

SPECIFICATIONS

ELECTRICAL DATA

TYPE		Inverter Cool & Heat		Inverter Cool & Heat		Inverter Cool & Heat	
INDOOR UNIT		ARYF12LALU		ARYF14LALU		ARYF18L_LU	
OUTDOOR UNIT		AOYA12LA_L	AOYB12LA_L	AOYA14LA_L	AOYB14LA_L	AOYA18LA_L	AOYB18LA_L
COOLING CAPACITY		3.50 kW		4.30 kW		5.20 kW	
HEATING CAPACITY		4.10 kW		5.00 kW		6.00 kW	
POWER SOURCE		230 V		230 V		230 V	
FREQUENCY		50 Hz		50 Hz		50 Hz	
RUNNING CURRENT	Cooling	4.6 A	4.9 A	5.8 A	6.2 A	7.1 A	7.4 A
	Heating	4.9 A	5.1 A	5.9 A	6.2 A	7.3 A	7.7 A
INPUT WATTS	Cooling	1.05 kW	1.11 kW	1.33 kW	1.41 kW	1.62 kW	1.70 kW
	Heating	1.11 kW	1.17 kW	1.34 kW	1.42 kW	1.66 kW	1.75 kW
E.E.R.	Cooling	3.33 kW/kW	3.15 kW/kW	3.21 kW/kW	3.05 kW/kW	3.21 kW/kW	3.06 kW/kW
	Heating	3.69 kW/kW	3.50 kW/kW	3.71 kW/kW	3.52 kW/kW	3.61 kW/kW	3.43 kW/kW
STARTING CURRENT		4.9 A		5.9 A		7.7 A	
MOISTURE REMOVAL		1.3 L/hr		1.5 L/hr		2.0 L/hr	
MAXIMUM CURRENT		10.0 A		12.5 A		12.5 A	

Note : The above list shows values at the external static pressure of 0Pa, setting the fan speed high notch. (indoor unit)

FAN SPEED

INDOOR UNIT	Discrimination	MFH-24RVL	MFH-24RVL	MFH-24RVL
	High	880 r.p.m.	1,040 r.p.m.	1,040 r.p.m.
	Med	780 r.p.m.	950 r.p.m.	950 r.p.m.
	Low	720 r.p.m.	840 r.p.m.	840 r.p.m.
	Quiet	620 r.p.m.	740 r.p.m.	740 r.p.m.
OUTDOOR UNIT	Discrimination	MFE-18ROM	MFE-18ROM	MFE-18ROM
	Cooling	770 r.p.m.	820 r.p.m.	860 r.p.m.
	Heating	700 r.p.m.	750 r.p.m.	820 r.p.m.

Note : The above list shows values at the external static pressure of 0Pa, setting the fan speed high notch. (indoor unit)

AIR FLOW

INDOOR UNIT	High	720 m ³ /h	870 m ³ /h	820 m ³ /h
	Med	630 m ³ /h	770 m ³ /h	720 m ³ /h
	Low	560 m ³ /h	670 m ³ /h	610 m ³ /h
	Quiet	480 m ³ /h	580 m ³ /h	550 m ³ /h
OUTDOOR UNIT	Cooling	1,780 m ³ /h	1,910 m ³ /h	2,000 m ³ /h
	Heating	1,630 m ³ /h	1,740 m ³ /h	1,910 m ³ /h

Note : The above list shows values at the external static pressure of 0Pa, setting the fan speed high notch. (indoor unit)

INDOOR UNIT	ARYF12LALU	ARYF14LALU	ARYF18L_LU
OUTDOOR UNIT	AOY_12LA_L	AOY_14LA_L	AOY_18LA_L

NOISE LEVEL

INDOOR UNIT	High speed	32 dB	33 dB	33 dB
	Med speed	30 dB	31 dB	31 dB
	Low speed	28 dB	29 dB	29 dB
	Quiet	26 dB	27 dB	27 dB
OUTDOOR UNIT	Cooling	47 dB	49 dB	50 dB
	Heating	48 dB	49 dB	50 dB

Note : Static pressure : 0Pa

Duct length : Inlet 1m, Outlet 2m (indoor uit)

MEASUREMENT

DIMENSIONS H x W x D	Indoor unit	217 x 953 x 595 mm
	Outdoor unit	578 x 790 x 300 mm
WEIGHT Gross / Net	Indoor unit	27 kg / 23 kg
	Outdoor unit	44 kg / 40 kg

COMPRESSOR AND REFRIGERANT

COMPRESSOR TYPE	Hermetic type, 4 poles, DC motor, Twin Rotary		
DISCRIMINATION	DA130AIF-25NA		
WEIGHT (with oil)	9.6 kg		
REFRIGERANT TYPE	R410A	R410A	R410A
STANDARD REFRIGERANT	1,150 g	1,250 g	1,250 g
FULL CHARGE Pipe Length	15 m	1,150 g	1,250 g
	20 m	1,250 g	1,350 g
	25 m	1,350 g	1,450 g
ADDITIONAL CHARGE	20 g/m	20 g/m	20 g/m
MAXIMUM PIPE HEIGHT	15 m	15 m	15 m