MONOSPLIT HYPER

CASSETTE 84X84 R32

OPTIONAL

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)
Rated power input (T=+35°C)		kW	1.69	2.28	3.21	3.87
Rated energy efficiency coefficient		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)
Rated power input (T=+7°C)		kW	1.75	2.48	3.43	4.20
Rated energy performance coefficient		COP[1]	4.58	4.52	4.08	3.81
Seasonal data						
Design 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/y	327	438	-	-
Design load (Pdesignh) @ -10°C	Heating (average climate conditions)	kW	5.80	11.20	14.00	15.50
Seasonal performance coefficient		SCOP[2]	4.61	4.44	4.26	4.14
Seasonal energy efficiency (ηs)		%	181.40	174.60	167.40	162.60
Seasonal energy efficiency class		626/2011[3]	A++	A+	-	-
Annual energy consumption		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 mm²	5 x 4 mm²	5 x 4 mm²	5 x 4 mm²
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			47/39/36/29	48/41/38/31	48/41/38/31
Volume of air treated	P-Hi/Hi/Me/Lo	m³/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	m³/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			INWFIMHI001R100			
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 - N. 2281/2016 - 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.

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