

Commercial Mono & Multi

SUPER SERIES

Design flexibility thanks to the small size of the units. Application solutions that meet the installation requirements of both small and medium commercial areas and industrial contexts

- ▀ **SEER up to 7.13**
Improved seasonal efficiency
- ▀ **SCOP up to 4.60**
Improved seasonal efficiency
- ▀ Compact dimensions up to 6HP.
- ▀ Improved installation flexibility: height difference I.U.-O.U. 50 m.
- ▀ Wide availability of indoor units.
- ▀ New PCB cooling system: a refrigerant pipe branch passes to the base of the PCB to prevent overheating.

VNA-W = SINGLE-PHASE;
VSA-W= THREE-PHASE



FDC 100 VNA-W/VSA-W (4HP)
FDC 125 VNA-W/VSA-W (5HP)
FDC 140 VNA-W/VSA-W (6HP)



FDC 200 VSA-W (8HP)
FDC 250 VSA-W (10HP)
FDC 280 VSA-W (12HP)

MONOSPLIT SUPER

Cassette 84x84



FDT 100-125-140 VH
Standard white panel
T-PSA-5BW-E



FDT 100-125-140 VH
Anti-draft white panel
T-PSAE-5BW-E



OPTIONAL



FDT 100-125-140 VH
Standard black panel
T-PSA-5BB-E



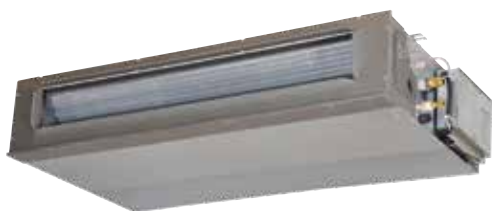
FDT 100-125-140 VH
Black anti-draft panel
T-PSAE-5BB-E

Indoor unit model			FDT 100 VH	FDT 100 VH	FDT 125 VH	FDT 125 VH	FDT 140 VH	FDT 140 VH
Outdoor unit model			FDC 100 VNA-W	FDC 100 VSA-W	FDC 125 VNA-W	FDC 125 VSA-W	FDC 140 VNA-W	FDC 140 VSA-W
Type			DC-Inverter heat pump					
Rated capacity (T=+35°C) Rated absorbed power (T=+35°C) Rated energy efficiency coefficient Seasonal energy efficiency class Seasonal energy efficiency index Annual energy consumption Theoretical load (Pdesignc)	Cooling	kW	10.00 (4.00~11.20)		12.50 (5.00~14.00)		13.60 (5.00~14.50)	
		kW	2.73		4.05		4.79	
		EER ³	3.66		3.09		2.84	
		626/2011 ¹	A++		-		-	
		SEER ²	7.13		6.53		6.17	
		kWh/a	491		-		-	
		kW	10.00		12.50		13.60	
Rated capacity (T=+7°C) Rated absorbed power (T=+7°C) Rated energy performance coefficient Energy efficiency class (average season) Energy efficiency index (average season) Annual energy consumption Theoretical load (Pdesignh) @-10°C	Heating	kW	11.20 (4.00~12.50)		14.00 (4.00~16.00)		15.50 (4.00~16.50)	
		kW	2.54		3.59		4.18	
		COP ³	4.41		3.90		3.71	
		626/2011 ¹	A++		-		-	
		SCOP ²	4.60		4.38		4.42	
		kWh/a	2590		-		-	
		kW	8.50		14.00		15.50	
Operating limits (outdoor temperature)	Cooling	°C	-15~+50					
	Heating	°C	-20~+20					
Electrical data								
Power	Outdoor Units	Ph-V-Hz	1-220~240V-50Hz	3-380~415V-50Hz	1-220~240V-50Hz	3-380~415V-50Hz	1-220~240V-50Hz	3-380~415V-50Hz
Power cable		Type	3 x 6 mm ²	5 x 4 mm ²	3 x 6 mm ²	5 x 4 mm ²	3 x 6 mm ²	5 x 4 mm ²
Connection wires between I.U. and O.U.		no.	4	4	4	4	4	4
Rated absorbed current	Cooling	A	13.20	4.20	18.70	6.20	21.50	7.40
	Heating	A	12.40	3.90	16.80	5.50	18.50	6.60
Maximum current		A	24.00	15.00	24.00	15.00	24.00	15.00
Maximum absorbed power		kW	6.40	10.20	6.40	10.20	6.40	10.20
Refrigerant circuit								
Refrigerant (GWP) ⁴			R32 (675)		R32 (675)		R32 (675)	
Quantity refrigerant pre-load		Kg	3.3		3.3		3.3	
Tons of CO ₂ equivalent		t	2.228		2.228		2.228	
Diameter of refrigerant piping on liquid/gas		mm (inches)	ø9.52 (3/8") - ø15.88(5/8")		ø9.52 (3/8") - ø15.88(5/8")		ø9.52 (3/8") - ø15.88(5/8")	
Min/Max splitting length		m	50		50		50	
Max height difference I.U./O.U.	O.U. over / O.U. under	m	50/15		50/15		50/15	
Splitting length without additional load		m	30		30		30	
Additional load		g/m	54		54		54	
Specifications of indoor units								
Dimensions	LxDxH	mm	840x840x298		840x840x298		840x840x298	
Net weight		Kg	25		25		25	
Sound pressure level	P-Hi/Hi/Mi/Lo	dB(A)	47/39/36/30		48/41/39/31		48/42/39/32	
Sound power level	Max	dB(A)	62		64		64	
Handled air volume	P-Hi/Hi/Mi/Lo	m ³ /h	2220 / 1560 / 1380 / 1020		2280 / 1680 / 1500 / 1080		2280 / 1740 / 1560 / 1140	
Motor power	Output	W	140		140		140	
Condensate drain pipe	ø internal	mm	25		25		25	
Specifications of outdoor units								
Dimensions	LxDxH	mm	970x370x845		970x370x845		970x370x845	
Net weight		Kg	77	78	77	78	77	78
Sound pressure level	Max	dB(A)	55		56		58	
Sound power level	Max	dB(A)	70		71		73	
Handled air	Max	m ³ /h	4500		4500		4500	
Motor power	Output	W	86		86		86	
Accessories								
Standard panel			T-PSA-5BW-E (white) / T-PSAE-5BB-E (black)					
Dimensions panel	LxDxH	mm	950x950x35		950x950x35		950x950x35	
Net weight		Kg	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			T-PSAE-5BW-E (white) / T-PSAE-5BB-E (black)					
Anti-draft panel			INWFIMH1001R000					
Wi-Fi module			LB-T-5BW-E2 (white) / LB-T-5BB-E2 (black)					
Human sensor (corner KIT)			SC-ADNA-E					
SUPERLINK II interface								

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 SUPER

Ducted with medium adjustable head



FDUM 100-125-140 VH

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

Indoor unit model			FDUM 100 VH	FDUM 100 VH	FDUM 125 VH	FDUM 125 VH	FDUM 140 VH	FDUM 140 VH		
Outdoor unit model			FDC 100 VNA-W	FDC 100 VSA-W	FDC 125 VNA-W	FDC 125 VSA-W	FDC 140 VNA-W	FDC 140 VSA-W		
Type			DC-Inverter heat pump							
Rated capacity (T=+35°C)	Cooling	kW	10.00 (4.00~11.20)		12.50 (5.00~14.00)		13.60 (5.00~14.50)			
		kW	2.99		4.36		5.13			
		EER ³	3.35		2.87		2.65			
		Seasonal energy efficiency class	626/2011 ¹		A++		-			
		Seasonal energy efficiency index	SEER ²		6.11		5.57		5.30	
		Annual energy consumption	kWh/a		574		-		-	
		Theoretical load (Pdesignc)	kW		10.00		12.50		13.60	
		Rated capacity (T=+7°C)	Heating	kW	11.20 (4.00~12.50)		14.00 (4.00~16.00)		15.50 (4.00~16.50)	
kW	2.66			3.69		4.21				
COP ³	4.21			3.79		3.68				
Energy efficiency class (average season)	626/2011 ¹			A+		-				
Energy efficiency index (average season)	SCOP ²			4.19		4.13		4.01		
Annual energy consumption	kWh/a			2843		-		-		
Theoretical load (Pdesignh) @-10°C	kW			8.50		14.00		15.50		
Operating limits (outdoor temperature)	Cooling			°C	-15~+50					
	Heating	°C	-20~+20							
Electrical data										
Power	Outdoor unit	Ph-V-Hz	1-220~240V-50Hz	3-380~415V-50Hz	1-220~240V-50Hz	3-380~415V-50Hz	1-220~240V-50Hz	3-380~415V-50Hz		
Power cable		Type	3 x 6 mm ²	5 x 4 mm ²	3 x 6 mm ²	5 x 4 mm ²	3 x 6 mm ²	5 x 4 mm ²		
Connection wires between I.U. and O.U.		no.	4	4	4	4	4	4		
Rated absorbed current	Cooling	A	14.30	4.60	20.40	6.80	23.70	8.10		
	Heating	A	12.70	4.10	17.80	5.90	20.30	6.80		
Maximum current		A	26.00	17.00	26.00	17.00	27.00	18.00		
Maximum absorbed power		kW	6.40	10.20	6.40	10.20	6.40	10.20		
Refrigerant circuit										
Refrigerant (GWP) ⁴			R32 (675)		R32 (675)		R32 (675)			
Quantity refrigerant pre-load		Kg	3.3		3.3		3.3			
Tons of CO ₂ equivalent		t	2.228		2.228		2.228			
Diameter of refrigerant piping on liquid/gas		mm (inches)	ø9.52 (3/8") - ø15.88(5/8")		ø9.52 (3/8") - ø15.88(5/8")		ø9.52 (3/8") - ø15.88(5/8")			
Max splitting length		m	50		50		50			
Max height difference I.U./O.U.	O.U. over / O.U. under	m	50/15		50/15		50/15			
Splitting length without additional load		m	30		30		30			
Additional load		g/m	54		54		54			
Specifications of indoor units										
Dimensions	LxDxH	mm	1370x740x280		1370x740x280		1370x740x280			
Net weight		Kg	54		54		54			
Sound pressure level	P-Hi/Hi/Mi/Lo	dB(A)	44/38/36/30		45/40/34/29		47/40/35/30			
Sound power level	Max	dB(A)	65		67		70			
Handled air volume	P-Hi/Hi/Mi/Lo	m ³ /h	2160 / 1680 / 1500 / 1140		2340 / 1920 / 1560 / 1200		2880 / 2100 / 1680 / 1320			
Fan pressure head	Std/Max	Pa	60/100		60/100		60/100			
Motor power	Output	W	100 + 130		100 + 200		100 + 200			
Condensate drain pipe	ø internal	mm	25		25		25			
Specifications of outdoor units										
Dimensions	LxDxH	mm	970x370x845		970x370x845		970x370x845			
Net weight		Kg	77	78	77	78	77	78		
Sound pressure level	Max	dB(A)	55		56		58			
Sound power level	Max	dB(A)	70		71		73			
Handled air	Max	m ³ /h	4500		4500		4500			
Motor power	Output	W	86		86		86			
Accessories										
Wired remote control			RC-E5 (LCD) / RC-EX3A (touch) / RC-EX23A (touch + control zone) / RCH-E3 (simplified)							
IR remote control (KIT)			RCN-KIT4-E2							
Optional parts										
Recovery filter (KIT)			UM-FL3EF							
Wi-Fi module			INWFIMH1001R000							
Human sensor (KIT)			LB-KIT2							
SUPERLINK II interface			SC-ADNA-E							

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MONOSPLIT SUPER

Ducted with high adjustable head



FDU 100-125-140 VH

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

Indoor unit model			FDU 100 VH	FDU 100 VH	FDU 125 VH	FDU 125 VH	FDU 140 VH	FDU 140 VH
Outdoor unit model			FDC 100 VNA-W	FDC 100 VSA-W	FDC 125 VNA-W	FDC 125 VSA-W	FDC 140 VNA-W	FDC 140 VSA-W
Type			DC-Inverter heat pump					
Rated capacity (T=+35°C) Rated absorbed power (T=+35°C) Rated energy efficiency coefficient Seasonal energy efficiency class Seasonal energy efficiency index Annual energy consumption Theoretical load (Pdesignc)	Cooling	kW	10.00 (4.00~11.20)		12.50 (5.00~14.00)		13.60 (5.00~14.50)	
		kWh/a	574		-		-	
		SEER ²	6.11		5.57		5.30	
		EER ³	3.35		2.87		2.65	
		626/2011 ¹	A++		-		-	
		SCOP ²	4.19		4.13		4.01	
		626/2011 ¹	A+		-		-	
Rated capacity (T=+7°C) Rated absorbed power (T=+7°C) Rated energy performance coefficient Energy efficiency class (average season) Energy efficiency index (average season) Annual energy consumption Theoretical load (Pdesignh) @-10°C	Heating	kW	11.20 (4.00~12.50)		14.00 (4.00~16.00)		15.50 (4.00~16.50)	
		kWh/a	2843		-		-	
		SEER ²	6.11		5.57		5.30	
		EER ³	3.35		2.87		2.65	
		626/2011 ¹	A++		-		-	
		SCOP ²	4.19		4.13		4.01	
		626/2011 ¹	A+		-		-	
Operating limits (outdoor temperature)	Cooling	°C	-15~+50					
	Heating	°C	-20~+20					
Electrical data								
Power	Outdoor unit	Ph-V-Hz	1-220~240V-50Hz	3-380~415V-50Hz	1-220~240V-50Hz	3-380~415V-50Hz	1-220~240V-50Hz	3-380~415V-50Hz
Power cable		Type	3 x 6 mm ²	5 x 4 mm ²	3 x 6 mm ²	5 x 4 mm ²	3 x 6 mm ²	5 x 4 mm ²
Connection wires between I.U. and O.U.		no.	4	4	4	4	4	4
Rated absorbed current	Cooling	A	14.30	4.60	20.40	6.80	23.70	8.10
	Heating	A	12.70	4.10	17.80	5.90	20.30	6.80
Maximum current		A	26.00	17.00	26.00	17.00	27.00	18.00
Maximum absorbed power		kW	6.40	10.20	6.40	10.20	6.40	10.20
Refrigerant circuit								
Refrigerant (GWP) ⁴			R32 (675)		R32 (675)		R32 (675)	
Quantity refrigerant pre-load		Kg	3.3		3.3		3.3	
Tons of CO2 equivalent		t	2.228		2.228		2.228	
Diameter of refrigerant piping on liquid/gas		mm (inches)	ø9.52 (3/8") - ø15.88(5/8")		ø9.52 (3/8") - ø15.88(5/8")		ø9.52 (3/8") - ø15.88(5/8")	
Max splitting length		m	50		50		50	
Max height difference I.U./O.U.	O.U. over / O.U. under	m	50/15		50/15		50/15	
Splitting length without additional load		m	30		30		30	
Additional load		g/m	54		54		54	
Specifications of indoor units								
Dimensions	LxDxH	mm	1370x740x280		1370x740x280		1370x740x280	
Net weight		Kg	54		54		54	
Sound pressure level	P-Hi/Hi/Mi/Lo	dB(A)	44/38/36/30		45/40/34/29		47/40/35/30	
Sound power level	Max	dB(A)	65		67		70	
Handled air volume	P-Hi/Hi/Mi/Lo	m ³ /h	2160 / 1680 / 1500 / 1140		2340 / 1920 / 1560 / 1200		2880 / 2100 / 1680 / 1320	
Fan pressure head	Std/Max	Pa	60/200		60/200		60/200	
Motor power	Output	W	100 + 130		100 + 200		100 + 200	
Condensate drain pipe	ø internal	mm	25		25		25	
Specifications of outdoor units								
Dimensions	LxDxH	mm	970x370x845		970x370x845		970x370x845	
Net weight		Kg	77	78	77	78	77	78
Sound pressure level	Max	dB(A)	55		56		58	
Sound power level	Max	dB(A)	70		71		73	
Handled air	Max	m ³ /h	4500		4500		4500	
Motor power	Output	W x n°	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 SUPER

Ducted with high adjustable head



- **max 200**
Fan pressure head
- Unit with bottom or rear air intake
- **70 m**
Split length
- ESP function: automatic maintenance of the air flow rate as flow resistance varies

FDU 200-250-280 VH

Indoor unit model			FDU 200 VH	FDU 250 VH	FDU 280 VH
Outdoor unit model			FDC 200 VSA-W	FDC 250 VSA-W	FDC 280 VSA-W
Type			DC-Inverter heat pump		
Rated capacity (T=+35°C)	Cooling	kW	20.00 (7.20~22.40)	25.00 (7.20~28.00)	27.00 (6.90~31.50)
Rated absorbed power (T=+35°C)		kW	6.15	8.25	9.15
Rated energy efficiency coefficient		EER ³	3.25	3.03	2.95
Seasonal energy efficiency class		626/2011 ¹	-	-	-
Seasonal energy efficiency index		SEER ²	5.90	4.89	4.93
Annual energy consumption		kWh/a	-	-	-
Theoretical load (Pdesignc)		kW	20.00	25.00	27.00
Rated capacity (T=+7°C)	Heating	kW	22.4 (6.50~25.00)	28.00 (6.70~31.50)	30.00 (6.90~33.50)
Rated absorbed power (T=+7°C)		kW	5.67	7.55	9.12
Rated energy performance coefficient		COP ³	3.95	3.75	3.29
Energy efficiency class (average season)		626/2011 ¹	-	-	-
Energy efficiency index (average season)		SCOP ²	3.55	3.54	3.70
Annual energy consumption		kWh/a	-	-	-
Theoretical load (Pdesignh) @-10°C		kW	22.40	28.00	30.00
Operating limits (outdoor temperature)	Cooling	°C		-15~+50	
	Heating	°C		-20~+20	
Electrical data					
Power	Outdoor unit	Ph-V-Hz	3-380~415V-50Hz	3-380~415V-50Hz	3-380~415V-50Hz
Power cable		Type	5 x 6 mm ²	5 x 6 mm ²	5 x 6 mm ²
Connection wires between I.U. and O.U.		no.	4	4	4
Rated absorbed current	Cooling	A	9.80	12.70	14.20
	Heating	A	8.90	11.60	14.00
Maximum current		A	23.00	25.00	25.00
Maximum absorbed power		kW	12.00	11.20	11.40
Refrigerant circuit					
Refrigerant (GWP) ⁴			R32 (675)	R32 (675)	R32 (675)
Quantity refrigerant pre-load		Kg	4.3	5.1	5.6
Tons of CO2 equivalent		t	2.903	3.443	3.780
Diameter of refrigerant piping on liquid/gas		mm (inches)	ø9.52 (3/8") - ø22.2 (7/8") ⁵	ø12.7 (1/2") - ø22.2 (7/8") ⁵	ø12.7 (1/2") - ø22.2 (7/8") ⁵
Max splitting length		m	70	70	60
Max height difference I.U./O.U.	O.U. over / O.U. under	m	50/15	50/15	50/15
Splitting length without additional load		m	30	30	30
Additional load		g/m		Consultare il manuale tecnico ⁵	
Specifications of indoor units					
Dimensions	LxDxH	mm	1600x893x379	1600x893x379	1600x893x379
Net weight		Kg	88	88	88
Sound pressure level	P-Hi/Hi/Mi/Lo	dB(A)	52/50/47/45	52/50/47/45	52/50/47/45
Sound power level	Max	dB(A)	78	78	78
Handled air volume	P-Hi/Hi/Mi/Lo	m ³ /h	4800 / 4320 / 3840 / 3360	4800 / 4320 / 3840 / 3360	4800 / 4320 / 3840 / 3360
Fan pressure head	Std/Max	Pa	72/200	72/200	72/200
Motor power	Output	W	130 + 350	130 + 350	130 + 350
Condensate drain pipe	ø internal	mm	25	25	25
Specifications of outdoor units					
Dimensions	LxDxH	mm	970x370x1505	970x370x1505	970x370x1505
Net weight		Kg	144	145	155
Sound pressure level	Max	dB(A)	59	62	63
Sound power level	Max	dB(A)	74	75	77
Handled air	Max	m ³ /h	8880	9180	8400
Motor power	Output	W x n°	86 x 2	86 x 2	86 x 2
Accessories					
Wired remote control			RC-E5 (LCD) / RC-EX3A (touch) / RC-EX23A (touch + control zone) / RCH-E3 (simplified)		
IR remote control (KIT)			RCN-KIT4-E2		
Optional parts					
Wi-Fi module			INWFIMH1001R000		
Human sensor (KIT)			LB-KIT2		
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. ⁵ The diameter of the pipes and the additional refrigerant charge change according to the split length. For details see the technical manual.

MONOSPLIT SUPER

Ceiling



OPTIONAL

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

FDE 100-125-140 VH

Indoor unit model			FDE 100 VH	FDE 100 VH	FDE 125 VH	FDE 125 VH	FDE 140 VH	FDE 140 VH
Outdoor unit model			FDC 100 VNA-W	FDC 100 VSA-W	FDC 125 VNA-W	FDC 125 VSA-W	FDC 140 VNA-W	FDC 140 VSA-W
Type			DC-Inverter heat pump					
Rated capacity (T=+35°C)	Cooling	kW	10.00 (4.00~11.20)			12.50 (5.00~14.00)		13.60 (5.00~14.50)
Rated absorbed power (T=+35°C)		kW	2.85			4.45		5.05
Rated energy efficiency coefficient		EER ³	3.51			2.81		2.69
Seasonal energy efficiency class		626/2011 ¹	A++			-		-
Seasonal energy efficiency index		SEER ²	6.67			6.03		5.76
Annual energy consumption		kWh/a	525			-		-
Theoretical load (Pdesignc)	Heating	kW	10.00			12.50		13.60
Rated capacity (T=+7°C)		kW	11.20 (4.00~12.50)			14.00 (4.00~16.00)		15.50 (4.00~16.50)
Rated absorbed power (T=+7°C)		kW	2.54			3.74		4.18
Rated energy performance coefficient		COP ³	4.41			3.74		3.71
Energy efficiency class (average season)		626/2011 ¹	A+			-		-
Energy efficiency index (average season)		SCOP ²	4.31			4.30		4.24
Annual energy consumption	kWh/a	2764			-		-	
Theoretical load (Pdesignh) @-10°C	kW	8.50			14.00		15.50	
Operating limits (outdoor temperature)	Cooling	°C	-15~+50					
	Heating	°C	-20~+20					
Electrical data								
Power	Outdoor unit	Ph-V-Hz	1-220~240V-50Hz	3-380~415V-50Hz	1-220~240V-50Hz	3-380~415V-50Hz	1-220~240V-50Hz	3-380~415V-50Hz
Power cable		Tipo	3 x 6 mm ²	5 x 4 mm ²	3 x 6 mm ²	5 x 4 mm ²	3 x 6 mm ²	5 x 4 mm ²
Connection wires between I.U. and O.U.		n°	4	4	4	4	4	4
Rated absorbed current	Cooling	A	13.80	4.60	20.40	6.90	22.20	7.80
	Heating	A	12.40	4.00	17.50	5.90	18.40	6.50
Maximum current		A	24.00	15.00	24.00	15.00	24.00	15.00
Maximum absorbed power		kW	6.40	10.20	6.40	10.20	6.40	10.20
Refrigerant circuit								
Refrigerant (GWP) ⁴			R32 (675)		R32 (675)		R32 (675)	
Quantity refrigerant pre-load		Kg	3.3		3.3		3.3	
Tons of CO2 equivalent		t	2.228		2.228		2.228	
Diameter of refrigerant piping on liquid/gas		mm (inches)	ø9.52 (3/8") - ø15.88(5/8")		ø9.52 (3/8") - ø15.88(5/8")		ø9.52 (3/8") - ø15.88(5/8")	
Max. splitting length		m	50		50		50	
Max height difference I.U./O.U.	O.U. over / O.U. under	m	50/15		50/15		50/15	
Splitting length without additional load		m	30		30		30	
Additional load		g/m	54		54		54	
Specifications of indoor units								
Dimensions	LxDxH	mm	1620x690x250		1620x690x250		1620x690x250	
Net weight		Kg	43		43		43	
Sound pressure level	P-Hi/Hi/Mi/Lo	dB(A)	48/43/38/34		48/45/40/35		49/45/40/36	
Sound power level	Max	dB(A)	64		64		65	
Handled air volume	P-Hi/Hi/Mi/Lo	m ³ /h	1920 / 1560 / 1260 / 990		1920 / 1740 / 1380 / 1020		2040 / 1740 / 1380 / 1080	
Motor power	Output	W	80		80		80	
Condensate drain pipe	ø internal	mm	20		20		20	
Specifications of outdoor units								
Dimensions	LxDxH	mm	970x370x845		970x370x845		970x370x845	
Net weight		Kg	77	78	77	78	77	78
Sound pressure level	Max	dB(A)	55		56		58	
Sound power level	Max	dB(A)	70		71		73	
Handled air volume	Max	m ³ /h	4500		4500		4500	
Motor power	Output	W	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			INWFIMHI001R000					
Human sensor (KIT)			LB-E					
SUPERLINK II interface			SC-ADNA-E					

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MONOSPLIT SUPER

Wall



- **339 mm**
Height
- **50 m**
Split length
- **27 dB(A)**
Sound power level, 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 100 ZR-W

Indoor unit model			SRK 100 ZR-W	SRK 100 ZR-W
Outdoor unit model			FDC 100 VNA-W	FDC 100 VSA-W
Type			DC-Inverter heat pump	
Control (included)			Remote control	
Rated capacity (T=+35°C)	Cooling	kW	10.00 (4.00~11.20)	
Rated absorbed power (T=+35°C)		kW	3.19	
Rated energy efficiency coefficient		EER ³	3.13	
Seasonal energy efficiency class		626/2011 ¹	A++	
Seasonal energy efficiency index		SEER ²	6.13	
Annual energy consumption		kWh/a	571	
Theoretical load (Pdesignc)		kW	10.00	
Rated capacity (T=+7°C)	Heating	kW	11.20 (4.00~12.50)	
Rated absorbed power (T=+7°C)		kW	3.04	
Rated energy performance coefficient		COP ³	3.68	
Energy efficiency class (average season)		626/2011 ¹	A+	
Energy efficiency index (average season)		SCOP ²	4.33	
Annual energy consumption		kWh/a	2746	
Theoretical load (Pdesignh) @-10°C		kW	8.50	
Operating limits (outdoor temperature)	Cooling	°C	-15~+50	
	Heating	°C	-20~+20	
Electrical data				
Power	Outdoor unit	Ph-V-Hz	1-220~240V-50Hz	3-380~415V-50Hz
Power cable		Type	3 x 6 mm ²	5 x 4 mm ²
Connection wires between I.U. and O.U.		no.	4	4
Rated absorbed current	Cooling	A	14.30	4.80
	Heating	A	13.60	4.60
Maximum current		A	24.00	15.00
Maximum absorbed power		kW	6.40	10.20
Refrigerant circuit				
Refrigerant (GWP) ⁴			R32 (675)	
Quantity refrigerant pre-load		Kg	3.3	
Tons of CO ₂ equivalent		t	2.228	
Diameter of refrigerant piping on liquid/gas		mm (inches)	ø9.52 (3/8") - ø15.88(5/8")	
Max splitting length		m	50	
Max height difference I.U./O.U.	O.U. over / O.U. under	m	50/15	
Splitting length without additional load		m	30	
Additional load		g/m	54	
Specifications of indoor units				
Dimensions	LxDxH	mm	1197x262x339	
Net weight		Kg	16.5	
Sound pressure level	Hi/Mi/Lo/U/Lo	dB(A)	48/45/40/27	
Sound power level	Max	dB(A)	63	
Handled air volume	Hi/Mi/Lo/U/Lo	m ³ /h	1470 / 1878 / 1056 / 624	
Motor power	Output	W	56	
Condensate drain pipe	ø internal	mm	16	
Specifications of outdoor units				
Dimensions	LxDxH	mm	970x370x845	
Net weight		Kg	77	78
Sound pressure level	Max	dB(A)	55	
Sound power level	Max	dB(A)	70	
Handled air volume	Max	m ³ /h	4500	
Motor power	Output	W	86	
Optional parts				
Wi-Fi module ⁵			AM-MHI-01	
Interface for home automation connection and wired control ⁶			SC-BIKN2-E	

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