

MONOSPLIT SMART

CASSETTE 84X84 R32



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

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

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

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

Indoor unit model		FDT 71 VH		FDT 100 VH		FDT 100 VH		FDT 125 VH	
Outdoor unit model		FDC 71 VNP-W		FDC 90 VNP-W		FDC 100 VNP-W		FDC 125 VNP-W	
Type		DC-Inverter heat pump							
Nominal data									
Rated capacity (T=+35°C)	Cooling	kW	7.10 (1.50~7.30)	9.00 (2.10~9.50)	10.00 (2.10~10.20)	12.10 (5.00~12.10)			
Rated power input (T=+35°C)		kW	2.31	2.48	2.84	3.69			
Rated energy efficiency coefficient		EER ¹	3.07	3.63	3.52	3.28			
Rated capacity (T=+7°C)	Heating	kW	7.10 (1.10~7.30)	9.00 (1.70~9.50)	10.00 (1.70~10.40)	12.10 (4.00~13.30)			
Rated power input (T=+7°C)		kW	1.73	1.90	2.33	3.20			
Rated energy performance coefficient		COP ¹	4.10	4.74	4.29	3.78			
Seasonal data									
Design load (Pdesigngc)	Cooling	kW	7.10	9.00	10.00	12.10			
Seasonal energy efficiency index		SEER ²	6.34	7.10	7.08	6.30			
Seasonal energy efficiency class		626/2011 ³	A++	A++	A++	-			
Annual energy consumption		kWh/y	393	444	495	-			
Design load (Pdesigngh) @ -10°C	Heating (average climate conditions)	kW	5.70	6.00	6.40	12.10			
Seasonal energy efficiency index		SCOP ²	4.38	4.56	4.53	4.19			
Seasonal energy efficiency class		626/2011 ³	A+	A+	A+	-			
Annual energy consumption		kWh/y	1822	1842	1977	-			
Electrical data									
Power supply	Outdoor unit	Ph-V-Hz	1-220~240V-50Hz						
Power cable		Type	3 x 4 mm ²	3 x 4 mm ²	3 x 4 mm ²	3 x 4 mm ²			
Connection wires between I.U. and O.U.		nb.	4	4	4	4			
Nominal absorbed current	Cooling	A	10.20	11.00	12.10	15.50			
	Heating	A	7.80	8.40	9.90	13.50			
Maximum current		A	15.80	19.00	19.00	18.00			
Max power input		kW	3.58	4.46	4.46	4.75			
Refrigerant circuit data									
Refrigerant ⁴		Type (GWP)	R32 (675)						
Quantity of refrigerant pre-charge		Kg	1.3	1.7	1.7	2.25			
Tons of CO2 equivalent		t	0.878	1.148	1.148	1.519			
Diameter of refrigerant pipings liquid/gas		mm (inches)	ø6.35 (1/4") - ø12.7 (1/2")	ø6.35 (1/4") - ø15.88 (5/8")	ø6.35 (1/4") - ø15.88 (5/8")	ø9.52 (3/8") - ø15.88 (5/8")			
Splitting distance		m	30	30	30	30			
Splitting level difference I.U./O.U.		m	20	20	20	20			
Splitting distance without additional charge		m	15	15	15	15			
Additional charge		g/m	20	20	20	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	62	64			
Sound pressure level	P-Hi/Hi/Me/Lo	dB(A)	46/34/31/26	47/39/36/30	47/39/36/30	48/41/39/31			
Volume of air treated	P-Hi/Hi/Me/Lo	m ³ /h	1680/1080/900/720	2220/1560/1380/1020	2220/1560/1380/1020	2280/1680/1500/1080			
Outdoor unit specifications									
Dimensions	LxDxH	mm	800(+71)x290x640	800(+71)x340x750	880(+88)x340x750	970x370x845			
Net weight		Kg	45	57	57	73			
Sound power level	Max	dB(A)	67	67	68	73			
Sound pressure level	Max	dB(A)	54	55	56	57			
Volume of air treated	Max	m ³ /h	2520	3540	3780	4740			
Operating range (outdoor temperature)	Cooling	°C					-15~+46		
	Heating	°C					-15~+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-ES (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	INWFIMH1001R100								
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.