



SPLIT AIR Conditioners

ALFA series

Features

- SPLIT – indoor and outdoor units
- WIFI module internal
- Refrigerent R32
- High efficiency A++ (cooling), A+ (heating)
- Inverter control
- Remote control
- Safe anti-fire construction
- Self-cleaning
- 6-fan speed
- Parents control
- ECO mode
- Easy washable filter
- 3D AIR FLOW

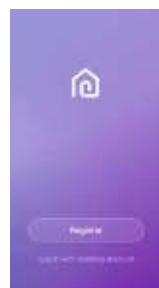


Photo

Mobile App (free for android and ios):



Smart Life





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Specification

Model			ALFA 12K WIFI	ALFA 18K WIFI	ALFA 24K WIFI
Type			heating pump	heating pump	heating pump
Control type			remote controller	remote controller	remote controller
Declared cooling capacity	W		3500(1000~3870)	5130(1250-5920)	6810(1830~7810)
Declared heating capacity	W		3520(1000~3950)	5230(1350-6280)	6870(1850~7930)
Pdesignc	W		3500	5100	6800
Pdesignh	W		2400	4500	5500
SEER declared	W/W		6,5	6,3	6,5
Energy Class			A++	A++	A++
SCOP Average declared	W/W		4,0	4,0	4,1
Energy Class			A+	A+	A+
Annual energy consumption	Cooling	kwh/a	188	283	366
	Heating	kwh/a	840	1575	1878
Moisture removal		Liters/h	1,1	1,5	1,8
Indoor sound power (H/M/L/Mute)		dB(A)	50/43/35/29	53/48/43/37	54/51/48/40
Outdoor sound power		dB(A)	60	65	67
Indoor sound pressure (H/M/L/Mute)		dB(A)	40/33/25/19	43/40/35/27	44/41/38/30
Outdoor sound pressure		dB(A)	50	55	57
ELECTRICAL DATA					
Power supply			220-240V~/50Hz/1P	220-240V~/50Hz/1P	220-240V~/50Hz/1P
Voltage Range		V	165~265	165~265	165~265
Operating current	Cooling	A	4.8(1.5~7.0)	7.2(1.7~10.8)	8.9(2.3~12.5)
	Heating	A	4.7(1.5~7.2)	7.3(1.7~12.0)	9.0(2.3~13.7)
Power consumption	Cooling	W	1040(290~1400)	1530(330-2250)	1980(410~2800)
	Heating	W	1020(290~1430)	1550(340-2350)	2050(420~3000)
REFRIGERATING SYSTEM					
Refrigerant type/Charge/GWP/CO2 equivalent			R32/0.55kg/675/0.372 tonnes	R32/0.92kg/675/0.621 tonnes	R32/1.06kg/675/0.716 tonnes
Compressor	Type		Rotary		



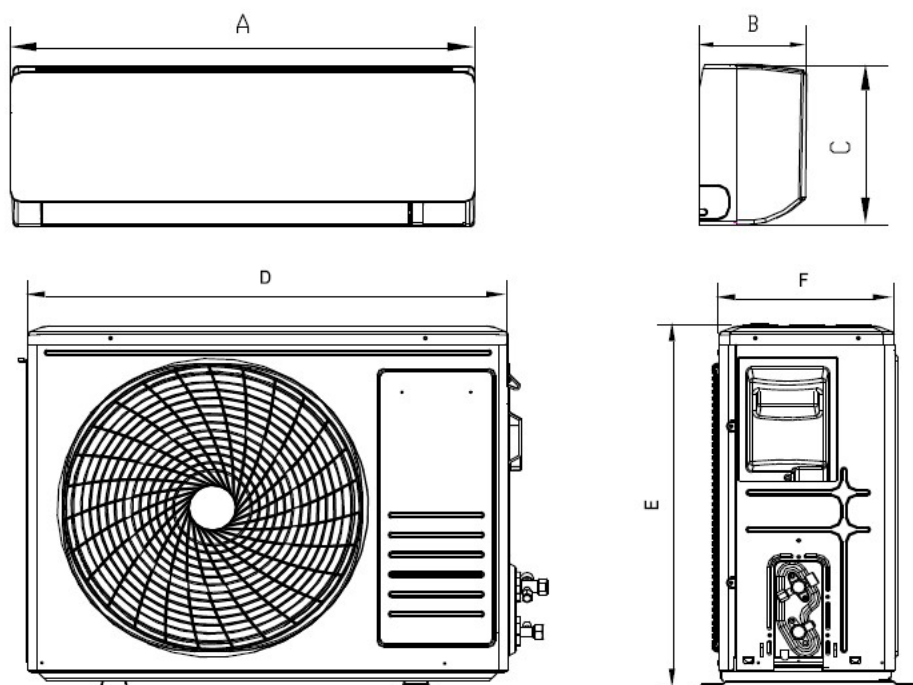
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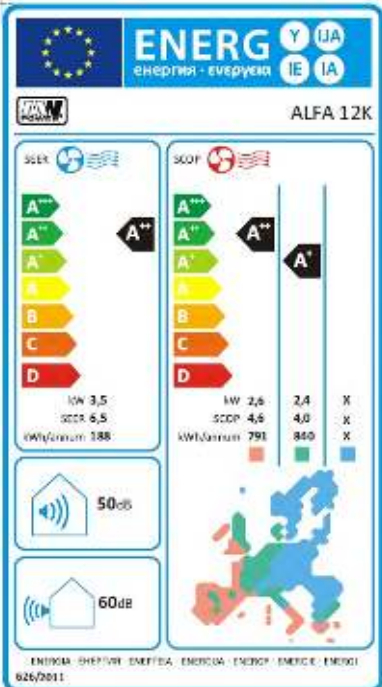
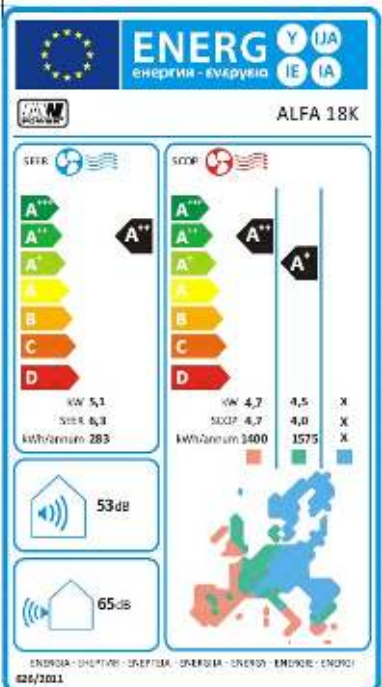
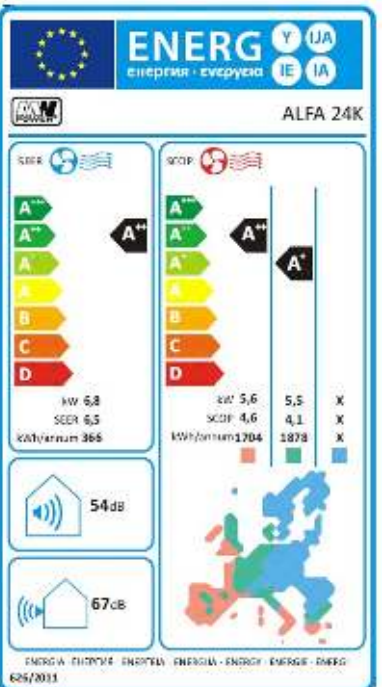
Indoor air circulation Cooling/heating		m³/h	550/550	800/800	970/980
Indoor fan type			Cross Flow		
Outdoor fan type			Propeller fan		
Connecting Wiring	Core x Size		4×1.5mm²	4×1.5mm²	4×0.75mm²*
Expension device			Capillary	Electronic expansion valve	Electronic expansion valve
Connecting Pipe	Gas	Inches	3/8"	3/8"	1/2"
	Liquid	Inches	1/4"	1/4"	1/4"
OTHERS					
Max. refrigerant pipe length		m	25	25	25
Max. difference in level		m	10	10	10
Operation temperature range		°C	16-31	16-31	16-31
Ambient temperature range	Outdoor	°C	Cooling:0-53 Heating:-20-30	Cooling:-15-50 Heating:-20-30	Cooling:-15-50 Heating:-20-30
	Indoor	°C	Cooling:17-32 Heating:0-30	Cooling:17-32 Heating:0-30	Cooling:17-32 Heating:0-30
Net dimensions	Indoor	mm	777×250×205	910×292×205	1010×315×220
(W x H x D)	Outdoor	mm	777x290x498	780×602×347	845×693×336
Net weight	Indoor	kg	8,5	10	13
	Outdoor	kg	22	36	46
Packing dimensions	Indoor	mm	850x320x275	977×367×276	1094×386×300
(W x H x D) w/o pipe	Outdoor	mm	818×325×520	890×628×385	960×732×400
w/i pipe	Outdoor	mm	818×325×520	890×628×385	960×732×430
Gross weight	Indoor	kg	10,5	13	16
	Outdoor	kg	25(w/o pipe) 26(w/i pipe)	40(w/o pipe) 41(w/i pipe)	52(w/o pipe) 55(w/i pipe)
Loading Capacity w/o pipe	20'/40'GQ/40'HQ		128/259/310	82/180/212	66/140/150
Loading Capacity w/i pipe	20'/40'GQ/40'HQ		128/259/310	82/180/212	62/130/144

* Alfa 24K is powered from outdoor unit, Alfa 12/18k are powered from indoor unit.

Technical drawing



Efficiency label

ALFA 12K WIFI	ALFA 18K WIFI	ALFA 24K WIFI
 ENERG Y IJA energies - енергії IE IA ALFA 12K SEER: A⁺⁺⁺ A⁺⁺ A⁺ A B C D kW 3,5 SEER 6,5 kWh/annum 188 SCOP: A⁺⁺⁺ A⁺⁺ A⁺ A B C D kW 2,4 SCOP 4,6 kWh/annum 791 50dB 60dB ENTRADA - ENTRADA - ENTRADA - ENTRADA - ENTRADA - ENTRADA - ENTRADA 626/2011	 ENERG Y IJA energies - енергії IE IA ALFA 18K SEER: A⁺⁺⁺ A⁺⁺ A⁺ A B C D kW 5,1 SEER 6,3 kWh/annum 283 SCOP: A⁺⁺⁺ A⁺⁺ A⁺ A B C D kW 4,2 SCOP 4,7 kWh/annum 1400 53dB 65dB ENTRADA - ENTRADA - ENTRADA - ENTRADA - ENTRADA - ENTRADA - ENTRADA 626/2011	 ENERG Y IJA energies - енергії IE IA ALFA 24K SEER: A⁺⁺⁺ A⁺⁺ A⁺ A B C D kW 6,8 SEER 6,5 kWh/annum 366 SCOP: A⁺⁺⁺ A⁺⁺ A⁺ A B C D kW 5,6 SCOP 4,6 kWh/annum 1704 54dB 67dB ENTRADA - ENTRADA - ENTRADA - ENTRADA - ENTRADA - ENTRADA - ENTRADA 626/2011