A	6,8 (1,5-7,3)	
Capacity	Heating	Nom. (Min. - Max.)	W	11723 (2784-12778)	
Rated input		Nom. (Min. - Max.)	W	3350 (780-3950)	
Operating current		Nom. (Min. - Max.)	A	5,7 (1,3-6,7)	
Reversible heat pump type				air-to-air	
Design load in cooling mode			kW	10,5	
SEER			W/W	6,2	
Energy efficiency class, cooling				A++	
Annual electric energy consumption, cooling			kWh/a	592	
Design load in heating mode (Tbiv -7°C)			kW	8,6	
SCOP			W/W	4,0	
Energy efficiency class, heating				A+	
Annual electric energy consumption, heating			kWh/a	3010	
Dehumidification			l/h	3,6	
Maximum energy consumption			W	5000	
Maximum operating current			A	8,4	
Indoor unit				J100Xi R14	
EAN product code				5905567601842	
Fan speed	T / H / M / L	rpm	1160 / 1040 / 980 / 920		
Air flow	T / H / M / L	m³/h	1955 / 1728 / 1616 / 1504		
Sound pressure level	T / H / M / L	dB(A)	51 / 47,5 / 45 / 37		
Sound power level		dB(A)	65		
Rated input		W	96		
Operating current		A	0,4		
Net dimensions	W × D × H	mm	1650 × 675 × 235		
Gross dimensions	W × D × H	mm	1725 × 755 × 318		
Net weight / Gross weight		kg	41,5 / 48		
Condensate drain		mm	25		
Outdoor unit				UO100Xo R14	
EAN product code				5905567601583	
Fan speed	H / M / L	rpm	950 / 850 / 700		
Maximum air flow		m³/h	4000		
Sound pressure level		dB(A)	62		
Sound power level		dB(A)	70		
Net dimensions	W × D × H	mm	946 × 410 × 810		
Gross dimensions	W × D × H	mm	1090 × 500 × 885		
Bracket spacing	W × D	(mm)	673 × 403		
Net weight / Gross weight		kg	80,5 / 85		
Refrigerant	Type		R32		
	GWP		675		
	≤ 5m	kg	2,4		
		TCO <sub>2</sub> eq	1,62		
Charged (> 5m)	g/mb	24			
Pipe connections	Liquid/Gas	mm (inches)	Φ9,52 / Φ15,9 (3/8" / 5/8")		
Maximum installation length		m	75		
Maximum height difference		m	30		
Compressor type				Rotary DC	
External unit power supply			V-Hz, Ø	380-420-50, 3f	
Electrical protection			A	C10/3	
Power cables: outdoor unit			pcs × mm²	5 × 2,5	
Control and power cables: indoor unit - outdoor unit			pcs × mm²	4 × 1	
Indoor operating range (Cooling / Heating)			°C	16~32 / 0~30	
Outdoor operating range (Cooling / Heating)			°C	-15~50 / -20~24	
Compatible systems					
1:1 SINGLE				●	
1:2 DUAL					
1:X MULTI S-Line					
1:X MULTI N-Line					
1:X MULTI HP-Line					