

MULTISPLIT HYPER

Twin / Triple combinations



Indoor unit model			2 x FDT 50VH	2 x FDT 60VH	2 x FDT 71VH	2 x FDT 50VH	2 x FDT 60VH	2 x FDT 71VH	2 x FDT 50VH	2 x FDT 60VH	2 x FDT 71VH	2 x FDT 50VH	2 x FDT 60VH	2 x FDT 71VH	2 x FDT 50VH	2 x FDT 60VH	2 x FDT 71VH	2 x FDT 50VH	2 x FDT 60VH	2 x FDT 71VH	
Outdoor unit model			FDC100VSX																		
Rated Capacity (T=35°C)	Cooling	kW	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	
Rated absorbed power (T=35°C)		kW	2.56	3.18	2.66	3.00	2.66	3.00	2.66	3.00	2.66	3.00	2.66	3.00	2.66	3.00	2.66	3.00	2.66	3.00	
Annual energy consumption		kWh/a	592	674	685	638	574	626/2011 ¹	A+	A	A	A	A	A	A	A	A	A	A	A	A
Seasonal energy efficiency class	Cooling	SEER ²	5.92	5.19	5.19	5.53	6.11	EER ³	3.91	3.14	3.76	3.33	3.76	3.33	3.76	3.33	3.76	3.33	3.76	3.33	
Rated energy efficiency coefficient		EEER ³	3.91	3.14	3.76	3.33	3.76	3.91	3.14	3.76	3.33	3.76	3.91	3.14	3.76	3.33	3.76	3.91	3.14	3.76	
Theoretical load (Pdesignc)		kW	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	
Rated Capacity (T=7°C)	Heating	kW	11.20	11.20	11.20	11.20	11.20	11.20	11.20	11.20	11.20	11.20	11.20	11.20	11.20	11.20	11.20	11.20	11.20	11.20	
Rated absorbed power (T=7°C)		kW	2.67	3.20	3.02	3.39	2.60	626/2011 ¹	A+	A	A	A/A	A+	A+	A+	A+	A+	A+	A+	A+	
Annual energy consumption		kWh/a	3774	3695	3614	3840	3504	SCOP ²	4.16	3.86	3.87	3.94	4.16	3.86	3.87	3.94	4.16	3.86	3.87	3.94	
Seasonal energy efficiency class (average season)	Heating	COP ²	4.16	3.86	3.87	3.94	4.16	COP ³	4.19	3.50	3.71	3.30	4.31	3.50	3.71	3.30	4.31	3.50	3.71	3.30	
Rated energy efficiency coefficient		SCOP ²	4.16	3.86	3.87	3.94	4.16	4.19	3.50	3.71	3.30	4.31	3.50	3.71	3.30	4.31	3.50	3.71	3.30	4.31	
Theoretical load (Pdesignh)		kW	11.20	10.20	10.00	10.80	10.40	Sound power level	Indoor	dB(A)	54	60	60	60	60	60	60	60	60	60	
Sound power level	Outdoor	dB(A)	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70		
Acc. Cooling circuit			DIS-WA1	DIS-WA1	DIS-WA1	DIS-WA1	DIS-WA1	DIS-WA1	DIS-WA1	DIS-WA1	DIS-WA1	DIS-WA1	DIS-WA1	DIS-WA1	DIS-WA1	DIS-WA1	DIS-WA1	DIS-WA1	DIS-WA1	DIS-WA1	
Controls			1 x RC-E5 / RCH-E3																		
Interface			2 x SC-BIKN2-E																		
Indoor unit model			FDC125VSX																		
Rated Capacity (T=35°C)	Cooling	kW	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50	
Rated absorbed power (T=35°C)		kW	3.26	4.10	3.26	3.97	3.60	EER ³	3.83	3.05	3.83	3.15	3.47	3.83	3.05	3.83	3.15	3.47	3.83	3.05	
Rated energy efficiency coefficient		EEER ³	3.83	3.05	3.83	3.15	3.47	3.83	3.05	3.83	3.15	3.47	3.83	3.05	3.83	3.15	3.47	3.83	3.05	3.83	
Rated Capacity (T=7°C)	Heating	kW	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	
Rated absorbed power (T=7°C)		kW	3.22	4.10	3.66	3.70	3.48	COP ³	4.35	3.41	3.83	3.78	4.02	4.35	3.41	3.83	3.78	4.02	4.35	3.41	
Rated energy efficiency coefficient		COP ³	4.35	3.41	3.83	3.78	4.02	4.35	3.41	3.83	3.78	4.02	4.35	3.41	3.83	3.78	4.02	4.35	3.41	3.83	
Acc. Cooling circuit			DIS-WA1	DIS-WA1	DIS-WA1	DIS-WA1	DIS-WA1	DIS-WA1	DIS-WA1	DIS-WA1	DIS-WA1	DIS-WA1	DIS-WA1	DIS-WA1	DIS-WA1	DIS-WA1	DIS-WA1	DIS-WA1	DIS-WA1	DIS-WA1	
Controls			1 x RC-E5 / RCH-E3																		
Interface			2 x SC-BIKN2-E																		
Indoor unit model			FDC140VSX																		
Rated Capacity (T=35°C)	Cooling	kW	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	
Rated absorbed power (T=35°C)		kW	3.88	4.36	4.67	4.83	4.34	4.34	4.34	4.21	4.66	3.98	3.88	4.36	4.67	4.83	4.34	4.34	4.34	4.21	4.66
Rated energy efficiency coefficient		EEER ³	3.61	3.21	3.00	2.90	3.23	3.23	3.33	3.00	3.52	3.61	3.61	3.61	3.61	3.61	3.61	3.61	3.61	3.61	3.61
Rated Capacity (T=7°C)	Heating	kW	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	
Rated absorbed power (T=7°C)		kW	3.74	4.35	4.58	4.97	4.34	4.34	4.69	4.53	3.68	3.74	3.74	3.74	3.74	3.74	3.74	3.74	3.74	3.74	
Rated energy efficiency coefficient		COP ³	4.28	3.68	3.49	3.22	3.69	3.69	3.41	3.53	4.35	4.28	4.28	4.28	4.28	4.28	4.28	4.28	4.28	4.28	
Acc. Cooling circuit			DIS-WA1	DIS-WA1	DIS-WA1	DIS-WA1	DIS-WA1	DIS-WA1	DIS-WA1	DIS-WA1	DIS-WA1	DIS-WA1	DIS-WA1	DIS-WA1	DIS-WA1	DIS-WA1	DIS-WA1	DIS-WA1	DIS-WA1	DIS-WA1	
Controls			1 x RC-E5 / RCH-E3																		
Interface			3 x SC-BIKN2-E																		

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.