

# MULTISPLIT HYPER

## TWIN / TRIPLE COMBINATIONS R32



Model	Indoor unit		FDT~VH	FDTC~VH	FDUM~VH	FDE~VH	FDF~VH	SRK~ZSX-WF	FDT~VH	FDTC~VH	FDUM~VH	FDE~VH	SRK~ZSX-WF	
	Combinations	TWIN	40+40	40+40	40+40	40+40								
	Outdoor unit		FDC 71 VNX-W											
Rated capacity (T=35°C)	Cooling	kW	7.10	7.10	7.10	7.10								
Rated power input (T=35°C)		kW	1.61	1.73	1.76	1.76								
Rated energy efficiency coefficient		EER <sup>1</sup>	4.40	4.12	4.03	4.03								
Rated capacity (T=7°C)	Heating	kW	8.00	8.00	8.00	8.00								
Rated power input (T=7°C)		kW	1.83	1.83	1.80	2.10								
Rated energy efficiency coefficient		COP <sup>1</sup>	4.38	4.37	4.44	3.81								
Design load (Pdesignh) @ -10°C	Heating (average climate conditions)	kW	5.80	6.00	6.00	6.00								
Seasonal performance coefficient		SCOP <sup>2</sup>	4.66	4.40	4.15	4.49								
Seasonal energy efficiency (ηs)		%	183.40	173.00	163.00	176.60								
Seasonal energy efficiency class		626/2011 <sup>3</sup>	A++	A+	A+	A+								
Annual energy consumption		kWh/y	1742	1911	2025	1870								
Refrigerant <sup>4</sup>	Type (GWP)	R32 (675)	R32 (675)	R32 (675)	R32 (675)									
Quantity of refrigerant pre-charge	Kg	2.75	4	2.75	2.75									
Tons of CO2 equivalent	t	1.860	2.700	1.860	1.860									
Installation accessories	DIS-WA1G													
Controls	RC-EX3A / RC-E5													

Model	Indoor unit		FDT~VH	FDTC~VH	FDUM~VH	FDE~VH	FDF~VH	SRK~ZSX-WF	FDT~VH	FDTC~VH	FDUM~VH	FDE~VH	SRK~ZSX-WF
	Combinations	TWIN	50+50	50+50	50+50	50+50							
	Outdoor unit		FDC 100 VSX-W										
Rated capacity (T=35°C)	Cooling	kW	10.00	10.00	10.00	10.00		50+50					
Rated power input (T=35°C)		kW	2.30	2.60	2.66	2.48		FDC 100 VSX-W					
Rated energy efficiency coefficient		EER <sup>1</sup>	4.35	3.84	3.76	4.04		10.00					
Rated capacity (T=7°C)	Heating	kW	11.20	11.20	11.20	11.20		2.47					
Rated power input (T=7°C)		kW	2.64	3.04	2.96	2.88		4.05					
Rated energy efficiency coefficient		COP <sup>1</sup>	4.25	3.69	3.79	3.89		11.20					
Design load (Pdesignh) @ -10°C	Heating (average climate conditions)	kW	11.20	11.20	10.00	9.80		2.60					
Seasonal performance coefficient		SCOP <sup>2</sup>	4.24	4.16	3.88	4.00		4.31					
Seasonal energy efficiency (ηs)		%	166.60	163.40	152.20	157.00		11.20					
Seasonal energy efficiency class		626/2011 <sup>3</sup>	A+	A+	A	A+		2.700					
Annual energy consumption		kWh/y	3700	3772	3605	3434		4.31					
Refrigerant <sup>4</sup>	Type (GWP)	R32 (675)	R32 (675)	R32 (675)	R32 (675)		11.20						
Quantity of refrigerant pre-charge	Kg	4	4	4	4		4.25						
Tons of CO2 equivalent	t	2.700	2.700	2.700	2.700		11.20						
Installation accessories	DIS-WA1G												
Controls	RC-EX3A / RC-E5												
Communication interface	2 x SC-BIKN2-E												

1. Value measured according to the harmonised standard EN 14511. 2. EU Regulation No. 206/2012 - N.2281/2016 - Value measured according to the harmonised standard EN 14825. 3. Delegated Regulation (EU) No 626/2011 regarding the new energy labelling of air conditioners. 4. 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 675. If 1 kg of this refrigerant fluid were released into the atmosphere, therefore, the impact on global warming would be 675 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.

### BRANCH PIPE KIT

DIS-WA1G	DIS-WB1G	DIS-TA1G	DIS-TB1G
Gas side	Gas side	Gas side	Gas side
Liquid side	Liquid side	Liquid side	Liquid side
Reducer	Reducer	Reducer	

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Model	Indoor unit		FDT~VH	FDTC~VH	FDUM~VH	FDE~VH	FDV~VH	SRK~ZSX-WF	FDT~VH	FDTC~VH	FDUM~VH	FDE~VH	SRK~ZSX-WF
	Combinations	TWIN	60+60	60+60	60+60	60+60		60+60					
	Outdoor unit		FDC 125 VSX-W					FDC 125 VSX-W					
Rated capacity (T=35°C)	Cooling	kW	12.50	12.50	12.50	12.50		12.50					
Rated power input (T=35°C)		kW	2.98	3.67	3.26	3.49		3.43					
Rated energy efficiency coefficient		EER <sup>1</sup>	4.19	3.41	3.83	3.58		3.64					
Rated capacity (T=7°C)		kW	14.00	14.00	14.00	14.00		14.00					
Rated power input (T=7°C)	Heating	kW	3.03	4.05	3.26	3.27		3.42					
Rated energy efficiency coefficient		COP <sup>1</sup>	4.62	3.45	4.30	4.29		4.09					
Seasonal performance coefficient	Heating (average climate conditions)	SCOP <sup>2</sup>	4.92	3.93	4.60	4.79		4.36					
Seasonal energy efficiency (ηs)		%	193.90	154.30	181.10	188.50		171.40					
Refrigerant <sup>4</sup>	Type (GWP)	R32 (675)	R32 (675)	R32 (675)	R32 (675)		R32 (675)						
Quantity of refrigerant pre-charge	Kg	4	4	4	4		4						
Tons of CO2 equivalent	t	2.700	2.700	2.700	2.700		2.700						
Installation accessories	DIS-WA1G						DIS-WA1G						
Controls	RC-EX3A / RC-E5						RC-EX3A / RC-E5						
Communication interface	-						2 x SC-BIKN2-E						

  

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	Combinations	TWIN	71+71		71+71	71+71	71+71		50+50+50	50+50+50	50+50+50	50+50+50	50+50+50
	Outdoor unit		FDC 140 VSX-W					FDC 140 VSX-W					
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
Rated power input (T=35°C)		kW	3.44		3.97	4.16	3.78		3.48	3.96	4.03	3.72	4.03
Rated energy efficiency coefficient		EER <sup>1</sup>	4.07		3.53	3.36	3.71		4.02	3.54	3.48	3.76	3.48
Rated capacity (T=7°C)		kW	16.00		16.00	16.00	16.00		16.00	16.00	16.00	16.00	16.00
Rated power input (T=7°C)	Heating	kW	3.64		3.91	3.97	4.27		3.74	4.34	4.04	4.11	4.04
Rated energy efficiency coefficient		COP <sup>1</sup>	4.40		4.10	4.03	3.75		4.28	3.69	3.96	3.89	3.96
Seasonal performance coefficient	Heating (average climate conditions)	SCOP <sup>2</sup>	4.94		4.68	4.60	4.20		4.76	4.66	4.52	4.33	4.65
Seasonal energy efficiency (ηs)		%	194.50		184.00	180.90	165.00		187.50	183.50	177.60	170.20	183.1
Refrigerant <sup>4</sup>	Type (GWP)	R32 (675)		R32 (675)	R32 (675)	R32 (675)		R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)
Quantity of refrigerant pre-charge	Kg	4		4	4	4		4	4	4	4	4	
Tons of CO2 equivalent	t	2.700		2.700	2.700	2.700		2.700	2.700	2.700	2.700	2.700	
Installation accessories	DIS-WA1G						DIS-WA1G		DIS-TA1G				
Controls	RC-EX3A / RC-E5						RC-EX3A / RC-E5		RC-EX3A / RC-E5				
Communication interface	-						-		3 x SC-BIKN2-E				

1. Value measured according to the harmonised standard EN 14511. 2. EU Regulation No. 206/2012 - N.2281/2016 - Value measured according to the harmonised standard EN 14825. 3. Delegated Regulation (EU) No 626/2011 regarding the new energy labelling of air conditioners. 4. 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 675. If 1 kg of this refrigerant fluid were released into the atmosphere, therefore, the impact on global warming would be 675 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.

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DIS-WA1G	DIS-WB1G	DIS-TA1G	DIS-TB1G
Gas side	Gas side	Gas side	Gas side
Liquid side	Liquid side	Liquid side	Liquid side
Reducer	Reducer	Reducer	