

Commercial Multisplit - SUPER Series

TWIN/TRIPLE/DOUBLE TWIN COMBINATIONS



				50+50	50+50	50+50	50+50	50+50										
FDC 100VS	Capacity (T=35°C)	Cooling	kW	10.00	10.00	10.00	10.00	10.00										
	Power Input (T=+35°C)	Cooling	kW	2.94	3.25	2.84	3.12	2.72										
	Annual Consumption	Cooling	kWh/a	595/599	678/682	728/732	679/683	642/646										
	Energy Efficiency Class Seasonal	Cooling		A++/A+	A/A	B/B	A/A	A/A										
	Energy Efficiency Class Seasonal Index	Cooling	SEER2	5.89/5.85	5.17/5.13	4.81/4.78	5.16/5.13	5.46/5.42										
	Coefficient of Energy Efficiency Rated	Cooling	EER3	3.40	3.08	3.52	3.21	3.68										
	Design load (Pdesignc)	Cooling	kW	10.00	10.00	10.00	10.00	10.00										
	Capacity (T=7°C)	Heating	kW	11.20	11.20	11.20	11.20	11.20										
	Power Input (T=7°C)	Heating	kW	3.09	3.26	3.25	3.49	2.86										
	Annual Consumption	Heating	kWh/a	3488/3492	3424/3428	3413/3416	2868/2872	2869/2872										
FDC 100WN	Energy Efficiency Class Seasonal (average season)	Heating		A/A	A/A	A/A	A/A	A++/A+										
	Energy Efficiency Class Seasonal Index (average season)	Heating	SCOP2	3.81/81	3.84/3.84	3.82/3.81	3.81/3.80	4/4										
	Coefficient of Energy Efficiency Rated	Heating	COP3	3.62	3.44	3.45	3.21	3.92										
	Design load (Pdesignh)	Heating	kW	9.50	9.40	9.30	7.80	8.20										
	Power sound level	Indoor	dB(A)	55	60	60	60	60										
	Power sound level	Outdoor	dB(A)	70	70	70	70	70										
	Branch Piping set	DIS-WA1																
	Controls	RC-E5 / RCH-E3						1xRC-E5 / RCH-E3										
	Interface							2xSC-BKNH-E										
				60+60	60+60	60+60	60+60	60+60										
FDC 125VS	Capacity (T=35°C)	Cooling	kW	12.50	12.50	12.50	12.50	12.50										
	Power Input (T=+35°C)	Cooling	kW	3.95	5.35	4.47	4.16	4.25										
	Coefficient of Energy Efficiency Rated	Cooling	EER3	3.16	2.34	2.80	3.00	2.94										
	Capacity (T=7°C)	Heating	kW	14.00	14.00	14.00	14.00	14.00										
	Power Input (T=7°C)	Heating	kW	3.70	4.62	4.07	3.80	4.29										
	Coefficient of Energy Efficiency Rated	Heating	COP3	3.78	3.03	3.44	3.68	3.26										
	Branch Piping set	DIS-WA1																
	Controls	RC-E5 / RCH-E3						1xRC-E5 / RCH-E3										
	Interface							2xSC-BKNH-E										
				71+71		71+71	71+71											
FDC 140VS	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			
	Power Input (T=+35°C)	Cooling	kW	4.51		4.78	4.87		5.16	4.65	4.64	4.65	4.88	4.53				
	Coefficient of Energy Efficiency Rated	Cooling	EER3	3.10		2.93	2.87		2.71	3.01	3.02	3.01	2.87	3.09				
	Capacity (T=7°C)	Heating	kW	16.00		16.00	16.00		16.00	16.00	16.00	16.00	16.00	16.00				
	Power Input (T=7°C)	Heating	kW	4.58		4.60	4.59		5.01	4.63	4.52	5.15	4.57	4.05				
	Coefficient of Energy Efficiency Rated	Heating	COP3	3.49		3.48	3.49		3.19	3.46	3.54	3.11	3.50	3.95				
	Branch Piping set	DIS-WA1							DIS-WA1	DIS-TA1								
	Controls	RC-E5 / RCH-E3							Integrated	RC-E5 / RCH-E3				1xRC-E5 / RCH-E3				
	Interface													3xSC-BKNH-E				
				100+100		100+100	100+100		100+100	71+71+71			71+71+71	71+71+71		50+50+50+50	50+50+50+50	50+50+50+50
FDC 200VSA	Capacity (T=35°C)	Cooling	kW	19.00		19.00	19.00		19.00	19.00			19.00	19.00		19.00	19.00	19.00
	Power Input (T=+35°C)	Cooling	kW	6.25		6.51	6.34		6.74	6.01			6.46	6.33		6.26	6.95	6.90
	Coefficient of Energy Efficiency Rated	Cooling	EER3	3.04		2.92	3.00		2.82	3.16			2.94	3.00		3.04	2.73	2.75
	Capacity (T=7°C)	Heating	kW	22.40		22.40	22.40		22.40	22.40			22.40	22.40		22.40	22.40	22.40
	Power Input (T=7°C)	Heating	kW	6.02		6.04	6.10		6.42	5.76			6.15	5.94		6.15	6.98	7.10
	Coefficient of Energy Efficiency Rated	Heating	COP3	3.72		3.71	3.67		3.49	3.89			3.64	3.77		3.64	3.21	3.15
	Branch Piping set	DIS-WB1							DIS-WB1	DIS-TB1			DIS-TB1			2xDIS-WA1		
	Controls	RC-E5 / RCH-E3							Integrated	RC-E5 / RCH-E3			RC-E5 / RCH-E3			1xDIS-WB1		
	Interface															RC-E5 / RCH-E3		
				125+125		125+125	125+125		125+125							60+60+60+60	60+60+60+60	60+60+60+60
FDC 250VSA	Capacity (T=35°C)	Cooling	kW	24.00		24.00	24.00		24.00							24.00	24.00	24.00
	Power Input (T=+35°C)	Cooling	kW	8.36		8.33	8.52		9.15							7.42	11.10	8.00
	Coefficient of Energy Efficiency Rated	Cooling	EER3	2.87		2.88	2.82		2.62							3.23	2.16	3.00
	Capacity (T=7°C)	Heating	kW	27.00		27.00	27.00		27.00							27.00	27.00	27.00
	Power Input (T=7°C)	Heating	kW	7.15		7.52	7.54		8.49							6.83	9.66	7.02
	Coefficient of Energy Efficiency Rated	Heating	COP3	3.78		3.59	3.58		3.18							3.95	2.80	3.85
	Branch Piping set	DIS-WB1							DIS-WB1							2xDIS-WA1		
	Controls	RC-E5 / RCH-E3							Integrated							1xDIS-WB1		
	Interface															RC-E5 / 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	

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 CO₂ 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