MONOSPLIT SMART

Ceiling





FDE 71-100-125 VH

- Ideal for very large environments, thanks to the particularly wide air flow
- 30 m Split length
- Versatile installation thanks to drain pipe and refrigerant flexibility
- Polypropylene filter included

FLEXIBLE PIPE ORIENTATION

Maximum flexibility: the refrigerant piping can be attached in 3 different positions (rear, top, right), as can that of the condensate drain (left, right).

Type	Indoor unit model			FDE 71 VH	FDE 100 VH	FDE 100 VH	FDE 125 VH
Nominal data Select classify F-35°C Coding SW 2.10 (1.50-7.30) \$0.00 (2.10-9.50) \$1.00 (2.10-10.20) \$1.210 (5.00-12.10) \$1.00 (2.10-10.20) \$1.210 (5.00-12.10) \$1.00 (2.10-10.20) \$1.00 (2.10-10.	Outdoor unit model			FDC 71 VNP-W	FDC 90 VNP-W	FDC 100 VNP-W	FDC 125 VNP-W
Pasted candard (T = 15°C) Cooling W	Туре			DC-Inverter heat pump			
Select abstractle grower (in = +35°C) Cooling NW 2-41 2.38 3.00 3.38	Nominal data						
Rated recognificancy coefficients of perfect (F1-PT)	Rated capacity (T=+35°C)		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 recognificancy coefficients of perfect (F1-PT)	Rated absorbed power (T=+35°C)	Cooling	kW		2.38	3.00	3.88
Search capability Text			EER1	2.95	3.78	3.33	3.12
Rear all subset planes (1-e-YC) Rear and (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 energy performance coefficients GoP 3.62 4.52 4.74 3.30		Heating	kW			2.36	
Second class Seco							
Mary				3.02	1.52		3.50
Seconal energy efficiency class Cooling SERP 6.44 6.78 6.63 5.88				7 10	9.00	10.00	12 10
Seasonal energy (Edicinicy class County College							
Annual energy consumption May 386 465 529		Cooling					
Healing Garden Healing Garden Healing Garden Healing Garden Healing Garden Garde							
Neamage Neam							
A		Heating					
Annual energy consumption Notified 1849 1920 1984		(average climate					
Description Control of the Ph-V-lz		conditions)					
Prover sulply			kwn/a	1849	1920	1984	-
Power cable			81 1/ 11		4 222 2	1011 5011	
Connection wires between I.U. and O.U.							
Absorbed current Cooling A 10.90 10.60 12.20 16.30							
Assorated current Heating A 8.80 8.80 10.10 13.90 Maximum current A 15.80 19.00 19.00 18.00 Maximum absorbed power WW 3.58 4.46 4.46 4.46 4.75 Maximum absorbed power WW 3.58 4.46 4.46 4.46 4.75 Maximum absorbed power WW 3.58 4.46 4.46 4.46 4.75 Maximum absorbed power WW 3.58 4.46 4.46 4.45 4.75 Maximum absorbed power WW WW 3.58 4.46 4.46 4.45 4.75 Maximum absorbed power WW WW WW WW WW WW WW	Connection wires between I.U. and O.U.						
Heating A 8.80 8.80 10.10 13.90 13.90 Maximum current A 15.80 19.00 19.00 19.00 18.00 18.00 18.00 19.00 19.00 18.00 19.00 19.00 18.00 19.00 18.00 19.00 19.00 18.00 19.00 19.00 18.00 19.00 19.00 18.00 19.00 19.00 18.00 19.00 19.00 18.00 19.00 19.00 18.00 19.00 19.00 18.00 19.00 19.00 19.00 18.00 18.00 19.00 19.00 19.00 18.00 18.00 19.00 19.00 19.00 18.00 18.00 19.00 19.00 19.00 18.00 18.00 19.00 19.00 18.00 18.00 18.00 19.00 19.00 18.00 19	Absorbed current						
Maximum absorbed power kW 3.58 4.46 4.46 4,75 Refrigerant circuit Refrigerant circuit R32 (675) Cuantity refrigerant pre-load Kg 1.3 1.7 1.7 1.7 2.25 Outroit of Civic equivalent t 0.878 1.148 1.148 1.519 Diameter of refrigerant piping on liquid/gas mm (inches) 66.35(1/47) - e12.7(1/2") 66.35 (1/47) - e15.88 (5/8") 66.35 (1/47) - e15.88 (5/8		Heating					
Refrigerant circuit Refri	Maximum current						
Type (GWP) R32 (675)			kW	3.58	4.46	4.46	4.75
Quantity refrigerant pre-load	Refrigerant circuit						
Tors of CQ equivalent	Refrigerant ⁴		Type (GWP)	R32 (675)			
Tors of CQ equivalent	Quantity refrigerant pre-load		Kg	1.3	1.7	1.7	2.25
Max splitting length m 30 30 30 30 Max helpft difference IJI/O.U. m 20 20 20 20 Split length without additional charge m 15 15 15 15 Additional load g/m 20 20 20 20 54 Indoor unit specifications Immoor unit specifications Immoor unit specifications Immoor unit specifications Immoor unit specifications 1620x690x250 48 43 43 43 43 43 43 43 43 43 43 443 43 43 50 50 50 50 60 64 64 64 64 64 64 64 64 64 64 64 64 64 64 64 64 64 64 64 62 50 50 50	Tons of CO2 equivalent		t	0.878	1.148	1.148	1.519
Max height difference I.U./O.U. m 20 20 20 20 Split length without additional charge m 15 15 15 15 15 15 15 Additional charge Additional charge 20 20 20 54 Indoor unit specifications Lobal mm 1320x690x210 1620x690x250 46 46 46 46 48 48			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")
Split length without additional charge			m	30	30	30	30
Split length without additional charge	Max height difference I.U./O.U.			20	20	20	20
Additional load			m		15	15	15
Dimensions						20	
Dimensions			9,	20			31
Net weight		LxDxH	mm	1320x690x210	1620x690x250	1620x690x250	1620x690x250
Sound power level Max dB(A) 60 64 64 64 64		DADATI					
P_Hi/Hi/Me/Lo		May			1.0		
Treated air volume P-Hi/Hi/Me/Lo m³/h 1200/960/780/600 1920/1560/1260/990 1920/1560/1260/990 1920/1740/1380/1020 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 Treated air volume Max m³/h 2520 3540 3780 4740 Operating limits (outside temperature) Max m³/h 2520 3540 3780 4740 Accessories Wired remote control (KIT) RC-E5 (LCD) / RC-EX3A (touch) / RCH-E3 (simplified) RR remote control (KIT) RC-E-E3 Optional parts Wi-Fi module INWFIMHI001R000 INWFIMHI001R000 Human sensor (KIT) LB-E INWFIMHI001R000							
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 Treated air volume Max m3/h 2520 3540 3780 4740 Operating limits (outside temperature) Max m3/h 2520 3540 3780 4740 Accessories							
Dimensions		1 -111/111/IVIC/LU	1112/11	1200/700/700/000	1920/1300/1200/990	1920/1300/1200/990	1720/1740/1300/1020
Net weight		LvDvH	mm	900/ ± 71\v200v640	900/ + 71\v240v750	000/ + 00\v240v750	070v270v045
Max dB(A) 67 67 68 73		LXUXП					
Max d8(A) 54 55 56 57 Treated air volume		Mari					
Treated air volume							
Operating limits (outside temperature) Cooling Heating °C -15~+46 Accessories Wired remote control (KIT) RC-E5 (LCD) / RC-EX3A (touch) / RCH-E3 (simplified) Remote control (KIT) RCN-E-E3 Optional parts INWFIMHI001R000 Human sensor (KIT) LB-E							
Uperating limits (outside temperature) Heating C -15~+20 Accessories Wired remote control IR remote control (KIT) Optional parts Wi-Fi module Human sensor (KIT) LB-E				2520			4/40
Heating *C							
Wired remote control RC-E5 (LCD) / RC-EX3A (touch) / RCH-E3 (simplified) IR remote control (KIT) RCN-E-E3 Optional parts INWFIMHI001R000 Human sensor (KIT) LB-E	1 3	Heating)°(15~+20			
IR remote control (KIT) RCN-E-E3 Optional parts INWFIMHI001R000 Human sensor (KIT) LB-E	Accessories						
Optional parts Wi-Fi module INWFIMHI001R000 Human sensor (KIT) LB-E	Wired remote control						
Wi-Fi module INWFIMH001R000 Human sensor (KIT) LB-E	IR remote control (KIT)				RCN-	-E-E3	
Wi-Fi module INWFIMH001R000 Human sensor (KIT) LB-E	Optional parts						
Human sensor (KIT) LB-E	Wi-Fi module						
	Human sensor (KIT)						
	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 reparding 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.

