

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

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					INWFIMHIO01R000					
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.