

# Commercial Multisplit Full DC Inverter - SUPER

## V MULTI COMBINATIONS



			<b>50+50</b>				
FDC 100VS	Capacity (T=35°C)	Cooling	kW	10.00			
	Power Input (T=+35°C Q)	Cooling	kW	3.12			
	Annual Consumption	Cooling	kWh/a	679/683			
	Energy Efficiency Class Seasonal	Cooling	626/2011 <sup>1</sup>	A/A			
	Energy Efficiency Class Seasonal Index	Cooling	SEER <sup>2</sup>	5.16/5.13			
	Coefficient of Energy Efficiency Rated	Cooling	EER <sup>3</sup>	3.21			
	Design load (Pdesignc)	Cooling	kW	10.00			
	Capacity (T=7°C Q)	Heating	kW	11.20			
	Power Input (T=7°C Q)	Heating	kW	3.49			
	Annual Consumption	Heating	kWh/a	2868/2872			
FDC 100WN	Energy Efficiency Class Seasonal (average season)	Heating	626/2011 <sup>1</sup>	A/A			
	Energy Efficiency Class Seasonal Index (average season)	Heating	SCOP <sup>2</sup>	3.81/3.80			
	Coefficient of Energy Efficiency Rated	Heating	COP <sup>3</sup>	3.21			
	Design load (Pdesignh)	Heating	kW	7.80			
	Power sound level	Indoor	dB(A)	60			
	Power sound level	Outdoor	dB(A)	70			
	Branch Piping set			DIS-WA1			
	Controls			RC-E5 / RCH-E3			
			<b>60+60</b>	<b>50+71</b>			
FDC 125VS	Capacity (T=35°C)	Cooling	kW	12.50	12.50		
	Power Input (T=+35°C Q)	Cooling	kW	4.07	4.04		
	Coefficient of Energy Efficiency Rated	Cooling	EER <sup>3</sup>	3.07	3.09		
	Capacity (T=7°C Q)	Heating	kW	14.00	14.00		
FDC 125WN	Power Input (T=7°C Q)	Heating	kW	3.79	3.76		
	Coefficient of Energy Efficiency Rated	Heating	COP <sup>3</sup>	3.69	3.72		
	Branch Piping set			DIS-WA1	DIS-WA1		
	Controls			RC-E5 / RCH-E3	RC-E5 / RCH-E3		
			<b>71+71</b>		<b>50+50+50</b>		
FDC 140VS	Capacity (T=35°C)	Cooling	kW	14.00	14.00		
	Power Input (T=+35°C Q)	Cooling	kW	4.67	4.66		
	Coefficient of Energy Efficiency Rated	Cooling	EER <sup>3</sup>	2.99	3.00		
	Capacity (T=7°C Q)	Heating	kW	16.00	16.00		
FDC 140WN	Power Input (T=7°C Q)	Heating	kW	4.56	4.55		
	Coefficient of Energy Efficiency Rated	Heating	COP <sup>3</sup>	3.51	3.52		
	Branch Piping set			DIS-WA1	DIS-TA1		
	Controls			RC-E5 / RCH-E3	RC-E5 / RCH-E3		
			<b>100+100</b>	<b>71+125</b>	<b>71+71+71</b>	<b>50+50+50+50</b>	
FDC 200SA	Capacity (T=35°C)	Cooling	kW	19.00	19.00	19.00	
	Power Input (T=+35°C Q)	Cooling	kW	7.31	7.26	7.29	
	Coefficient of Energy Efficiency Rated	Cooling	EER <sup>3</sup>	2.60	2.62	2.61	
	Capacity (T=7°C Q)	Heating	kW	22.40	22.40	22.40	
	Power Input (T=7°C Q)	Heating	kW	7.28	7.23	7.26	
	Coefficient of Energy Efficiency Rated	Heating	COP <sup>3</sup>	3.08	3.10	3.09	
	Branch Piping set			DIS-WB1	DIS-WB1	DIS-TB1	2x DIS-WA1
	Controls			RC-E5 / RCH-E3	RC-E5 / RCH-E3	RC-E5 / RCH-E3	1x DIS-WB1
			<b>125+125</b>		<b>60+60+125</b>	<b>71+71+100</b>	<b>60+60+60+60</b>
FDC 250SA	Capacity (T=35°C)	Cooling	kW	24.00	24.00	24.00	
	Power Input (T=+35°C Q)	Cooling	kW	8.51	8.51	8.51	
	Coefficient of Energy Efficiency Rated	Cooling	EER <sup>3</sup>	2.82	2.82	2.82	
	Capacity (T=7°C Q)	Heating	kW	27.00	27.00	27.00	
	Power Input (T=7°C Q)	Heating	kW	7.32	7.71	7.74	
	Coefficient of Energy Efficiency Rated	Heating	COP <sup>3</sup>	3.69	3.50	3.50	
	Branch Piping set			DIS-WB1	DIS-TB1	DIS-TB1	2x DIS-WA1
	Controls			RC-E5 / RCH-E3	RC-E5 / RCH-E3	RC-E5 / 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	

1 Commission Delegated Regulation EU No. 626/2011 with regard to energy labelling indicating the energy consumption of air conditioners.

2 Commission Delegated Regulation EU No. 206/2012. Value measured according to harmonized rule EN14825.

3 Value measured according to harmonized rule EN14511.

Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP, if leaked to the atmosphere. This appliance contains a refrigerant fluid with a GWP of 2088. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact of global warming would be 2088 times higher than 1 kg of CO<sub>2</sub> over a period of 100 years. Never try to interfere with the refrigerant circuit yourself and never try to disassemble the product: always ask a professional. Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute

