

# MULTISPLIT SUPER

## COMBINATIONS TWIN / TRIPLE / DOUBLE TWIN 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-W
	Combinations	TWIN	50+50	50+50	50+50	50+50		50+50	FDC 100 VN(S)A-W				
Rated capacity (T=35°C)		kW	10.00	10.00	10.00	10.00		10.00					
Rated power input (T=35°C)	Cooling	kW	2.82	3.15	3.25	3.12		2.89					
Rated energy efficiency coefficient		EER1	3.55	3.17	3.08	3.21		3.46					
Rated capacity (T=7°C)		kW	11.20	11.20	11.20	11.20		11.20					
Rated power input (T=7°C)	Heating	kW	2.73	3.05	3.04	2.99		2.61					
Rated energy efficiency coefficient		COP1	4.11	3.67	3.68	3.75		4.29					
Design load (Pdesignh) @ -10°C		kW	8.50	8.50	8.50	8.50		8.50					
Seasonal performance coefficient	Heating (average climate conditions)	SCOP2	4.47	4.38	4.00	4.10		4.47					
Seasonal energy efficiency (ηs)		%	175.80	172.20	157.00	161.00		175.80					
Seasonal energy efficiency class		626/2013	A+	A+	A+	A+		A+					
Annual energy consumption		kWh/yr	2665	2715	2974	2906		2661					
Refrigerant <sup>4</sup>	Type(GWP)	R32 (675)	R32 (675)	R32 (675)	R32 (675)		R32 (675)						
Quantity of refrigerant pre-charge	Kg	3.30	3.30	3.30	3.30		3.30						
Tons of CO2 equivalent	t	2.228	2.228	2.228	2.228		2.228						
Installation accessories			DIS-WA1G					DIS-WA1G					
Controls			RC-EX3A / RC-E5					RC-EX3A / RC-E5					
Communication interface			-					2x SC-BIKN2-E					

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	60+60	60+60	60+60	60+60		60+60	FDC 125 VN(S)A-W				
Rated capacity (T=35°C)		kW	12.50	12.50	12.50	12.50		12.50					
Rated power input (T=35°C)	Cooling	kW	3.79	4.90	4.53	4.16		4.54					
Rated energy efficiency coefficient		EER1	3.30	2.55	2.76	3.00		2.76					
Rated capacity (T=7°C)		kW	14.00	14.00	14.00	14.00		14.00					
Rated power input (T=7°C)	Heating	kW	3.31	4.30	3.52	3.54		3.58					
Rated energy efficiency coefficient		COP1	4.23	3.26	3.98	3.95		3.91					
Design load (Pdesignh) @ -10°C		kW	9.80	9.80	9.80	9.80		9.80					
Seasonal performance coefficient	Heating (average climate conditions)	SCOP2	5.20	4.36	4.13	5.05		4.89					
Seasonal energy efficiency (ηs)		%	205.10	171.30	162.10	198.80		192.50					
Refrigerant <sup>4</sup>		Type(GWP)	R32 (675)	R32 (675)	R32 (675)	R32 (675)		R32 (675)					
Quantity of refrigerant pre-charge		Kg	3.30	3.30	3.30	3.30		3.30					
Tons of CO2 equivalent	t	2.228	2.228	2.228	2.228		2.228						
Installation accessories			DIS-WA1G					DIS-WA1G					
Controls			RC-EX3A / RC-E5					RC-EX3A / RC-E5					
Communication interface			-					2x SC-BIKN2-E					

Model	Indoor unit		FDT~VH	FDTC~VH	FDUM~VH	FDE~VH	FDF~VH	SRK~ZR-WF	FDT~VH	FDTC~VH	FDUM~VH	FDE~VH	SRK~ZSX-WF
	Combinations	TWIN TRIPLE	71+71		71+71	71+71	71+71	71+71					
Rated capacity (T=35°C)		kW	13.60		13.60	13.60	13.60	13.60	13.60	13.60	13.60	13.60	13.60
Rated power input (T=35°C)	Cooling	kW	4.22		5.02	4.74	4.46	4.26	4.22	4.75	5.02	4.74	4.26
Rated energy efficiency coefficient		EER1	3.22		2.71	2.87	3.05	3.19	3.22	2.86	2.71	2.87	3.19
Rated capacity (T=7°C)		kW	15.50		15.50	16.00	15.50	16.00	15.50	15.50	15.50	15.50	15.50
Rated power input (T=7°C)	Heating	kW	3.57		4.20	4.21	4.49	4.03	3.57	4.60	4.20	4.21	3.74
Rated energy efficiency coefficient		COP1	4.34		3.69	3.68	3.46	3.85	3.88	3.37	3.69	3.68	4.14
Design load (Pdesignh) @ -10°C		kW	10.50		10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50
Seasonal performance coefficient	Heating (average climate conditions)	SCOP2	5.12		5.22	4.80	4.98	5.31	5.12	4.98	5.22	4.80	5.57
Seasonal energy efficiency (ηs)		%	201.60		205.70	188.80	196.10	209.50	201.60	196.00	205.70	188.80	219.60
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	3.30		3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30
Tons of CO2 equivalent	t	2.228		2.228	2.228	2.228	2.228	2.228	2.228	2.228	2.228	2.228	
Installation accessories			DIS-WA1G		DIS-WA1G					DIS-TA1G			
Controls			RC-EX3A / RC-E5		RC-EX3A / RC-E5					RC-EX3A / RC-E5			
Communication interface			-		-					3x SC-BIKN2-E			

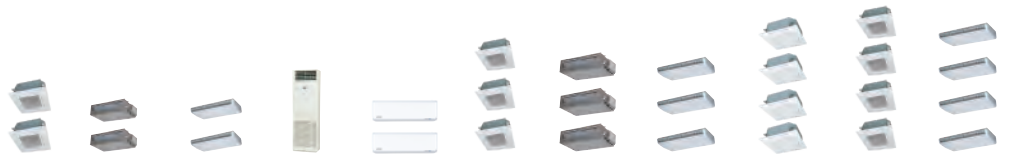
1. Value measured according to the harmonised standard EN 14511. 2. EU Regulation No. 206/2012 - N.2281/2016 - Value measured according to the harmonised standard EN 14825. 3. Delegated Regulation (EU) No 626/2011 regarding the new energy labelling of air conditioners. 4. Refrigerant leakage contributes 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.

### 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	

# MULTISPLIT SUPER

## COMBINATIONS TWIN / TRIPLE / DOUBLE TWIN R32



Model	Indoor unit		FDT~VH	FDUM~VH	FDE~VH	PDF~VH	SRK~ZR-WF	FDT~VH	FDUM~VH	FDE~VH	FDT~VH	FDTC~VH	FDE~VH
	Combinations	TWIN	100+100	100+100	100+100	100+100	100+100						
		TRIPLE											
		D. TWIN											
		Outdoor unit	FDC 200 VSA-W	FDC 200 VSA-W				FDC 200 VSA-W	FDC 200 VSA-W		FDC 200 VSA-W		FDC 200 VSA-W
Rated capacity (T=35°C)	Cooling	kW	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00
Rated power input (T=35°C)		kW	5.48	6.58	6.29	6.71	7.46	5.56	6.58	6.29	5.78	6.92	6.29
Rated energy efficiency coefficient		EER <sup>1</sup>	3.65	3.04	3.18	2.98	2.68	3.60	3.04	3.18	3.46	2.89	3.18
Rated 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	22.40
Rated power input (T=7°C)		kW	5.27	5.59	5.66	6.06	6.87	5.27	5.59	5.66	5.8	6.36	5.66
Rated energy efficiency coefficient		COP <sup>1</sup>	4.25	4.01	3.96	3.69	3.26	4.25	4.01	3.96	3.86	3.52	3.96
Seasonal performance coefficient	Heating (average climate conditions)	SCOP <sup>2</sup>	4.55	4.65	4.53	4.73	4.36	4.55	4.65	4.53	4.37	4.23	4.53
Seasonal energy efficiency (ηs)		%	179.00	182.80	178.00	186.00	171.50	179.00	182.80	178.00	171.90	166.10	178.10
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)	R32 (675)
Quantity of refrigerant pre-charge		Kg	4.30	4.30	4.30	4.30	4.30	4.30	4.30	4.30	4.30	4.30	4.30
Tons of CO2 equivalent		t	2.903	2.903	2.903	2.903	2.903	2.903	2.903	2.903	2.903	2.903	2.903
Installation accessories			DIS-WB1G	DIS-WB1G				DIS-TB1G	DIS-TB1G		2x DIS-WA1G + 1x DIS-WB1G		2x DIS-WA1G + 1x DIS-WB1G
Controls			RC-EX3A / RC-E5	RC-EX3A / RC-E5				RC-EX3A / RC-E5	RC-EX3A / RC-E5		RC-EX3A / RC-E5		RC-EX3A / RC-E5
Communication interface			-	-				2x SC-BIKN2-E	-		-		-

Model	Indoor unit		FDT~VH	FDUM~VH	FDE~VH	PDF~VH	SRK~ZR-WF	FDT~VH	FDUM~VH	FDE~VH	FDT~VH	FDTC~VH	FDE~VH
	Combinations	TWIN	125+125	125+125	125+125	125+125							
		TRIPLE											
		D. TWIN											
		Outdoor unit	FDC 250 VSA-W	FDC 250 VSA-W							60+60+60+60	60+60+60+60	60+60+60+60
Rated capacity (T=35°C)	Cooling	kW	25.00	25.00	25.00	25.00					25.00	25.00	25.00
Rated power input (T=35°C)		kW	8.20	8.74	8.20	9.54					7.30	9.43	8.04
Rated energy efficiency coefficient		EER <sup>1</sup>	3.05	2.86	3.05	2.62					3.42	2.65	3.11
Rated capacity (T=7°C)	Heating	kW	28.00	28.00	28.00	28.00					28.00	28.00	28.00
Rated power input (T=7°C)		kW	7.37	7.90	7.93	8.37					6.80	8.75	7.32
Rated energy efficiency coefficient		COP <sup>1</sup>	3.80	3.54	3.53	3.35					4.12	3.20	3.83
Seasonal performance coefficient	Heating (average climate conditions)	SCOP <sup>2</sup>	4.35	4.40	4.25	4.25					4.72	4.09	4.55
Seasonal energy efficiency (ηs)		%	171.10	172.90	167.00	167.00					185.60	160.40	179.10
Refrigerant <sup>4</sup>		Type (GWP)	R32 (675)	R32 (675)	R32 (675)	R32 (675)					R32 (675)	R32 (675)	R32 (675)
Quantity of refrigerant pre-charge		Kg	5.10	5.10	5.10	5.10					5.10	5.10	5.10
Tons of CO2 equivalent		t	3.443	3.443	3.443	3.443					3.443	3.443	3.443
Installation accessories			DIS-WB1G	DIS-WB1G							2x DIS-WA1G + 1x DIS-WB1G		2x DIS-WA1G + 1x DIS-WB1G
Controls			RC-EX3A / RC-E5	RC-EX3A / RC-E5							RC-EX3A / RC-E5		RC-EX3A / RC-E5

Model	Indoor unit		FDT~VH	FDUM~VH	FDE~VH	PDF~VH	SRK~ZR-WF	FDT~VH	FDUM~VH	FDE~VH	FDT~VH	FDTC~VH	FDE~VH
	Combinations	TWIN	140+140	140+140	140+140	140+140							
		TRIPLE											
		D. TWIN											
		Outdoor unit	FDC 280 VSA-W	FDC 280 VSA-W							71+71+71+71		71+71+71+71
Rated capacity (T=35°C)	Cooling	kW	27.00	27.00	27.00	27.00					27.00		27.00
Rated power input (T=35°C)		kW	9.11	10.05	9.31	10.93					7.77		9.15
Rated energy efficiency coefficient		EER <sup>1</sup>	2.96	2.69	2.90	2.47					3.47		2.95
Rated capacity (T=7°C)	Heating	kW	30.00	30.00	30.00	30.00					30.00		30.00
Rated power input (T=7°C)		kW	8.95	8.47	8.98	9.47					8.60		8.98
Rated energy efficiency coefficient		COP <sup>1</sup>	3.35	3.54	3.34	3.17					3.49		3.34
Seasonal performance coefficient	Heating (average climate conditions)	SCOP <sup>2</sup>	4.22	4.23	3.95	4.13					4.05		4.11
Seasonal energy efficiency (ηs)		%	165.60	166.00	154.80	162.20					158.90		161.30
Refrigerant <sup>4</sup>		Type (GWP)	R32 (675)	R32 (675)	R32 (675)	R32 (675)					R32 (675)		R32 (675)
Quantity of refrigerant pre-charge		Kg	5.60	5.60	5.60	5.60					5.60		5.60
Tons of CO2 equivalent		t	3.780	3.780	3.780	3.780					3.780		3.780
Installation accessories			DIS-WB1G	DIS-WB1G							2x DIS-WA1G + 1x DIS-WB1G		2x DIS-WA1G + 1x DIS-WB1G
Controls			RC-EX3A / RC-E5	RC-EX3A / RC-E5							RC-EX3A / RC-E5		RC-EX3A / RC-E5

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.

### 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	Reducer