












Commercial Multisplit - HYPER Series

TWIN/TRIPLE COMBINATIONS



			50+50	50+50	50+50	50+50	50+50						
FDC 100WSX	Capacity (T=35°C)	Cooling	kW	10.00	10.00	10.00	10.00	10.00					
	Power Input (T=+35°C)	Cooling	kW	2.56	3.18	2.66	3.00	2.66					
	Annual Consumption	Cooling	kWh/a	592/596	670/674	681/685	634/638	636/640					
	Energy Efficiency Class Seasonal	Cooling	626/2011 ¹	A+/A+	A/A	A/A	A/A	A/A					
	Energy Efficiency Class Seasonal Index	Cooling	SEER ²	5.92/5.88	5.23/5.19	5.14/5.11	5.53/5.49	5.51/5.47					
	Coefficient of Energy Efficiency Rated	Cooling	EER ³	3.91	3.14	3.76	3.33	3.76					
	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	2.66	3.20	3.02	3.39	2.60					
	Annual Consumption	Heating	kWh/a	4768/4772	3692/3695	3611/3614	3636/3840	4060/4063					
FDC 100WNX	Energy Efficiency Class Seasonal (average season)	Heating	626/2011 ¹	A/A	A/A	A/A	A/A	A+/A+					
	Energy Efficiency Class Seasonal Index (average season)	Heating	SCOP ²	3.85/3.84	3.87/3.86	3.88/3.87	3.94/3.94	4.00/4.00					
	Coefficient of Energy Efficiency Rated	Heating	COP ³	4.21	3.50	3.71	3.30	4.31					
	Design load (Pdesignh)	Heating	kW	13.10	10.20	10.00	10.80	11.60					
	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	DIS-WA1	DIS-WA1	DIS-WA1	DIS-WA1					
	Controls			1 x RC-E5 / RCH-E3									
	Interface						2 x SC-BIKN-E						
				60+60	60+60	60+60	60+60	60+60					
FDC 125WSX	Capacity (T=35°C)	Cooling	kW	12.50	12.50	12.50	12.50	12.50					
	Power Input (T=+35°C)	Cooling	kW	3.06	4.10	3.26	3.97	3.60					
	Coefficient of Energy Efficiency Rated	Cooling	EER ³	4.08	3.05	3.83	3.15	3.47					
	Capacity (T=7°C)	Heating	kW	14.00	14.00	14.00	14.00	14.00					
	Power Input (T=7°C)	Heating	kW	3.22	4.10	3.66	3.70	3.48					
	Coefficient of Energy Efficiency Rated	Heating	COP ³	4.35	3.41	3.83	3.78	4.02					
	Branch Piping set			DIS-WA1	DIS-WA1	DIS-WA1	DIS-WA1	DIS-WA1					
	Controls			1 x RC-E5 / RCH-E3									
	Interface						2 x SC-BIKN-E						
				71+71		71+71	71+71		71+71	50+50+50	50+50+50	50+50+50	50+50+50
FDC 140WSX	Capacity (T=35°C)	Cooling	kW	14.00		14.00	14.00		14.00	14.00	14.00	14.00	14.00
	Power Input (T=+35°C)	Cooling	kW	3.88		4.36	4.67		4.83	4.34	4.34	4.21	4.66
	Coefficient of Energy Efficiency Rated	Cooling	EER ³	3.61		3.21	3.00		2.90	3.23	3.23	3.33	3.00
	Capacity (T=7°C)	Heating	kW	16.00		16.00	16.00		16.00	16.00	16.00	16.00	16.00
	Power Input (T=7°C)	Heating	kW	3.70		4.35	4.58		4.97	4.34	4.34	4.69	4.53
	Coefficient of Energy Efficiency Rated	Heating	COP ³	4.32		3.68	3.49		3.22	3.69	3.69	3.41	3.53
	Branch Piping set			DIS-WA1		DIS-WA1	DIS-WA1		DIS-WA1	DIS-TA1	DIS-TA1	DIS-TA1	DIS-TA1
	Controls			1 x RC-E5 / RCH-E3		1 x RC-E5 / RCH-E3			Integrated			1 x RC-E5 / RCH-E3	
	Interface												3 x SC-BIKN-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 	

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.