

MULTISPLIT SUPER

Twin / Triple / Double Twin combinations



Indoor unit model		2 x FDT 50VH	2 x FDC 50VH	2 x FDUM 50VH	2 x FDE 50VH							
Outdoor unit model		FDC100VN(S)A										
Rated Capacity (T=35°C)	Cooling	kW	10.00	10.00	10.00	10.00						
Rated absorbed power (T=35°C)		kW	2.82	3.48	3.25	3.12						
Annual energy consumption		kWh/a	508	640	573	613						
Seasonal energy efficiency class		6.26/2011 ¹	A++	A	A	A+						
Seasonal energy efficiency index		SEER ₂	6.89	5.48	5.50	5.71						
Rated energy efficiency coefficient	Heating	EER ₃	3.55	2.87	3.08	3.21						
Theoretical load (Pdesign)		kW	10.00	10.00	10.00	10.00						
Rated Capacity (T=7°C)		kW	11.20	11.20	11.20	11.20						
Rated absorbed power (T=7°C)		kW	2.90	3.37	3.21	2.99						
Annual energy consumption		kWh/a	2662	3029	2843	2904						
Seasonal energy efficiency class (average season)	6.26/2011 ¹	A+	A	A	A+							
Seasonal energy efficiency class index (average season)	SCOP ₂	4.47	3.93	3.94	4.10							
Rated energy efficiency coefficient	Indoor	COP ₃	3.86	3.32	3.49	3.75						
Theoretical load (Pdesign)		kW	8.50	8.50	8.50	8.50						
Sound power level	Outdoor	dB(A)	54	60	60	60						
Sound power level		dB(A)	70	70	70	70						
Acc. Cooling circuit	DIS-WA1											
Controls	RC-ES / RCH-E3											
Indoor unit model		2 x FDT 60VH	2 x FDC 60VH	2 x FDUM 60VH	2 x FDE 60VH							
Outdoor unit model		FDC125VN(S)A										
Rated Capacity (T=35°C)	Cooling	kW	12.50	12.50	12.50	12.50						
Rated absorbed power (T=35°C)		kW	3.79	5.47	4.53	4.16						
Rated energy efficiency coefficient		EER ₃	3.30	2.29	2.76	3.00						
Rated Capacity (T=7°C)	Heating	kW	14.00	14.00	14.00	14.00						
Rated absorbed power (T=7°C)		kW	3.31	4.55	3.75	3.54						
Rated energy efficiency coefficient		COP ₃	4.23	3.08	3.73	3.95						
Acc. Cooling circuit	DIS-WA1											
Controls	RC-ES / RCH-E3											
Indoor unit model		2 x FDT 71VH	2 x FDUM 71VH	2 x FDE 71VH	2 x FDF 71VD1	3 x FDT 50VH	3 x FDC 50VH	3 x FDUM 50VH	3 x FDE 50VH			
Outdoor unit model		FDC140VN(S)A		FDC140VN(S)A								
Rated Capacity (T=35°C)	Cooling	kW	13.60	13.60	13.60	13.60	13.60	13.60	13.60			
Rated absorbed power (T=35°C)		kW	4.22	5.02	4.74	5.15	4.22	5.45	5.02	4.74		
Rated energy efficiency coefficient		EER ₃	3.22	2.71	2.87	2.64	3.22	2.50	2.71	2.87		
Rated Capacity (T=7°C)	Heating	kW	15.50	15.50	16.00	15.50	15.50	15.50	15.50	15.50		
Rated absorbed power (T=7°C)		kW	3.29	4.20	4.21	4.35	3.29	4.64	4.20	4.21		
Rated energy efficiency coefficient		COP ₃	4.71	3.69	3.68	3.56	4.71	3.34	3.69	3.68		
Acc. Cooling circuit	DIS-WA1		DIS-WA1		DIS-WA1		DIS-TA1					
Controls	RC-ES / RCH-E3		RC-ES / RCH-E3		Built-in		RC-ES / RCH-E3					
Indoor unit model		2 x FDT 100VH	2 x FDUM 100VH	2 x FDE 100VH	2 x FDF 100VD2	3 x FDT 71VH	3 x FDUM 71VH	3 x FDE 71VH	4 x FDT 50VH	4 x FDC 50VH	4 x FDE 50VH	
Outdoor unit model		FDC200VSA		FDC200VSA			FDC200VSA					
Rated Capacity (T=35°C)	Cooling	kW	19.00	19.00	19.00	19.00	19.00	19.00	19.00	19.00	19.00	
Rated absorbed power (T=35°C)		kW	6.25	6.51	6.34	6.74	6.01	6.46	6.33	6.90	6.95	6.90
Rated energy efficiency coefficient		EER ₃	3.04	2.92	3.00	2.82	3.16	2.94	3.00	2.71	2.73	2.71
Rated Capacity (T=7°C)	Heating	kW	22.40	22.40	22.40	22.40	22.40	22.40	22.40	22.40	22.40	
Rated absorbed power (T=7°C)		kW	6.02	6.04	6.10	6.42	5.76	6.15	5.94	7.10	6.98	7.10
Rated energy efficiency coefficient		COP ₃	3.72	3.71	3.67	3.49	3.89	3.64	3.77	3.15	3.21	3.15
Acc. Cooling circuit	DIS-WB1		DIS-WB1		DIS-WB1		DIS-TB1		DIS-TB1			
Controls	RC-ES / RCH-E3		RC-ES / RCH-E3		Built-in		RC-ES / RCH-E3		RC-ES / RCH-E3			
Indoor unit model		2 x FDT 125VH	2 x FDUM 125VH	2 x FDE 125VH	2 x FDF 125VD	4 x FDT 60VH	4 x FDC 60VH	4 x FDE 60VH				
Outdoor unit model		FDC250VSA		FDC250VSA			FDC250VSA					
Rated Capacity (T=35°C)	Cooling	kW	24.00	24.00	24.00	24.00	24.00	24.00	24.00			
Rated absorbed power (T=35°C)		kW	8.36	8.33	8.52	9.15	8.00	11.10	8.00			
Rated energy efficiency coefficient		EER ₃	2.87	2.88	2.82	2.62	3.00	2.16	3.00			
Rated Capacity (T=7°C)	Heating	kW	27.00	27.00	27.00	27.00	27.00	27.00	27.00			
Rated absorbed power (T=7°C)		kW	7.15	7.52	7.54	8.49	7.02	9.66	7.02			
Rated energy efficiency coefficient		COP ₃	3.78	3.59	3.58	3.18	3.85	2.80	3.85			
Acc. Cooling circuit	DIS-WB1		DIS-WB1		DIS-WB1		DIS-TB1					
Controls	RC-ES / RCH-E3		RC-ES / RCH-E3		Built-in		RC-ES / RCH-E3					

BRANCH PIPE KIT

DIS-WA1	DIS-WB1	DIS-TA1	DIS-TB1
Gas side	Gas side	Gas side	Gas side
Liquid side	Liquid side	Liquid side	Liquid side
Reducer	Reducer	Reducer	Reducer

1 EU Delegated Regulation No.626/2011 on the new labelling indicating the energy consumption of air conditioners. 2 EU Regulation No.206/2012. Value measured according to harmonised standard EN14825. 3 Value measured according to harmonised standard EN14511. 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 2088. If 1 kg of this refrigerant fluid were released into the atmosphere, therefore, the impact on global warming would be 2088 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.