

SERIE HYPER



Operation in heating mode with outside temperature limit of: -20°C

If the outdoor temperature decreases, the supplied power keeps constant

■ **4 capacities**

1-Phase 3HP= 7.10 kW
3-Phase 4~6HP=10.00~14.00 kW

- Minimum outdoor operating temperature
- Super Heat at start-up
- The supplied power is kept also as the outdoor temperature decreases
- **100 m**
Splitting distance
- Application of Twin Rotary compressors: reduction in size and increase in performance

VNX-W = 1-PHASE
VSX-W = 3-PHASE



FDC 71 VNX-W (3HP)



FDC100 VSX-W (4HP)
FDC125 VSX-W (5HP)
FDC140 VSX-W (6HP)

MONOSPLIT HYPER

CASSETTE 84X84

R32



FDT 71-100-125-140 VH
Standard white panel
T-PSA-5BW-E

FDT 71-100-125-140 VH
Anti-draft white panel
T-PSAE-5BW-E

FDT 71-100-125-140 VH
Standard black panel
T-PSA-5BB-E

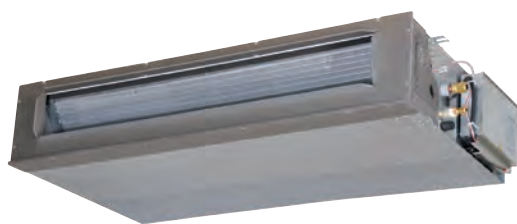
FDT 71-100-125-140 VH
Black anti-draft panel
T-PSAE-5BB-E

Indoor unit model		FDT 71 VH	FDT 100 VH	FDT 125 VH	FDT 140 VH	
Outdoor unit model		FDC 71 VNX-W	FDC 100 VSX-W	FDC 125 VSX-W	FDC 140 VSX-W	
Type		DC-Inverter heat pump				
Nominal data						
Rated capacity (T=+35°C)	Cooling	kW	7.10 (3.20~8.00)	10.00 (3.50~11.20)	12.50 (3.50~14.00)	14.00 (3.50~16.00)
		kW	1.69	2.28	3.21	3.87
		EER ¹	4.20	4.38	3.89	3.62
Rated capacity (T=+7°C)	Heating	kW	8.00 (3.60~9.00)	11.20 (2.70~16.00)	14.00 (2.70~18.00)	16.00 (2.70~20.00)
		kW	1.75	2.48	3.43	4.20
		COP ¹	4.58	4.52	4.08	3.81
Seasonal data						
Design load (Pdesigngc)	Cooling	kW	7.10	10.00	12.50	14.00
		SEER ²	7.60	8.00	7.64	7.20
		626/2011 ³	A++	A++	-	-
		kWh/y	327	438	-	-
Design load (Pdesigngh) @ -10°C	Heating (average climate conditions)	kW	5.80	11.20	14.00	16.00
		SCOP ²	4.61	4.44	4.26	4.14
		626/2011 ³	A++	A+	-	-
		kWh/y	1762	3534	-	-
Electrical data						
Power supply	Outdoor unit	Ph-V-Hz	1-220~240V-50Hz	3-380~415V-50Hz		
Power cable		Type	3 x 4 mm ²	5 x 4 mm ²	5 x 4 mm ²	5 x 4 mm ²
Connection wires between I.U. and O.U.		nb.	4	4	4	4
Nominal absorbed current	Cooling	A	7.50	3.90	5.20	6.20
	Heating	A	7.80	4.20	5.60	6.70
Maximum current		A	19.10	14.00	14.00	14.00
Max power input		kW	4.11	8.90	8.90	8.90
Refrigerant circuit data						
Refrigerant ⁴		Type (GWP)	R32 (675)			
Quantity of refrigerant pre-charge		Kg	2.75	4	4	4
Tons of CO2 equivalent		t	1.856	2.700	2.700	2.700
Diameter of refrigerant pipings 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")	ø9.52 (3/8") - ø15.88(5/8")
Splitting distance	Min/Max	m	3/50	3/100	3/100	3/100
Splitting level difference I.U./O.U.	O.U. above/O.U. below	m	30/15	50/15	50/15	50/15
Splitting distance without additional charge		m	30	30	30	30
Additional charge		g/m	54	54	54	54
Indoor unit specifications						
Dimensions	LxDxH	mm	840x840x236	840x840x298	840x840x298	840x840x298
Net weight		Kg	21	25	25	25
Sound power level	Max	dB(A)	60	62	64	64
Sound pressure level (P-Hi/Hi/Mi/Lo)	Cooling	dB(A)	46/34/31/26	47/39/36/30	48/41/39/31	48/42/39/32
	Heating	dB(A)		47/39/36/29	48/41/38/31	48/41/38/31
Volume of air treated	P-Hi/Hi/Me/Lo	m ³ /h	1680/1080/900/720	2220/1560/1380/1020	2280/1680/1500/1080	2280/1740/1560/1140
Outdoor unit specifications						
Dimensions	LxDxH	mm	880(+88)x340x750	970x370x1300	970x370x1300	970x370x1300
Net weight		Kg	60	99	99	99
Sound power level	Max	dB(A)	66	67	70	71
Sound pressure level	Max	dB(A)	51	53	54	54
Volume of air treated	Max	m ³ /h	3600	6000	6000	6000
Operating range (outdoor temperature)	Cooling	°C	-15~+50			
	Heating	°C	-20~+20			
Accessories						
Decorative panel			T-PSA-5BW-E (white) / T-PSA-5BB-E (black)			
Panel size	LxDxH	mm	950x950x35	950x950x35	950x950x35	950x950x35
Net weight		Kg	5	5	5	5
Wired 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						
Wi-Fi module	INWFIMH001R100					
Human sensor (corner KIT)	LB-T-5BW-E (white) / LB-T-5BB-E (black)					
SUPERLINK II interface	SC-ADNA-E					
Anti-draft panel	T-PSAE-5BW-E (white) / T-PSAE-5BB-E (black)					

1. Value measured according to the harmonised standard EN 14511. 2. EU Regulation No. 206/2012 - - Value measured according to the harmonised standard EN 14825. 3. Delegated Regulation (EU) No 626/2011 regarding the new energy labelling of air conditioners. 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 HYPER

DUCTED MEDIUM STATIC PRESSURE ADJUSTABLE



- **max 100**
Fan static pressure
- Unit with bottom or rear air intake (filter not included)
- **280 mm**
Height
- **100 m**
Splitting distance
- ESP function: automatic maintenance of the air flow as flow resistance varies
- Filter not included
- Compatible with **AIRZONE** systems

FDUM 71-100-125-140 VH

Indoor unit model		FDUM 71 VH	FDUM 100 VH	FDUM 125 VH	FDUM 140 VH	
Outdoor unit model		FDC 71 VNX-W	FDC 100 VSX-W	FDC 125 VSX-W	FDC 140 VSX-W	
Type		DC-Inverter heat pump				
Nominal data						
Rated capacity (T=+35°C)	Cooling	kW	7.10 (3.20~8.00)	10.00 (3.50~11.20)	12.50 (3.50~14.00)	14.00 (3.50~16.00)
		kW	1.77	2.59	3.49	4.22
		EER ¹	4.01	3.86	3.58	3.32
Rated capacity (T=+7°C)	Heating	kW	8.00 (3.60~9.00)	11.20 (2.70~16.00)	14.00 (2.70~18.00)	16.00 (2.70~20.00)
		kW	1.78	2.63	3.61	4.22
		COP ¹	4.49	4.26	3.88	3.79
Seasonal data						
Design load (Pdesignc)	Cooling	kW	7.10	10.00	12.50	14.00
		SEER ²	6.89	6.29	6.10	5.79
		626/2011 ³	A++	A++	-	-
		kWh/y	361	557	-	-
Design load (Pdesignh) @ -10°C	Heating (average climate conditions)	kW	6.00	11.20	14.00	16.00
		SCOP ²	4.45	4.13	3.92	3.88
		626/2011 ³	A+	A+	-	-
		kWh/y	1889	3800	-	-
Electrical data						
Power supply	Outdoor unit	Ph-V-Hz	1-220~240V-50Hz	3-380~415V-50Hz		
Power cable		Type	3 x 4 mm ²	5 x 4 mm ²	5 x 4 mm ²	5 x 4 mm ²
Connection wires between I.U. and O.U.		nb.	4	4	4	4
Nominal absorbed current	Cooling	A	7.90	4.40	5.60	6.70
	Heating	A	7.90	4.40	5.90	6.80
Maximum current		A	20.00	17.00	16.00	17.00
Max power input		kW	4.11	8.90	8.90	8.90
Refrigerant circuit data						
Refrigerant ⁴		Type (GWP)	R32 (675)			
Quantity of refrigerant pre-charge		Kg	2.75	4	4	4
Tons of CO ₂ equivalent		t	1.856	2.700	2.700	2.700
Diameter of refrigerant pipings 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")	ø9.52 (3/8") - ø15.88(5/8")
Splitting distance	Min/Max	m	3/50	3/100	3/100	3/100
	O.U. above/O.U. below	m	30/15	50/15	50/15	50/15
Splitting distance without additional charge		m	30	30	30	30
Additional charge		g/m	54	54	54	54
Indoor unit specifications						
Dimensions	LxDxH	mm	950x635x280	1370x740x280	1370x740x280	1370x740x280
Net weight		Kg	34	54	54	54
Sound power level	Max	dB(A)	65	65	67	70
Sound pressure level	P-Hi/Hi/Me/Lo	dB(A)	38/33/29/25	44/38/36/30	45/40/34/29	47/40/35/30
Volume of air treated	P-Hi/Hi/Me/Lo	m ³ /h	1440/1140/900/600	2160/1680/1500/1140	2340/1920/1560/1200	2880/2100/1680/1320
Fan static pressure	Std/Max	Pa	35/100	60/100	60/100	60/100
Outdoor unit specifications						
Dimensions	LxDxH	mm	880(+88)x340x750	970x370x1300	970x370x1300	970x370x1300
Net weight		Kg	60	99	99	99
Sound power level	Max	dB(A)	66	67	70	71
Sound pressure level	Max	dB(A)	51	53	54	54
Volume of air treated	Max	m ³ /h	3600	6000	6000	6000
Operating range (outdoor temperature)	Cooling	°C	-15~+50			
	Heating	°C	-20~+20			
Accessories						
Wired control		RC-E5 (LCD) / RC-EX3A (touch) / RC-EX23A (touch + zone control) / RCH-E3 (simplified)				
IR remote control (KIT)		RCN-KIT4-E2				
Optional parts						
Wi-Fi module		INWFIMH001R100				
Human sensor (KIT)		LB-KIT2				
SUPERLINK II interface		SC-ADNA-E				
Recovery filter (KIT)		UM-FL2EF		UM-FL3EF		

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MONOSPLIT HYPER

DUCTED HIGH STATIC PRESSURE ADJUSTABLE



FDU 71-100-125-140 VH

- **max 200**
Fan static pressure
- Unit with bottom or rear air intake (filter not included)
- **280 mm**
Height
- **100 m**
Splitting distance
- ESP function: automatic maintenance of the air flow as flow resistance varies
- Filter not included
- Compatible with **AIRZONE** systems

Indoor unit model	FDU 71 VH		FDU 100 VH		FDU 125 VH		FDU 140 VH	
Outdoor unit model	FDC 71 VNX-W		FDC 100 VSX-W		FDC 125 VSX-W		FDC 140 VSX-W	
Type	DC-Inverter heat pump							
Nominal data								
Rated capacity (T=+35°C)	Cooling	kW	7.10 (3.20~8.00)	10.00 (3.50~11.20)	12.50 (3.50~14.00)	14.00 (3.50~16.00)		
Rated power input (T=+35°C)		kW	1.77	2.59	3.49	4.22		
Rated energy efficiency coefficient		EER ¹	4.01	3.86	3.58	3.32		
Rated capacity (T=+7°C)	Heating	kW	8.00 (3.60~9.00)	11.20 (2.70~16.00)	14.00 (2.70~18.00)	16.00 (2.70~20.00)		
Rated power input (T=+7°C)		kW	1.78	2.63	3.61	4.22		
Rated energy performance coefficient		COP ¹	4.49	4.26	3.88	3.79		
Seasonal data								
Design load (Pdesignc)	Cooling	kW	7.10	10.00	12.50	14.00		
Seasonal energy efficiency index		SEER ²	6.89	6.29	6.10	5.79		
Seasonal energy efficiency class		626/2011 ³	A++	A++	-	-		
Annual energy consumption		kWh/y	361	557	-	-		
Design load (Pdesignh) @ -10°C	Heating (average climate conditions)	kW	6.00	11.20	14.00	16.00		
Seasonal energy efficiency index		SCOP ²	4.47	4.13	3.92	3.88		
Seasonal energy efficiency class		626/2011 ³	A+	A+	-	-		
Annual energy consumption		kWh/y	1878	3800	-	-		
Electrical data								
Power supply	Outdoor unit	Ph-V-Hz	1-220~240V-50Hz			3-380~415V-50Hz		
Power cable		Type	3 x 4 mm ²		5 x 4 mm ²		5 x 4 mm ²	
Connection wires between I.U. and O.U.		nb.	4		4		4	
Nominal absorbed current	Cooling	A	7.90		4.40		5.60	
	Heating	A	7.90		4.40		5.90	
Maximum current		A	20.00		15.00		16.00	
Max power input		kW	4.11		8.90		8.90	
Refrigerant circuit data								
Refrigerant ⁴		Type (GWP)	R32 (675)					
Quantity of refrigerant pre-charge		Kg	2.75		4		4	
Tons of CO2 equivalent		t	1.856		2.700		2.700	
Diameter of refrigerant pipings liquid/gas		mm (inches)	9.52 (3/8") - 15.88(5/8")		9.52 (3/8") - 15.88(5/8")		9.52 (3/8") - 15.88(5/8")	
Splitting distance	Min/Max	m	3/50		3/100		3/100	
Splitting level difference I.U./O.U.	O.U. above/O.U. below	m	30/15		50/15		50/15	
Splitting distance without additional charge		m	30		30		30	
Additional charge		g/m	54		54		54	
Indoor unit specifications								
Dimensions	LxDxH	mm	950x635x280		1370x740x280		1370x740x280	
Net weight		Kg	34		54		54	
Sound power level	Max	dB(A)	65		65		70	
Sound pressure level	P-Hi/Hi/Me/Lo	dB(A)	38/33/29/25		44/38/36/30		45/40/34/29	
Volume of air treated	P-Hi/Hi/Me/Lo	m ³ /h	1440/1140/900/600		2160/1680/1500/1140		2340/1920/1560/1200	
Fan static pressure	Std/Max	Pa	35/200		60/200		60/200	
Outdoor unit specifications								
Dimensions	LxDxH	mm	880(+88)x340x750		970x370x1300		970x370x1300	
Net weight		Kg	60		99		99	
Sound power level	Max	dB(A)	66		67		70	
Sound pressure level	Max	dB(A)	51		53		54	
Volume of air treated	Max	m ³ /h	3600		6000		6000	
Operating range (outdoor temperature)	Cooling	°C	-15~+50					
	Heating	°C	-20~+20					
Accessories								
Wired control	RC-E5 (LCD) / RC-EX3A (touch) / RC-EX23A (touch + zone control) / RCH-E3 (simplified)							
IR remote control (KIT)	RCN-KIT4-E2							
Optional parts								
Wi-Fi module	INWFIMH001R100							
Human sensor (KIT)	LB-KIT2							
SUPERLINK II interface	SC-ADNA-E							

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MONOSPLIT HYPER

CEILING



OPTIONAL

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

FDE 71-100-125-140 VH

Indoor unit model			FDE 71 VH	FDE 100 VH	FDE 125 VH	FDE 140 VH
Outdoor unit model			FDC 71 VNX-W	FDC 100 VSX-W	FDC 125 VSX-W	FDC 140 VSX-W
Type			DC-Inverter heat pump			
Nominal data						
Rated capacity (T=+35°C)	Cooling	kW	7.10 (3.20~8.00)	10.00 (3.50~11.20)	12.50 (3.50~14.00)	14.00 (3.50~16.00)
Rated power input (T=+35°C)		kW	1.87	2.33	3.34	4.08
Rated energy efficiency coefficient		EER ¹	3.80	4.29	3.75	3.43
Rated capacity (T=+7°C)	Heating	kW	8.00 (3.60~9.00)	11.20 (2.70~16.00)	14.00 (2.70~18.00)	16.00 (2.70~20.00)
Rated power input (T=+7°C)		kW	1.87	2.52	3.74	4.41
Rated energy performance coefficient		COP ¹	4.28	4.45	3.74	3.63
Seasonal data						
Design load (Pdesignc)	Cooling	kW	7.10	10.00	12.50	14.00
Seasonal energy efficiency index		SEER ²	6.58	7.00	6.53	6.29
Seasonal energy efficiency class		626/2011 ³	A++	A++	-	-
Annual energy consumption		kWh/y	378	501	-	-
Design load (Pdesignh) @ -10°C	Heating (average climate conditions)	kW	6.00	11.20	14.00	16.00
Seasonal energy efficiency index		SCOP ²	4.45	4.24	4.02	3.96
Seasonal energy efficiency class		626/2011 ³	A+	A+	-	-
Annual energy consumption		kWh/y	1889	3700	-	-
Electrical data						
Power supply	Outdoor unit	Ph-V-Hz	1-220~240V-50Hz		3-380~415V-50Hz	
Power cable		Type	3 x 4 mm ²	5 x 4 mm ²	5 x 4 mm ²	5 x 4 mm ²
Connection wires between I.U. and O.U.		nb.	4	4	4	4
Nominal absorbed current	Cooling	A	8.30	4.00	5.40	6.50
	Heating	A	8.30	4.20	6.10	7.20
Maximum current		A	19.10	14.00	14.00	14.00
Max power input		kW	4.11	8.90	8.90	8.90
Refrigerant circuit data						
Refrigerant ⁴		Type (GWP)	R32 (675)			
Quantity of refrigerant pre-charge		Kg	2.75	4	4	4
Tons of CO ₂ equivalent		t	1.856	2.700	2.700	2.700
Diameter of refrigerant pipings 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")	ø9.52 (3/8") - ø15.88(5/8")
Splitting distance	Min/Max	m	3/50	3/100	3/100	3/100
Splitting level difference I.U./O.U.	O.U. above/O.U. below	m	30/15	50/15	50/15	50/15
Splitting distance without additional charge		m	30	30	30	30
Additional charge		g/m	54	54	54	54
Indoor unit specifications						
Dimensions	LxDxH	mm	1320x690x210	1620x690x250	1620x690x250	1620x690x250
Net weight		Kg	33	43	43	43
Sound power level	Max	dB(A)	60	64	64	65
Sound pressure level	P-Hi/Hi/Me/Lo	dB(A)	47/41/37/32	48/43/38/34	48/45/40/35	49/45/40/36
Volume of air treated	P-Hi/Hi/Me/Lo	m ³ /h	1200/960/780/600	1920/1560/1260/990	1920/1740/1380/1020	2040/1740/1380/1080
Outdoor unit specifications						
Dimensions	LxDxH	mm	880(+88)x340x750	970x370x1300	970x370x1300	970x370x1300
Net weight		Kg	60	99	99	99
Sound power level	Max	dB(A)	66	67	70	71
Sound pressure level	Max	dB(A)	51	53	54	54
Volume of air treated	Max	m ³ /h	3600	6000	6000	6000
Operating range (outdoor temperature)	Cooling	°C	-15~+50			
	Heating	°C	-20~+20			
Accessories						
Wired control	RC-E5 (LCD) / RC-EX3A (touch) / RCH-E3 (simplified)					
IR remote control (KIT)	RCN-E-E3					
Optional parts						
Wi-Fi module	INWFIMH001R100					
Human sensor (KIT)	LB-E					
SUPERLINK II interface	SC-ADNA-E					

1. Value measured according to the harmonised standard EN 14511. 2. EU Regulation No. 206/2012 -- Value measured according to the harmonised standard EN 14825. 3. Delegated Regulation (EU) No 626/2011 regarding the new energy labelling of air conditioners. 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 HYPER

COLUMN



FD7 71-100-125-140 VH

- Ideal for restaurants, shops and offices applications, without false ceiling or high ceilings
- **100 m** Splitting distance
- Wide and powerful air flow
- Easy transport and installation
- The wired control has a alarm function in case of gas leakage. The gas sensor is on the base of the unit

Indoor unit model		FD7 71 VH	FD7 100 VH	FD7 125 VH	FD7 140 VH	
Outdoor unit model		FDC 71 VNX-W	FDC 100 VSX-W	FDC 125 VSX-W	FDC 140 VSX-W	
Type		DC-Inverter heat pump				
Control (included)		Wired control TOUCH with gas leak alarm				
Nominal data						
Rated capacity (T=+35°C)	Cooling	kW	7.10 (3.20~8.00)	10.00 (3.50~11.20)	12.50 (3.50~14.00)	14.00 (3.50~16.00)
Rated power input (T=+35°C)		kW	1.97	2.66	3.74	4.62
Rated energy efficiency coefficient		EER ¹	3.61	3.76	3.34	3.03
Rated capacity (T=+7°C)	Heating	kW	8.00 (3.60~9.00)	11.20 (2.70~16.00)	14.00 (2.70~18.00)	16.00 (2.70~20.00)
Rated power input (T=+7°C)		kW	2.21	2.95	3.88	4.70
Rated energy performance coefficient		COP ¹	3.62	3.80	3.61	3.41
Seasonal data						
Design load (Pdesignc)	Cooling	kW	7.10	10.00	12.50	14.00
Seasonal energy efficiency index		SEER ²	6.25	6.10	5.95	5.75
Seasonal energy efficiency class		626/2011 ³	A++	A++	-	-
Annual energy consumption		kWh/y	376	574	-	-
Design load (Pdesignh) @ -10°C	Heating (average climate conditions)	kW	6.00	11.20	14.00	16.00
Seasonal energy efficiency index		SCOP ²	4.03	3.84	3.78	3.65
Seasonal energy efficiency class		626/2011 ³	A+	A	-	-
Annual energy consumption		kWh/y	2085	4084	-	-
Electrical data						
Power supply	Outdoor unit	Ph-V-Hz	1-220~240V-50Hz	3-380~415V-50Hz		
Power cable		Type	3 x 4 mm ²	5 x 4 mm ²	5 x 4 mm ²	5 x 4 mm ²
Connection wires between I.U. and O.U.		nb.	4	4	4	4
Nominal absorbed current	Cooling	A	8.70	4.60	6.10	7.40
	Heating	A	9.90	5.00	6.40	7.70
Maximum current		A	19.10	14.00	14.00	14.00
Max power input		kW	4.11	8.90	8.90	8.90
Refrigerant circuit data						
Refrigerant ⁴	Type (GWP)	R32 (675)				
Quantity of refrigerant pre-charge	Kg	2.75	4	4	4	
Tons of CO ₂ equivalent	t	1.856	2.700	2.700	2.700	
Diameter of refrigerant pipings 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")	ø9.52 (3/8") - ø15.88(5/8")	
Splitting distance	Min/Max	m	-/50	3/100	3/100	
Splitting level difference I.U./O.U.	O.U. above/O.U. below	m	30/15	50/15	50/15	
Splitting distance without additional charge		m	30	30	30	
Additional charge	q/m		54	54	54	
Indoor unit specifications						
Dimensions	LxDxH	mm	600x329x1850	600x329x1850	600x329x1850	600x329x1850
Net weight		Kg	47	49	49	49
Sound power level	Max	dB(A)	55	65	67	67
Sound pressure level	P-Hi/Hi/Me/Lo	dB(A)	42/39/35/33	53/51/49/44	55/51/49/44	55/51/49/44
Volume of air treated	P-Hi/Hi/Me/Lo	m ³ /h	1080/960/840/720	1620/1560/1380/1140	1740/1560/1380/1140	1740/1560/1380/1140
Refrigerant gas leak detector			Integrated			
Outdoor unit specifications						
Dimensions	LxDxH	mm	880(+88)x340x750	970x370x1300	970x370x1300	970x370x1300
Net weight		Kg	60	99	99	99
Sound power level	Max	dB(A)	66	67	70	71
Sound pressure level	Max	dB(A)	51	53	54	54
Volume of air treated	Max	m ³ /h	3600	6000	6000	6000
Operating range (outdoor temperature)	Cooling	°C	-15~+50			
	Heating	°C	-20~+20			
Optional parts						
Wi-Fi module			INWFIMH001R100			
Human sensor (KIT)			LB-KIT2			
SUPERLINK II interface			SC-ADNA-E			
IR remote control (KIT)			RCN-KIT4-E2			

1. Value measured according to the harmonised standard EN 14511. 2. EU Regulation No. 206/2012 -- Value measured according to the harmonised standard EN 14825. 3. Delegated Regulation (EU) No 626/2011 regarding the new energy labelling of air conditioners. 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 HYPER

WALL



SRK 71-100 ZR-WF

- **339 mm**
Height
- **100 m**
Splitting distance
- **28 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

Indoor unit model			SRK 71 ZR-WF	SRK 100 ZR-WF
Outdoor unit model			FDC 71 VNX-W	FDC 100 VSX-W
Type			DC-Inverter heat pump	
Control (included)			Remote control	
Nominal data				
Rated capacity (T=+35°C)	Cooling	kW	7.10 (3.20~8.00)	10.00 (3.50~11.20)
Rated power input (T=+35°C)		kW	1.93	2.74
Rated energy efficiency coefficient		EER1	3.68	3.65
Rated capacity (T=+7°C)	Heating	kW	8.00 (3.60~9.00)	11.20 (2.70~16.00)
Rated power input (T=+7°C)		kW	1.78	3.04
Rated energy performance coefficient		COP1	4.49	3.69
Seasonal data				
Design load (Pdesignc)	Cooling	kW	7.10	10.00
Seasonal energy efficiency index		SEER2	6.80	6.54
Seasonal energy efficiency class		626/20113	A++	A++
Annual energy consumption		kWh/y	366	535
Design load (Pdesignh) @ -10°C	Heating (average climate conditions)	kW	5.80	10.50
Seasonal energy efficiency index		SCOP2	4.56	4.01
Seasonal energy efficiency class		626/20113	A+	A
Annual energy consumption		kWh/y	1782	3671
Electrical data				
Power supply	Outdoor unit	Ph-V-Hz	1-220~240V-50Hz	3-380~415V-50Hz
Power cable		Type	3 x 4 mm ²	5 x 4 mm ²
Connection wires between I.U. and O.U.		nb.	4	4
Nominal absorbed current	Cooling	A	8.60	4.70
	Heating	A	7.90	5.10
Maximum current		A	19.10	14.00
Max power input		kW	4.11	8.90
Refrigerant circuit data				
Refrigerant ⁴	Type (GWP)	R32 (675)		
Quantity of refrigerant pre-charge	Kg	2.75	4	
Tons of CO2 equivalent	t	1.856	2.700	
Diameter of refrigerant pipings liquid/gas	mm (inches)	ø9.52 (3/8") - ø15.88(5/8")		ø9.52 (3/8") - ø15.88(5/8")
Splitting distance	Min/Max	m	3/50	3/100
Max splitting level difference I.U./O.U.	O.U. above/O.U. below	m	30/15	50/15
Splitting distance without additional charge		m	30	30
Additional charge		g/m	54	54
Indoor unit specifications				
Dimensions	LxDxH	mm	1197x262x339	1197x262x339
Net weight		kg	15.5	16.5
Sound power level	Max	dB(A)	60	63
Sound pressure level (Hi/Mi/Lo/ULo)	Cooling	dB(A)	44/41/37/25	48/45/40/27
	Heating	dB(A)	46/39/35/28	48/43/38/30
Volume of air treated (Hi/Mi/Lo/ULo)	Cooling	m ³ /h	1230/1116/972/624	1470/1278/1056/624
	Heating	m ³ /h	1500/1188/1038/798	1650/1392/1146/816
Outdoor unit specifications				
Dimensions	LxDxH	mm	880(+88)x340x750	970x370x1300
Net weight		kg	60	99
Sound power level	Max	dB(A)	66	67
Sound pressure level	Max	dB(A)	51	53
Volume of air treated	Max	m ³ /h	3600	6000
Operating range (outdoor temperature)	Cooling	°C	-15~+50	
	Heating	°C	-20~+20	
Optional parts				
Wi-Fi module			Integrated	
Interface for home automation and wired control connection ⁵			SC-BIKN2-E	

1. Value measured according to the harmonised standard EN 14511. 2. EU Regulation No. 206/2012 -- Value measured according to the harmonised standard EN 14825. 3. Delegated Regulation (EU) No 626/2011 regarding the new energy labelling of air conditioners. 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. Home automation and optional protocols with dedicated interfaces: KNX, Modbus, BACnet.