

Specifications



Ceiling R32 NEW

- Vertical or horizontal installation.
- Air supply by means of one adjustable blade; Blade angle between 4 ° and 45 °.
- Reduced noise thanks to the remotely controlled EEV valve.
- Long-life washable HD 40 permanent filter is included.

Indoor Unit Outdoor Unit- Mono-Phase Outdoor Unit- Tri-Phase			AC052RNCDKG/EU AC052RXADKG/EU	AC071RNCDKG/EU AC071RXADKG/EU
Capacity				
	Cooling (Min/Nominal/Max)	kW	1.20 / 5.00 / 6.50	1.50 / 7.10 / 8.70
	Heating up to +7°C (Min/Nominal/Max)	kW	1.70 / 6.00 / 7.70	1.90 / 8.00 / 9.00
	Heating @ -5°C	kW	5.9	7.8
	Heating @ -15°C	kW	5.2	7.00
Performance				
Energy Efficiency Cooling	SEER	W/W	6.1 / A++	5.6 / A+
	Consumption	kWh/a	273	444
	Pdesignc	kW	5.0	7.1
	EER	W/W	3.05	2.42
Energy Efficiency Heating	SCOP	W/W	3.9 / A	3.9 / A
	Consumption	kWh/a	862	1256
	Pdesignh (average)	kW	2.4	3.5
	COP	W/W	3.37	2.74
AirFlow Rate	Indoor Unit (High/Mid/Low)	m ³ /min	12.6 / 11.3 / 10.0	15.2 / 14.1 / 13.1
Sound Power	Indoor Unit	dB(A)	60	64
	Outdoor Unit	dB(A)	62	65
Sound Pressure	Indoor Unit (Silent/Low/Mid/High)	dB(A)	36 / 39 / 41	42 / 44 / 46
	Outdoor Unit	dB(A)	48 / 48	49 / 51
Fan/ Outdoor unit	Type		Sirroco	Sirroco
	Power	W	40	40
	Number	EA	2	2
External Static Pressure	Min / Std / Max	Pa		
Operating Temp. Range	Cooling	°C	-15 ~ 50	-15 ~ 50
	Heating	°C	-20 ~ 24	-20 ~ 24
Electrical Data				
Power Source	Indoor Unit	V / Hz / Φ / #	220~240/ 50/1/ 2	220~240/ 50/1/ 2
	Outdoor Unit 1P	V / Hz / Φ / #	220~240/ 50/1/ 2	220~240/ 50/1/ 2
	Outdoor Unit 3P	V / Hz / Φ / #		
Compressor Type	Outdoor Unit	Type	Twin BLDC	Twin BLDC
Power (Min/Nominal/Max)	Cooling	kW	0.48 / 1.58 / 1.90	0.35 / 2.87 / 3.60
	Heating	kW	0.43 / 1.92 / 3.05	0.35 / 3.05 / 3.95
Current Input	Cooling (Min/Std/Max)	A	2.8 / 7.2 / 9.0	2.0 / 12.4 / 16.0
	Heating (Min/Std/Max)	A	2.4 / 8.5 / 14.5	2.0 / 13.2 / 17.0
	Cooling- Tri-Phase (Min/Std/Max)	A		
	Heating- Tri-Phase (Min/Std/Max)	A		
Dimensions				
Net Dimensions (W x H x D)	Indoor Unit	mm	1000 x 200 x 650	1000 x 200 x 650
	Outdoor Unit	mm	880 x 638 x 310	880 x 798 x 310
Net Weight	Indoor Unit	kg	20,0	20,0
	Outdoor Unit	kg	43,0	51,0
Refrigerant				
Refrigerant	Type		R32(Contains fluorinated greenhouse gases. GWP=675)	
	Factory charging	kg	1.2 / 10m	1.7 / 15m
	Charging Ton equivalent CO2	tCO2e	0.81 tCO2e	1.15 tCO2e
	Additional refrigerant charging	g / m	15	25
Piping Connections	Liquid Pipe	Φ.inch	1 / 4	1 / 4
	Gas Pipe	Φ.inch	1 / 2	5 / 8
Piping Length	Min/ Max	m	3 / 30	3 / 50
Piping Height	Max	m	20	30
Piping Connections	Drain pipe	Φ.mm	ID18	ID18