R32

HYPER SERIES

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

If the outdoor temperature decreases, the supplied power keeps constant

- **4 power levels**
  1 Single-phase 3HP= 7.10 kW
  3 Three-phase 4~6HP=10.0~14.0 kW
- Minimum outdoor operating temperature
- Super Heat at start-up
- The supplied power is kept also as the outdoor temperature decreases
- **100 m**
  Split length.
- Application of Twin Rotary compressors: reduction in size and increase in performance

FDC 71 VNX-W (3HP)

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

VNX-W = SINGLE-PHASE
VSX-W = THREE-PHASE

MONOSPLIT HYPER

Cassette 84x84

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

OPTIONAL

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

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

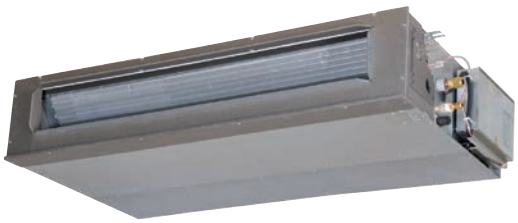
Indoor unit model			FDT 71 VH	FDT 100 VH	FDT 125 VH	FDT 140 VH
Outdoor unit model			FDC 71 VNX-W	FDC 100 VSX-W	FDC 125 VSX-W	FDC 140 VSX-W
Type			DC-Inverter heat pump			
Nominal data						
Rated capacity (T=+35°C)	Cooling	kW	7.10 (3.20~8.00)	10.00 (3.50~11.20)	12.50 (3.50~14.00)	14.00 (3.50~16.00)
Rated absorbed power (T=+35°C)		kW	1.69	2.28	3.21	3.87
Rated energy efficiency coefficient		EER[1]	4.20	4.38	3.89	2.84
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 absorbed power (T=+7°C)		kW	1.75	2.48	3.43	4.20
Rated energy performance coefficient		COP[1]	4.58	4.52	4.08	3.71
Seasonal data						
Theoretical load (Pdesignc)	Cooling	kW	7.10	10.00	12.50	14.00
Seasonal energy efficiency index		SEER[2]	7.60	8.00	7.64	7.20
Seasonal energy efficiency class		626/2011[3]	A++	A++	-	-
Annual energy consumption		kWh/a	327	438	-	-
Theoretical load (Pdesignh) @-10°C	Heating (average climate conditions)	kW	5.80	11.20	14.00	16.00
Seasonal energy efficiency index		SCOP[2]	4.61	4.44	4.26	4.14
Seasonal energy efficiency class		626/2011[3]	A++	A+	-	-
Annual energy consumption		kWh/a	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.		no.	4	4	4	4
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
Maximum absorbed power		kW	4.11	8.90	8.90	8.90
Refrigerant circuit						
Refrigerant[4]		Type (GWP)	R32 (675)			
Quantity refrigerant pre-load		Kg	2.75	4	4	4
Tons of CO2 equivalent		t	1.856	2.700	2.700	2.700
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")	ø9.52 (3/8") - ø15.88(5/8")
Max splitting length	Min/Max	m	3/50	3/100	3/100	3/100
Max height difference I.U./O.U.	O.U. above/O.U. under	m	30/15	50/15	50/15	50/15
Split length without additional charge		m	30	30	30	30
Additional load		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			47/39/36/29	48/41/38/31	48/41/38/31
Treated air volume	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
Treated air volume	Max	m^3/h	3600	6000	6000	6000
Operating limits (outside temperature)	Cooling	°C	-15~+50			
	Heating	°C	-20~+20			
Accessories						
Standard panel			T-PSA-5BW-E (white) / T-PSA-5BB-E (black)			
Dimensions	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						
Wi-Fi module			INWFIMHI001R000			
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.

MITSUBISHI HEAVY INDUSTRIES

MONOSPLIT HYPER

Ducted with medium adjustable head



OPTIONAL

FDUM 71-100-125-140 VH

- **max 100**
  Fan pressure head
- Unit with bottom or rear air intake (filter not included)
- **280 mm**
  Height
- **100 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 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)
Rated absorbed power (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 absorbed power (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						
Theoretical 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/a	361	557	-	-
Theoretical 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	4.13	3.92	3.88
Seasonal energy efficiency class		626/2011[3]	A+	A+	-	-
Annual energy consumption		kWh/a	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 mm²	5 x 4 mm²	5 x 4 mm²	5 x 4 mm²
Connection wires between I.U. and O.U.		n°	4	4	4	4
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
Maximum absorbed power		kW	4.11	8.90	8.90	8.90
Refrigerant circuit						
Refrigerant[4]		Type (GWP)	R32 (675)			
Quantity refrigerant pre-load		Kg	2.75	4	4	4
Tons of CO2 equivalent		t	1.856	2.700	2.700	2.700
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")	ø9.52 (3/8") - ø15.88(5/8")
Max splitting length	Min/Max	m	3/50	3/100	3/100	3/100
Max height difference I.U./O.U.	O.U. above/O.U. under	m	30/15	50/15	50/15	50/15
Split length without additional charge		m	30	30	30	30
Additional load		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
Treated air volume	P-Hi/Hi/Me/Lo	m³/h	1440/1140/900/600	2160/1680/1500/1140	2340/1920/1560/1200	2880/2100/1680/1320
Fan pressure head	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
Treated air volume	Max	m³/h	3600	6000	6000	6000
Operating limits (outside temperature)	Cooling	°C	-15~+50			
	Heating	°C	-20~+20			
Accessories						
Wired remote control			RC-E5 (LCD) / RC-EX3A (touch) / RC-EXZ3A (touch + zone control) / 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			
Recovery filter (KIT)			UM-FL2EF	UM-FL3EF		

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MONOSPLIT HYPER

Ducted with high adjustable head

R32

FDU 71-100-125-140 VH

OPTIONAL

- **max 200** Fan pressure head
- Unit with bottom or rear air intake (filter not included)
- **280 mm** Height
- **100 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 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 absorbed power (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 absorbed power (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						
Theoretical 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/a	361	557	-	-
Theoretical 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/a	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	5 x 4 mm^2
Connection wires between I.U. and O.U.		n°	4	4	4	4
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	15.00	16.00	17.00
Maximum absorbed power		kW	4.11	8.90	8.90	8.90
Refrigerant circuit						
Refrigerant[4]		Type (GWP)	R32 (675)			
Quantity refrigerant pre-load		Kg	2.75	4	4	4
Tons of CO2 equivalent		t	1.856	2.700	2.700	2.700
Diameter of refrigerant piping on 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")	9.52 (3/8") - 15.88(5/8")
Max splitting length	Min/Max	m	3/50	3/100	3/100	3/100
Max height difference I.U./O.U.	O.U. above/O.U. under	m	30/15	50/15	50/15	50/15
Split length without additional charge		m	30	30	30	30
Additional load		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
Treated air volume	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 pressure head	Std/Max	Pa	35/200	60/200	60/200	60/200
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
Treated air volume	Max	m^3/h	3600	6000	6000	6000
Operating limits (outside temperature)	Cooling	°C	-15~+50			
	Heating	°C	-20~+20			
Accessories						
Wired remote control			RC-E5 (LCD) / RC-EX3A (touch) / RC-EXZ3A (touch + zone control) / 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			

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.

MITSUBISHI HEAVY INDUSTRIES

MONOSPLIT HYPER

Ceiling

R32

OPTIONAL

- Ideal for very large environments, thanks to the particularly wide air flow
- **100 m**
  Split length
- 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 absorbed power (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 absorbed power (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						
Theoretical 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/a	378	501	-	-
Theoretical 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/a	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 mm2	5 x 4 mm2	5 x 4 mm2	5 x 4 mm2
Connection wires between I.U. and O.U.		no.	4	4	4	4
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
Maximum absorbed power		kW	4.11	8.90	8.90	8.90
Refrigerant circuit						
Refrigerant[4]		Type (GWP)	R32 (675)			
Quantity refrigerant pre-load		Kg	2.75	4	4	4
Tons of CO2 equivalent		t	1.856	2.700	2.700	2.700
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")	ø9.52 (3/8") - ø15.88(5/8")
Max splitting length	Min/Max	m	3/50	3/100	3/100	3/100
Max height difference I.U./O.U.	O.U. above/O.U. under	m	30/15	50/15	50/15	50/15
Split length without additional charge		m	30	30	30	30
Additional load		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
Treated air volume	P-Hi/Hi/Me/Lo	m3/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
Treated air volume	Max	m3/h	3600	6000	6000	6000
Operating limits (outside temperature)	Cooling	°C	-15~+50			
	Heating	°C	-20~+20			
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			

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

NEW R32

FDF 71-100-125-140 VH

OPTIONAL

- Ideal for restaurants, shops and officies applications, without false ceiling or high ceilings
- **100 m**
  Split length
- Wide and powerful air flow
- Ease 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			FDF 71 VH	FDF 100 VH	FDF 125 VH	FDF 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 absorbed power (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 absorbed power (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						
Theoretical 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/a	376	574	-	-
Theoretical 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/a	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 mm2	5 x 4 mm2	5 x 4 mm2	5 x 4 mm2
Connection wires between I.U. and O.U.		no.	4	4	4	4
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
Maximum absorbed power		kW	4.11	8.90	8.90	8.90
Refrigerant circuit						
Refrigerant[4]		Type (GWP)	R32 (675)			
Quantity refrigerant pre-load		Kg	2.75	4	4	4
Tons of CO2 equivalent		t	1.856	2.700	2.700	2.700
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")	ø9.52 (3/8") - ø15.88(5/8")
Max splitting length	Min/Max	m	-/50	3/100	3/100	3/100
Max height difference I.U./O.U.	O.U. above/O.U. under	m	30/15	50/15	50/15	50/15
Split length without additional charge		m	30	30	30	30
Additional load		g/m	54	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
Treated air volume	P-Hi/Hi/Me/Lo	m3/h	1080/960/840/720	1620/1560/1380/1140	1740/1560/1380/1140	1740/1560/1380/1140
Refrigerant gas leak detector			Included			
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
Treated air volume	Max	m3/h	3600	6000	6000	6000
Operating limits (outside temperature)	Cooling	°C	-15~+50			
	Heating	°C	-20~+20			
Optional parts						
Wi-Fi module			INWFIMHI001R000			
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.

MITSUBISHI HEAVY INDUSTRIES

MONOSPLIT HYPER

Wall

SRK 71-100 ZR-WF

INCLUDED

- **339 mm**
  Height
- **100 m**
  Split length
- **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 absorbed power (T=+35°C)		kW	1.93	2.74
Rated energy efficiency coefficient		EER[1]	3.68	3.65
Rated capacity (T=+7°C)	Heating	kW	8.00 (3.60~9.00)	11.20 (2.70~16.00)
Rated absorbed power (T=+7°C)		kW	1.78	3.04
Rated energy performance coefficient		COP[1]	4.49	3.69
Seasonal data				
Theoretical load (Pdesignc)	Cooling	kW	7.10	10.00
Seasonal energy efficiency index		SEER[2]	6.80	6.54
Seasonal energy efficiency class		626/2011[3]	A++	A++
Annual energy consumption		kWh/a	366	535
Theoretical load (Pdesignh) @-10°C	Heating (average climate conditions)	kW	5.80	10.50
Seasonal energy efficiency index		SCOP[2]	4.56	4.01
Seasonal energy efficiency class		626/2011[3]	A+	A
Annual energy consumption		kWh/a	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.		no.	4	4
Absorbed current	Cooling	A	8.60	4.70
	Heating	A	7.90	5.10
Maximum current		A	19.10	14.00
Maximum absorbed power		kW	4.11	8.90
Refrigerant circuit				
Refrigerant[4]		Type (GWP)	R32 (675)	
Quantity refrigerant pre-load		Kg	2.75	4
Tons of CO2 equivalent		t	1.856	2.700
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")
Max splitting length	Min/Max	m	3/50	3/100
Max height difference I.U./O.U.	O.U. above/O.U. under	m	30/15	50/15
Split length without additional charge		m	30	30
Additional load		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		46/39/35/28	48/43/38/30
Treated 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
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
Treated air volume	Max	m^3/h	3600	6000
Operating limits (outside temperature)	Cooling	°C	-15~+50	
	Heating	°C	-20~+20	
Optional parts				
Wi-Fi module			Included	
Interface for home automation connection and wired control[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.