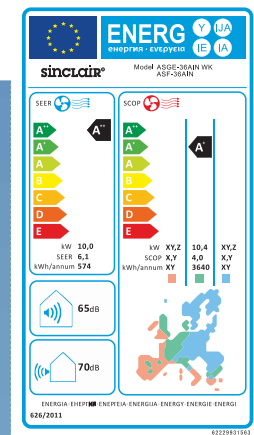


NEW UNI DC INVERTER SERIES



ASF-09AIN ASF-36AIN
ASF-12AIN ASF-42AIN
ASF-18AIN ASF-48AIN
ASF-24AIN ASF-60AIN

Anticorrosion treatment of exchangers
3-year warranty
Autorestart function
Silent operation

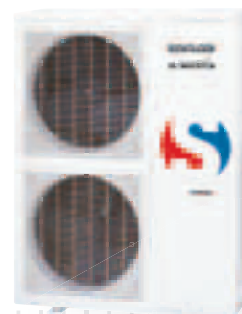
YOU SHOULD COMBINE INDOOR UNITS ASF-XXAIN
WITH SAME CAPACITY OUTDOOR UNIT ASGE-XXAIN WK
OR ASGE-XXAIN-3 WK.



DC INVERTER



ASF-XXAIN



ASGE-XXAIN WK

OPTIONAL ACCESSORIES

SCMI-01



FMD-01



SCC-16



SDM-01



G2S



TECHNICAL PARAMETERS

MODEL-ID			ASF-09AIN	ASF-12AIN	ASF-18AIN	ASF-24AIN	ASF-36AIN
MODEL-OD			ASGE-09AIN WK	ASGE-12AIN WK	ASGE-18AIN WK	ASGE-24AIN WK	ASGE-36AIN WK
Capacity cooling / heating	kW		2,7 (0,8-3,5) / 2,9 (0,8-3,8)	3,5 (0,9-3,9) / 3,8 (0,9-4,1)	5,0 (1,6-5,8) / 5,6 (1,4-6,8)	7,0 (2,4-8,2) / 8,0 (2,4-9,0)	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	1~ / 50 / 220-240
	OD	Hz / V	1~ / 50 / 220-240	1~ / 50 / 220-240	1~ / 50 / 220-240	1~ / 50 / 220-240	1~ / 50 / 220-240
Power input cooling / heating	W		840 / 800	1090 / 1050	1550 / 1550	2180 / 2210	3200 / 3400
Current cooling / heating	A		3,9 / 3,7	5,0 / 4,9	7,2 / 7,2	10,10 / 10,20	15,00 / 15,80
SEER / SCOP	-		6,1 / 3,8	6,1 / 4,0	6,1 / 4,0	5,6 / 4,0	6,1 / 4,0
Energy class	-		A++ / A	A++ / A+	A++ / A+	A+ / A+	A++ / A+
Air flow	ID	m³/h	600 / 550 / 450	700 / 600 / 500	1000 / 900 / 800	1200 / 1000 / 900	1900 / 1630 / 1520
	OD	m³/h	1800	1800	3200	4000	5100
Sound pressure level	ID	dB(A)	37 / 35 / 32 / 28	40 / 38 / 35 / 31	44 / 42 / 38 / 32	49 / 48 / 46 / 40	54 / 53 / 51 / 46
	OD	dB(A)	52	52	56	57	63
Dehumidifying volume	l/h		0,9	1,2	1,6	2,1	3,2
Refrigerant	Type / kg / t eq.CO ₂		R410A / 1,2 / 2,51	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	¼ / 6,4	¼ / 6,4	¼ / 6,4	¾ / 9,5	¾ / 9,5
	Gas side	inch / mm	¾ / 9,5	¾ / 9,5	¾ / 12,7	¾ / 15,9	¾ / 15,9
Max. pipe length	m		20	20	20	30	30
Max. elevation / Drop height	m		15	15	15	15	15
Standard pipe length	m		7	7	7	7	7
Additional refrigerant	g/m		30	30	30	60	60
Dimension (w x h x d)	ID	mm	1220x700x225	1220x700x225	1220x700x225	1220x700x225	1420x700x245
	OD	mm	850x540x320	850x540x320	955x700x395	980x790x425	1105x1100x440
Package dimension (w x h x d)	ID	mm	1343x823x315	1343x823x315	1343x823x315	1343x823x315	1548x828x345
	OD	mm	881x595x363	881x595x363	1029x750x458	1083x855x488	1158x1236x493
Net/ gross weight	ID	kg	38,0 / 47,0	39,0 / 48,0	39,0 / 48,0	40,0 / 50,0	48,0 / 56,0
	OD	kg	34,0 / 37,0	34,0 / 37,0	47,0 / 50,0	67,0 / 72,0	92,0 / 100,0
Operating temperature range	Cooling	°C	-15 ~ 48	-15 ~ 48	-15 ~ 48	-15 ~ 48	-15 ~ 48
	Heating	°C	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24

MODEL-ID			ASF-36AIN	ASF-42AIN	ASF-48AIN	ASF-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)	11,5 (3,6-12,5) / 13,5 (3,9-15,5)	14,0 (6,0-14,8) / 16,0 (5,2-18,0)	16,0 (7,4-16,5) / 17,0 (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 / 3400	3900 / 3700	4800 / 4300	5700 / 4600
Current cooling / heating	A		4,9 / 4,6	5,2 / 5,1	6,2 / 6,5	7,4 / 7,2
SEER / SCOP	-		6,1 / 4,0	5,6 / 4,0	5,6 / 4,0	5,1 / 4,0
Energy class	-		A++ / A+	A+ / A+	A+ / A+	A / A+
Air flow	ID	m³/h	1900 / 1630 / 1520	1900 / 1630 / 1520	2300 / 2100 / 1900	2500 / 2100 / 1900
	OD	m³/h	5100	6600	6600	8800
Sound pressure level	ID	dB(A)	54 / 53 / 51 / 46	55 / 54 / 52 / 47	57 / 55 / 50 / 46	58 / 56 / 51 / 46
	OD	dB(A)	63	64	64	68
Dehumidifying volume	l/h		3,2	3,4	4,2	4,8
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	1420x700x245	1420x700x245	1700x700x245	1700x700x245
	OD	mm	1105x1100x440	960x1350x410	960x1350x410	1085x1365x425
Package dimension (w x h x d)	ID	mm	1548x828x345	1548x828x345	1828x828x345	1828x828x345
	OD	mm	1158x1236x493	1043x1500x453	1043x1500x453	1143x1505x478
Net/ gross weight	ID	kg	48,0 / 56,0	50,0 / 58,0	59,0 / 68,0	59,0 / 68,0
	OD	kg	98,0 / 106,0	108,0 / 118,0	114,0 / 124,0	126,0 / 138,0
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.