



WALL MOUNTED SPLIT AIR CONDITIONERS

**SUMMER series
INVERTER R410A**

SPECIFICATIONS	indoor	FSAI-SU-90AE2	FSAI-SU-120AE2
	outdoor	FSOAI-SU-90AE2	FSOAI-SU-120AE2
Refrigerant		R 410A	R 410A
Rated Capacity Cooling *	W	2600(1050~3070)	3430(1200~3800)
Rated Capacity Heating *	W	2780(900~3220)	3600(990~4100)
SEER / Energy Efficiency Class Cooling	-	5,6 / A+	5,6 / A+
SCOP / Energy Efficiency Class Heating	-	3,9 / A	3,9 / A
Power Input * Cooling/Heating	W	910 / 900	1330 / 1120
Running Current * Cooling/Heating	A	4,0/3,9	5,8 / 5,0
Max. Current	A	8,7	8,7
Recommended Fuse Capacity	A	C 16A	C 16A
Power Source	V/ph/Hz	230/1/50	230/1/50
Design Load Cooling/Heating	kW	2,6 / 2,25	3,43 / 2,45
Annual Energy Consumption ** Cooling/Heating	kWh/a	163 / 808	214 / 879
Declared Capacity (reference design temp: -10°C)	kW	1,94	2,05
Needed Electric Back-up Heater(at -10°C)	kW	0,31	0,4
Bivalent Temperature	°C	-7°C	-7°C
Indoor Air Flow High/Med/Low	(m ³ /h)	430/375/300	560/490/395
Indoor Sound Pressure Level High/Med/Low	dB(A)	40/35/27	40/36/28
Sound Power Level (High) Indoor/Outdoor	dB(A)	54/60	54/63
Net Weight Indoor/Outdoor	kg	6,5/26,2	7,4/26,9
Dimension Indoor (WxHxD)	mm	715x250x188	800x275x188
Dimension Outdoor (WxHxD)	mm	780x540x250	780x540x250
Mounting Dimensions (Outdoor unit)	mm	549x276	549x276
Refrigerant piping Max. refrigerant pipe length	m	25	25
Refrigerant piping Max. difference in level	m	10	10
Refrigerant piping Pipe Size Liquid side/ Gas side	mm	6,35/9,53	6,35/9,53
Refrigerant Type and Charge Quantity	g	R 410A 800g	R 410A 800g
Additional Refrigerant Charge		over 5 m : 20 g/m	over 5 m : 20 g/m
Connection Cable between Indoor and Outdoor***	x mm ²	5x2,5	5x2,5
Power Source Cable ***	x mm ²	outdoor 3x2,5	outdoor 3x2,5
Operation Outdoor (Cooling/Heating) temperature	°C	-15 ~ 50 / -15 ~ 30	-15 ~ 50 / -15 ~ 30
Operation Indoor (Cooling/ Heating) temperature	°C	17°C - 32°C / 0°C - 30°C	
Compressor		rotary (DC inverter)	

The heating data regard the average season.

* Cooling / Heating data are based on the following conditions:

Cooling Indoor temp.:27°C DB / 19°C WB Outdoor temp.: 35°C DB / 24°C WB

Heating Indoor temp :20°C DB / 15°C WB Outdoor temp.: 7°C DB / 6°C WB

** Based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.

*** The wire diameters are suggested min. values. It must be controlled and calculated accordance with local rules and regulations.

FEATURES	FSAI-SU-90AE2	FSAI-SU-120AE2
"Silver ion" filter	•	•
"Cold-catalyst" filter	•	•
"BLUE FIN" coating on the heat exchangers	•	•
Self cleaning function	•	•
"Follow me" function	•	•
Current settings can be memorized	•	•
Timer	24 h (Time interval)	
Sleep timer	•	•
DRY mode	•	•
Anti cold air function	•	•
TURBO mode	•	•
Swing (up/down)	•	•
Auto changeover (cooling/heating)	•	•
Auto restart	•	•
5 grades outdoor fan speed	•	•
Refrigerant leakage detect	•	•
1 W Stand-by	•	•
Digital display	•	•
Infra remote controller	•	•
Inverter	" DC" inverter	"DC" inverter