

MONOSPLIT SUPER

CASSETTE 84X84 R32



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

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

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

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

Indoor unit model		FDT 100 VH	FDT 100 VH	FDT 125 VH	FDT 125 VH	FDT 140 VH	FDT 140 VH	
Outdoor unit model		FDC 100 VNA-W	FDC 100 VSA-W	FDC 125 VNA-W	FDC 125 VSA-W	FDC 140 VNA-W	FDC 140 VSA-W	
Type		DC-Inverter heat pump						
Nominal data								
Rated capacity (T=+35°C)	Cooling	kW	10.00 (4.00~11.20)		12.50 (5.00~14.00)		13.60 (5.00~14.50)	
		kW	2.73		4.05		4.79	
		EER ¹	3.66		3.09		2.84	
Rated capacity (T=+7°C)	Heating	kW	11.20 (4.00~12.50)		14.00 (4.00~16.00)		15.50 (4.00~16.50)	
		kW	2.54		3.59		4.18	
		COP ¹	4.41		3.90		3.71	
Seasonal data								
Design load (Pdesignc)	Cooling	kW	10.00		12.50		13.60	
Seasonal energy efficiency index		SEER ²	7.13		6.53		6.17	
Seasonal energy efficiency class		626/20113	A++		-		-	
Annual energy consumption		kWh/y	491		-		-	
Design load (Pdesignh) @ -10°C	Heating (average climate conditions)	kW	8.50		9.80		10.50	
Seasonal performance coefficient		SCOP ²	4.60		4.38		4.42	
Seasonal energy efficiency (ηs)		%	181.00		172.20		173.80	
Seasonal energy efficiency class		626/20113	A++		-		-	
Annual energy consumption		kWh/y	2590		-		-	
Electrical data								
Power supply	Outdoor unit	Ph-V-Hz	1-220~240V-50Hz	3-380~415V-50Hz	1-220~240V-50Hz	3-380~415V-50Hz	1-220~240V-50Hz	3-380~415V-50Hz
Power cable		Type	3 x 6 mm ²	5 x 4 mm ²	3 x 6 mm ²	5 x 4 mm ²	3 x 6 mm ²	5 x 4 mm ²
Connection wires between I.U. and O.U.		nb.	4		4		4	
Nominal absorbed current	Cooling	A	13.20	4.20	18.70	6.20	21.50	7.40
	Heating	A	12.40	3.90	16.80	5.50	18.50	6.60
Maximum current		A	24.00	15.00	24.00	15.00	24.00	15.00
Max power input		kW	6.40		10.20		6.40	
Refrigerant circuit data								
Refrigerant ⁴		Type (GWP)	R32 (675)					
Quantity of refrigerant pre-charge		Kg	3.3		3.3		3.3	
Tons of CO ₂ equivalent		t	2.228		2.228		2.228	
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")	
Splitting distance	Min/Max	m	50		50		50	
Splitting level difference I.U./O.U.	O.U. above/O.U. below	m	50/15		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	840x840x298		840x840x298		840x840x298	
Net weight		Kg	25		25		25	
Sound power level	Max	dB(A)	62		64		64	
Sound pressure level (P-Hi/Hi/Mi/Lo)	Cooling	dB(A)	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	2220/1560/1380/1020		2280/1680/1500/1080		2280/1740/1560/1140	
Outdoor unit specifications								
Dimensions	LxDxH	mm	970x370x845		970x370x845		970x370x845	
Net weight		Kg	77	78	77	78	77	78
Sound power level	Max	dB(A)	70		71		73	
Sound pressure level	Max	dB(A)	55		56		58	
Volume of air treated	Max	m ³ /h	4500		4500		4500	
Operating range (outdoor temperature)	Cooling	°C	-15~+50		-15~+50		-15~+50	
	Heating	°C	-20~+20		-20~+20		-20~+20	
Accessories								
Decorative panel				T-PSA-5BW-E (white) / T-PSA-5BB-E (black)				
Panel size	LxDxH	mm	950x950x35		950x950x35		950x950x35	
Net weight		Kg	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	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 - 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.