

OUTDOOR UNITS

SDV4/SDV5 SMALL AND SDV4/SDV5 INDIVIDUAL SIDE DISCHARGE

MODEL			SDV5-100EAS	SDV4-140EAA	SDV4-160EAA	SDV4-180EA	
Horse power (HP)		-	3,5	5	6	6,5	
Power		phase / Hz / V	1 ~ / 50 / 220-240	3 ~ / 50 / 380-415	3 ~ / 50 / 380-415	3 ~ / 50 / 380-415	
Cooling capacity		kW	9,0 (2-10)	14	15,5	17,5	
Cooling input power		kW	2,64	3,95	4,52	5,30	
EER		-	3,41	3,54	3,43	3,30	
Heating capacity		kW	9,0 (2,1 - 12)	15,4	17	19	
Heating input power		kW	2,1	4,16	4,77	5	
COP		-	4,29	3,70	3,56	3,80	
Combination of indoor units		-	50-130% of outdoor unit capacity				
Number of indoor units		-	6	6	7	9	
Compressor		Type	DC inverter	DC inverter	DC inverter	DC inverter	
		Qty	1	1	1	1	
		Oil	RB74AF	FV50S	FV50S	FV50S	
Operating range-cooling		°C	-5-55	-15-48	-15-48	-15-48	
Operating range-heating		°C	-15-27	-15-27	-15-27	-15-27	
Sound pressure level		dB(A)	54	57	57	59	
Sound power level		dB(A)	68	73	73	74	
Airflow		m³/h	5200	6000	6000	6800	
Net weight		kg	73	95	102	107	
Gross weight		kg	82	103	113	118	
Net dimensions	w x h x d	mm	950x840x426	900x1327x320	900x1327x320	900x1327x320	
Packing dimensions	w x h x d	mm	1025x950x510	1030x1456x435	1030x1456x435	1030x1456x435	
Refrigerant		type	R410A	R410A	R410A	R410A	
		kg	2,35	3,9	3,9	4,5	
		t eq. CO2	4,9	8,1	8,1	9,4	
Vertical pipe length*		m	20 / 20		30 / 20		
Pipe length from 1. branch		m	20	20	20	20	
Equivalent pipe length		m	50	50	50	70	
Total pipe length		m	65	100	100	100	
Pipe diameter - liquid side		mm	9,5	9,5	9,5	9,5	
Pipe diameter - gas side		mm	15,9	15,9	19,1	19,1	
ADDITIONAL TECHNICAL INFORMATION							
Screw holes distance of OD	w x d	mm	590x390	600x360	600x360	600x360	
Communication cable		mm²	3x0,75 shielded	3x0,75 shielded	3x0,75 shielded	3x0,75 shielded	
Recommended power cable		mm²	3x4,0	5x4,0	5x4,0	5x4,0	
Recommended air switch		A	B20	B25	B25	B25	
EQUIPMENT							
Crancase heater			yes	yes	yes	yes	
Bottom plugs for OD			-	yes	yes	yes	
Drain pipe connector			yes	yes	yes	yes	
STANDARD ACCESSORIES							
Gateway connection			yes	no	no	no	
OPTIONAL ACCESSORIES							
Gateway connection			-	NIM10	NIM10	NIM10	
Wire controller			-	CCM02N	CCM02N	CCM02N	
Central controller			CCM-180A, CCM-270A	CCM30	CCM30	CCM30	
Central controller with weekly timer			CCM-180A, CCM-270A	CCM09, CCM-180A	CCM09, CCM-180A	CCM09, CCM-180A	
Central controller with LAN access			CCM15, CCM-270A	CCM15	CCM15	CCM15	
BMS gateway			GW-BAC, GW-LON, SDV5-MOD	CCM08, CCM07, CCM18/16, CCM18/64	CCM08, CCM07, CCM18/16, CCM18/64	CCM08, CCM07, CCM18/16, CCM18/64	
Extension kit (2xXYE)			SDV5-EK	-	-	-	

* Outdoor unit top max / bottom max.

The specification of products is subject to change based on further development of the units by the producer and can be changed without prior notice. Refer to rating label.

R410 (50% HFC-32, 50% HFC-125), GWP of refrigerant used: 2088.

Contains fluorinated greenhouse gases covered by the Kyoto Protocol.

Conditions under which has been performed measurements of technical parameters on page 57.