

SPLIT AIR Conditioner ALFA

Features

- SPLIT – indoor and outdoor units
- Refrigerant R32
- High efficiency DC Inverter split
- Remote control
- WIFI module as standard
- High efficiency A++ (cooling), A+ (heating)
- Healthy filter
- 4D airflow
- Anti-Cold Air
- Auto-cleaning
- 6-fan speed
- I-feel mode
- Children lock
- ECO mode



Mobile App (TUYA standard):



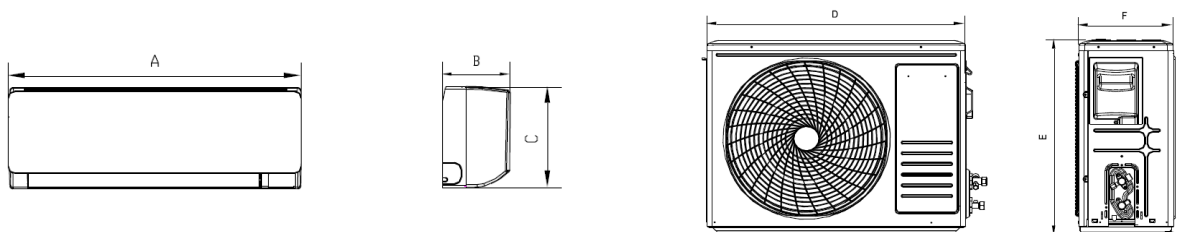
Specification

ALFA 09K WIFI V1			ALFA 12K WIFI V1	ALFA 18K WIFI V1	ALFA 24K WIFI V1
Type		heating pump	heating pump	heating pump	heating pump
Control type		remote controller	remote controller	remote controller	remote controller
Declared cooling capacity	W	2600(940~3300)	3400(1000~3770)	5100(1250-5910)	6810(1830~7800)
Declared heating capacity	W	2610(940~3360)	3420(1000~3810)	5100(1250-6070)	6870(1850~7900)
Pdesignnc	W	2600	3400	5100	6800
SEER declared	W/W	6,1	6,1	6,1	6,1
Energy Class		A++	A++	A++	A++
EER declared	W/W	3,15	3,01	3,23	3,11
COP declared	W/W	3,4	3,4	3,71	3,33
Pdesignh Average	W	2000	2100	3800	4800
SCOP Average declared	W/W	4,0	4,0	4,0	4,0
Energy Class(Average)		A+	A+	A+	A+
Declare capacity(-10°C)	W	1900	2000	3600	4500
Back up heating capacity(-10°C)	W	100	100	200	300
Pdesignh warmer	W	2200	2400	5000	5800
SCOP Warmer declared	W/W	5,1	5,1	5,1	5,1
Energy Class(Warmer)		A+++	A+++	A+++	A+++
Declare capacity(2°C)	W	2200	2400	5000	5800
Back up heating capacity(2°C)	W	0	0	0	0
Pdesignh colder	W	/	/	4000	4700
SCOP Colder declared	W/W	/	/	3,4	3,4
Energy Class(Colder)		/	/	A	A
Declare capacity(-22°C)	W	/	/	3700	4400
Back up heating capacity(-22°C)	W	/	/	300	300
Annual energy consumption	Cooling	kwh/a	149	195	293
	Average	kwh/a	700	735	1330
	Warmer	kwh/a	604	659	1373
Moisture removal	L/h	1	1,2	1,5	1,8
Indoor sound power(S/H/M/L/Mute)	dB(A)	50/47/43/35/32	50/47/43/35/32	53/50/47/43/36	54/51/48/44/40
Outdoor sound power	dB(A)	60	60	65	67
Indoor sound pressure(S/H/M/L/Mute)	dB(A)	40/37/33/25/22	40/37/33/25/22	43/41/38//35/27	44/41/38/34/30
Outdoor sound pressure	dB(A)	50	50	55	57
Electrical Data					
Power supply		220-240V~/50Hz/1P	220-240V~/50Hz/1P	220-240V~/50Hz/1P	220-240V~/50Hz/1P
Power supply side		Outdoor	Outdoor	Outdoor	Outdoor
Voltage Range	V	165~265	165~265	165~265	165~265
Operating current	Cooling	A	4.0(1.2~8.0)	5.8(1.5~9.0)	8.1(1.7~12.0)
	Heating	A	3.8(1.2~9.0)	5.1(1.5~10.0)	7.0(1.7~13.0)
Power consumption	Cooling	W	825(240~1380)	1130(290~1500)	1580(330-2340)
	Heating	W	767(240~1552)	1005(290~1720)	1374(340-2520)



Refrigerating System						
Refrigerant type/Charge/GWP/CO2 equivalent			R32/0.45kg/675/0.304t.	R32/0.49kg/675/0.331t.	R32/1kg/675/0.675t.	R32/1.14kg/675/0.770t.
Compressor	Type		Rotary	Rotary	Rotary	Rotary
Indoor air circulation Cooling/heating		m³/h	420/420	550/550	800/800	980/980
Indoor fan type			Cross Flow	Cross Flow	Cross Flow	Cross Flow
Outdoor fan type			Propeller fan	Propeller fan	Propeller fan	Propeller fan
Outdoor air circulation		m3/h	1700	1700	2600	3000
Connections						
Connecting Wiring	Core x Size		4x0.75mm²	4x0.75mm²	4x0.75mm²	4x0.75mm²
Expension device			Capillary	Capillary	Capillary	Capillary
Connecting Pipe	Gas	Inches	3/8"	3/8"	3/8"	1/2"
	Liquid	Inches	1/4"	1/4"	1/4"	1/4"
Others						
Max. refrigerant pipe length		m	25	25	25	25
Max. difference in level		m	10	10	10	10
Operation temperature range		°C	16-31	16-31	16-31	16-31
Ambient temperature range	Outdoor	°C	Cooling:-15-53/Heating:-20-30	Cooling:-15-53/Heating:-20-30	Cooling:-15-53/Heating:-20-30	Cooling:-15-53/Heating:-20-30
	Indoor	°C	Cooling:17-32/Heating:0-30	Cooling:17-32/Heating:0-30	Cooling:17-32/Heating:0-30	Cooling:17-32/Heating:0-30
Net dimensions	Indoor	mm	698×255×190	777×250×201	910×294×206	1010×315×220
(W x H x D)	Outdoor	mm	712×276×459	712×276×459	853×602×349	920×699×380
Net weight	Indoor	kg	6,5	7,5	10	13
	Outdoor	kg	22	22	35	40

Technical drawing



Efficiency labels

