



PROFESSIONAL series INVERTER R410A

WALL MOUNTED SPLIT AIR CONDITIONERS

SPECIFICATIONS		indoor	FSAIF-Pro-95AE2	FSAIF-Pro-125AE2	FSAIF-Pro-185AE2	FSAIF-Pro-245AE2
		outdoor	FSOAIF-Pro-95AE2	FSOAIF-Pro-125AE2	FSOAIF-Pro-185AE2	FSOAIF-Pro-245AE2
Refrigerant			R 410A	R 410A	R 410A	R 410A
Rated Capacity Cooling *		W	2700(1230~3310)	3500(1380~4510)	5300(1845~6180)	7000(2670~8080)
Rated Capacity Heating *		W	2930(910~3750)	3800(1085~4920)	5560(1380~6800)	7910(2200~9290)
SEER / Energy Efficiency Class Cooling		-	7,4 / A++	6,8 / A++	6,8 / A++	6,6 / A++
SCOP / Energy Efficiency Class Heating		-	4,2 / A+	4,2 / A+	4,0 / A+	4,0 / A+
Power Input *	Cooling/Heating	W	750 / 770	1090 / 1030	1550 / 1500	2260 / 2320
Running Current *	Cooling/Heating	A	3,3 / 3,4	5,1 / 4,9	6,7 / 6,5	9,8 / 10,1
Max. Current		A	9,5	10	11,5	17
Recommended Fuse Capacity		A	C 16A	C 16A	C 16A	C 20A
Power Source		V/f/Hz	230/1/50	230/1/50	230/1/50	230/1/50
Design Load	Cooling/Heating	kW	2,7 / 2,6	3,5 / 2,8	5,3 / 4,2	7,0 / 5,6
Annual Energy Consumption **	Cooling/Heating	kWh/a	128 / 867	180 / 933	273 / 1470	371 / 1960
Declared Capacity (reference design temp: -10°C)		kW	2,1	2,2	3,7	5,6
Needed Electric Back-up Heater(at -10°C)		kW	0,5	0,6	0,5	0
Bivalent Temperature		°C	-7	-7	-7	-10
Indoor Air Flow	High/Med/Low	(m ³ /h)	420/310/240	520/460/270	750/500/420	1060/830/610
Indoor Sound Pressure Level	High/Med/Low	dB(A)	37/33/23/22	39/35/24/22	42/34/29/22	48/43/32/23
Sound Power Level (High)	Indoor/Outdoor	dB(A)	53/58	52/60	57/62	61/66
Net Weight	Indoor/Outdoor	kg	7,2/26,6	8,1/29,1	10,4/37,8	12,9/48,4
Dimension	Indoor (WxHxD)	mm	722x290x187	802x297x189	965x319x215	1080x335x226
	Outdoor (WxHxD)	mm	770x555x300	800x554x333	800x554x333	845x702x363
Mounting Dimensions (Outdoor unit)		mm	487x298	514x340	514x340	540x350
Refrigerant piping	Max. refrigerant pipe length	m	25	25	30	50
	Max. difference in level	m	10	10	20	25
	Pipe Size Liquid side/ Gas side	mm	6,35/9,53	6,35/9,53	6,35/12,7	9,52/15,9
Refrigerant Type and Charge Quantity		g	R 410A 800g	R 410A 950g	R 410A 1480g	R 410A 2000g
Additional Refrigerant Charge			over 5 m 15 g/m	over 5 m 15 g/m	over 5 m 15 g/m	over 5 m 15 g/m
Connection Cable between Indoor and Outdoor***		x mm ²	5x2,5	5x2,5	5x2,5	5x2,5
Power Source Cable ***		x mm ²	outdoor 3x2,5	outdoor 3x2,5	outdoor 3x2,5	outdoor 3x2,5
Operation temperature	Outdoor (Cooling/Heating)	°C	-15 ~ 50 / -15 ~ 30	-15 ~ 50 / -15 ~ 30	-15 ~ 50 / -15 ~ 30	-15 ~ 50 / -15 ~ 30
		Indoor (Cooling/ Heating)	17°C - 32°C / 0°C - 30°C			
Compressor			rotary (DC inveter)			

The heating data regard the avarage 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	FSAIF-Pro-95AE2	FSAIF-Pro-125AE2	FSAIF-Pro-185AE2	FSAIF-Pro-245AE2
WIFI connection *	optional	optional	optional	optional
Wired remote controller connection possibility *	optional	optional	optional	optional
"Plasma" filter	✓	✓	✓	✓
"SILVER ION" filter	✓	✓	✓	✓
"Cold-catalyst" filter	✓	✓	✓	✓
"GOLDEN FIN" coating on the heat exchangers	✓	✓	✓	✓
Digital display	✓	✓	✓	✓
Display light can be switched off	✓	✓	✓	✓
Self cleaning function	✓	✓	✓	✓
"Follow me" function	✓	✓	✓	✓
8 °C heating function	✓	✓	✓	✓
Silent mode	✓	✓	✓	✓
Timer	24 h (Time interval)			
Sleep timer	✓	✓	✓	✓
DRY mode	✓	✓	✓	✓
Anti cold air function	✓	✓	✓	✓
TURBO mode	✓	✓	✓	✓
3D airflow (up/down/left/right swing)	✓	✓	✓	✓
Auto changeover (cooling/heating)	✓	✓	✓	✓
Auto restart	✓	✓	✓	✓
5 grades outdoor fan speed	✓	✓	✓	✓
Refrigerant leakage detect	✓	✓	✓	✓
1 W Stand-by	✓	✓	✓	✓
Heating belt on compressor	✓	✓	✓	✓
Heating belt in drip tray	✓	✓	✓	✓
Full size installation plate	✓	✓	✓	✓
Filter cleaning reminder	optional	optional	optional	optional
Infra remote controller	✓	✓	✓	✓
Inverter	"3D DC" inverter	"3D DC" inverter	"3D DC" inverter	"3D DC" inverter

* only one of these two options can be use.

Specifications and design are subject to change without notice for future improvement.