

CEILING-FLOOR AIR CONDITIONERS

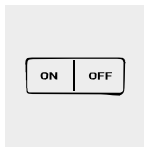
JATO



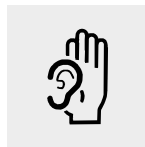
MAZE



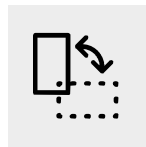
Long distance airflow



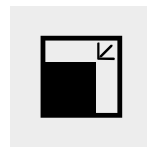
ON/OFF remote output



Low noise level



Assembly vertical and horizontal



Compact dimensions



SMART WiFi function ⁽¹⁾



UNIT FEATURES



R32 ecological refrigerant



SKY® DC motors



Digital DC Inverter SKY®



Automatic cleaning iAIR



Electrostatic HD iAIR filter



Wide angle air flow eMOTO



Turbo eMOTO mode



Airflow control system eMOTO



SMART WiFi function ⁽²⁾



Wired controller SMART port



SMART LED temperature display



ON/OFF SMART display on the panel



Remote controller



Wired controller ⁽¹⁾



SMART Follow mode



Louver settings memory



Temperature indemnification



Refrigerant leak alarm



Emergency start function



Auto restart memory



Anti-corrosive gold-plated fins



Timer



Drip tray heater ⁽⁴⁾



Compressor crankcase heater ⁽⁴⁾



Cooling up to -15°C



Heating up to -15°C



Double-sided condensate drainage



Self-diagnosis function



Automatic louver



Sleep function



Alarm output signal



Output to the weekly controller



Output to the central controller



Synchro - simultaneous operation ⁽²⁾

1. Wired controller available as an option
2. Available on selected models of the indoor unit

3. Optional WiFi modem required
4. Available when connecting the indoor unit with the outdoor unit UNICO NORDIC

TECHNICAL DATA

Model			Jato 5.3 kW	Jato 7.0 kW	Jato 8.8 kW	Jato 10.5 kW	Jato 11.7 kW	Jato 14.0 kW	Jato 15.8 kW	
Capacity	Cooling	Nominal	W	5275	7034	8792	10551	11723	14067	15826
		Min-Max	W	1250-6134	2188-8282	3927-11137	2638-12016	3927-13188	4957-15110	5275-16998
Power consumption	Cooling	Nominal	W	1633	2190	2654	3750	3734	5500	6063
		Min-Max	W	670-1850	480-2930	890-4000	660-4500	1158-4720	1158-5703	1227-6296
Operating current	Cooling	Nominal	A	7.2	9.5	11.8	6.6	15.6	9.1	10.5
		Min-Max	A	3.2-8.2	2.1-12.7	3.9-17.4	4.0-8.1	4.9-18.6	1.77-9.29	1.9-10.3
Capacity	Heating	Nominal	W	5563	7620	9818	11137	12895	16119	18170
		Min-Max	W	1749-7022	2720-8650	2945-12016	2931-13188	3807-14965	3807-18065	4396-19636
Power consumption	Heating	Nominal	W	1500	2050	2373	2960	3824	5050	6036
		Min-Max	W	540-1640	500-2850	720-4050	650-4550	1026-4200	1026-6200	1022-6546
Operating current	Heating	Nominal	A	6.6	9.5	11.8	5.2	15.4	8.14	9.94
		Min-Max	A	2.7-7.3	2.2-12.7	3.9-17.4	3.3-8.2	4.49-18.2	1.6-10.27	1.6-10.8
Design load in cooling mode		kW	5.3	7.0	8.8	10.5	11.0	14.2	15.9	
SEER		W/W	6.1	6.1	7.0	6.1	7.0	6.1	6.1	
Energy efficiency class - cooling			A++	A++	A++	A++	A++	A++	A++	
Annual electricity consumption in cooling - average season		kWh/a	304	402	440	602	550	815	912	
Design load in heating mode (T _{int} = 7°C)		kW	4.1	5.4	7.3	8.7	9.3	11.1	11.9	
SCOP		W/W	4.0	4.0	3.8	4.0	3.8	4.0	4.0	
Energy efficiency class - heating			A+	A+	A	A+	A	A+	A+	
Annual electricity consumption in heating - average season		kWh/a	1435	1890	2689	3045	3426	3885	4165	
Dehumidification		l/h	1.8	2.4	3.0	3.6	4.2	4.8	5.5	
Maximum energy consumption		W	2950	2950	3600	5600	5800	6200	7500	
Maximum operating current		A	13.5	13.5	17.0	10.0	23.0	11.2	14.0	
Indoor unit			J50Wi	J70Wi	J90Wi	J100Wi	J120Wi	J140Wi	J160Wi	
Fan speed	(Hi./Mi./Lo.)	rpm	1300/1200/1100	1200/1080/890	1200/1050/850	1200/1050/850	1300/1200/1100	1300/1200/1100	1350/1050/850	
Air flow	(Hi./Mi./Lo.)	m³/h	880/760/650	1208/1066/853	2160/1844/1431	2160/1844/1431	2329/1930/1417	2329/1930/1417	2454/1834/1426	
Sound pressure level at standard rating conditions	(Hi./Mi./Lo.)	dB(A)	41.5/38.5/34.5	50/46/41	51/47/42	51/47/42	54/50/46	54/50/46	54/47/42	
Sound power level at standard rating conditions		dB(A)	58	61	62	61	67	66	68	
Net Dimensions	(W×D×H)	mm	1068×675×235	1068×675×235	1650×675×235	1650×675×235	1650×675×235	1650×675×235	1650×675×235	
Gross dimensions	(W×D×H)	mm	1145×755×318	1145×755×313	1725×755×313	1725×755×313	1725×755×313	1725×755×313	1725×755×313	
Net weight / Gross weight		kg	28/33.3	26.8/31.9	39/45	39/45	41.2/47.6	41.2/47.6	41.4/47.8	
Condensate drain		mm	25	25	25	25	25	25	25	
Outdoor unit			J50Wo	J70Wo	J90Wo	J100Wo	J120Wo	J140Wo	J160Wo	
Fan speed	High	rpm	800	850	1050	1050	1050	850	850	
Maximum air flow		m³/h	2000	2700	3600	4000	4300	7500	7500	
Sound pressure level at standard rating conditions		dB(A)	55.5	62	60.5	64	67	66	66	
Sound power level at standard rating conditions		dB(A)	63.0	65	69	68	74	72	74	
Net Dimensions	(W×D×H)	mm	800×333×554	845×363×702	946×410×810	946×410×810	946×410×810	952×415×1333	952×415×1333	
Gross dimensions	(W×D×H)	mm	920×390×620	965×395×765	1090×500×885	1090×500×875	1090×500×885	1095×495×1480	1095×495×1480	
Net weight / Gross weight		kg	34.7/37.5	49.4/52.8	56.9/61.8	81.5/87.0	73.9/78.9	106.7/119.9	111.3/124.3	
Refrigerant	Type		R32	R32	R32	R32	R32	R32	R32	
	GWP		675	675	675	675	675	675	675	
	Amount (up to 5 m)	kg	1.15	1.5	2.0	2.4	2.8	2.80	2.95	
	TCO ₂ eq		0.78	1.01	1.35	1.62	1.89	1.89	1.99	
Pipe connections	Liquid / Gas	mm(inch.)	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")	Φ9.52/Φ15.9 (3/8"/5/8")	Φ9.52/Φ15.9 (3/8"/5/8")	
Additional refrigerant above 5 m		g/m	12	24	24	24	24	24	24	
Maximum installation length		m	30	50	50	65	65	65	65	
Maximum level difference		m	20	25	25	30	30	30	30	
Compressor type			Rotary DC	Rotary DC	Rotary DC	Rotary DC	Rotary DC	Rotary DC	Rotary DC	
Power supply indoor unit	V-Hz, Ø		220-240-50, 1f	220-240-50, 1f	220-240-50, 1f	220-240-50, 1f	220-240-50, 1f	220-240-50, 1f	220-240-50, 1f	
Power supply outdoor unit	V-Hz, Ø		220-240-50, 1f	220-240-50, 1f	220-240-50, 1f	380-420-50, 3f	220-240-50, 1f	380-420-50, 3f	380-420-50, 3f	
Overcurrent protection		A	C16	C16	C20	C10/3	C25	C16/3	C16/3	
Power cords: indoor unit		qt. × mm²	3 × 1	3 × 1	3 × 1	3 × 1	3 × 1	3 × 1	3 × 1	
Power cords: outdoor unit		qt. × mm²	3 × 2.5	3 × 2.5	3 × 2.5	5 × 2.5	3 × 2.5	5 × 2.5	5 × 2.5	
Control cables: indoor - outdoor		qt. × mm²	1 × 1	2 × 1	2 × 1	2 × 1	2 × 1	2 × 1	2 × 1	
Mounting points distance	(W×D)	(mm)	514×340	540×350	673×403	673×403	673×403	634×404	634×404	
Inside working range	(Cooling/Heating)	°C	17-32 / 0-30	17-32 / 0-30	17-32 / 0-30	17-32 / 0-30	17-32 / 0-30	17-32 / 0-30	17-32 / 0-30	
Outside working range	(Cooling/Heating)	°C	-15-50 / -15-24	-15-50 / -15-24	-15-50 / -15-24	-15-50 / -15-24	-15-50 / -15-24	-15-50 / -15-24	-15-50 / -15-24	

OPTIONAL ACCESSORIES



Wired controller
SAVA

Central wired
controller

Central wired controller
with weekly
programming

Filters

Modem
SMART WIFI

Alternate operation
controller