

# MULTISPLIT SUPER

## V MULTI combinations



<b>Indoor unit model</b>			<b>FDE/FDT 50VH</b>			
<b>Outdoor unit model</b>			<b>FDC100VN(S)A</b>			
<b>Combination</b>			<b>50+50</b>			
Rated Capacity (T=35°C)	Cooling	kW	10.00			
Rated absorbed power (T=35°C)		kW	3.12			
Annual energy consumption		kWh/a	508			
Seasonal energy efficiency class		626/2011 <sup>1</sup>	A++			
Seasonal energy efficiency index		SEER <sup>2</sup>	6.89			
Rated energy efficiency coefficient		EER <sup>3</sup>	3.21			
Theoretical load (Pdesignc)		kW	10.00			
Rated Capacity (T=7°C)	Heating	kW	11.20			
Rated absorbed power (T=7°C)		kW	3.49			
Annual energy consumption		kWh/a	2662			
Seasonal energy efficiency class (average season)		626/2011 <sup>1</sup>	A+			
Seasonal energy efficiency class index (average season)		SCOP <sup>2</sup>	4.47			
Rated energy efficiency coefficient		COP <sup>3</sup>	3.21			
Theoretical load (Pdesignh)		kW	8.50			
Sound power level	Indoor	dB(A)	60			
Sound power level	Outdoor	dB(A)	70			
Acc. Cooling circuit			DIS-WA1			
Controls			RC-ES / RCH-E3			
<b>Indoor unit model</b>			<b>FDE/FDT 60VH</b>	<b>FDE/FDT 50+71VH</b>		
<b>Outdoor unit model</b>			<b>FDC125VN(S)A</b>			
<b>Combination</b>			<b>60+60</b>	<b>50+71</b>		
Rated Capacity (T=35°C)	Cooling	kW	12.50	12.50		
Rated absorbed power (T=35°C)		kW	4.07	4.04		
Rated energy efficiency coefficient		EER <sup>3</sup>	3.07	3.09		
Rated Capacity (T=7°C)	Heating	kW	14.00	14.00		
Rated absorbed power (T=7°C)		kW	3.79	3.76		
Rated energy efficiency coefficient		COP <sup>3</sup>	3.69	3.72		
Acc. Cooling circuit			DIS-WA1	DIS-WA1		
Controls			RC-ES / RCH-E3	RC-ES / RCH-E3		
<b>Indoor unit model</b>			<b>FDE/FDT 71VH</b>	<b>FDE/FDT 50VH</b>		
<b>Outdoor unit model</b>			<b>FDC140VN(S)A</b>	<b>FDC140VN(S)A</b>		
<b>Combination</b>			<b>71+71</b>	<b>50+50+50</b>		
Rated Capacity (T=35°C)	Cooling	kW	13.60	13.60		
Rated absorbed power (T=35°C)		kW	4.89	4.83		
Rated energy efficiency coefficient		EER <sup>3</sup>	2.78	2.81		
Rated Capacity (T=7°C)	Heating	kW	15.50	15.50		
Rated absorbed power (T=7°C)		kW	4.48	4.42		
Rated energy efficiency coefficient		COP <sup>3</sup>	3.46	3.51		
Acc. Cooling circuit			DIS-WA1	DIS-TA1		
Controls			RC-ES / RCH-E3	RC-ES / RCH-E3		
<b>Indoor unit model</b>			<b>FDE/FDT 100VH</b>	<b>FDE/FDT 71+125VH</b>	<b>FDE/FDT 71VH</b>	<b>FDE/FDT 50VH</b>
<b>Outdoor unit model</b>			<b>FDC200VSA</b>			<b>FDC200VSA</b>
<b>Combination</b>			<b>100+100</b>	<b>71+125</b>	<b>71+71+71</b>	<b>50+50+50+50</b>
Rated Capacity (T=35°C)	Cooling	kW	19.00	19.00	19.00	19.00
Rated absorbed power (T=35°C)		kW	7.31	7.26	7.29	7.25
Rated energy efficiency coefficient		EER <sup>3</sup>	2.60	2.62	2.61	2.62
Rated Capacity (T=7°C)	Heating	kW	22.40	22.40	22.40	22.40
Rated absorbed power (T=7°C)		kW	7.28	7.23	7.26	7.22
Rated energy efficiency coefficient		COP <sup>3</sup>	3.08	3.10	3.09	3.10
Acc. Cooling circuit			DIS-WB1	DIS-WB1	DIS-TB1	2x DIS-WA1
Controls			RC-ES / RCH-E3	RC-ES / RCH-E3	RC-ES / RCH-E3	1x DIS-WB1
<b>Indoor unit model</b>			<b>FDE/FDT 125VH</b>	<b>FDE/FDT 60+60+125VH</b>	<b>FDE/FDT 71+71+100VH</b>	<b>FDE/FDT 60VH</b>
<b>Outdoor unit model</b>			<b>FDC250VSA</b>	<b>FDC250VSA</b>		<b>FDC250VSA</b>
<b>Combination</b>			<b>125+125</b>	<b>60+60+125</b>	<b>71+71+100</b>	<b>60+60+60+60</b>
Rated Capacity (T=35°C)	Cooling	kW	24.00	24.00	24.00	24.00
Rated absorbed power (T=35°C)		kW	8.51	8.51	8.51	8.52
Rated energy efficiency coefficient		EER <sup>3</sup>	2.82	2.82	2.82	2.82
Rated Capacity (T=7°C)	Heating	kW	27.00	27.00	27.00	27.00
Rated absorbed power (T=7°C)		kW	7.32	7.71	7.71	7.74
Rated energy efficiency coefficient		COP <sup>3</sup>	3.69	3.50	3.50	3.49
Acc. Cooling circuit			DIS-WB1	DIS-TB1	DIS-TB1	2x DIS-WA1
Controls			RC-ES / RCH-E3	RC-ES / RCH-E3	RC-ES / RCH-E3	1x DIS-WB1

### 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	

<sup>1</sup> EU Delegated Regulation No.626/2011 on the new labelling indicating the energy consumption of air conditioners. <sup>2</sup> EU Regulation No.206/2012. Value measured according to harmonised standard EN14825. <sup>3</sup> 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 CO<sub>2</sub> 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.