



**PROFESSIONAL series
INVERTER R410A**

WALL MOUNTED SPLIT AIR CONDITIONERS

SPECIFICATIONS	indoor	FSAIF-Pro-94AE2	FSAIF-Pro-124AE2	FSAIF-Pro-184AE2	FSAIF-Pro-244AE2	
	outdoor	FSAIF-Pro-94AE2	FSAIF-Pro-124AE2	FSAIF-Pro-184AE2	FSAIF-Pro-244AE2	
Refrigerant		R 410A	R 410A	R 410A	R 410A	
Rated Capacity Cooling *	W	2600(1230-3310)	3500(1290-4450)	5300(1820-6120)	7000(2670-7880)	
Rated Capacity Heating *	W	2930(850-3720)	3800(1200-4860)	5560(1380-6730)	7320(1610-8790)	
SEER / Energy Efficiency Class Cooling	-	6,9 / A++	6,8 / A++	6,5 / A++	6,3 / A++	
SCOP / Energy Efficiency Class Heating	-	4,1 / A+	4,4 / A+	4,2 / A+	4,0 / A+	
Power Input * Cooling/Heating	W	800 / 915	1170 / 1120	1630 / 1540	2680 / 2550	
Running Current * Cooling/Heating	A	3,5 / 4,0	5,1 / 4,9	7,1 / 6,7	11,7 / 11,1	
Max. Current	A	9,5	10	11,5	17	
Recommended Fuse Capacity	A	C 16A	C 16A	C 16A	C 20A	
Power Source	V/ph/Hz	230/1/50	230/1/50	230/1/50	230/1/50	
Design Load Cooling/Heating	kW	2,6 / 2,5	3,5 / 2,6	5,3 / 4,3	7,0 / 5,5	
Annual Energy Consumption ** Cooling/Heating	kWh/a	132 / 854	180 / 827	285 / 1433	389 / 1925	
Declared Capacity (reference design temp: -10°C)	kW	2,15	2,6	3,71	5,0	
Needed Electric Back-up Heater(at -10°C)	kW	0,35	0	0,59	0,5	
Bivalent Temperature	°C	-7°C	-10°C	-7°C	-7°C	
Indoor Air Flow High/Med/Low	(m ³ /h)	430/320/230	485 / 390 / 310	610/460/360	960 / 820 / 650	
Indoor Sound Pressure Level High/Med/Low	dB(A)	38/31/26	36/29/23	36/29/23	43/37/31	
Sound Power Level (High) Indoor/Outdoor	dB(A)	52/58	51/60	55/63	61/68	
Net Weight Indoor/Outdoor	kg	6,5/26,6	7,4/29,1	9/37,8	12/48,4	
Dimension	Indoor (WxHxD)	mm	715x250x188	800x275x188	940x275x205	1045x315x235
	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 : 30 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)	°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	FSAIF-Pro-94AE2	FSAIF-Pro-124AE2	FSAIF-Pro-184AE2	FSAIF-Pro-244AE2
WiFi *	optional	optional	optional	optional
Wired remote controller connection possibility *	optional	optional	optional	optional
Ionizer	✓	✓	✓	✓
"Silver ion" 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	✓	✓	✓	✓
Automatic airflow SWING (up/down)	✓	✓	✓	✓
Auto changeover (cooling/heating)	✓	✓	✓	✓
Auto restart	✓	✓	✓	✓
5 grades outdoor fan speed	✓	✓	✓	✓
Refrigerant leakage detect	✓	✓	✓	✓
1 W Stand-by	✓	✓	✓	✓
Heating belt for the compressor	optional	optional	optional	optional
Heating belt for the outdoor drain pan	optional	optional	optional	optional
Full size installation plate		✓	✓	✓
Infra remote controller	✓	✓	✓	✓
Inverter	"3D DC" inverter	"3D DC" inverter	"3D DC" inverter	"3D DC" inverter

* only one of these two option can be used

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

2016/01