

OUTDOOR UNITS WITH SIDE AIR DISCHARGE

SDV6 SMALL INDIVIDUAL SIDE AIR DISCHARGE R32

ECOLOGICAL
REFRIGERANT **R32**

FEATURES

- Ecological refrigerant R32
- Autoaddressing of indoor units
- Heat up to -20 °C outside temperature
- Space saving design
- Power input limitation 40-100 %
- ALARM, ON/OFF, DEFROST signal
- Optionally BMS gateways MODBUS, BACNET

SDV6-E80BS
SDV6-E100BS
SDV6-E120BS
SDV6-E140BS
SDV6-E160BS
SDV6-E180BS
SDV6-E120BS-3
SDV6-E140BS-3
SDV6-E160BS-3
SDV6-E180BS-3



TECHNICAL PARAMETERS

MODEL		SDV6-E80BS	SDV6-E100BS	SDV6-E120BS SDV6-E120BS-3	SDV6-E140BS SDV6-E140BS-3
Capacity cooling / heating max.	kW	7,2 / 9,0	9,0 / 10,8	12,3 / 14,0	14,0 / 16,0
Power supply	phase / Hz / V	1~ / 50 / 220-240	1~ / 50 / 220-240	1~ / 50 / 220-240 3~ / 50 / 380-415	1~ / 50 / 220-240 3~ / 50 / 380-415
SEER / SCOP	-	5,8 / 3,8	5,7 / 3,8	7,8 / 4,9	7,4 / 4,8
Max. number of indoor units	-	5	6	8	10
Sound pressure level at 1 m	dB(A)	53	53	53	56
Dimension (w x h x d) / Net weight	mm / kg	1038×864×409 / 77	1038×864×409 / 77	1038×864×409 / 94 1038×864×409 / 110	1038×864×409 / 94 1038×864×409 / 110
Operating temperature range - cooling / heating	°C	-15-52 / -20-16,5 WB	-15-52 / -20-16,5 WB	-15-52 / -20-16,5 WB	-15-52 / -20-16,5 WB

MODEL		SDV6-E160BS SDV6-E160BS-3	SDV6-E180BS SDV6-E180BS-3		
Capacity cooling / heating max.	kW	15,5 / 17,5	17,5 / 19,5		
Power supply	phase / Hz / V	1~ / 50 / 220-240 3~ / 50 / 380-415	1~ / 50 / 220-240 3~ / 50 / 380-415		
SEER / SCOP	-	7,4 / 4,8	7,1 / 4,8		
Max. number of indoor units	-	11	12		
Sound pressure level at 1 m	dB(A)	56	58		
Dimension (w x h x d) / Net weight	mm / kg	1038×864×409 / 94 1038×864×409 / 110	1038×864×409 / 94 1038×864×409 / 110		
Operating temperature range - cooling / heating	°C	-15-52 / -20-16,5 WB	-15-52 / -20-16,5 WB		

OUTDOOR UNITS WITH SIDE AIR DISCHARGE SDV6 SMALL INDIVIDUAL SIDE AIR DISCHARGE R410A

R410A
REFRIGERANT

FEATURES

- Autoaddressing of indoor units
- Combination of indoor units 50 - 160 %
- Heat up to -20 °C outside temperature
- Space saving design
- Power input limitation 40-100 %
- ALARM, ON/OFF, DEFROST signal
- Optionally BMS gateways MODBUS, BACNET

SDV6-E80AS
SDV6-E100AS
SDV6-E120AS
SDV6-E140AS
SDV6-E160AS
SDV6-E120AS-3
SDV6-E140AS-3
SDV6-E160AS-3



TECHNICAL PARAMETERS

MODEL		SDV6-E80AS	SDV6-E100AS	SDV6-E120AS SDV6-E120AS-3	SDV6-E140AS SDV6-E140AS-3
Capacity cooling / heating max.	kW	7,2 / 9,0	9,0 / 10,8	12,3 / 14,0	14,0 / 16,0
Power supply	phase / Hz / V	1~ / 50 / 220-240	1~ / 50 / 220-240	1~ / 50 / 220-240 3~ / 50 / 380-415	1~ / 50 / 220-240 3~ / 50 / 380-415
SEER / SCOP	-	5,4 / 3,8	5,4 / 3,8	7,2 / 4,9	7,0 / 4,8
Max. number of indoor units	-	5	6	8	10
Sound pressure level at 1 m	dB(A)	53	53	55	56
Dimension (w x h x d) / Net weight	mm / kg	1073×864×523 / 80	1073×864×523 / 80	1073×864×523 / 94 1073×864×523 / 109	1073×864×523 / 94 1073×864×523 / 109
Operating temperature range - cooling / heating	°C	-15-52 / -20-16,5 WB	-15-52 / -20-16,5 WB	-15-52 / -20-16,5 WB	-15-52 / -20-16,5 WB

MODEL		SDV6-E160AS SDV6-E160AS-3			
Capacity cooling / heating max.	kW	15,5 / 17,5			
Power supply	phase / Hz / V	1~ / 50 / 220-240 3~ / 50 / 380-415			
SEER / SCOP	-	6,8 / 4,8			
Max. number of indoor units	-	11			
Sound pressure level at 1 m	dB(A)	56			
Dimension (w x h x d) / Net weight	mm / kg	1073×864×523 / 94 1073×864×523 / 109			
Operating temperature range - cooling / heating	°C	-15-52 / -20-16,5 WB			

OUTDOOR UNITS WITH SIDE AIR DISCHARGE

SDV6 INDIVIDUAL SIDE AIR DISCHARGE

R410A
REFRIGERANT

FEATURES

- Autoaddressing of indoor units
- Combination of indoor units 50 - 130 %
- Heat up to -30 °C outside temperature
- Space saving design
- Power input limitation 40-100 %
- ALARM, ON/OFF, DEFROST signal
- Optionally BMS gateways MODBUS, BACNET

SDV6-E252ASI
SDV6-E280ASI
SDV6-E335ASI
SDV6-E400ASI



SDV6-E450ASI
SDV6-E500ASI
SDV6-E560ASI
SDV6-E615ASI

TECHNICAL PARAMETERS

MODEL		SDV6-E252ASI	SDV6-E280ASI	SDV6-E335ASI	SDV6-E400ASI
Capacity cooling / heating max.	kW	25,2 / 27,0	28,0 / 31,5	33,5 / 37,5	40,0 / 45,0
Power supply	phase / Hz / V	3~ / 50 / 380-415	3~ / 50 / 380-415	3~ / 50 / 380-415	3~ / 50 / 380-415
SEER / SCOP	-	7,1 / 4,2	6,8 / 4,1	6,4 / 4,1	6,2 / 4,0
Max. number of indoor units	-	13	16	19	22
Sound pressure level at 1 m	dB(A)	56	57	58	59
Dimension (w x h x d) / Net weight	mm / kg	1130×1760×580 / 182	1130×1760×580 / 182	1130×1760×580 / 185	1130×1760×580 / 187
Operating temperature range - cooling / heating	°C	-15~55 / -30~30	-15~55 / -30~30	-15~55 / -30~30	-15~55 / -30~30

MODEL		SDV6-E450ASI	SDV6-E500ASI	SDV6-E560ASI	SDV6-E615ASI
Capacity cooling / heating max.	kW	45,0 / 50,0	50,0 / 56,5	56,0 / 63,0	61,5 / 69,0
Power supply	phase / Hz / V	3~ / 50 / 380-415	3~ / 50 / 380-415	3~ / 50 / 380-415	3~ / 50 / 380-415
SEER / SCOP	-	6,2 / 4,1	6,1 / 4,2	6,0 / 4,1	5,8 / 4,0
Max. number of indoor units	-	26	29	33	36
Sound pressure level at 1 m	dB(A)	60	61	61	62
Dimension (w x h x d) / Net weight	mm / kg	1250×1760×580 / 214	1250×1760×580 / 214	1250×1760×580 / 234	1250×1760×580 / 234
Operating temperature range - cooling / heating	°C	-15~55 / -30~30	-15~55 / -30~30	-15~55 / -30~30	-15~55 / -30~30

OUTDOOR UNITS WITH TOP AIR DISCHARGE

SDV6 INDIVIDUAL TOP AIR DISCHARGE

R410A
REFRIGERANT

FEATURES

- Autoaddressing of indoor units
- Combination of indoor units 50 - 130 %
- Heat up to -30 °C outside temperature
- Space saving design
- Power input limitation 40-100 %
- ALARM, ON/OFF, DEFROST signal
- Optionally BMS gateways MODBUS, BACNET

SDV6-E500ATI
SDV6-E560ATI
SDV6-E615ATI
SDV6-E670ATI

SDV6-E252ATI
SDV6-E280ATI
SDV6-E335ATI
SDV6-E400ATI
SDV6-E450ATI



SDV6-E730ATI
SDV6-E785ATI
SDV6-E850ATI
SDV6-E900ATI

TECHNICAL PARAMETERS

MODEL		SDV6-E252ATI	SDV6-E280ATI	SDV6-E335ATI	SDV6-E400ATI
Capacity cooling / heating max.	kW	25,2 / 27,0	28,0 / 31,5	33,5 / 37,5	40,0 / 45,0
Power supply	phase / Hz / V	3~ / 50 / 380-415	3~ / 50 / 380-415	3~ / 50 / 380-415	3~ / 50 / 380-415
SEER / SCOP	-	7,2 / 4,1	6,8 / 4,1	6,3 / 4,1	6,3 / 4,1
Max. number of indoor units	-	13	16	19	23
Sound pressure level at 1 m	dB(A)	58	58	61	65
Dimension (w × h × d) / Net weight	mm / kg	940×1760×825 / 195	940×1760×825 / 195	940×1760×825 / 195	940×1760×825 / 215
Operating temperature range - cooling / heating	°C	-15-55 / -30-30	-15-55 / -30-30	-15-55 / -30-30	-15-55 / -30-30

MODEL		SDV6-E450ATI	SDV6-E500ATI	SDV6-E560ATI	SDV6-E615ATI
Capacity cooling / heating max.	kW	45,0 / 50,0	50,0 / 56,5	56,0 / 63,0	61,5 / 69,0
Power supply	phase / Hz / V	3~ / 50 / 380-415	3~ / 50 / 380-415	3~ / 50 / 380-415	3~ / 50 / 380-415
SEER / SCOP	-	6,0 / 4,0	6,1 / 4,1	6,0 / 4,0	5,9 / 4,2
Max. number of indoor units	-	26	29	33	36
Sound pressure level at 1 m	dB(A)	65	65	66	66
Dimension (w × h × d) / Net weight	mm / kg	940×1760×825 / 215	1340×1760×825 / 295	1340×1760×825 / 295	1340×1760×825 / 315
Operating temperature range - cooling / heating	°C	-15-55 / -30-30	-15-55 / -30-30	-15-55 / -30-30	-15-55 / -30-30

MODEL		SDV6-E670ATI	SDV6-E730ATI	SDV6-E785ATI	SDV6-E850ATI
Capacity cooling / heating max.	kW	67,0 / 75,0	73,0 / 81,5	78,5 / 87,5	85,0 / 95,0
Power supply	phase / Hz / V	3~ / 50 / 380-415	3~ / 50 / 380-415	3~ / 50 / 380-415	3~ / 50 / 380-415
SEER / SCOP	-	5,9 / 4,0	5,6 / 4,1	5,8 / 4,0	5,7 / 3,9
Max. number of indoor units	-	39	43	46	50
Sound pressure level at 1 m	dB(A)	67	68	68	68
Dimension (w × h × d) / Net weight	mm / kg	1340×1760×825 / 315	1880×1760×825 / 366	1880×1760×825 / 396	1880×1760×825 / 396
Operating temperature range - cooling / heating	°C	-15-55 / -30-30	-15-55 / -30-30	-15-55 / -30-30	-15-55 / -30-30

MODEL		SDV6-E900ATI			
Capacity cooling / heating max.	kW	90,0 / 100,0			
Power supply	phase / Hz / V	3~ / 50 / 380-415			
SEER / SCOP	-	5,6 / 3,8			
Max. number of indoor units	-	53			
Sound pressure level at 1 m	dB(A)	68			
Dimension (w × h × d) / Net weight	mm / kg	1880×1760×825 / 396			
Operating temperature range - cooling / heating	°C	-15-55 / -30-30			



OUTDOOR UNITS WITH TOP AIR DISCHARGE

SDV6 MODULAR TOP AIR DISCHARGE

R410A
REFRIGERANT

FEATURES

- Modular connection up to 3 units up to 270 kW
- Autoaddressing of indoor units
- Combination of indoor units 50 - 130 %
- Heat up to -30 °C outside temperature
- Power input limitation 40-100 %
- ALARM, ON/OFF, DEFROST signal
- Optionally BMS gateways MODBUS, BACNET

SDV6-E500ATM
SDV6-E560ATM
SDV6-E615ATM
SDV6-E670ATM

SDV6-E252ATM
SDV6-E280ATM
SDV6-E335ATM
SDV6-E400ATM
SDV6-E450ATM



SDV6-E730ATM
SDV6-E785ATM
SDV6-E850ATM
SDV6-E900ATM

TECHNICAL PARAMETERS

MODEL		SDV6-E252ATM	SDV6-E280ATM	SDV6-E335ATM	SDV6-E400ATM
Capacity cooling / heating max.	kW	25,2 / 27,0	28,0 / 31,5	33,5 / 37,5	40,0 / 45,0
Power supply	phase / Hz / V	3~ / 50 / 380-415	3~ / 50 / 380-415	3~ / 50 / 380-415	3~ / 50 / 380-415
SEER / SCOP	-	7,2 / 4,1	6,8 / 4,1	6,3 / 4,1	6,3 / 4,1
Max. number of indoor units	-	13	16	19	23
Sound pressure level at 1 m	dB(A)	58	58	61	65
Dimension (w × h × d) / Net weight	mm / kg	940×1760×825 / 195	940×1760×825 / 195	940×1760×825 / 195	940×1760×825 / 215
Operating temperature range - cooling / heating	°C	-15~55 / -30~30	-15~55 / -30~30	-15~55 / -30~30	-15~55 / -30~30

MODEL		SDV6-E450ATM	SDV6-E500ATM	SDV6-E560ATM	SDV6-E615ATM
Capacity cooling / heating max.	kW	45,0 / 50,0	50,0 / 56,5	56,0 / 63,0	61,5 / 69,0
Power supply	phase / Hz / V	3~ / 50 / 380-415	3~ / 50 / 380-415	3~ / 50 / 380-415	3~ / 50 / 380-415
SEER / SCOP	-	6,0 / 4,0	6,1 / 4,1	6,0 / 4,0	5,9 / 4,2
Max. number of indoor units	-	26	29	33	36
Sound pressure level at 1 m	dB(A)	65	65	66	66
Dimension (w × h × d) / Net weight	mm / kg	940×1760×825 / 215	1340×1760×825 / 295	1340×1760×825 / 295	1340×1760×825 / 315
Operating temperature range - cooling / heating	°C	-15~55 / -30~30	-15~55 / -30~30	-15~55 / -30~30	-15~55 / -30~30

MODEL		SDV6-E670ATM	SDV6-E730ATM	SDV6-E785ATM	SDV6-E850ATM
Capacity cooling / heating max.	kW	67,0 / 75,0	73,0 / 81,5	78,5 / 87,5	85,0 / 95,0
Power supply	phase / Hz / V	3~ / 50 / 380-415	3~ / 50 / 380-415	3~ / 50 / 380-415	3~ / 50 / 380-415
SEER / SCOP	-	6,0 / 4,1	5,7 / 4,2	5,9 / 4,1	5,8 / 4,0
Max. number of indoor units	-	39	43	46	50
Sound pressure level at 1 m	dB(A)	67	68	68	68
Dimension (w × h × d) / Net weight	mm / kg	1340×1760×825 / 315	1880×1760×825 / 366	1880×1760×825 / 396	1880×1760×825 / 396
Operating temperature range - cooling / heating	°C	-15~55 / -30~30	-15~55 / -30~30	-15~55 / -30~30	-15~55 / -30~30

MODEL		SDV6-E900ATM			
Capacity cooling / heating max.	kW	90,0 / 100,0			
Power supply	phase / Hz / V	3~ / 50 / 380-415			
SEER / SCOP	-	5,8 / 4,0			
Max. number of indoor units	-	53			
Sound pressure level at 1 m	dB(A)	68			
Dimension (w × h × d) / Net weight	mm / kg	1880×1760×825 / 396			
Operating temperature range - cooling / heating	°C	-15~55 / -30~30			

