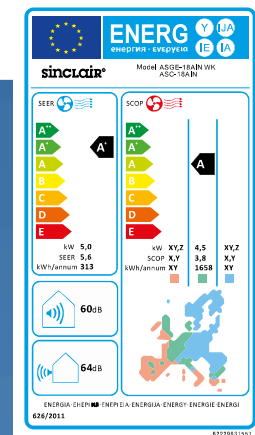
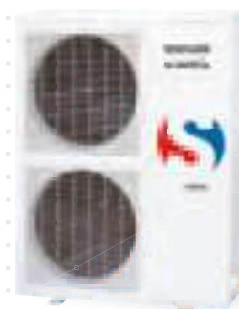


NEW UNI DC INVERTER SERIES



- ASC-12AIN ASC-42AIN
- ASC-18AIN ASC-48AIN
- ASC-24AIN ASC-60AIN
- ASC-36AIN

Anticorrosion treatment of exchangers
 3-year warranty
 Autorestart function
 3-D spiral fan
 Standard water pump
 Fresh air supply



ASGE-XXAIN WK

YOU SHOULD COMBINE INDOOR UNITS ASC-XXAIN WITH SAME CAPACITY OUTDOOR UNIT ASGE-XXAIN WK OR ASGE-XXAIN-3 WK.



DC INVERTER

OPTIONAL ACCESSORIES

SCMI-01



FMD-01



SCC-16



SDM-01



G2S



TECHNICAL PARAMETERS

MODEL-ID			ASC-12AIN	ASC-18AIN	ASC-24AIN	ASC-36AIN
MODEL-OD			ASGE-12AIN WK	ASGE-18AIN WK	ASGE-24AIN WK	ASGE-36AIN WK
Capacity cooling / heating	kW		3,5 (0,9-3,9) / 3,8 (0,9-4,1)	5,0 (1,6-5,8) / 5,5 (1,4-6,5)	7,0 (2,4-8,5) / 8,0 (2,4-9,5)	10,0 (3,2-11,5) / 12,0 (2,9-14,5)
Power supply	ID	Hz / V	1~ / 50 / 220-240	1~ / 50 / 220-240	1~ / 50 / 220-240	1~ / 50 / 220-240
	OD	Hz / V	1~ / 50 / 220-240	1~ / 50 / 220-240	1~ / 50 / 220-240	1~ / 50 / 220-240
Power input cooling / heating	W		1090 / 1050	1550 / 1640	2180 / 2210	3200 / 3500
Current cooling / heating	A		5,0 / 4,9	7,2 / 7,6	10,1 / 10,2	15,0 / 16,2
SEER / SCOP	-		5,6 / 4,0	5,6 / 3,8	6,1 / 4,0	6,1 / 4,0
Energy class	-		A+ / A+	A+ / A	A++ / A+	A++ / A+
Air flow	ID	m³/h	700	760	1300	1860
	OD	m³/h	1800	3200	4000	5100
Sound pressure level	ID	dB(A)	46 / 45 / 43 / 37	47 / 46 / 44 / 37	47 / 46 / 42 / 38	51 / 49 / 46 / 43
	OD	dB(A)	52	56	57	63
Dehumidifying volume	l/h		1,2	1,8	2,4	3,4
Refrigerant	Type / kg / t eq.CO ₂		R410A / 1,2 / 2,51	R410A / 1,4 / 2,92	R410A / 2,2 / 4,59	R410A / 3,5 / 7,31
Pipe diameter	Liquid side	inch / mm	¾ / 6,4	¾ / 6,4	¾ / 9,5	¾ / 9,5
	Gas side	inch / mm	¾ / 9,5	¾ / 12,7	¾ / 15,9	¾ / 15,9
Max. pipe length	m		20	20	30	30
Max. elevation / Drop height	m		15	15	15	15
Standard pipe length	m		7	7	7	7
Additional refrigerant	g/m		30	30	60	60
Dimension (w x h x d)	ID	mm	595x595x240	595x595x240	840x840x240	840x840x320
	OD	mm	850x540x320	955x700x395	980x790x425	1105x1100x440
	Panel	mm	650x50x650	650x50x650	950x60x950	950x60x950
Package dimension (w x h x d)	ID	mm	773x300x733	773x300x733	963x325x963	963x409x963
	OD	mm	881x595x363	1029x750x458	1083x855x488	1158x1236x493
	Panel	mm	763x105x763	763x105x763	1028x130x1043	1028x130x1043
Net/ gross weight	ID	kg	20,0 / 24,0	20,0 / 24,0	26,0 / 32,0	31,0 / 38,0
	OD	kg	34,0 / 37,0	47,0 / 50,0	67,0 / 72,0	92,0 / 100,0
	Panel	mm	3,5 / 5,0	3,5 / 5,0	7,0 / 11,0	7,0 / 11,0
Operating temperature range	Cooling	°C	-15 ~ 48	-15 ~ 48	-15 ~ 48	-15 ~ 48
	Heating	°C	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24

MODEL-ID			ASC-36AIN	ASC-42AIN	ASC-48AIN	ASC-60AIN
MODEL-OD			ASGE-36AIN-3 WK	ASGE-42AIN-3 WK	ASGE-48AIN-3 WK	ASGE-60AIN-3 WK
Capacity cooling / heating	kW		10,0 (3,2-11,5) / 12,0 (2,9-14,5)	11,0 (3,3-12,0) / 12,5 (3,6-15,0)	14,0 (6,0-14,8) / 16,0 (5,2-18,0)	16,0 (7,4-16,5) / 16,5 (6,2-18,5)
Power supply	ID	Hz / V	1~ / 50 / 220-240	1~ / 50 / 220-240	1~ / 50 / 220-240	1~ / 50 / 220-240
	OD	Hz / V	3~ / 50 / 380-415	3~ / 50 / 380-415	3~ / 50 / 380-415	3~ / 50 / 380-415
Power input cooling / heating	W		3200 / 3500	3900 / 3800	4600 / 4500	5700 / 4600
Current cooling / heating	A		5,4 / 5,8	6,7 / 6,6	8,9 / 7,8	9,8 / 8,2
SEER / SCOP	-		6,1 / 4,0	6,1 / 4,0	5,6 / 3,8	6,1 / 4,0
Energy class	-		A++ / A+	A++ / A+	A+ / A	A++ / A+
Air flow	ID	m³/h	1860	1860	2300	2400
	OD	m³/h	5100	6600	6600	8800
Sound pressure level	ID	dB(A)	51 / 49 / 46 / 43	51 / 49 / 46 / 43	53 / 52 / 47 / 41	54 / 53 / 47 / 41
	OD	dB(A)	63	64	64	68
Dehumidifying volume	l/h		3,4	3,7	4,5	5
Refrigerant	Type / kg / t eq.CO ₂		R410A / 3,5 / 7,31	R410A / 3,7 / 7,72	R410A / 4,0 / 8,35	R410A / 5,0 / 10,44
Pipe diameter	Liquid side	inch / mm	¾ / 9,5	¾ / 9,5	¾ / 9,5	¾ / 9,5
	Gas side	inch / mm	¾ / 15,9	¾ / 15,9	¾ / 15,9	¾ / 19,1
Max. pipe length	m		30	30	50	50
Max. elevation / Drop height	m		15	15	30	30
Standard pipe length	m		7	7	7	7
Additional refrigerant	g/m		60	60	60	60
Dimension (w x h x d)	ID	mm	840x840x320	840x840x320	910x910x290	910x910x290
	OD	mm	1105x1100x440	960x1350x410	960x1350x410	1085x1365x425
	Panel	mm	950x60x950	950x60x950	1040x65x1040	1040x65x1040
Package dimension (w x h x d)	ID	mm	963x409x963	963x409x963	1023x375x993	1023x375x993
	OD	mm	1158x1236x493	1043x1500x453	1043x1500x453	1143x1505x478
	Panel	mm	1028x130x1043	1028x130x1043	1137x140x1137	1137x140x1137
Net/ gross weight	ID	kg	31,0 / 38,0	31,0 / 38,0	43,0 / 50,0	43,0 / 50,0
	OD	kg	98,0 / 106,0	108,0 / 118,0	114,0 / 124,0	126,0 / 138,0
	Panel	mm	7,0 / 11,0	7,0 / 11,0	8,0 / 12,0	8,0 / 12,0
Operating temperature range	Cooling	°C	-15 ~ 48	-15 ~ 48	-15 ~ 48	-15 ~ 48
	Heating	°C	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24

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. Data are based on following conditions:
 Length of connection pipe: 5m. Cooling: indoor temperature 27°C DB/19°C WB, outdoor temperature 35°C DB/24°C WB. Heating condition: indoor temperature 20°C DB/15°C WB, outdoor temperature 7°C DB/6°C WB.
 SEER/SCOP was calculated according to European standards contained in EN14825 for average season, based on part load classifying and testing conditions given by norm EN14511. Contains fluorinated greenhouse gases covered by the Kyoto Protocol.
 R410A (50% HFC-32, 50% HFC-125), GWP of refrigerant used: 2088. Noise is tested in the semi-anechoic room, so it should be slightly higher in the actual Operation due to environmental change. Power input is tested under standard condition.