

Specifications

Outdoor units R32

- Compressor with Digital Inverter Boost technology.
- Direct drive fan powered by a BLDC motor.
- Triple Protector Plus to protect compressor, fan and controller from power surges.



Outdoor Unit			AJ040TXJ2KG/EU	AJ050TXJ2KG/EU	AJ052TXJ3KG/EU
Maximum number of connectable indoor units			2	2	3
Capacity					
Capacity	Cooling (Nominal)	kW	4.0	5.0	5.2
	Heating @ +7 °C	kW	4.2	5.6	6.3
	Heating @ -5 °C	kW	3.16	4.22	4.22
	Heating @ -10 °C	kW	2.70	3.60	3.60
	Heating @ -15 °C	kW	2.23	2.98	2.98
Performance					
Energy Efficiency Cooling	SEER ¹	W/W	8.54/ A+++	8.54/ A+++	8.51/ A+++
	Power Consumption	kWh/a	164	205	206
	Pdesignc	kW	4.0	5.0	5.0
	EER	W/W	4.44	4.10	4.16
Energy Efficiency Heating	SCOP ¹	W/W	4.60/ A++	4.64/ A++	3.60/ A
	Power Consumption	kWh/a	922	1,270	1,400
	Pdesignh (average)	kW	3.1	4.2	4.6
	COP ¹	W/W	4.64	4.38	4.77
Airflow Rate		m ³ /min	29.7	33.1	38.0
Sound Power		dB(A)	60	61	61
Sound Pressure	Cooling	dB(A)	45	46	46
	Heating	dB(A)	46	47	48
Fan	Type		Propeller Fan	Propeller Fan	Propeller Fan
	Discharge direction		Front (horizontal)	Front (horizontal)	Front (horizontal)
	Power	W	40	40	125
	Number of Fans	-	1	1	1
Operating Temperature Range	Cooling	°C	-5.0-46.0	-5.0-46.0	-10.0-46.0
	Heating	°C	-15-24	-15-24	-15-24
Electrical Data					
Power Source		Φ, V, Hz	1Φ, 220-240 V, 50 Hz	1Φ, 220-240 V, 50 Hz	1Φ, 220-240 V, 50 Hz
Compressor Type			Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary
Power Consumption	Cooling	kW	0.90	1.22	1.25
	Heating	kW	0.90	1.28	1.32
Operating Current	Cooling	A	4.1	5.6	5.5
	Heating	A	4.1	5.9	6.1
Dimensions					
Net Dimensions (W x H x D)		mm	790 x 548 x 285	790 x 548 x 285	880 x 638 x 310
Net Weight		kg	32.0	33.0	44.5
Refrigerant					
Refrigerant	Type		R32 (contains fluorinated greenhouse gases. GWP = 675)		
	Factory Charging	kg	0.98	1.18	1.55
	Chargeless Piping Length	m	30.0	30.0	30.0
	Charging Ton equivalent CO ₂	tCO ₂ e	0.66	0.80	1.05
	Additional Refrigerant Charging	g/m			
Piping Connections	Liquid Pipe	ø, inch	1/4 x 2	1/4 x 2	1/4 x 3
	Gas Pipe	ø, inch	3/8 x 2	3/8 x 2	3/8 x 2 + 1/2
Piping Length	Total Piping Length	m	30	30	50
	Min/Max	m	3/25	3/25	3/25
Piping Height	Max Height (ID-ID)	m	7.5	7.5	7.5
	Max Height (OD-ID)	m	15	15	15

¹ Energy labels as shown are according to EU No 626/2011 (LOT 10) label classification 2019, on a scale from D to A+++. However the SEER, SCOP and energy rating depends on the combination of Indoor Unit which is used with the outdoor unit. It may vary with the different indoor unit.



	AJ068TXJ3KG/EU	AJ080TXJ4KG/EU	AJ100TXJ5KG/EU
	3	4	5
	6.8	8.0	10.0
	8.0	9.3	12.0
	6.02	7.00	9.03
	5.14	5.97	7.70
	4.25	4.94	6.38
	7.75/ A++	7.75/ A++	8.00/ A++
	293	330	387
	6.5	7.3	8.8
	3.78	4.06	3.64
	4.32/ A+	4.10/ A+	4.32/ A+
	1,833	2,009	2,564
	5.7	5.9	7.9
	4.42	4.37	4.26
	47.5	47.5	75.0
	64	64	70
	48	48	54
	50	50	56
	Propeller Fan	Propeller Fan	Propeller Fan
	Front (horizontal)	Front (horizontal)	Front (horizontal)
	125	125	125
	1	1	1
	-10.0-46.0	-10.0-46.0	-10.0-46.0
	-15-24	-15-24	-15-24
	1Φ, 220-240 V, 50 Hz	1Φ, 220-240 V, 50 Hz	1Φ, 220-240 V, 50 Hz
	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary
	1.80	1.97	2.75
	1.81	2.13	2.82
	8.1	8.9	12.2
	8.2	9.5	12.8
	880 x 798 x 310	880 x 798 x 310	940 x 998 x 330
	57.5	57.5	76.5
	R32 (contains fluorinated greenhouse gases. GWP = 675)		
	2.00	2.00	2.70
	30.0	30.0	30.0
	1.35	1.35	1.82
	10	20	10
	1/4 x 3	1/4 x 4	1/4 x 5
	3/8 + 1/2 x 2	3/8 x 2 + 1/2 x 2	3/8 x 2 + 1/2 x 3
	50	70	75
	3/25	3/25	3/25
	7.5	7.5	7.5
	15	15	15