

Commercial Mono

SMART SERIES

Performance intelligence in a compact size

The Smart series is composed of 4 outdoor units with 7.10 kW (3HP), 9.00 kW (3.5HP), 10.0 kW (4HP) and the **new 12.10 kW (5HP)** capacities.

The diameter of their refrigerant piping, their weight and overall dimension are extremely reduced in comparison to the 7.10 and 10.00 kW outdoor units of the Super line.

NEW CAPACITY



FDC 71 VNP-W (3HP)



FDC 90 VNP-W (3.5HP)
FDC 100 VNP-W (4HP)



FDC 125 VNP-W (5HP)

MONOSPLIT SMART

Cassette 84x84



FDT 71-125 VH
Standard white panel
T-PSA-5BW-E

FDT 71-125 VH
Anti-draft white panel
T-PSAE-5BW-E

FDT 71-125 VH
Standard black panel
T-PSA-5BB-E

FDT 71-125 VH
Black anti-draft panel
T-PSAE-5BB-E

Indoor unit model			FDT 71 VH	FDT 100 VH	FDT 100 VH	FDT 125 VH
Outdoor unit model			FDC 71 VNP-W	FDC 90 VNP-W	FDC 100 VNP-W	FDC 125 VNP-W
Type						
			DC-Inverter heat pump			
Cooling	Rated capacity (T=+35°C)	kW	7.10 (1.50~7.30)	9.00 (2.10~9.50)	10.00 (2.10~10.20)	12.10 (5.00~12.10)
	Rated absorbed power (T=+35°C)	kW	2.31	2.48	2.84	3.69
	Rated energy efficiency coefficient	EER ³	3.07	3.63	3.52	3.28
	Seasonal energy efficiency class	626/2011 ¹	A++	A++	A++	-
	Seasonal energy efficiency index	SEER ²	6.34	7.10	7.08	6.38
	Annual energy consumption	kWh/a	393	444	495.00	-
	Theoretical load (Pdesignc)	kW	7.10	9.00	10.00	12.10
Heating	Rated capacity (T=+7°C)	kW	7.10 (1.10~7.30)	9.00 (1.70~9.50)	10.00 (1.70~10.40)	12.10 (4.00~13.30)
	Rated absorbed power (T=+7°C)	kW	1.73	1.90	2.33	3.20
	Rated energy performance coefficient	COP ³	4.10	4.74	4.29	3.78
	Energy efficiency class (average season)	626/2011 ¹	A+	A+	A+	-
	Energy efficiency index (average season)	SCOP ²	4.38	4.56	4.53	4.27
	Annual energy consumption	kWh/a	1822	1842	1977	-
	Theoretical load (Pdesignh) @-10°C	kW	5.70	6.00	6.40	8.00
Operating limits (outdoor temperature)	Cooling	°C	-15~+46			
	Heating	°C	-15~+20			
Electrical data						
Power	Outdoor Units	Ph-V-Hz	1-220~240V-50Hz	1-220~240V-50Hz	1-220~240V-50Hz	1-220~240V-50Hz
Power cable		Type	3 x 4 mm ²	3 x 4 mm ²	3 x 4 mm ²	3 x 4 mm ²
Connection wires between I.U. and O.U.		no.	4	4	4	4
Rated absorbed current	Cooling	A	10.20	11.00	12.10	15.50
	Heating	A	7.80	8.40	9.90	13.50
Maximum current		A	15.80	19.00	19.00	18.00
Maximum absorbed power		kW	3.58	4.46	4.46	4.75
Refrigerant circuit						
Refrigerant (GWP) ⁴			R32 (675)	R32 (675)	R32 (675)	R32 (675)
Quantity refrigerant pre-load		Kg	1.3	1.7	1.7	2.25
Tons of CO2 equivalent		t	0.878	1.148	1.148	1.519
Diameter of refrigerant piping on liquid/gas		mm (inches)	ø6.35(1/4") - ø12.7(1/2")	ø6.35(1/4") - ø15.88(5/8")	ø6.35(1/4") - ø15.88(5/8")	ø9.52(3/8") - ø15.88(5/8")
Max splitting length		m	30	30	30	30
Max height difference I.U./O.U.		m	20	20	20	20
Splitting length without additional load		m	15	15	15	15
Additional load		g/m	20	20	20	20
Specifications of indoor units						
Dimensions	LxDxH	mm	840x840x236	840x840x298	840x840x298	840x840x298
Net weight		Kg	21	25	25	25
Sound pressure level	P-Hi/Hi/Mi/Lo	dB(A)	46/34/31/26	47/39/36/30	47/39/36/30	48/41/39/31
Sound power level	Max	dB(A)	60	62	62	64
Handled air volume	P-Hi/Hi/Mi/Lo	m ³ /h	1680 / 1080 / 900 / 720	2220 / 1560 / 1380 / 1020	2220 / 1560 / 1380 / 1020	2280 / 1680 / 1500 / 1080
Motor power	Output	W	50	140	140	140
Condensate drain pipe	ø internal	mm	25	25	25	25
Specifications of outdoor units						
Dimensions	LxDxH	mm	800(+71)x290x640	800(+71)x340x750	880(+88)x340x750	970x370x846
Net weight		Kg	45	57	57	70
Sound pressure level	Max	dB(A)	54	55	56	57
Sound power level	Max	dB(A)	67	67	68	73
Handled air	Max	m ³ /h	2520	3540	3780	4740
Motor power	Output	W	34	86	86	86
Accessories						
Standard panel			T-PSA-5BW-E (white) / T-PSA-5BB-E (black)			
Dimensions panel	LxDxH	mm	950x950x35	950x950x35	950x950x35	950x950x35
Net weight		Kg	5	5	5	5
Wired remote control			RC-E5 (LCD) / RC-EX3A (touch) / RCH-E3 (simplified)			
IR remote control (corner KIT)			RCN-T-5BW-E2 (white) / RCN-T-5BB-E2 (black)			
Optional parts						
Anti-draft panel			T-PSAE-5BW-E (white) / T-PSAE-5BB-E (black)			
Wi-Fi module			INWFIMH001R000			
Human sensor (corner KIT)			LB-T-5BW-E2 (white) / LB-T-5BB-E2 (black)			
SUPERLINK II interface			SC-ADNA-E			

1 EU Delegated Regulation No.626/2011 on the new labelling indicating the energy consumption of air conditioners. 2 EU Regulation No.206/2012 - Value measured according to harmonised standard EN14825. 3 Value measured according to harmonised standard EN14511. 4 Refrigerant leakage contributes to climate change. When released into the atmosphere, refrigerants with a lower global warming potential (GWP) contribute less to global warming than those with a higher GWP. This appliance contains a refrigerant with a GWP of 675. If 1 kg of this refrigerant fluid were released into the atmosphere, therefore, the impact on global warming would be 675 times higher than 1 kg of CO₂, over a period of 100 years. Under no circumstances should the user try to intervene on the refrigerant circuit or disassemble the product. Always contact qualified personnel if necessary.

MONOSPLIT SMART

Ducted with medium adjustable head



- Fan pressure head: max 100
- Unit with bottom or rear air intake
- **280 mm**
Height
- **30 m**
Split length
- ESP function: automatic maintenance of the air flow rate as flow resistance varies
- Filter not included
- Compatible with **AIRZONE** systems

FDUM 71-125 VH

Indoor unit model			FDUM 71 VH	FDUM 100 VH	FDUM 100 VH	FDUM 125 VH
Outdoor unit model			FDC 71 VNP-W	FDC 90 VNP-W	FDC 100 VNP-W	FDC 125 VNP-W
Type			DC-Inverter heat pump			
Rated capacity (T=+35°C)	Cooling	kW	7.10 (1.50~7.30)	9.00 (2.10~9.50)	10.00 (2.10~10.20)	12.10 (5.00~12.10)
Rated absorbed power (T=+35°C)		kW	2.60	2.62	3.08	3.85
Rated energy efficiency coefficient		EER ³	2.73	3.44	3.25	3.14
Seasonal energy efficiency class		626/2011 ¹	A+	A++	A++	-
Seasonal energy efficiency index		SEER ²	5.86	6.65	6.11	5.50
Annual energy consumption		kWh/a	425	474	573	-
Theoretical load (Pdesignc)	Heating	kW	7.10	9.00	10.00	12.10
Rated capacity (T=+7°C)		kW	7.10 (1.10~7.30)	9.00 (1.70~9.50)	10.00 (1.70~10.40)	12.10 (4.00~13.30)
Rated absorbed power (T=+7°C)		kW	1.89	1.98	2.45	3.28
Rated energy performance coefficient		COP ³	3.76	4.55	4.08	3.69
Energy efficiency class (average season)		626/2011 ¹	A+	A+	A+	-
Energy efficiency index (average season)		SCOP ²	4.12	4.22	4.13	4.01
Annual energy consumption	kWh/a	1937	1990	2169	-	
Theoretical load (Pdesignh) @-10°C	kW	5.70	6.00	6.40	8.00	
Operating limits (outdoor temperature)	Cooling	°C	-15~+46			
	Heating	°C	-15~+20			
Electrical data						
Power	Outdoor unit	Ph-V-Hz	1-220~240V-50Hz	1-220~240V-50Hz	1-220~240V-50Hz	1-220~240V-50Hz
Power cable		Type	3 x 4 mm ²	3 x 4 mm ²	3 x 4 mm ²	3 x 4 mm ²
Connection wires between I.U. and O.U.		no.	4	4	4	4
Rated absorbed current	Cooling	A	11.50	11.60	13.10	16.20
	Heating	A	8.50	8.80	10.40	13.80
Maximum current		A	15.80	19.00	19.00	20.00
Maximum absorbed power		kW	3.58	4.46	4.46	4.75
Refrigerant circuit						
Refrigerant (GWP) ⁴			R32 (675)	R32 (675)	R32 (675)	R32 (675)
Quantity refrigerant pre-load		Kg	1.3	1.7	1.7	2.25
Tons of CO2 equivalent		t	0.878	1.148	1.148	1.519
Diameter of refrigerant piping on liquid/gas		mm (inches)	ø6.35(1/4") - ø12.7(1/2")	ø6.35(1/4") - ø15.88(5/8")	ø6.35(1/4") - ø15.88(5/8")	ø9.52(3/8") - ø15.88(5/8")
Max splitting length		m	30	30	30	30
Max height difference I.U./O.U.	O.U. over / O.U. under	m	20	20	20	20
Splitting length without additional load		m	15	15	15	15
Additional load		g/m	20	20	20	20
Specifications of indoor units						
Dimensions	LxDxH	mm	950x635x280	1370x740x280	1370x740x280	1370x740x280
Net weight		Kg	34	54	54	54
Sound pressure level	P-Hi/Hi/Mi/Lo	dB(A)	38/33/29/25	44/38/36/30	44/38/36/30	45/40/34/29
Sound power level	Max	dB(A)	65	65	65	67
Handled air volume	P-Hi/Hi/Mi/Lo	m ³ /h	1440 / 1140 / 900 / 600	2160 / 1680 / 1500 / 1140	2160 / 1680 / 1500 / 1140	2340 / 1920 / 1560 / 1200
Fan pressure head	Std/Max	Pa	35/100	60/100	60/100	60/100
Motor power	Output	W	130	100 + 130	100 + 130	100 + 200
Condensate drain pipe	ø internal	mm	25	25	25	25
Specifications of outdoor units						
Dimensions	LxDxH	mm	800(+71)x290x640	800(+71)x340x750	880(+88)x340x750	970x370x846
Net weight		Kg	45	57	57	70
Sound pressure level	Max	dB(A)	54	55	56	57
Sound power level	Max	dB(A)	67	67	68	73
Handled air	Max	m ³ /h	2520	3540	3780	4740
Motor power	Output	W	34	86	86	86
Accessories						
Wired remote control	RC-E5 (LCD) / RC-EX3A (touch) / RC-EXZ3A (touch + control zone) / RCH-E3 (simplified)					
IR remote control (KIT)	RCN-KIT4-E2					
Optional parts						
Recovery filter (KIT)	UM-FL2EF		UM-FL3EF			
Wi-Fi module	INWFIMH1001R000					
Human sensor (KIT)	LB-KIT2					
SUPERLINK II interface	SC-ADNA-E					

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MONOSPLIT SMART

Ducted with high adjustable head



- **max 200**
Fan pressure head
- Unit with bottom or rear air intake
- **280 mm**
Height
- **30 m**
Split length
- ESP function: automatic maintenance of the air flow rate as flow resistance varies
- Filter not included
- Compatible with **AIRZONE** systems

FDU 71-125 VH

Indoor unit model			FDU 71 VH	FDU 100 VH	FDU 100 VH	FDU 125 VH
Outdoor unit model			FDC 71 VNP-W	FDC 90 VNP-W	FDC 100 VNP-W	FDC 125 VNP-W
DC-Inverter heat pump						
Rated capacity (T=+35°C)	Cooling	kW	7.10 (1.50~7.30)	9.00 (2.10~9.50)	10.00 (2.10~10.20)	12.10 (5.00~12.10)
Rated absorbed power (T=+35°C)		kW	2.60	2.62	3.08	3.85
Rated energy efficiency coefficient		EER ³	2.73	3.44	3.25	3.14
Seasonal energy efficiency class		626/2011 ¹	A+	A++	A++	-
Seasonal energy efficiency index		SEER ²	5.86	6.66	6.11	5.50
Annual energy consumption		kWh/a	425	474	573	-
Theoretical load (Pdesignc)		kW	7.10	9.00	10.00	12.10
Rated capacity (T=+7°C)	Heating	kW	7.10 (1.10~7.30)	9.00 (1.70~9.50)	10.00 (1.70~10.40)	12.10 (4.00~13.30)
Rated absorbed power (T=+7°C)		kW	1.89	1.98	2.45	3.28
Rated energy performance coefficient		COP ³	3.76	4.55	4.08	3.69
Energy efficiency class (average season)		626/2011 ¹	A+	A+	A+	-
Energy efficiency index (average season)		SCOP ²	4.12	4.22	4.13	4.01
Annual energy consumption		kWh/a	1937	1990	2169	-
Theoretical load (Pdesignh) @-10°C		kW	5.70	6.00	6.40	8.00
Operating limits (outdoor temperature)	Cooling	°C	-15~+46			
	Heating	°C	-15~+20			
Electrical data						
Power	Outdoor unit	Ph-V-Hz	1-220~240V-50Hz	1-220~240V-50Hz	1-220~240V-50Hz	1-220~240V-50Hz
Power cable		Type	3 x 4 mm ²	3 x 4 mm ²	3 x 4 mm ²	3 x 4 mm ²
Connection wires between I.U. and O.U.		no.	4	4	4	4
Rated absorbed current	Cooling	A	11.50	11.60	13.10	16.20
	Heating	A	8.50	8.80	10.40	13.80
Maximum current		A	15.80	19.00	19.00	20.00
Maximum absorbed power		kW	3.58	4.46	4.46	4.75
Refrigerant circuit						
Refrigerant (GWP) ⁴			R32 (675)	R32 (675)	R32 (675)	R32 (675)
Quantity refrigerant pre-load		Kg	1.3	1.7	1.7	2.25
Tons of CO2 equivalent		t	0.878	1.148	1.148	1.519
Diameter of refrigerant piping on liquid/gas		mm (inches)	ø6.35(1/4") - ø12.7(1/2")	ø6.35(1/4") - ø15.88(5/8")	ø6.35(1/4") - ø15.88(5/8")	ø9.52(3/8") - ø15.88(5/8")
Max splitting length		m	30	30	30	30
Max height difference I.U./O.U.		m	20	20	20	20
Splitting length without additional load		m	15	15	15	15
Additional load		g/m	20	20	20	20
Specifications of indoor units						
Dimensions	LxDxH	mm	950x635x280	1370x740x280	1370x740x280	1370x740x280
Net weight		Kg	34	54	54	54
Sound pressure level	P-Hi/Hi/Mi/Lo	dB(A)	38/33/29/25	44/38/36/30	44/38/36/30	45/40/34/29
Sound power level	Max	dB(A)	65	65	65	67
Handled air volume	P-Hi/Hi/Mi/Lo	m ³ /h	1440 / 1140 / 900 / 600	2160 / 1680 / 1500 / 1140	2160 / 1680 / 1500 / 1140	2340 / 1920 / 1560 / 1200
Fan pressure head	Std/Max	Pa	35/200	60/200	60/200	60/200
Motor power	Output	W	130	100 + 130	100 + 130	100 + 200
Condensate drain pipe	ø internal	mm	25	25	25	25
Specifications of outdoor units						
Dimensions	LxDxH	mm	800(+71)x290x640	800(+71)x340x750	880(+88)x340x750	970x370x846
Net weight		Kg	45	57	57	70
Sound pressure level	Max	dB(A)	54	55	56	57
Sound power level	Max	dB(A)	67	67	68	73
Handled air	Max	m ³ /h	2520	3540	3780	4740
Motor power	Output	W	34	86	86	86
Accessories						
Wired remote control	RC-E5 (LCD) / RC-EX3A (touch) / RC-EXZ3A (touch + control zone) / RCH-E3 (simplified)					
IR remote control (KIT)	RCN-KIT4-E2					
Optional parts						
Wi-Fi module	INWFIMHI001R000					
Human sensor (KIT)	LB-KIT2					
SUPERLINK II interface	SC-ADNA-E					

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MONOSPLIT SMART

Ceiling



OPTIONAL

- Ideal for very large environments, thanks to the particularly wide air flow
- **30 m**
Split length
- Versatile installation thanks to drain pipe and refrigerant flexibility
- Polypropylene filter included

FLEXIBLE PIPE ORIENTATION

Maximum flexibility: the refrigerant piping can be attached in 3 different positions (rear, top, right), as can that of the condensate drain (left, right).

FDE 71-125 VH

Indoor unit model			FDE 71 VH	FDE 100 VH	FDE 100 VH	FDE 125 VH
Outdoor unit model			FDC 71 VNP-W	FDC 90 VNP-W	FDC 100 VNP-W	FDC 125 VNP-W
DC-Inverter heat pump						
Rated capacity (T=+35°C)	Cooling	kW	7.10 (1.50~7.30)	9.00 (2.10~9.50)	10.00 (2.10~10.20)	12.10 (5.00~12.10)
Rated absorbed power (T=+35°C)		kW	2.41	2.38	3.00	3.88
Rated energy efficiency coefficient		EER ³	2.95	3.78	3.33	3.12
Seasonal energy efficiency class		626/2011 ¹	A++	A++	A++	-
Seasonal energy efficiency index		SEER ²	6.44	6.78	6.63	5.95
Annual energy consumption		kWh/a	386	465	529	-
Theoretical load (Pdesignc)	Heating	kW	7.10	9.00	10.00	12.10
Rated capacity (T=+7°C)		kW	7.10 (1.10~7.30)	9.00 (1.70~9.50)	10.00 (1.70~10.40)	12.10 (4.00~13.30)
Rated absorbed power (T=+7°C)		kW	1.96	1.99	2.36	3.30
Rated energy performance coefficient		COP ³	3.62	4.52	4.24	3.67
Energy efficiency class (average season)		626/2011 ¹	A+	A+	A+	-
Energy efficiency index (average season)		SCOP ²	4.32	4.46	4.24	4.21
Annual energy consumption	kWh/a	1849	1920	1984	-	
Theoretical load (Pdesignh) @-10°C	kW	5.70	5.80	6.00	8.00	
Operating limits (outdoor temperature)	Cooling	°C	-15~+46			
	Heating	°C	-15~+20			
Electrical data						
Power	Outdoor unit	Ph-V-Hz	1-220~240V-50Hz	1-220~240V-50Hz	1-220~240V-50Hz	1-220~240V-50Hz
Power cable		Type	3 x 4 mm ²	3 x 4 mm ²	3 x 4 mm ²	3 x 4 mm ²
Connection wires between I.U. and O.U.		no.	4	4	4	4
Rated absorbed current	Cooling	A	10.90	10.60	12.80	16.30
	Heating	A	8.80	8.80	10.10	13.90
Maximum current		A	15.80	19.00	19.00	18.00
Maximum absorbed power		kW	3.58	4.46	4.46	4.75
Refrigerant circuit						
Refrigerant (GWP) ⁴			R32 (675)	R32 (675)	R32 (675)	R32 (675)
Quantity refrigerant pre-load		Kg	1.3	1.7	1.7	2.25
Tons of CO2 equivalent		t	0.878	1.148	1.148	1.519
Diameter of refrigerant piping on liquid/gas		mm (inches)	ø6.35(1/4") - ø12.7(1/2")	ø6.35 (1/4") - ø15.88 (5/8")	ø6.35 (1/4") - ø15.88 (5/8")	ø9.52 (3/8") - ø15.88 (5/8")
Max. splitting length		m	30	30	30	30
Max height difference I.U./O.U.		m	20	20	20	20
Splitting length without additional load		m	15	15	15	15
Additional load		g/m	20	20	20	20
Specifications of indoor units						
Dimensions	LxDxH	mm	1320x690x210	1620x690x250	1620x690x250	1620x690x250
Net weight		Kg	33	43	43	43
Sound pressure level	P-Hi/Hi/Mi/Lo	dB(A)	47/41/37/32	48/43/38/34	48/43/38/34	48/45/40/35
Sound power level	Max	dB(A)	60	64	64	64
Handled air volume	P-Hi/Hi/Mi/Lo	m ³ /h	1200 / 960 / 780 / 600	1920 / 1560 / 1260 / 990	1920 / 1560 / 1260 / 990	1920 / 1740 / 1380 / 1020
Motor power	Output	W	50	80	80	80
Condensate drain pipe	ø internal	mm	20	20	20	20
Specifications of outdoor units						
Dimensions	LxDxH	mm	800(+71)x290x640	800(+71)x340x750	880(+88)x340x750	970x370x846
Net weight		Kg	45	57	57	70
Sound pressure level	Max	dB(A)	54	55	56	57
Sound power level	Max	dB(A)	67	67	68	73
Handled air volume	Max	m ³ /h	2520	3540	3780	4740
Motor power	Output	W	34	86	86	86
Accessories						
Wired remote control			RC-E5 (LCD) / RC-EX3A (touch) / RCH-E3 (simplified)			
IR remote control (KIT)			RCN-E-E3			
Optional parts						
Wi-Fi module			INWFIMH1001R000			
HUMAN sensor (KIT)			LB-E			
SUPERLINK II interface			SC-ADNA-E			

¹ EU Delegated Regulation No.626/2011 on the new labelling indicating the energy consumption of air conditioners. ² EU Regulation No.206/2012 - Value measured according to harmonised standard EN14825. ³ Value measured according to harmonised standard EN14511. ⁴ Refrigerant leakage contributes to climate change. When released into the atmosphere, refrigerants with a lower global warming potential (GWP) contribute less to global warming than those with a higher GWP. This appliance contains a refrigerant with a GWP of 675. If 1 kg of this refrigerant fluid were released into the atmosphere, therefore, the impact on global warming would be 675 times higher than 1 kg of CO₂, over a period of 100 years. Under no circumstances should the user try to intervene on the refrigerant circuit or disassemble the product. Always contact qualified personnel if necessary.

MONOSPLIT SMART

Wall



OPTIONAL

- **339 mm**
Height
- **30 m**
Split length
- **25 dB(A)**
Sound power level (7.10 kW), maximum quiet
- Antibacterial treatment on fan
- The powerful air flow is realized with Jet technology
- Ideal for large living rooms and shops
- Equipped with dust and photocatalytic filters

SRK 71-100 ZR-W

Indoor unit model			SRK 71 ZR-W	SRK 100 ZR-W
Outdoor unit model			FDC 71 VNP-W	FDC 100 VNP-W
Type			DC-Inverter heat pump	
Control (included)			Remote control	
Rated capacity (T=+35°C)	Cooling	kW	7.10 (1.50~7.30)	9.60 (2.10~9.60)
Rated absorbed power (T=+35°C)		kW	2.36	3.10
Rated energy efficiency coefficient		EER ³	3.01	3.10
Seasonal energy efficiency class		626/2011 ¹	A++	A++
Seasonal energy efficiency index		SEER ²	6.75	6.11
Annual energy consumption	Heating	kWh/a	369	551
Theoretical load (Pdesignc)		kW	7.10	9.60
Rated capacity (T=+7°C)		kW	7.10 (1.10~7.30)	10.00 (1.70~10.40)
Rated absorbed power (T=+7°C)		kW	1.88	2.80
Rated energy performance coefficient		COP ³	3.78	3.57
Energy efficiency class (average season)		626/2011 ¹	A+	A+
Energy efficiency index (average season)		SCOP ²	4.55	4.14
Annual energy consumption	kWh/a	1756	2028	
Theoretical load (Pdesignh) @-10°C	kW	5.70	6.00	
Operating limits (outdoor temperature)	Cooling	°C	-15~+46	
	Heating	°C	-15~+20	
Electrical data				
Power	Outdoor unit	Ph-V-Hz	1-220~240V-50Hz	1-220~240V-50Hz
Power cable		Type	3 x 4 mm ²	3 x 4 mm ²
Connection wires between I.U. and O.U.		no.	4	4
Rated absorbed current	Cooling	A	10.50	13.20
	Heating	A	8.40	11.90
Maximum current		A	15.80	19.00
Maximum absorbed power		kW	3.58	4.46
Refrigerant circuit				
Refrigerant (GWP) ⁴			R32 (675)	R32 (675)
Quantity refrigerant pre-load		Kg	1.3	1.7
Tons of CO2 equivalent		t	0.878	1.148
Diameter of refrigerant piping on liquid/gas		mm (inches)	ø6.35(1/4") - ø12.7(1/2")	ø6.35 (1/4") - ø15.88 (5/8")
Max splitting length		m	30	30
Max height difference I.U./O.U.		m	20	20
Splitting length without additional load		m	15	15
Additional load		g/m	20	20
Specifications of indoor units				
Dimensions	LxDxH	mm	1197x262x339	1197x262x339
Net weight		Kg	15.5	16.5
Sound pressure level (Hi/Mi/Lo/ULO)	Cooling	dB(A)	44/41/37/25	48/45/40/27
	Heating		46/39/35/28	48/43/38/30
Sound power level	Max	dB(A)	60	63
Handled air volume (Hi/Mi/Lo/ULO)	Cooling	m ³ /h	1230 / 1116 / 972 / 624	1470 / 1278 / 1056 / 624
	Heating		1500 / 1188 / 1038 / 798	1650 / 1392 / 1146 / 816
Motor power	Output	W	56	56
Condensate drain pipe	ø internal	mm	16	16
Specifications of outdoor units				
Dimensions	LxDxH	mm	800(+71)x290x640	880(+88)x340x750
Net weight		Kg	45	57
Sound pressure level	Max	dB(A)	54	56
Livello potenza sonora	Max	dB(A)	67	68
Sound power level	Max	m ³ /h	2520	3780
Motor power	Output	W	34	86
Optional parts				
Wi-Fi module ⁵			AM-MHI-01	
Interface for home automation connection and wired control ⁶			SC-BIKN2-E	

1 EU Delegated Regulation No.626/2011 on the new labelling indicating the energy consumption of air conditioners. 2 EU Regulation No.206/2012 - Value measured according to harmonised standard EN14825. 3 Value measured according to harmonised standard EN14511. 4 Refrigerant leakage contributes to climate change. When released into the atmosphere, refrigerants with a lower global warming potential (GWP) contribute less to global warming than those with a higher GWP. This appliance contains a refrigerant with a GWP of 675. If 1 kg of this refrigerant fluid were released into the atmosphere, therefore, the impact on global warming would be 675 times higher than 1 kg of CO₂, over a period of 100 years. Under no circumstances should the user try to intervene on the refrigerant circuit or disassemble the product. Always contact qualified personnel if necessary. 5 Using the Wi-Fi module excludes the possibility of connecting any other optional accessory. 6 Home automation and optional protocols with dedicated interfaces: KNX, Modbus, BACnet.