

**|||||**  
**SERVICE MANUAL**

**sinclair**  
FLAT SERIE



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**ASH-09AF**

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**ASH-12AF**

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CE Standard, 1Ph 220-230V 50Hz, R407C

# Technical specifications

## ASH-09AF

Model		ASH-09AF	
Function		COOLING	HEATING
Rated Voltage		230 V~	
Rated Frequency		50 Hz	
<b>Capacity (W)</b>		2500	2700
<b>Power Input (W)</b>		780 790	
<b>Rated Input (W)</b>		960 1	120
<b>Rated Current (A)</b>		4.17 4.87	
<b>Air Flow Volume (m<sup>3</sup>/h)</b>		450	
Dehumidifying Volume (l/h)		1	
<b>C.O.P / EER (W/W)</b>		3.2 3.4	
<b>Indoor unit</b>	<b>Model of Indoor Unit</b>	ASH-09AF	
	Fan Motor Speed (r/min) (H/M/L)	1450/1330/1200	
	Output of Fan Motor (w)	20	
	Input of Heater (w)	/	
	Fan Motor Capacitor (uF)	0.8	
	Fan Motor RLA (A)	0.09	
	Fan Type-Piece	Cross flow fan – 1	
	Diameter-Length (mm)	φ77 X 753	
	Evaporator	Aluminum fin-copper tube	
	Pipe Diameter (mm)	φ7	
	Row-Fin Gap(mm)	2-1.4	
	Coil length (l) x height (H) x coil width (L)	749X231.6X25.4	
	Swing Motor Model	MP24GA	
	Output of Swing Motor (W)	2	
	Fuse (A)	PCB 3.15A T ransformer 0.2A	
	Sound Pressure Level dB (A) (H/M/L)	38/35/32	
	Sound Power Level dB (A) (H/M/L)	48/45/42	
Dimension (W/D/H)( mm)	1005X150X290		
Dimension of Package (W/D/H)( mm)	1080X243X358		
Net Weight /Gross Weight (kg)	11/13		

## ASH-09AF

Outdoor unit	<b>Model of Outdoor Unit</b>	ASH-09AF
	<b>Compressor Model</b>	C-1RV096H1A
	<b>Compressor Type</b>	Rotary
	<b>L.R.A. (A)</b>	17
	<b>Compressor RLA(A)</b>	3.70
	<b>Compressor Power Input (W)</b>	810
	<b>Overload Protector</b>	B150-145-241E
	<b>Throttling Method</b>	Capillary
	<b>Starting Method</b>	Capacitor
	<b>Working Temp Range (°C)</b>	-7~43°C
	<b>Condenser</b>	Aluminum fin-copper tube
	<b>Pipe Diameter (mm)</b>	φ9.52
	<b>Rows-Fin Gap(mm)</b>	2-1.8
	<b>Coil length (l) x height (H) x coil width (L)</b>	747X508X44
	<b>Fan Motor Speed (rpm)</b>	830
	<b>Output of Fan Motor (W)</b>	30
	<b>Fan Motor RLA(A)</b>	0.13
	<b>Fan Motor Capacitor (uF)</b>	2.5
	<b>Air Flow Volume of Outdoor Unit</b>	\
	<b>Fan Type-Piece</b>	Axial fan -1
	<b>Fan Diameter (mm)</b>	400
	<b>Defrosting Method</b>	Auto defrost
	<b>Climate Type</b>	T1
	<b>Isolation</b>	I
	<b>Moisture Protection</b>	IP24
	<b>Permissible Excessive Operating Pressure for the Discharge Side(MPa)</b>	3.8
	<b>Permissible Excessive Operating Pressure for the Suction Side(MPa)</b>	1.2
	<b>Sound Pressure Level dB (A)</b>	53
	<b>Sound Power Level dB (A)</b>	63
	<b>Dimension (W/D/H)( mm)</b>	848X320X540
<b>Dimension of Package (W/D/H)( mm)</b>	878X360X600	
<b>Net Weight /Gross Weight (kg)</b>	32/36	
<b>Refrigerant Charge (kg)</b>	1.35	

Connection Pipe	Length (m)		4
	Outer Diameter	Liquid Pipe (mm)	φ6
		Gas Pipe (mm)	φ9.52
	Max Distance	Height (m)	5
		Length (m)	10

## ASH-12AF

Model		ASH-12AF	
Function		COOLING	HEATING
Rated Voltage		230 V~	
Rated Frequency		50 Hz	
<b>Capacity (W)</b>		3500	3700
<b>Power Input (W)</b>		1090	1090
<b>Rated Input (W)</b>		1440	1440
<b>Rated Current (A)</b>		6.26	6.26
<b>Air Flow Volume (m<sup>3</sup>/h)</b>		500	
Dehumidifying Volume (l/h)		1	
<b>C.O.P / EER (W/W)</b>		3.2	3.4
<b>Indoor unit</b>	<b>Model of Indoor Unit</b>	ASH-12AF	
	Fan Motor Speed (r/min) (H/M/L)	1450/1330/1200	
	Output of Fan Motor (w)	20	
	Input of Heater (w)	/	
	Fan Motor Capacitor (uF)	1.0	
	Fan Motor RLA (A)	0.09	
	Fan Type-Piece	Cross flow fan – 1	
	Diameter-Length (mm)	φ77 X 753	
	Evaporator	Aluminum fin-copper tube	
	Pipe Diameter (mm)	φ7	
	Row-Fin Gap(mm)	2.5-1.4	
	Coil length (l) x height (H) x coil width (L)	749X231.6X25.4	
	Swing Motor Model	MP24GA	
	Output of Swing Motor (W)	2	
	Fuse (A)	PCB 3.15A Transformer 0.2A	
	Sound Pressure Level dB (A) (H/M/L)	40/37/34	
	Sound Power Level dB (A) (H/M/L)	50/47/44	
Dimension (W/D/H)( mm)	1005X150X290		
Dimension of Package (W/D/H)( mm)	1080X243X358		
Net Weight /Gross Weight (kg)	11/13		

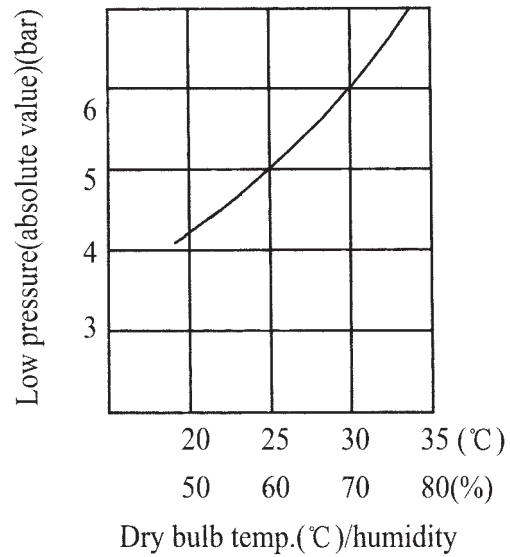
## ASH-12AF

Outdoor unit	<b>Model of Outdoor Unit</b>	ASH-12AF
	<b>Compressor Model</b>	C-RV133H1A
	<b>Compressor Type</b>	Rotary
	<b>L.R.A. (A)</b>	24
	<b>Compressor RLA(A)</b>	5.45
	<b>Compressor Power Input(W)</b>	1200
	<b>Overload Protector</b>	B210-145-241E
	<b>Throttling Method</b>	Capillary
	<b>Starting Method</b>	Capacitor
	<b>Working Temp Range (°C)</b>	-7~43°C
	<b>Condenser</b>	Aluminum fin-copper tube
	<b>Pipe Diameter (mm)</b>	φ9.52
	<b>Rows-Fin Gap(mm)</b>	2-1.4
	<b>Coil length (l) x height (H) x coil width (L)</b>	747X508X44
	<b>Fan Motor Speed (rpm)</b>	830
	<b>Output of Fan Motor (W)</b>	30
	<b>Fan Motor RLA(A)</b>	0.13
	<b>Fan Motor Capacitor (uF)</b>	2.5
	<b>Air Flow Volume of Outdoor Unit</b>	/
	<b>Fan Type-Piece</b>	Axial fan -1
	<b>Fan Diameter (mm)</b>	φ400
	<b>Defrosting Method</b>	Auto defrost
	<b>Climate Type</b>	T1
	<b>Isolation</b>	I
	<b>Moisture Protection</b>	IP24
	<b>Permissible Excessive Operating Pressure for the Discharge Side(MPa)</b>	3.8
	<b>Permissible Excessive Operating Pressure for the Suction Side(MPa)</b>	1.2
	<b>Sound Pressure Level dB (A)</b>	54
	<b>Sound Power Level dB (A)</b>	64
	<b>Dimension (W/D/H)( mm)</b>	848X320X540
<b>Dimension of Package (W/D/H)( mm)</b>	878X360X600	
<b>Net Weight /Gross Weight (kg)</b>	36/40	
<b>Refrigerant Charge (kg)</b>	1.4	

Connection Pipe	Length (m)		4
	Outer Diameter	Liquid Pipe (mm)	φ6
		Gas Pipe (mm)	φ12
	Max Distance	Height (m)	5
		Length (m)	10

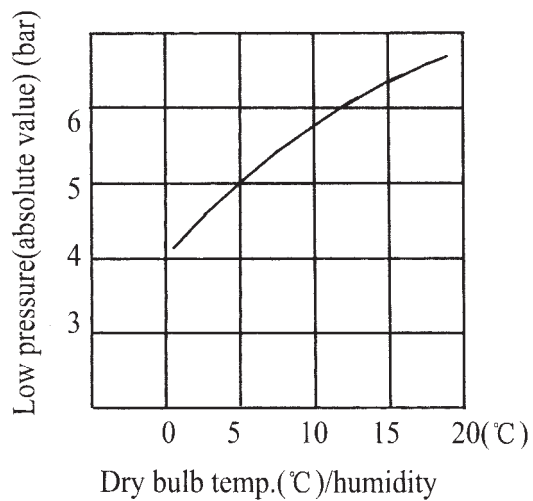
## Performance curves

1. Cooling operation: In testing, Indoor unit and outdoor unit have the same work condition.



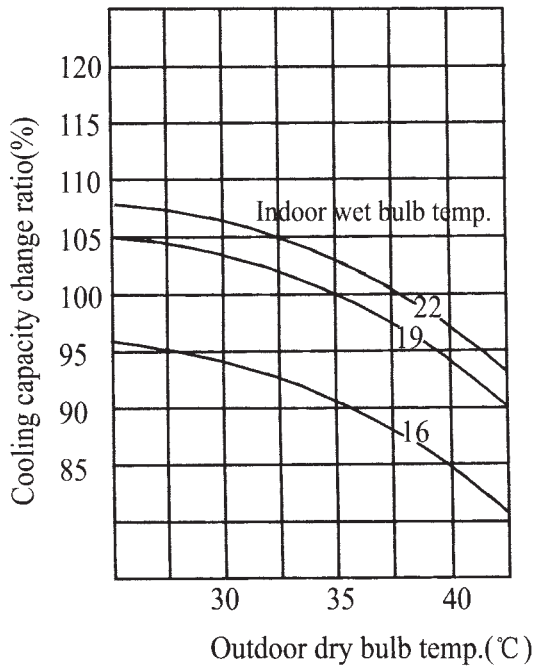
2. Heating operation

Indoor operation condition: Dry bulb temp 21°C, Wet bulb temp. 15.5°C.



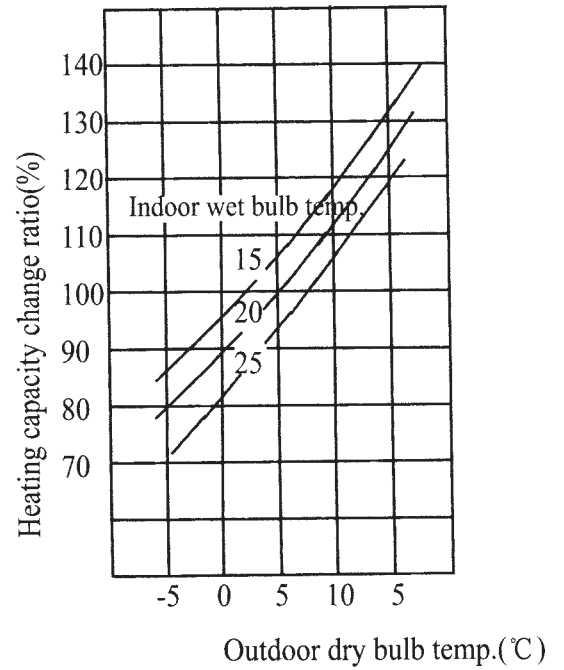
Cooling performance

Indoor relative humidity 50%



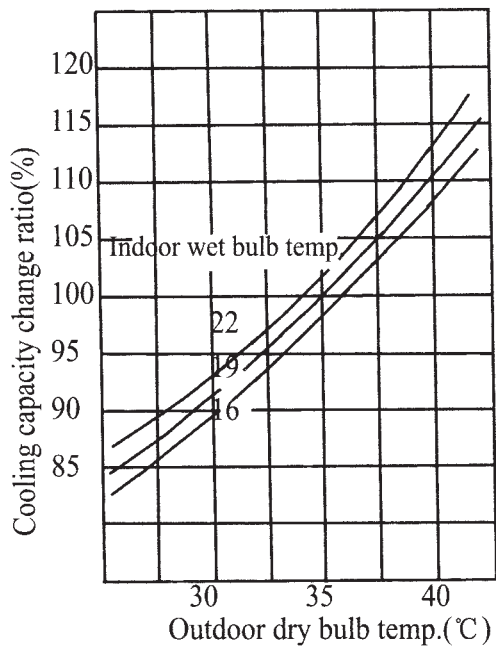
Heating performance (not include electric heater)

Outdoor relative humidity 50%



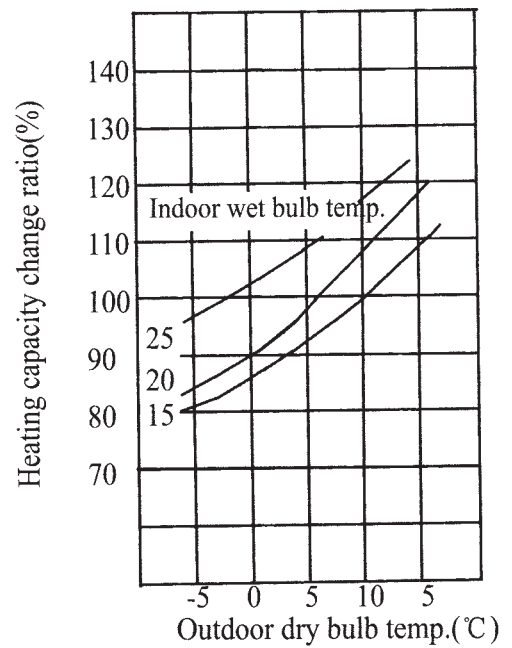
Cooling performance

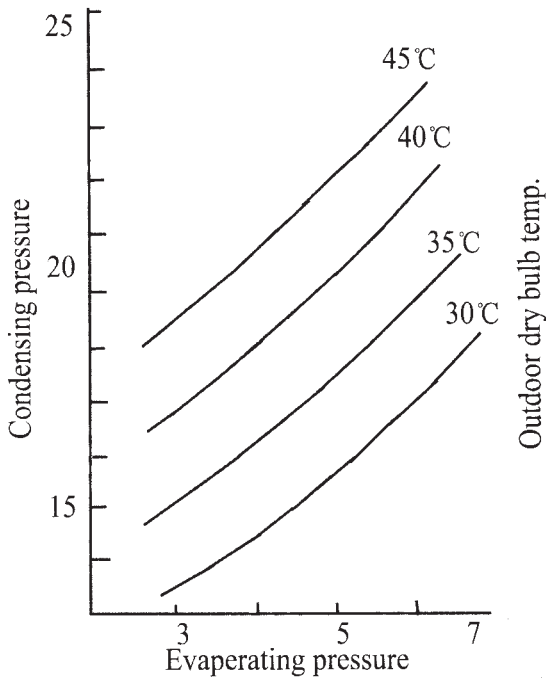
Indoor relative humidity 50%



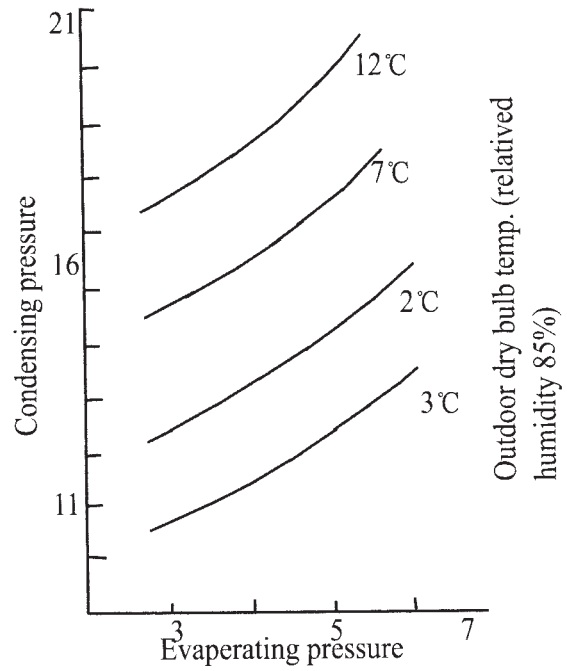
Heating performance (not include electric heater)

Outdoor relative humidity 50%

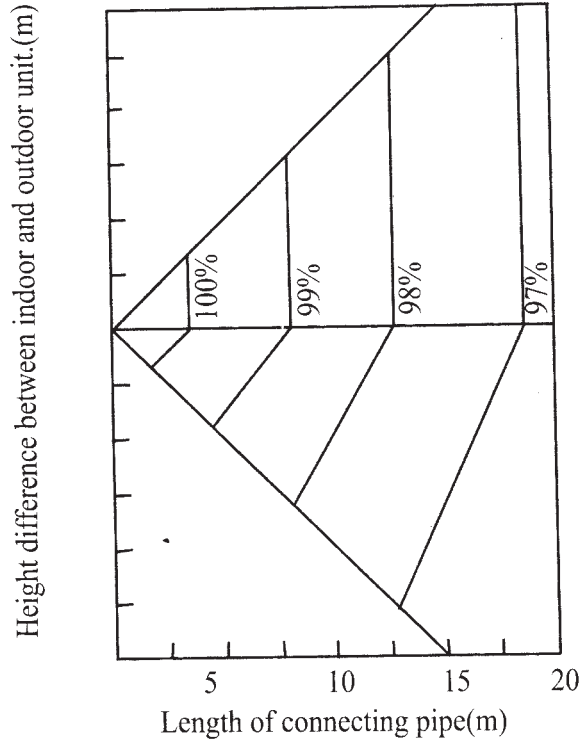




The changing relation between pressure and temp. in cooling work condition (Indoor work condition: Dry bulb 27°C, Wet bulb 19°C)



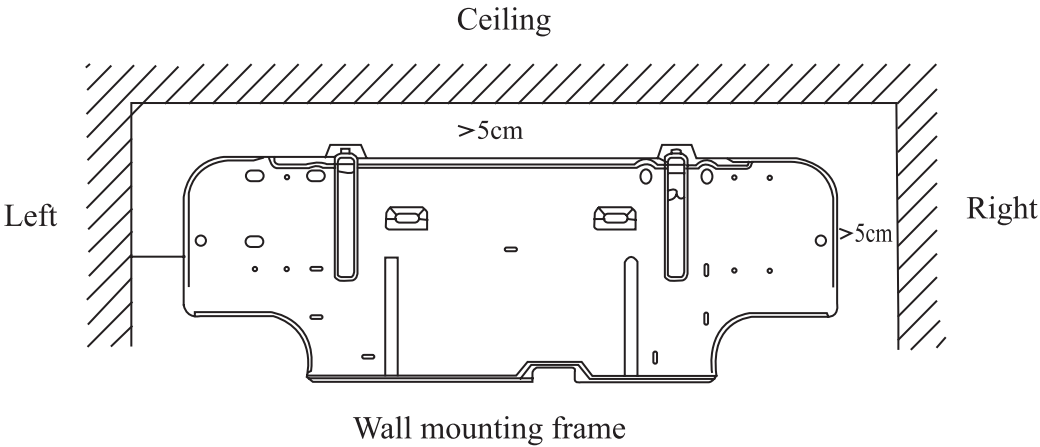
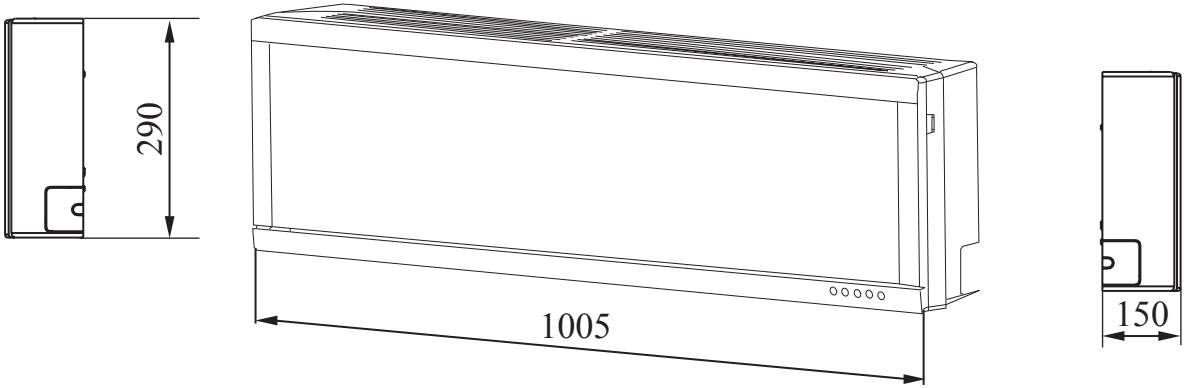
The changing relation between pressure and temp. in heating work condition (Indoor work condition: Dry bulb 20°C)



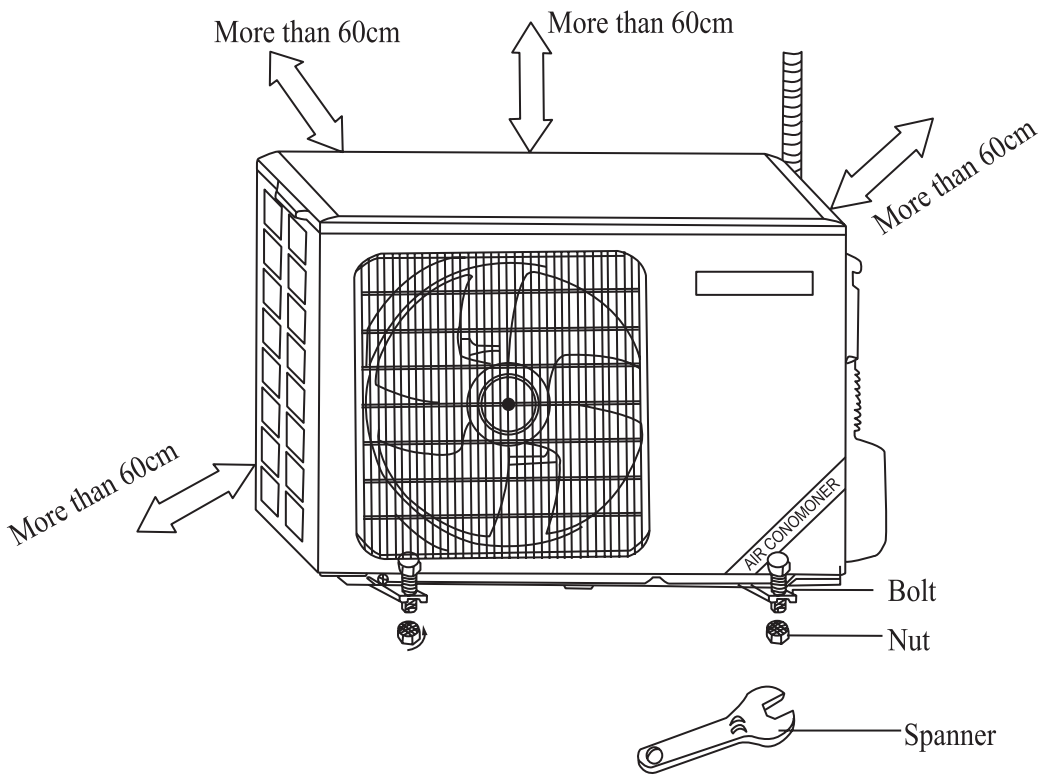
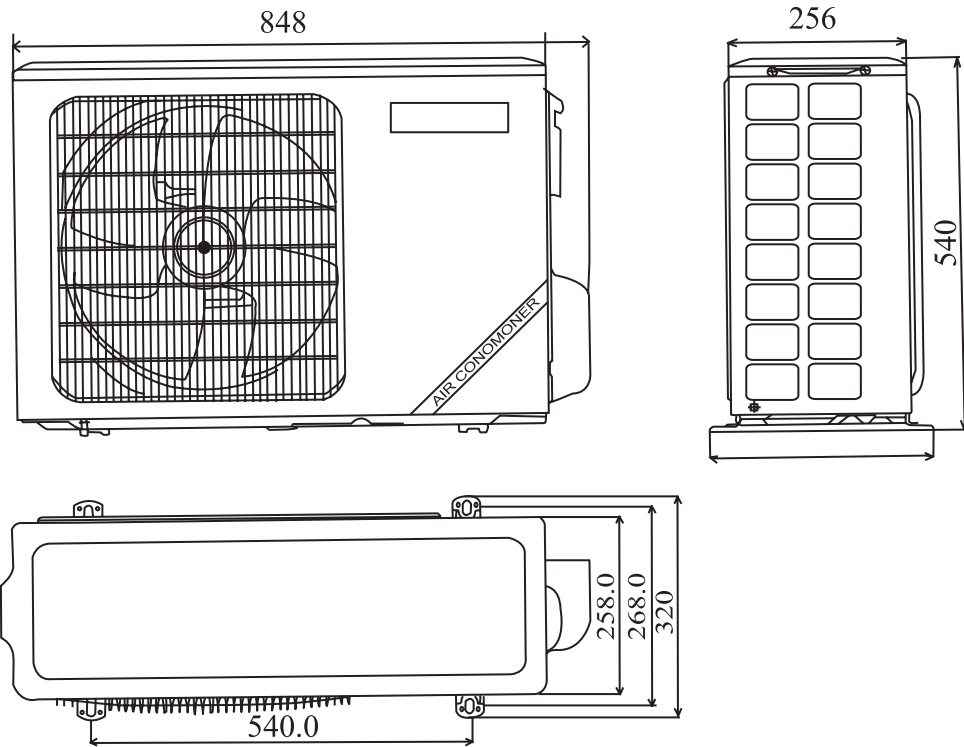
The changing relation between cooling capacity and length of connecting pipe.



# Outlines and dimensions of indoor unit

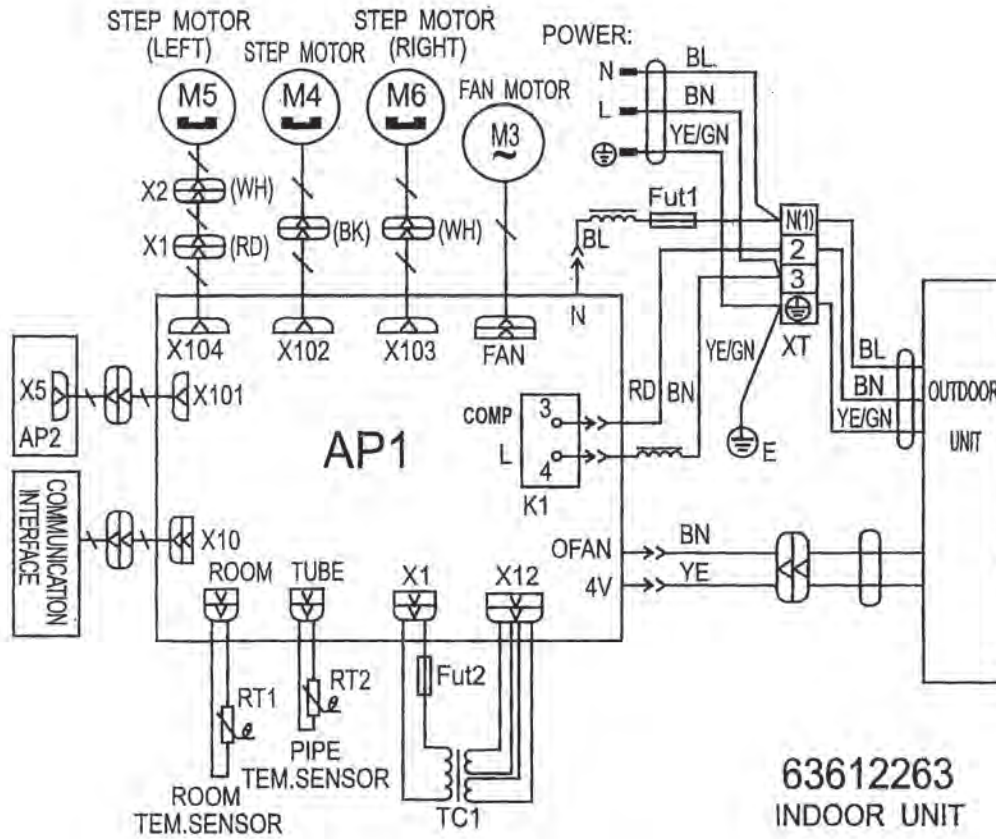


# Outlines and dimensions of outdoor unit

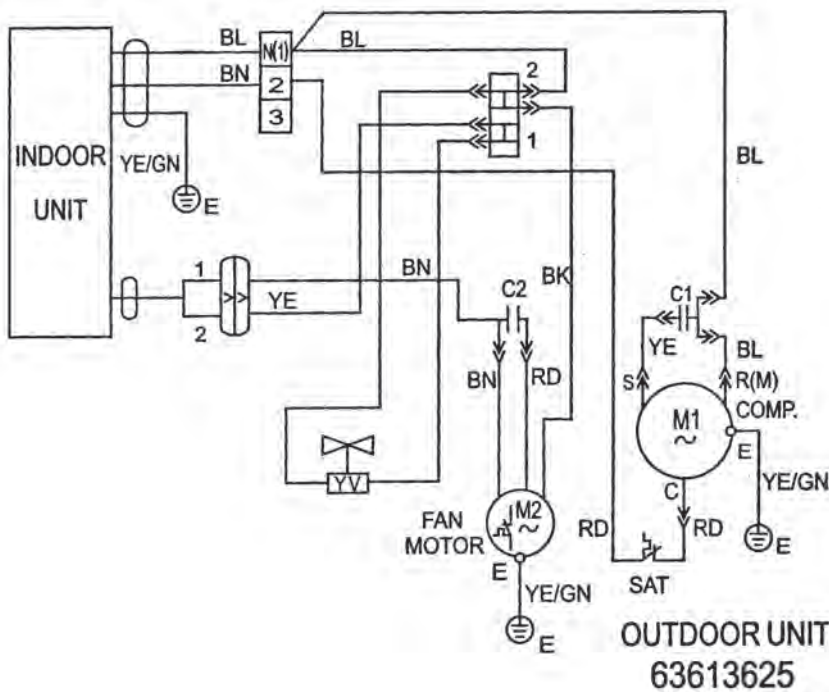


# Wiring diagrams

ASH-09AF, ASH-12AF



63612263  
INDOOR UNIT



OUTDOOR UNIT  
63613625

Defrosting protection  
Compressor 10min.  
Outdoor fan

# PCB function manual and operation method

Indoor fan                      Setting fan speed

Running                              Stop running

This manual is fit for the single-split type, dual-split type of flat unit series

## 1. 1 Temperature parameter

- ◆ The room set temperature: (Tset)
- ◆ The room ambient temperature:(Tamb)

## 1. 2 Fundamental functions

After electrified, no matter in any circumstances, the twice interval of starting should no less than 3mins, when the first electrified, there are no 3mins delay; once the compressor start up, the unit will not be turned off within 6mins, according to room temp. changes.

### 1. 2. 1 COOL mode

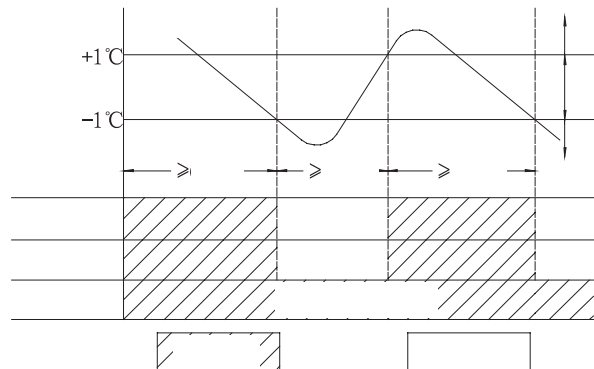
#### 1. 2. 1. 1 Cooling condition and procedure

If  $T_{amb} < T_{set}+1$  , COOL mode will act, compressor and outdoor fan will run, indoor fan will run at the set speed.

If  $T_{amb} < T_{set}-1$  , the unit will stop, compressor, outdoor fan motor will stop, indoor fan will run at the set speed.

When  $T_{set}-1 < T_{amb} < T_{set}+1$  , the unit will keep running in old mode.

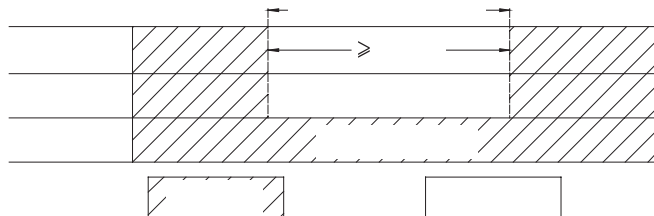
➤ In this mode, the reversal valve will not power on, the setting temp. range:16 ~30 .



#### 1. 2. 1. 2 Protection Functions

##### ◆ Overcurrent protection

When detecting the system is running in anti-freezing protection, the compressor, outdoor fan motor will stop running, indoor fan motor will run at set fan speed. When anti-freezing eliminated and compressor had stopped 10mins, system renew the original running mode.



### 1. 2. 2 DRY Mode

#### 1. 2. 2. 1 The conditions and processes of dehumidifying:

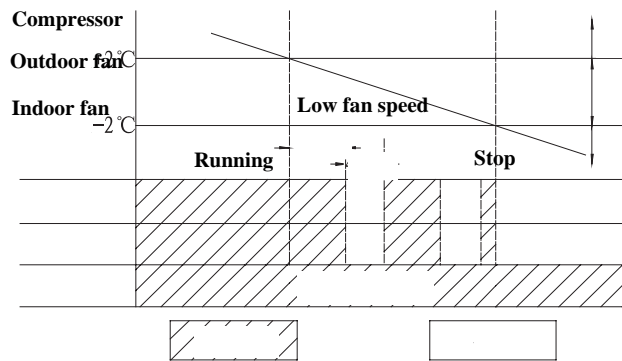
If  $T_{amb} > T_{set}+2$  ,the DRY mode will act, indoor fan will run at low speed.

If  $T_{set}-2 < T_{amb} < T_{set}+2$  , enter into DRY operation, the compressor and outdoor fan start running for 6 mins then stop running,after 4min, the compressor, outdoor fan will restart,the DRY operation will run as above,the indoor fan will keeps low fan speed running.

**Tamb.** **Tset** **Cooling**

If  $T_{amb} < T_{set} - 2$ , compressor, outdoor fan motor will stop running, indoor fan motor will keep low fan speed running.

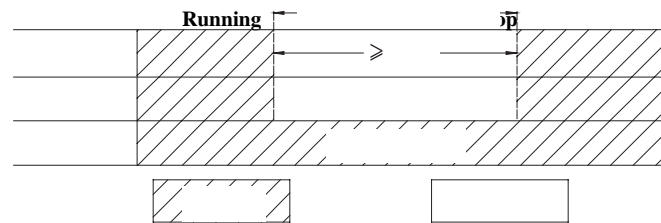
> In this mode, the reversal valve will not power on, the setting temp. range: 16 - 30



**1. 2. 2. 2 Protection Functions**

**◆ Antifreezing Protection**

When running in Antifreezing protection mode, the compressor, outdoor fan motor, stop running, indoor fan motor runs at low fan speed; when antifreezing is eliminated and compressor has stopped for 4min, the unit will run at the original status.



**1. 2. 3 HEAT Mode**

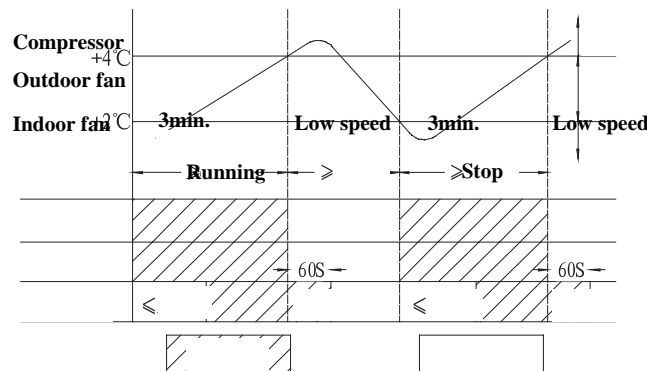
**1. 2. 3. 1 The conditions and processes of heating**

If  $T_{amb} < T_{set} - 2$ , enter into HEAT mode, at the same time, reversing valve, compressor, outdoor fan start to run, but indoor fan will delay 3min at least to run.

If  $T_{amb} < T_{set} - 4$ , compressor, outdoor fan stop running, the reversing valve will run, but indoor fan will blow wind after 60sec. at low fan speed.

When  $T_{set} + 2 < T_{amb} < T_{set} + 4$ , it will keep the preceding running status.

> If  $T_{set} + 2 < T_{amb} < T_{set} + 4$ , the setting range: 16 - 30.



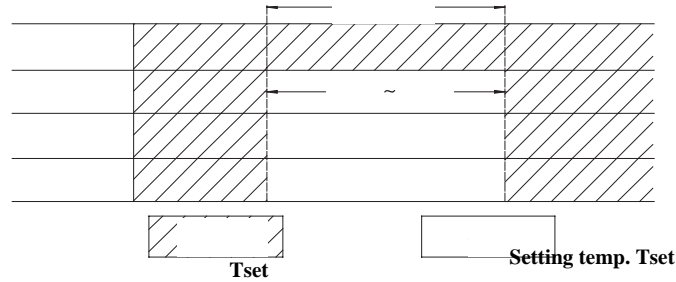
**1. 2. 3. 2 The conditions and processes of defrosting**

**◆ New defrosting mode**

When detecting there is frost on the condenser, system enter into defrosting state, at this time, compressor continue to run, the outdoor fan motor, 4-way valve, indoor fan motor stop running, the running indicator flash, when detecting the frost on the condenser eliminated,

indicator light flash, when detecting the frost on the condenser had been defrosted, the indoor, outdoor fan motor, 4-way valve start to run at the same time, the compressor keep the original running state, the indicator stop flashing.

➤ When electrified the first defrosting time is 9min, then according to the frost situation, to adjust the defrosting time, if frost is too much that the defrosting time will be long (the max. time is 9min.), if frost is less, the defrosting time will be short (at least 3min.), when defrosting finished it will quit.



Tset

### 1. 2. 3. 3 Protection function

◆ Anti-high temperature protection  
When detected the evaporator tube temp. is too high, outdoor fan motor stop running; when tube temp. of evaporator resumed, outdoor fan motor will resume to run.

◆ Noise protection  
When to turn off the unit by using "RUN/STOP", the reversing valve will delayed 2mins to turn off; or mode shift will delay 2minutes.

### 1. 2. 4 Fan mode

In this mode, indoor fan can select Hi, Med, Low and Auto ( Med is default) to run, the compressor, outdoor fan motor, 4-way valve stop running.

➤ In this mode, the temp. setting range is 16 ~ 30 °C.

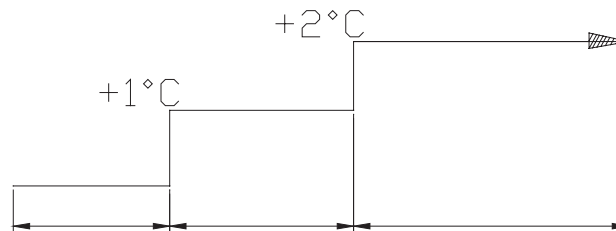
### 1. 2. 5 Auto mode

In this mode, system will accord the changes of ambient temp. to select the running mode (COOL, DRY, HEAT and FAN). The protection function as the mode of COOL, HEAT.

## 1. 3 Other control

### 1. 3. 1 Sleep function

When it is cooling and drying, after setting the sleep mode for 1hour, Tset will be increased 1 °C; after 2hours, Tset will be increased 2 °C, indoor motor runs at low fan speed.



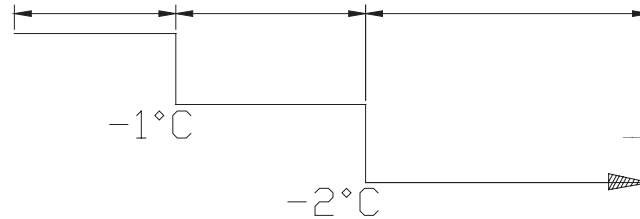
Tset

Tset

Setting temp. Tset

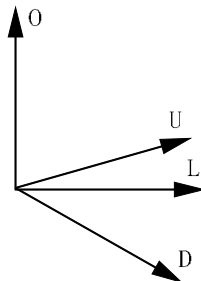
Tset

When it is heating, after set the sleep mode for 1hour, Tset will be declined 1 ; 2hours later, Tset will be declined 2 , indoor fan will run at low fan speed.



### 1. 3. 2 SWING motor control

When it is powered on, the guide louver turn to position O with anticlockwise direction, turn off the air outlet vent; when the unit is turned on, if there is no setting swing function, the guide louver will turn to the level position L with clockwise direction air outlet, if turning on the unit to set the swing function, the guide louver will swing from U to D.



### 1. 3. 3 TIMER function

#### 1. 3. 3. 1 Timer on

To set timer on, the system is turned off, after achieved the time of timer on, the controller will run in original setting mode, the time interval is 0.5hour, setting range is 0.5-24hours.

#### 1. 3. 3. 2 Timer off

At operating, to set the timer off function, when the time of timer arrived, the system is turned off, the time interval is 0.5hour, setting range is 0.5-24hours.

#### 1. 3. 4 Buzzer

When PCB is power on or receives the signal from the wireless remote control, the buzzer will send out the sound once.

#### 1. 3. 5 Auto button (indoor unit front panel)

When pressing this button, it will run in Auto mode, indoor fan will run in Auto fan speed, the swing mode will start, when repressed it will turned off.

#### 1. 3. 6 Indicator light

RED: the running indicator, when defrosting it will flash.

YELLOW: HEAT indicator.

GREEN: COOL, DRY indicator.

#### 1. 3. 7 Auto fan speed control

In this mode, the indoor fan motor will accord to the changes of ambient temp. automatically to select Hi, Med, Low fan speed, each fan speed shift time interval is 30sec.

#### 1. 3. 8 Memory function

When the controller break off and power on again, the memory is the state before breaking off, then the compressor will delay 3mins. When the timer had been setup and break off, if the time of timer had arrived, it breake off and power on again, it will carry out follow the state before electricity break; if the time had not arrived, it break off, and opower on, it will renew the memory.



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PARTS GUIDE

# **sinclair**

## FLAT SERIE



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**ASH-09AF**

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**ASH-12AF**

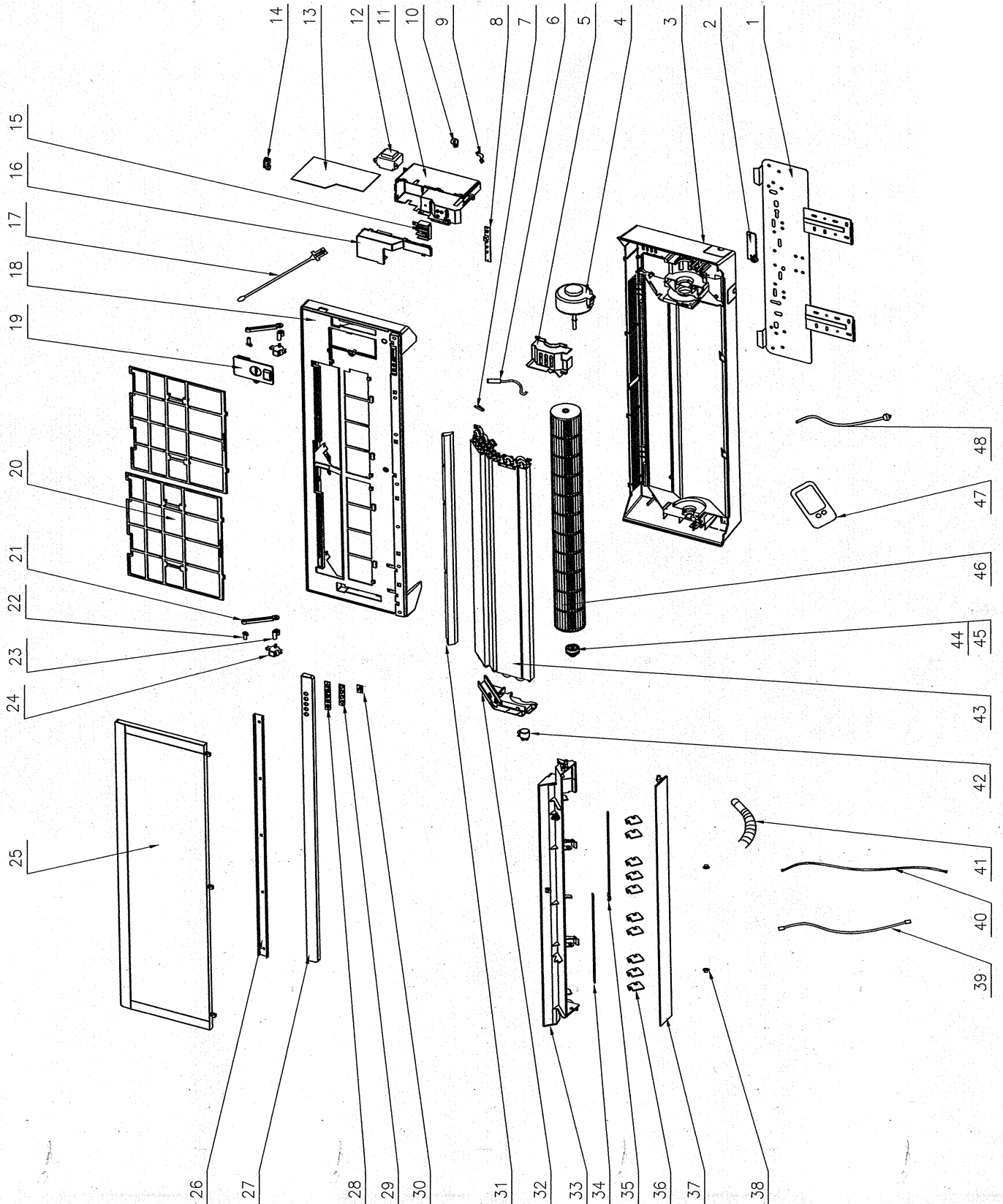
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CE Standard, 1Ph 220-230V 50Hz, R407C



Explosive view and spare parts list of indoor unit

ASH-09AF, ASH-12AF



No.	Description	Part Code	Updated		Qty	Price Rank
			Part code	Date		
<b>ASH-09AF - Indoor Unit</b>						
1	Wall Mounting Frame	01252001			1	AK
2	Pipe Clamp	24242001			1	AD
3	Rear Case	22202327			1	AW
4	Motor FN20Y	15012068			1	AU
5	Motor Clamp	22242034			1	AD
6	Tube Sensor(20K)	390000595			1	AD
7	Sensor insert	42020063			1	AD
8	Receiver Board JKD	30046074			1	AP
9	Wire Clip	42012415			1	AA
10	Wire Clamp	71010103			1	AB
11	Electric Box	20102186			1	AK
12	Transformer SC28B1	43110170			1	AH
13	Main PCB	30035903			1	BB
14	Wire Slot	70482001			1	AB
15	Terminal Board GT4A3A4	42011138			1	AG
16	Electric Box Cover 1	20102187			1	AE
17	Room Sensor(15K)	390000451			1	AD
18	Front Case	20002119			1	AU
19	Electric Box Cover 2	20102188			1	AD
20	Filter	11122016			2	AD
21	Front Panel Link	10582026			2	AD
22	Front Panel Dowel	10562002			2	AC
23	Front Panel Crank	10562001			2	AC
24	Stepping Motor MP24GB	15212111			2	AF
25	Front Panel	20002076			1	AP
26	Front Panel Holder	01792006			1	AE
27	Ornamental Bar	68012022			1	AD
28	Pilot Lamp Frame	26112045			1	AE
29	Pilot Lamp Panel	22432066			1	AD
30	Button Panel	26112046			1	AC
31	Evaporator Flashboard	010723101			1	AE
32	Evaporator Support	24212028			1	AG
33	Water Tray	20182032			1	AM
34	Swing Link 1	10582024			1	AD
35	Swing Link 2	10582025			1	AD
36	Swing Louver	10512043			10	AB
37	Guide Louver	10512042			1	AF
38	Guide Louver Bearing	10542011			3	AB
39	Connecting Cable	40020403			1	AM
40	Signal control wire	40032144			1	AP
41	Drainage Pipe	052324111			1	AD
42	Stepping Motor MP24GA	15212102			1	AF
43	Evaporator Assy	010021741			1	AZ
44	Fan Bearing	76512210			1	AC
45	Ring of Bearing	76512203			1	AC
46	Cross Flow Fan	10352004			1	AM
47	Remote Controller Y512F	30515002			1	AT
48	Power Cord	40020203			1	AN

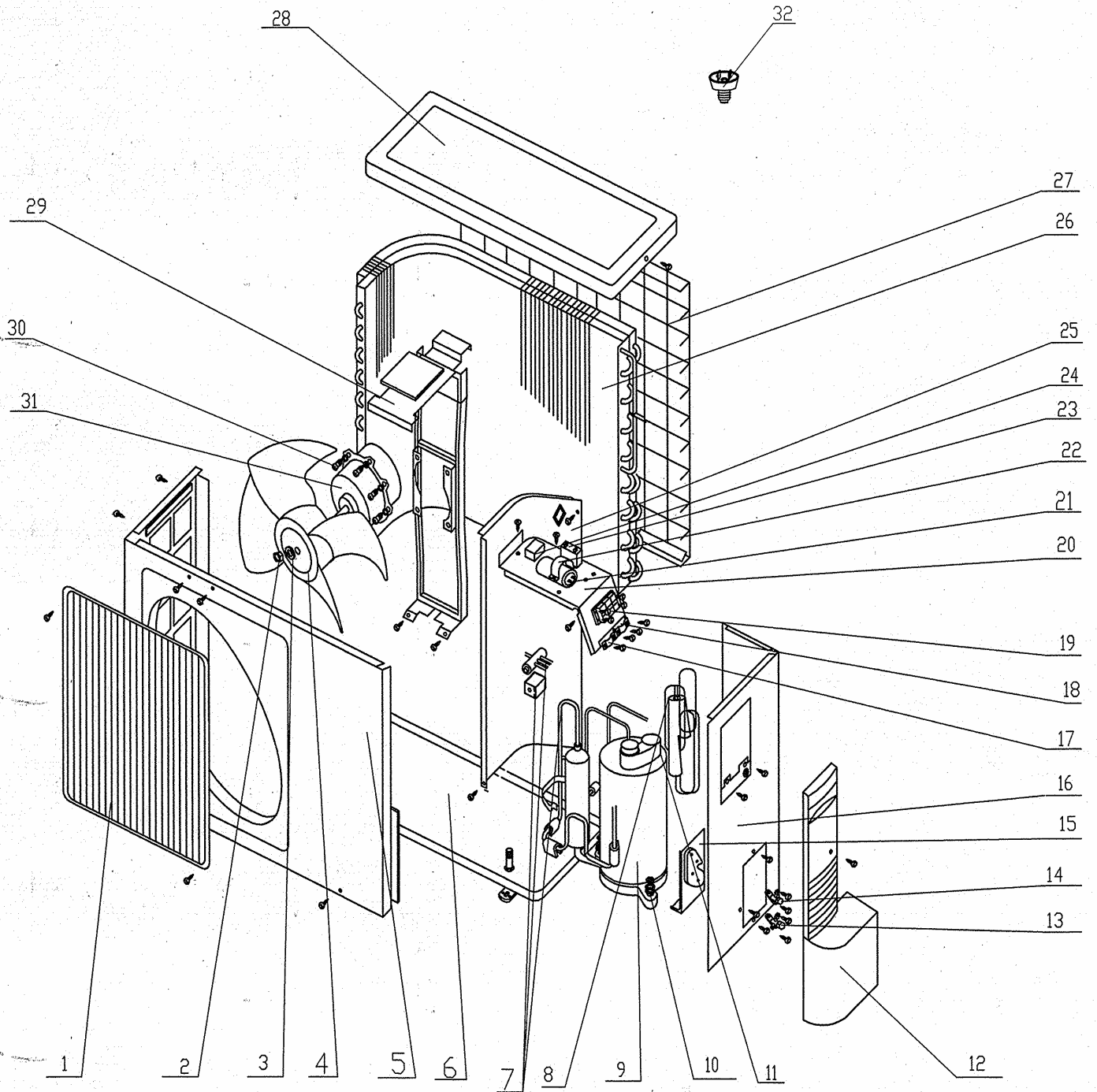
The data are subject to change without notice.

No.	Description	Part Code	Updated		Qty	Price Rank
			Part code	Date		
<b>ASH-12AF - Indoor Unit</b>						
1	Wall Mounting Frame	01252001			1	AK
2	Pipe Clamp	24242001			1	AD
3	Rear Case	22202327			1	AW
4	Motor FN20Y	15012068			1	AU
5	Motor Clamp	22242034			1	AD
6	Tube Sensor(20K)	390000595			1	AD
7	Sensor insert	42020063			1	AD
8	Receiver Board JKD	30046074			1	AP
9	Wire Clip	42012415			1	AA
10	Wire Clamp	71010103			1	AB
11	Electric Box	20102186			1	AK
12	Transformer SC28B1	43110170			1	AH
13	Main PCB	300359031			1	BB
14	Wire Slot	70482001			1	AB
15	Terminal Board GT4A3A4	42011138			1	AG
16	Electric Box Cover 1	20102187			1	AE
17	Room Sensor(15K)	390000451			1	AD
18	Front Case	20002119			1	AU
19	Electric Box Cover 2	20102188			1	AD
20	Filter	11122016			2	AD
21	Front Panel Link	10582026			2	AD
22	Front Panel Dowel	10562002			2	AC
23	Front Panel Crank	10562001			2	AC
24	Stepping Motor MP24GB	15212111			2	AF
25	Front Panel	20002076			1	AP
26	Front Panel Holder	01792006			1	AE
27	Ornamental Bar	68012022			1	AD
28	Pilot Lamp Frame	26112045			1	AE
29	Pilot Lamp Panel	22432066			1	AD
30	Button Panel	26112046			1	AC
31	Evaporator Flashboard	010723101			1	AE
32	Evaporator Support	24212028			1	AG
33	Water Tray	20182032			1	AM
34	Swing Link 1	10582024			1	AD
35	Swing Link 2	10582025			1	AD
36	Swing Louver	10512043			10	AB
37	Guide Louver	10512042			1	AF
38	Guide Louver Bearing	10542011			3	AB
39	Connecting Cable	40020403			1	AM
40	Signal control wire	400321444			1	AP
41	Drainage Pipe	052324111			1	AD
42	Stepping Motor MP24GA	15212102			1	AF
43	Evaporator Assy	01002187			1	AZ
44	Fan Bearing	76512210			1	AC
45	Ring of Bearing	76512203			1	AC
46	Cross Flow Fan	10352004			1	AM
47	Remote Controller Y512F	30515002			1	AT
48	Power Cord	40020203			1	AN

The data are subject to change without notice.

Explosive view and spare parts list of outdoor unit

ASH-09AF, ASH-12AF



No.	Description	Part Code	Updated		Qty	Price Rank
			Part code	Date		
<b>ASH-09AF - Outdoor Unit</b>						
1	Front Grill	22413431			1	AG
2	Nut M6	70310132			1	AB
3	Washer	70410252			1	AA
4	Axial Flow Fan	10333413			1	AM
5	Front Plate	01533012	01533433	07/12/2004	1	AM
6	Metal Base	01203170			1	AH
7	4-way Valve Assy	03023608			1	AU
	4-way Valve	430004022			1	AU
	4-way Valve Coil	43000400			1	AH
8	Capillary Assy	03003527			1	AW
9	Compressor C-1RV096H1A	00100368			1	BN
10	Compressor Gasket	76710240			3	AE
11	Overload Protector	00180019			1	AR
12	Handle	26233433			1	AC
13	Valve 3/8"	07100005			1	AG
14	Valve 1/4"	07100003			1	AG
15	Valve Support	01713041			1	AD
16	Right Side Plate Assy	01302004			1	AH
17	Wire Clamp	71010103			1	AB
18	Insulation Gasket	70410523			1	AC
19	Terminal Board T386A	42011113			1	AD
20	Electric Plate	01413425	01403117	09/04/2005	1	AF
21	Comp Capacitor	33000017			1	AG
22	Capacitor clamp	02143401			1	AB
23	Fan Capacitor 2.5uF/450V	33010026			1	AE
24	Terminal Board 2-8	42011103			1	AD
25	Isolation Sheet Assy	01233417			1	AH
26	Condenser Assy	011032819			1	BE
27	Rear grill Assy	01473030			1	AG
28	Top cover Assy	012532611			1	AH
29	Motor Support	01703391			1	AE
30	Self-tapping Screw	70140165			4	AC
31	Motor	150130671			1	AT
32	Drainage Connector	06123401			1	AA

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No.	Description	Part Code	Updated		Qty	Price Rank
			Part code	Date		
<b>ASH-12AF - Outdoor Unit</b>						
1	Front Grill	22413431			1	AG
2	Nut M6	70310131			1	AB
3	Washer	70410252			1	AA
4	Axial Flow Fan	10333413			1	AM
5	Front Plate	01533012	01533433	07/12/2004	1	AM
6	Metal Base	01203179			1	AH
7	4-way Valve Assy	03023147			1	AU
	4-way Valve	430004032			1	AU
	4-way Valve Coil	43000400			1	AH
8	Capillary Assy	03003528			1	AW
9	Compressor C-RV133H1A	00100378			1	BP
10	Compressor Gasket	76710240			3	AE
11	Overload Protector	00180043			1	AR
12	Handle	26233433			1	AC
13	Valve 1/2"	07100006			1	AG
14	Valve 1/4"	07100003			1	AG
15	Valve Support	01713041			1	AD
16	Right Side Plate Assy	01302004			1	AH
17	Wire Clamp	71010103			1	AB
18	Insulation Gasket	70410523			1	AC
19	Terminal Board T386A	42011113			1	AD
20	Electric Plate	01413425	01403117	09/04/2005	1	AF
21	Comp Capacitor	33000017			1	AG
22	Capacitor clamp	02143401			1	AB
23	Fan Capacitor 2.5uF/450V	33010026			1	AE
24	Terminal Board 2-8	42011103			1	AD
25	Isolation Sheet Assy	01233417			1	AH
26	Condenser Assy	011030512			1	BE
27	Rear grill Assy	11123402			1	AG
	Rear Grill		01473030	08/09/2005		AG
28	Top cover Assy	012532611			1	AH
29	Motor Support	01703391			1	AE
30	Self-tapping Screw	70140165			4	AC
31	Motor	150130671			1	AT
32	Drainage Connector	06123401			1	AA

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