SERVICE MANUAL

sinclair

SPLIT TYPE SLIM

ASH-09CS

ASH-12CS

Model				ASH-09CS	
Function			Cooling	Cooling	Heating
Power supply			1Ph 220-230V 50Hz		
Capacity(W)			2700	2700	2900
Rated input(W)			900	950	1050
Rated current(A)			4.16	4.16	4.31
Air flow(m^3/h)			420		
Dehumidifying volume(L/h)			1.2	1.2	---
EER(W/W)			2.78	2.78	3.03
Indoor unit	Model			ASH-09CS	
	Motor fan speed(rpm)		1060/990/910		
	Output power(W)		13		
	Fan type/piece		Cross flow fan-1		
	Diameter-length		ϕ 97mm-583		
	Evaporator		Aluminum fin-copper tube		
	Row-fin distance(mm)		2-1.6		
	Working area(m^2)		0.14		
	Swing motor		MP24GA		
	Input/speed(W)		2		
	Fuse(A)		Controller3.15A transformer0.2A		
	Working capacitor(μF)		1		
	Noise(dB(A)) (min/max)		25/37		
	Dimension(width-height-depth)(mm)		770 x 250 x 180		
	Net weight(Kg)		8.5		
Outdoor unit	Model			ASH-09CS	
	Input power(W)		950	950	1050
	Current(A)		4.13	4.13	4.57
	L.R.A.(A)		24	24	
	Throttling method		Capillary		
	Compressor model		Rotary		
	Compressor		C-RV167H01AA		
	Starting method		Capacitor starting		
	Working temp.		⩽ 115℃		
	Condenser		Aluminum fin-copper tube		
	Pipe-diameter		9.52		
	Row-fin distance(mm)		1-2.0	1-1.6	
	Working area(m^2)		0.4		
	Fan motor power(W)/speed(rpm)		20/950		
	Type-piece		Axial fan-1		
	Diameter(mm)		400		
	Defrosting method		Auto defrost		
	Noise(dB(A)) (min/max)		42/52		
	Dimension(width-height-depth)(mm)		660 × 428 × 225		
	Net weight(Kg)		32		
	Refrigerant charge(Kg)		R407C/0.65	R407C/0.95	
Connecting pipe	Length(m)		4		
	Outer diameter of connecting pipe	Liquid pipe(mm)	6 (1/4")		
		Gas pipe(mm)	9.52 (3/8")		
	Max distance	Height(m)	5		
		Length(m)	10		

The technical data are subject to change without notice .Please refer to the nameplate of the unit.

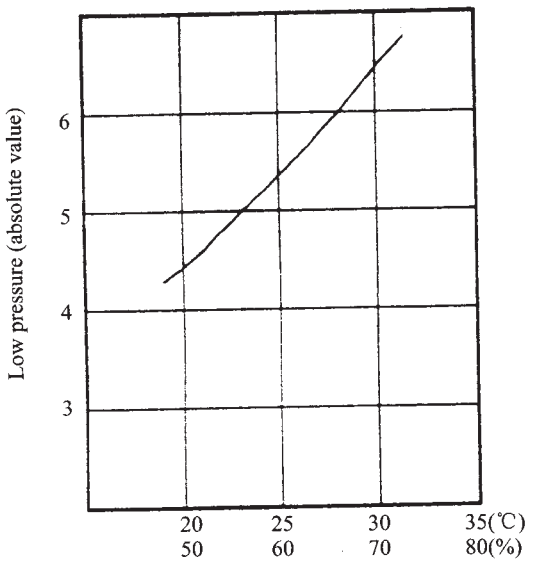
Model				ASH-12CS	
Function			Cooling	Cooling	Heating
Power supply			1Ph 220-230V 50Hz		
Capacity(W)			3500	3500	3800
Rated input(W)			1270	1415	1340
Rated current(A)			5.76	5.76	6.1
Air flow(m^3/h)			460		
Dehumidifying volume(L/h)			1.4		
EER(W/W)			2.52	2.52	2.82
Indoor unit	Model			ASH-12CS	
	Motor fan speed(rpm)		1190/1090/990		
	Output power(W)		14		
	Fan type/piece		Cross flow fan-1		
	Diameter-length		ϕ 97mm-583		
	Evaporator		Aluminum fin-copper tube		
	Row-fin distance(mm)		2-1.4		
	Working area(m^2)		0.14		
	Swing motor		MP24GA		
	Input/speed(W)		2		
	Fuse(A)		Controller3.15A Transformer0.2A		
	Working capacitor(μF)		1		
	Noise(dB(A)) (min/max)		25/40		
	Dimension(width-height-depth)(mm)		770 x 250 x 180		
	Net weight(Kg)		8.5		
Outdoor unit	Model			ASH-12CS	
	Input power(W)		1250	1250	1330
	Current(A)		5.5	5.5	6
	L.R.A.(A)		33.5		
	Throttling method		Capillary		
	Compressor model		Rotary		
	Compressor		C-RV227H01AA		
	Starting method		Capacitor starting		
	Working temp.		$\leqslant$ 115℃		
	Condenser		Aluminum fin-copper tube		
	Pipe-diameter		9.52		
	Row-fin distance(mm)		1-1.6		
	Working area(m^2)		0.4		
	Fan motor power(W)/speed(rpm)		48/800		
	Type-piece		Axial fan-1		
	Diameter(mm)		400		
	Defrosting method		Auto defrost		
	Noise(dB(A)) (min/max)		46/56		
	Dimension(width-height-depth)(mm)		848 $\times$ 540 $\times$ 320		
	Net weight(Kg)		40		
	Refrigerant charge(Kg)		R407C/0.9		
Connecting pipe	Length(m)		4		
	Outer diameter of connecting pipe	Liquid pipe(mm)	6		
		Gas pipe(mm)	12		
	Max distance	Height(m)	5		
		Length(m)	10		

The technical data are subject to change without notice .Please refer to the nameplate of the unit.

1.3 Performance curves

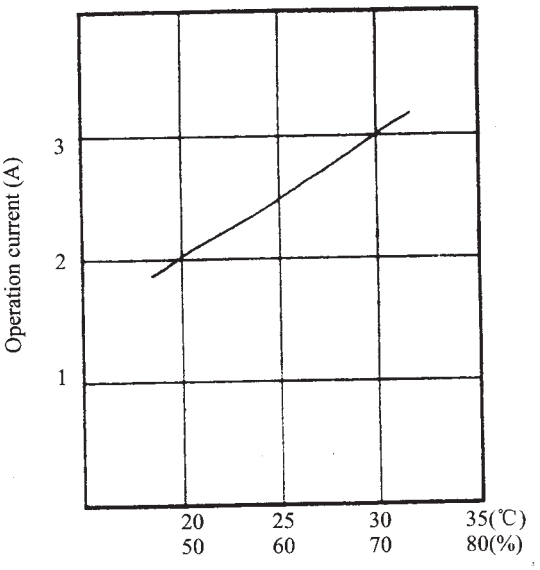
- Technical date
- Performance curve as fig1 fig2
- The change relation between low pressure , operation current and temp.

Cooling operation condition :In testing , indoor and outdoor have same work condition.



Dry bulb temp. / humidity

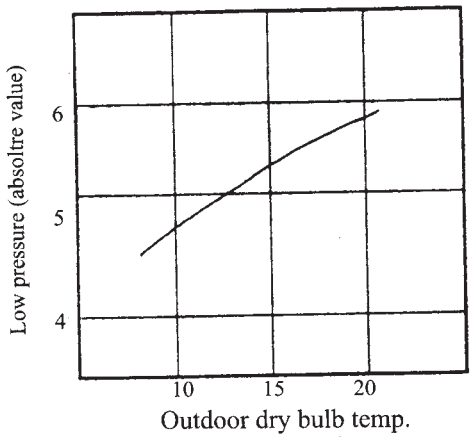
(a)



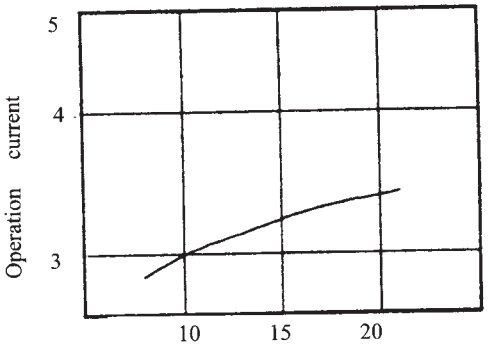
Dry bulb temp. / humidity

(b)

Heating operation
Indoor work condition : dry bulb temp. 21 ,wet bulb temp. 15.5



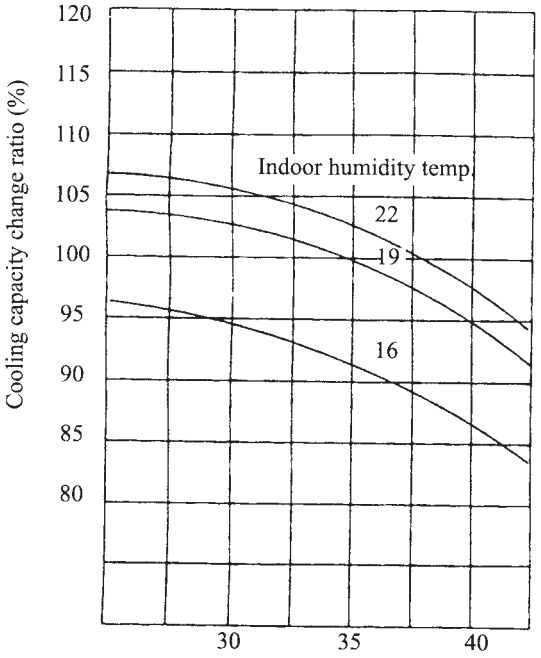
(c)



(d)

Cooling performance

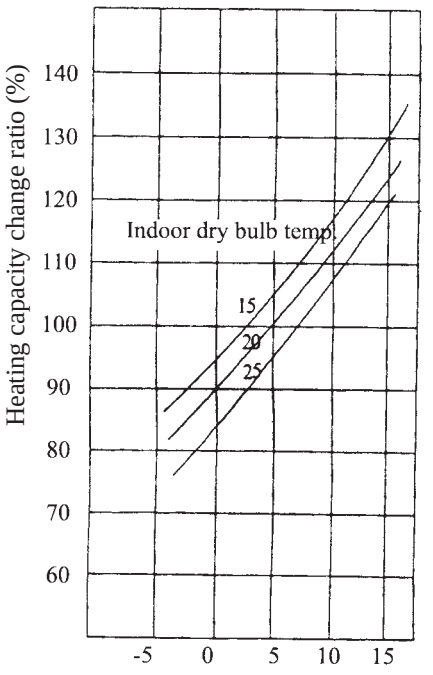
Indoor Relative humidity50%



(a)

Heating performance (not including electric heater)

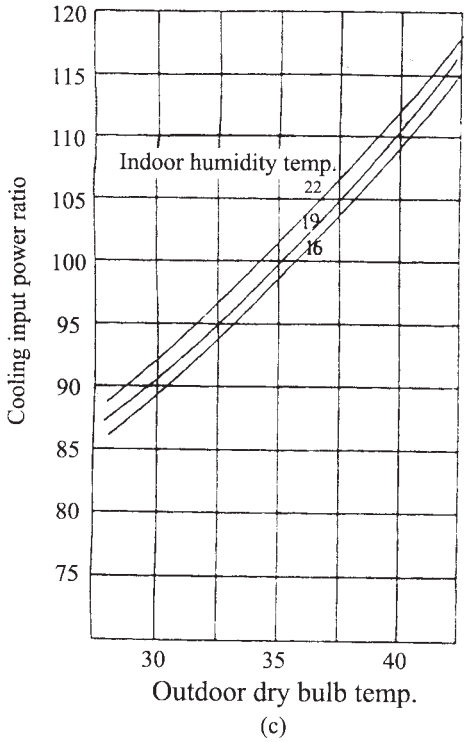
Outdoor relative humidity 85%



(b)

Cooling performance

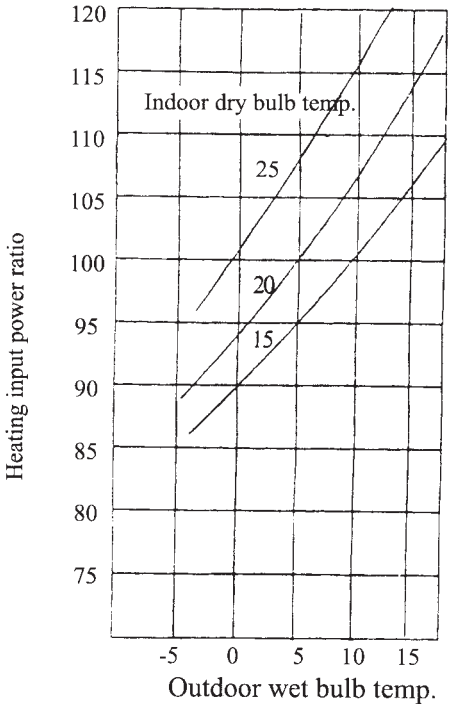
Indoor relative humidity 50%



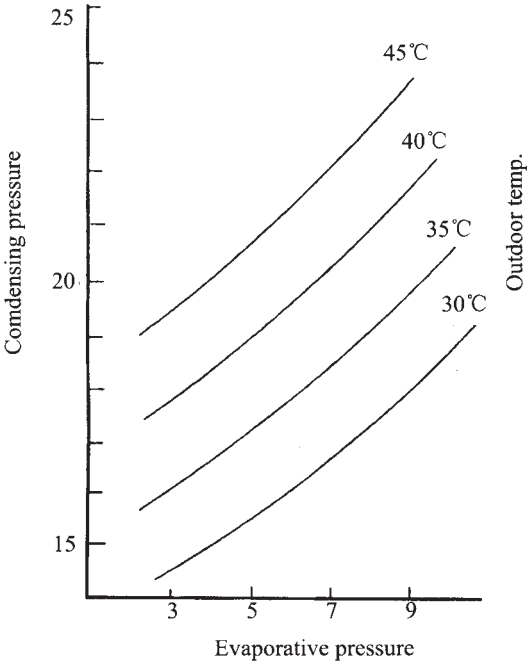
(c)

Heating performance (not including electric heater)

Outdoor relative humidity 85%



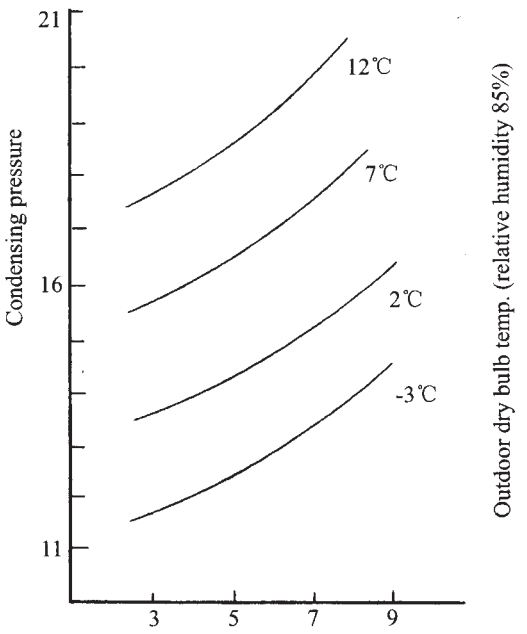
(d)



The affection to the charging quantity by pressure under cooling work condition.

(Indoor work condition:dry bulb 27℃,wet bulb 19.5℃)

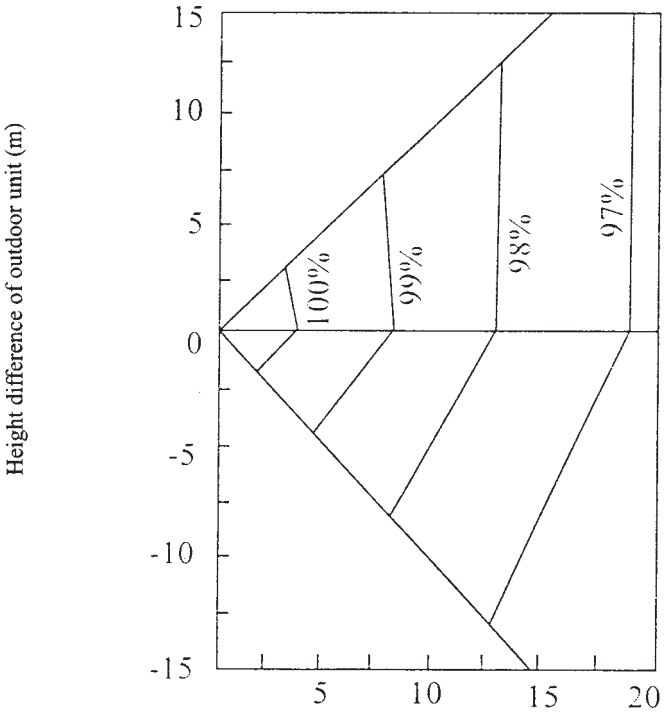
(e)



The affection to the charging quantity by pressure under heating work condition.

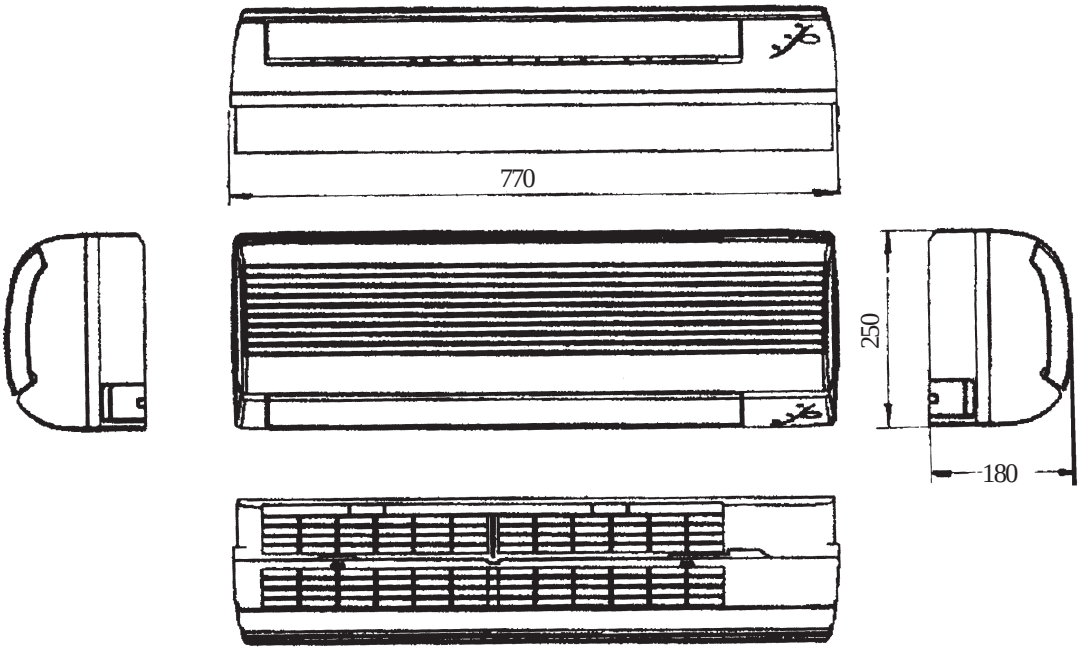
(Indoor work condition:dry bulb 21℃)

(f)

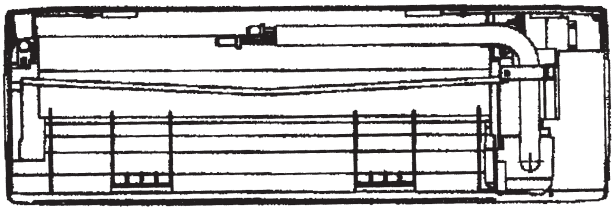


Cooling capacity vary with the length of connection pipe

1.4 Outlines and dimensions of indoor unit

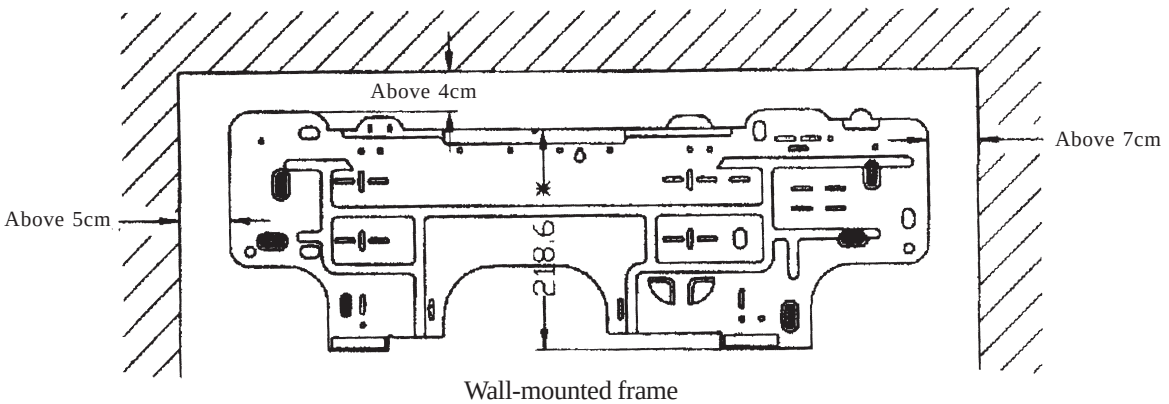


Back view



Unit:mm

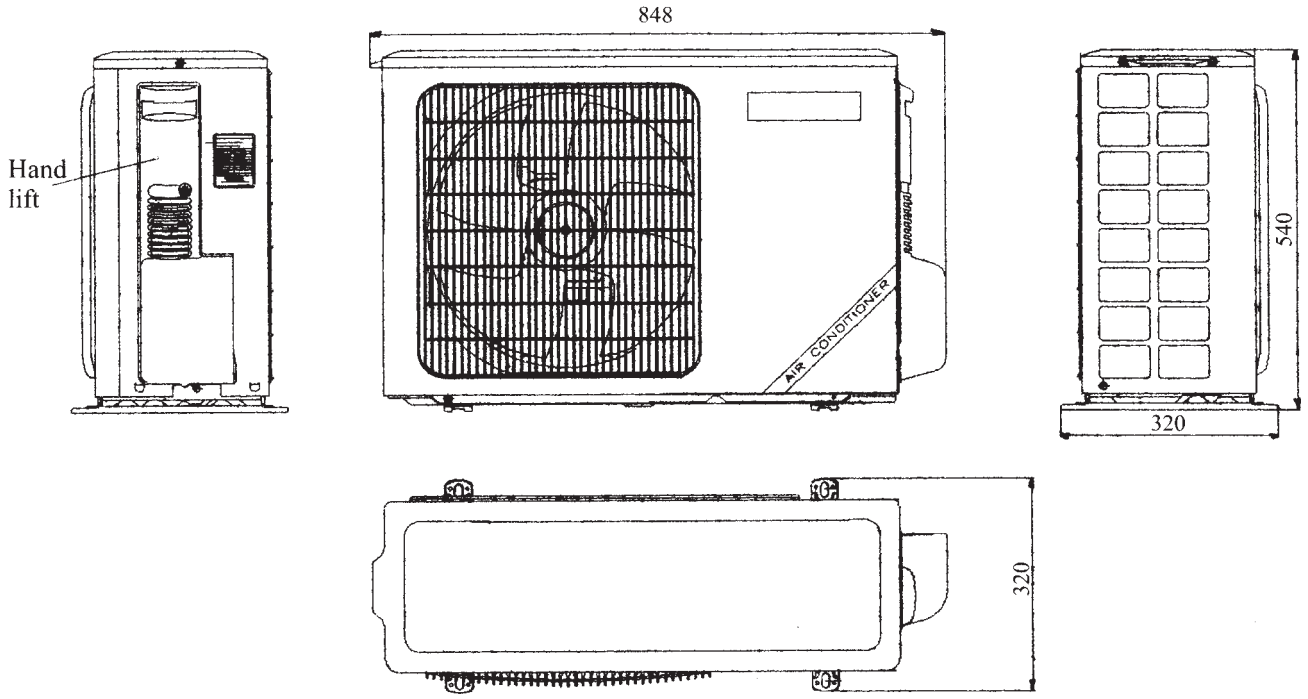
Ceiling

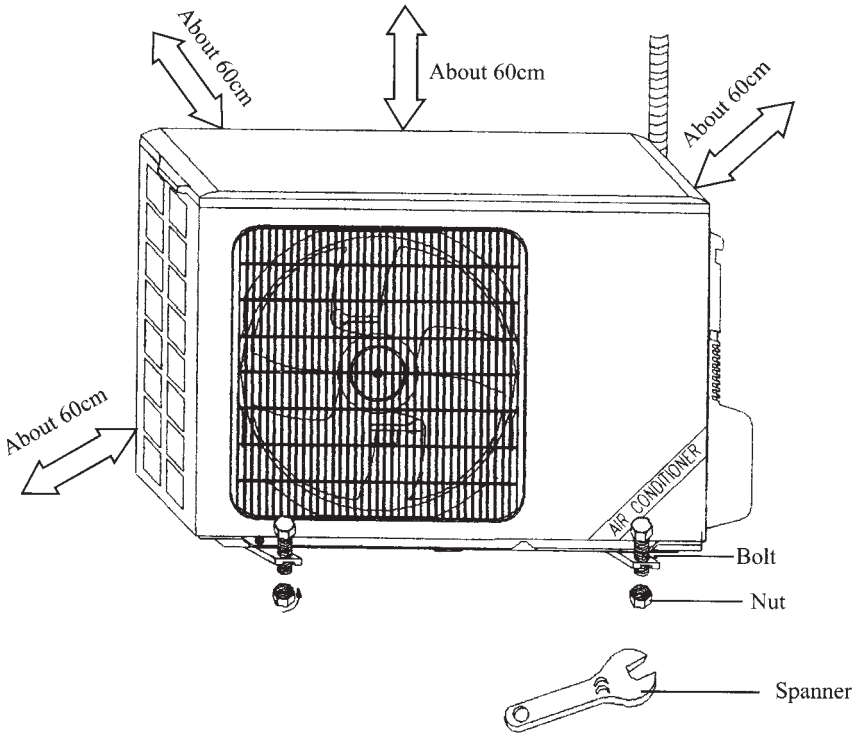


Wall-mounted frame

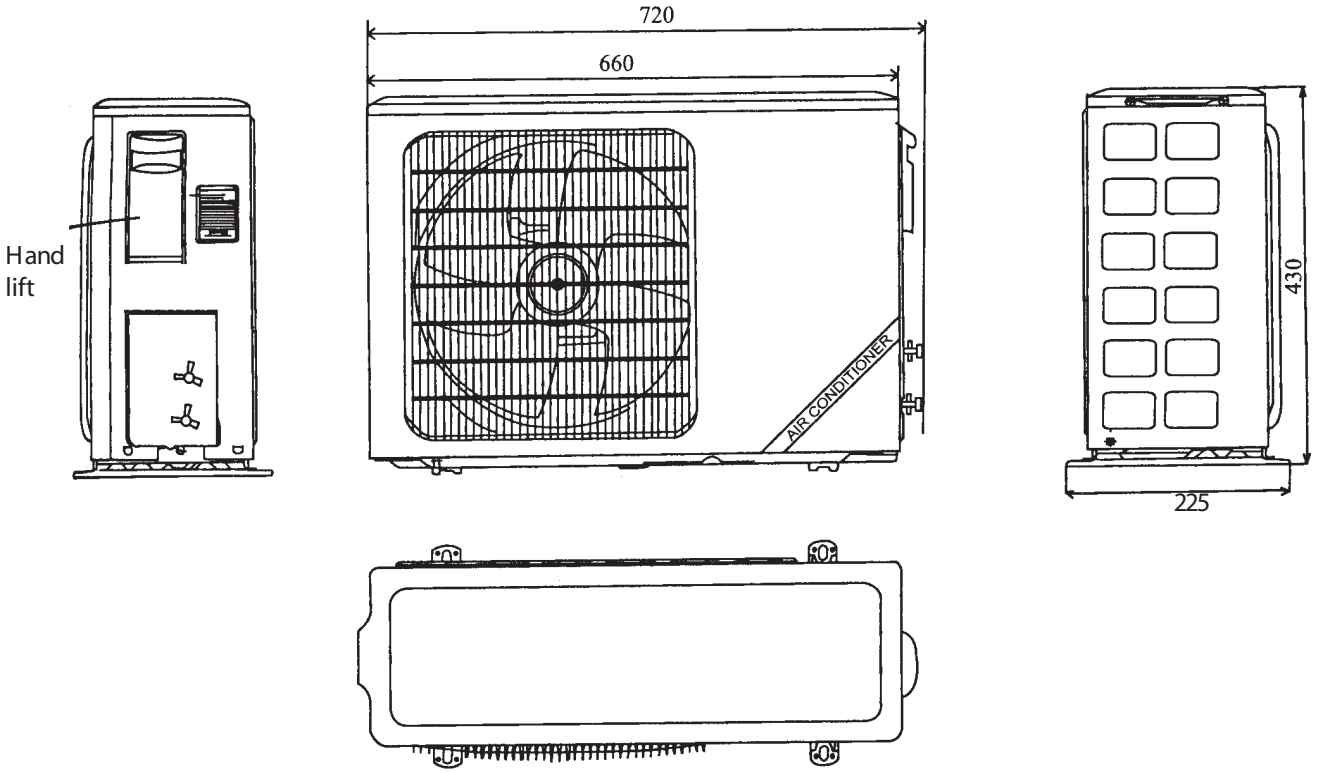
1.5 Outlines and dimensions of outdoor unit

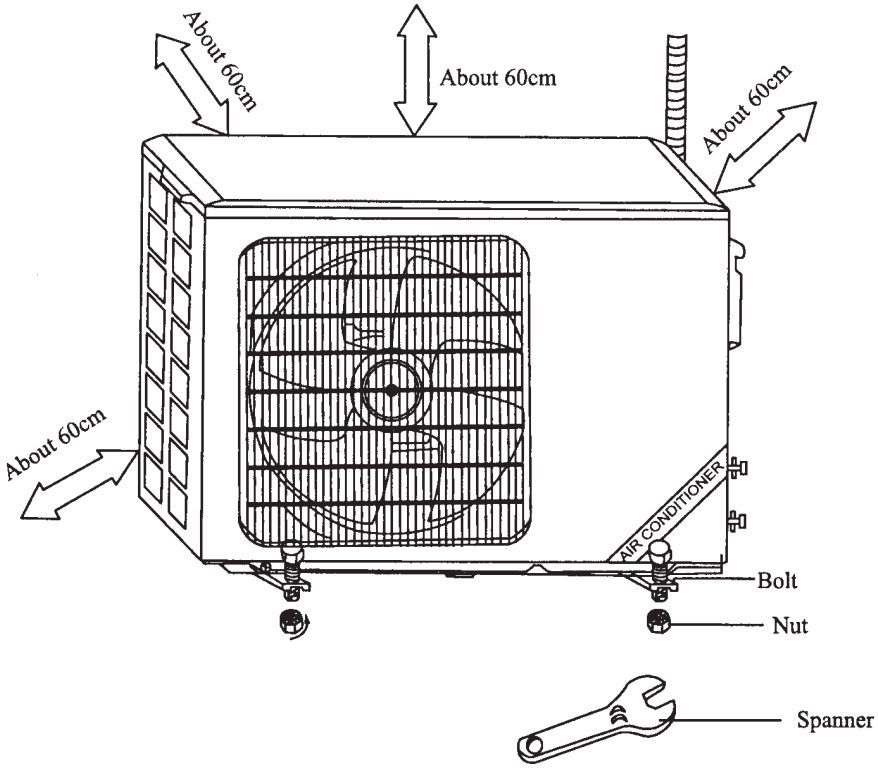
Model: ASH-12CS





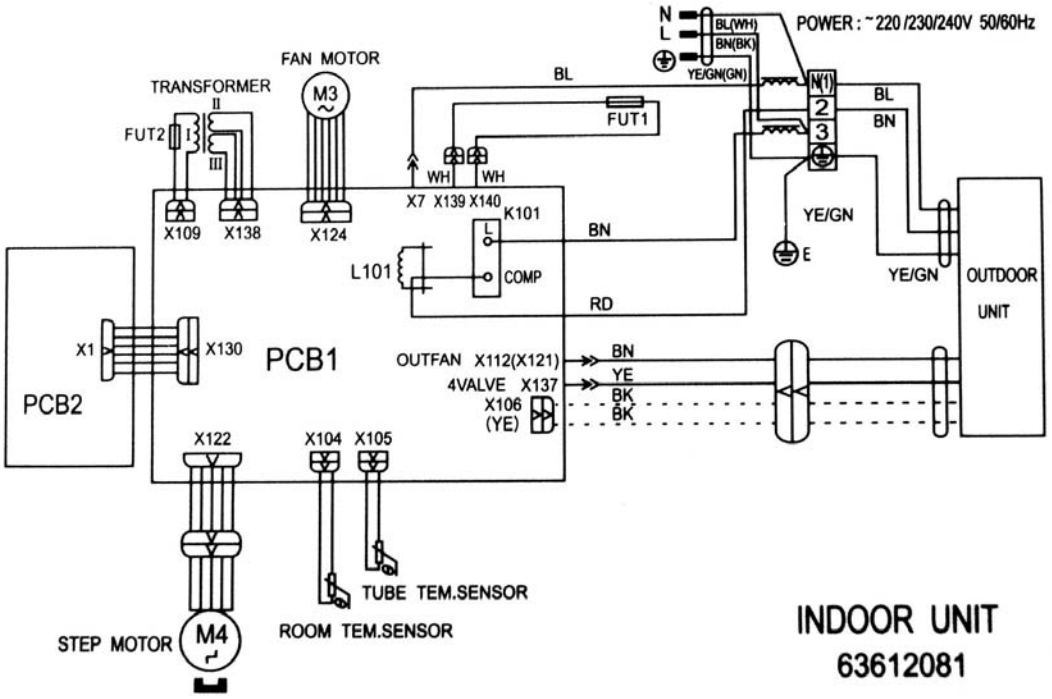
Model: ASH-09CS

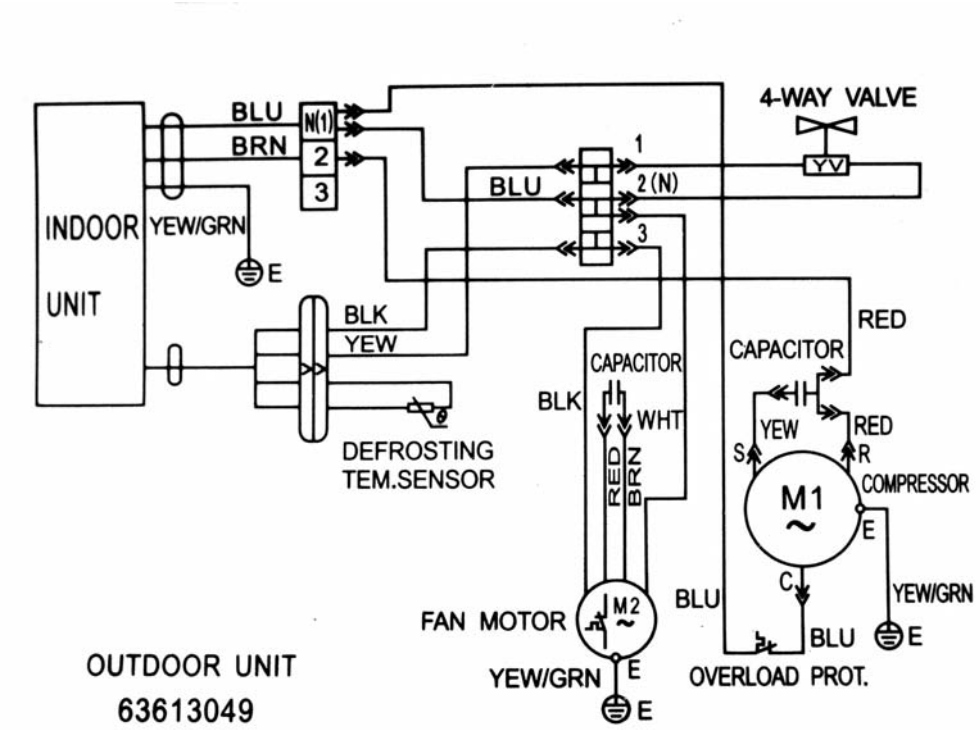




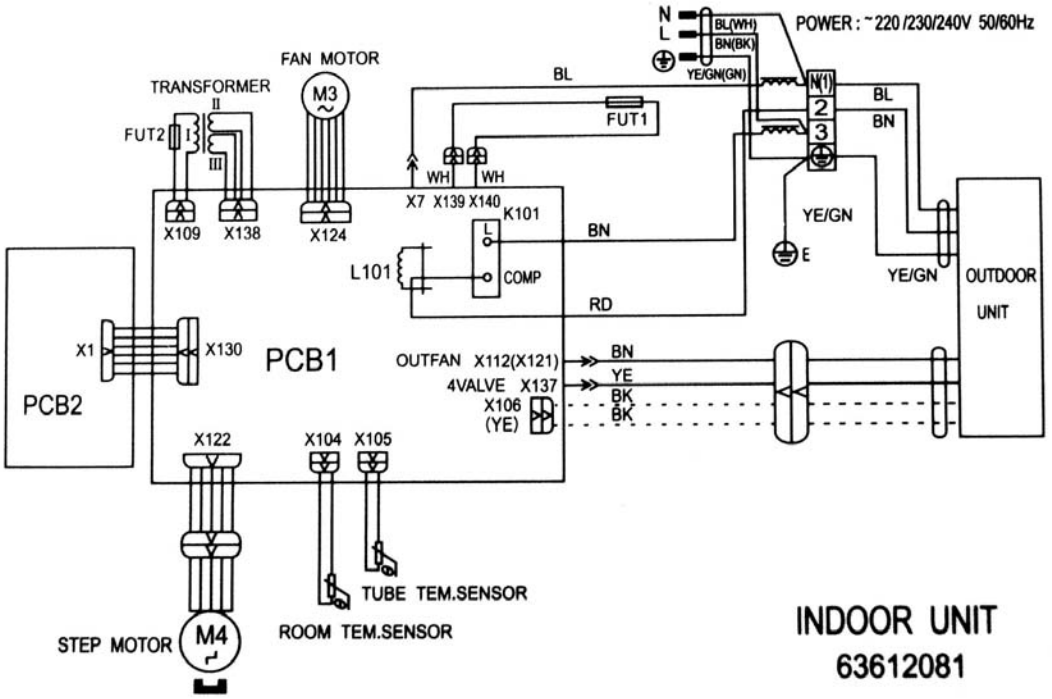
1.8 Wiring diagrams

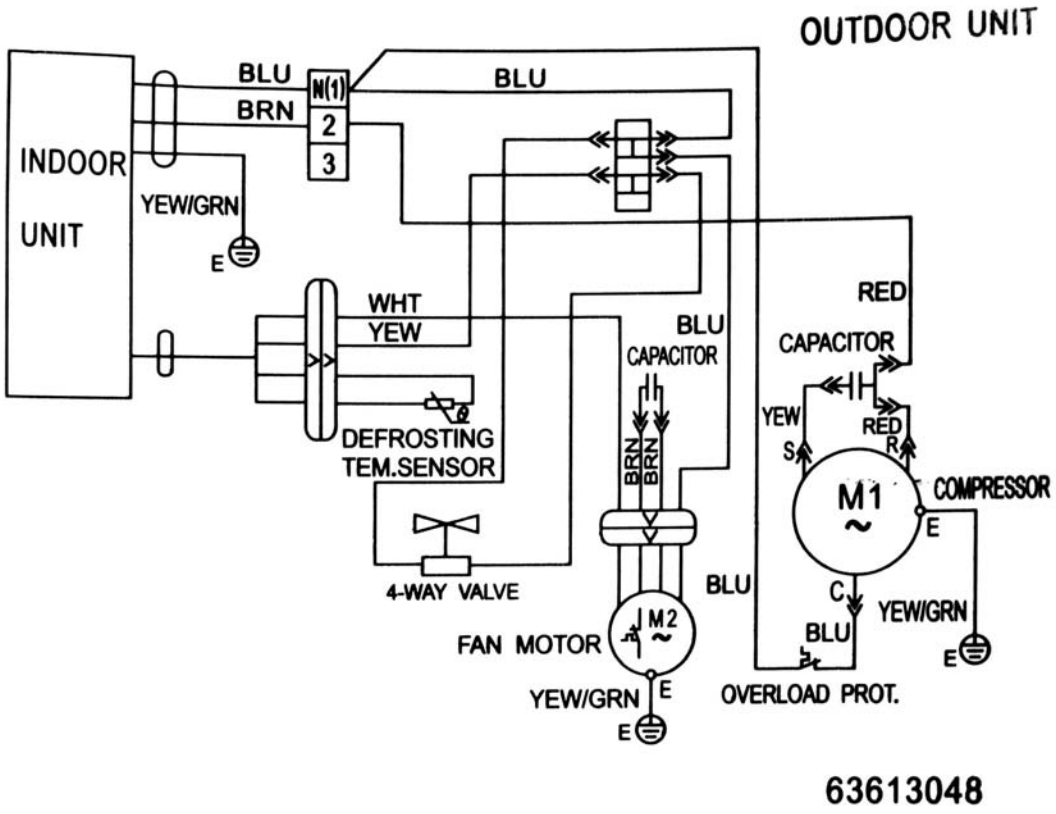
ASH-09CS





ASH-12CS


N
L
BL(WH)
BN(BK)
YE/GN(GN)
POWER : ~220/230/240V 50/60Hz
FAN MOTOR
M3
TRANSFORMER
FUT2
FUT1
BL
BN
WH
WH
X7 X139 X140
K101
X109
X138
X124
L101
COMP
YE/GN
E
OUTDOOR UNIT
RD
X1
X130
PCB1
PCB2
OUTFAN X112(X121)
4VALVE X137
X106 (YE)
BK
X122
X104 X105
TUBE TEM.SENSOR
STEP MOTOR
M4
ROOM TEM.SENSOR
INDOOR UNIT
63612081


OUTDOOR UNIT
INDOOR UNIT
BLU
BRN
BLU
YEW/GRN
E
WHT
YEW
DEFROSTING TEM.SENSOR
4-WAY VALVE
BLU
CAPACITOR
BRN
BRN
FAN MOTOR
M2
YEW/GRN
E
E
RED
CAPACITOR
YEW
RED
S
R
M1
COMPRESSOR
E
C
YEW/GRN
E
BLU
BLU
OVERLOAD PROT.
63613048

1.9 PCB function manual

5 in 1 PCB function manual

A. running mode

1. cooling 2.dehumidifying 3.heating 4.fan 5.auto

B. input parameters

1. indoor ambient temp. T_{in}
2. evaporator tube temp. T_{eva}
3. setting temp. T_{set}
4. condenser tube temp. T_{con}

C. targets

1. indoor motor (PG motor)
2. swing motor
3. outdoor motor
4. compressor
5. four-way reversing valve
6. electric heater
7. fresh motor

D. fundamental functions

1. cooling mode

(1) the running conditions and control measures

a. If $T_{in} \geqslant T_{set} + 1℃$, the machine runs at the cooling mode. Compressor runs, outdoor motor runs, indoor fan runs at the set fan speed.

b. If $T_{in} \leqslant T_{set} -1℃$, the machine stops. Compressor stops first , outdoor motor stops after 15 seconds.

c. If $T_{set} -1℃ < T_{in} < T_{set} +1℃$,keep the previous state.

(2) In this mode, the reversing valve is inactive, the temp. setting range is from 16~30℃.

(3) protect function

a. anti-freezing function

If the compressor has run 6 minutes , and detect $T_{eva} < 0℃$ for continuous 3 minutes, then the compressor , outdoor fan stop, indoor fan runs at the set fan speed. After 3 minutes later, it will run at the original state if $T_{eva} \geqslant 10℃$.

b. compressor protection

Compressor’s starting interval should be more than 3 minutes no matter in whatever modes and conditions.

c. overload protection

If it detects the system current surpass the designed 13 A for continuous 3 minutes, the machine goes into fan mode only, when 3 minutes passes and it detects the current no more than 13 A, it will be back to original state. If it detects overloading states for 3 consecutive times within 30 minutes, the machine stops, and it must be restarted by remote controller.

2. dehumidifying mode

(1) the working conditions and control measures

a. If $T_{in} > T_{set}+2℃$, it is in cooling running, the indoor motor speed can be selected ,and outdoor motor runs at low speed.

b. If $T_{set}-2℃ \leqslant T_{in} \leqslant T_{set}+2℃$,it goes into dehumidifying running ,the indoor motor run at low speed, 6 minutes later the compressor and the outdoor fan stop, another 30 seconds later the indoor fan stops, 3 and a half minutes later, compressor and outdoor fan run again ,indoor motor runs at low speed, then the machine cycles the above procedures repeatedly.

c. If $T_{in} < T_{set}-2℃$, compressor ,outdoor motor and indoor motor stop.

(2) In this mode, the reversing valve is inactive , the temp. setting range is 16~30℃.

(3) anti-freezing protection

If $T_{in} > T_{set}+2℃$, it goes into cooling running , anti-freezing function is the same with cooling mode, but the compressor must stops for 4 minutes. when it goes into dehumidifying mode, compressor runs 6 minutes , if it detects $T_{eva} < 0℃$,compressor and outdoor motor stop, indoor motor runs at low speed ,after 3 minutes delayed, and $T_{eva} \geqslant 10℃$,it will be back to its original state.

3. heating mode

(1) the working conditions and control measures

a. If $T_{in} \leqslant T_{set}+2℃+T_{add}$, it goes into heating mode, reversing valve, compressor and outdoor motor all work in the same time, indoor fan will run at the same procedures with anti cool air function.

b. If $T_{in} \geqslant T_{set}+4℃+T_{add}$, compressor stops first, 15 seconds later, outdoor motor stops ,but reversing valve keeps working, indoor motor runs at the procedures of blowing surplus heat.

c. If $T_{set}+2℃+T_{add} < T_{in} < T_{set}+4℃+T_{add}$, keep the previous running state. (T_{add}=1℃ or 0℃, it can be selected)

(2) In this mode, the temperature setting range is 16~30℃.

(3) the working conditions of auxiliary electric heater

In heating mode, when compressor is working, indoor motor runs at high speed and middle speed. If it detects T_{eva}<50℃ for continuous 8 seconds and $T_{in} \leqslant 25℃$, electric heater will work ,if compressor stops or indoor motor runs at low speed or $T_{eva} \geqslant 54℃$ or $T_{in} \geqslant 28℃$ or 10 seconds before defrosting , the electric heater will stop.

(4) protections

a. anti cool air

When the compressor starts, if $T_{eva} \geqslant 41℃$ or the indoor fan runs after 20 seconds delayed, swing motor will run at the set speed .

b. anti high temp.

In heating mode, if it detects $T_{eva} \geq 56℃$(58℃ can be selected), outdoor motor will stop. If $T_{eva} \leq 53℃$, outdoor motor will be back running.

c. blowing surplus heat

In heating mode, when set temp is reached, the compressor stops first,15 seconds later outdoor fan stops, the indoor motor blows 30 seconds (60 seconds can be selected) at low speed.

d. Compressor's protection is the same with the one in cooling mode.

e. overload protection

If it detects that the system current surpassed the designed 13 A for continuous 3 seconds, compressor, electric heater and outdoor motor stop , indoor motor runs the same procedures as the blowing surplus heat condition. After 3 minutes and current no more than 13 A, the machine will be back to its original state, indoor motor runs as the anti cool air condition. If it detects overloading state for 3 consecutive times within 30 minutes, the machine stops, and it must be restarted by remote controller.

f. defrosting conditions and procedures

In heating mode, if compressor has run 44 minutes (in its first 6 minutes it will not detect defrosting temp.) , and it has detected $T_{con} \leq -4℃$ for continuous 1 minute, it begins to defrost , electric heater will stop for 10 seconds (even if electric heater is not working) , then indoor motor stops , reversing valve becomes inactive in another 2 seconds. Another 2 seconds later, outdoor motor stops, when $T_{con} \geq 10℃$or defrosting lasts for 10 minutes , outdoor motor and reversing valve become active , indoor motor will run as the anti cool air condition, then it cycles again, recalculates the compressor's running time again. (In this period , if any protection works ,and after the machine is back to work , it will re-start defrosting state. it will not detect outdoor tube temp when compressor's in its first 6 minutes running)

g. noise lowering protection

When you use RUN/STOP button to switch off the machine, reversing valve will become inactive in 2 minutes.

4. fan mode

The light is on when it runs.

5. AUTO mode

(1) In AUTO mode, standard cooling T_{set}=25℃, standard heating T_{set}=20℃

(2) working procedures

a. If $T_{in} \geq T_{set} + 1℃$, select cooling mode, from this time, the set temp. is 25℃. If $T_{in} \leq T_{set}-1℃$, compressor and outdoor motor stop, indoor motor runs at the set speed. If $T_{set} -1℃ < T_{in} < T_{set} +1℃$, keep the original state.

b. If $T_{in} \leq T_{set}+2℃$, select heating mode, from this time, the set temp. is 20℃. If $T_{in} \geq T_{set} + 4℃$, compressor stops first, outdoor motor stops 15 seconds later , reversing valve is always active, indoor motor runs as the blowing surplus heat condition. If $T_{set} +2℃ \leq T_{in} < T_{set} +4℃$, keeps the original state.

Cooling & heating AUTO mode: in AUTO mode, when the machine is switched from heating mode to the other modes, reversing valve becomes inactive in 90 seconds.

Cooling only AUTO mode: there is no heating function in this mode.

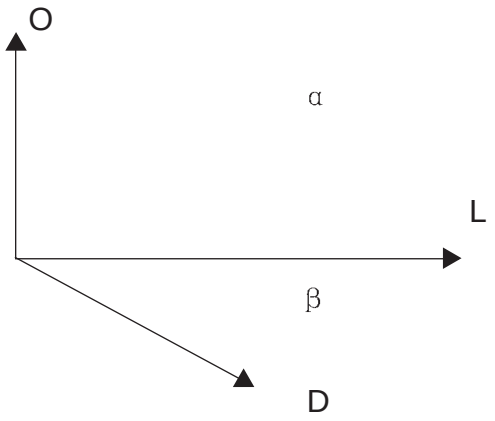
(3) protections

It is same as the one in cooling or heating mode.

E. other controls

1. SWING mode

Refer to the figure below:



2. beeper

a. When PCB becomes active or receives the signal from the remote controller , the beeper will beep.

b. If the rmostat is open-circuited or short-circuited, when you press the TEST button, the beeper will alarm at the frequency 2Hz.

3. indication lamps

It flashes when defrosting begin.

4. multi-step switch

a. If the switch is in AUTO position, the machine will run at the AUTO mode, if there is a signal from remote controller, it will run according to the signal .

b. If the switch is in TEST position, the machine will run at the COOL mode, indoor motor will run at high speed , swing motor will run according to SWING mode. If there is a signal from remote controller, it will run according to the signal .if the thermostat is open-circuited or short-circuited , the beeper will alarm at the frequency 2Hz .

c. If the switch is in RUN position , the machine will run according to the remote signal.

d. If the switch is in STOP position, the machine will stop.

5. SLEEP mode

a. In cooling or dehumidifying mode, 1 hour after you set the sleep timer ,T_{set} will add 1℃ automatically, another 1 hour, another 1℃ will be added.

b. In heating mode, 1 hour after you set the sleep timer, T_{set} will lower 1℃automatically, another

1 hour, another 1℃will be lowered .

6. Automatic fan speed

a. In cooling mode, if $T_{in} > T_{set} + 3℃$ high speed

$T_{set} + 1℃ \leqslant T_{in} \leqslant T_{set} + 3℃$ middle speed

$T_{in} < T_{set} + 1℃$ low speed

b. In heating mode, if $T_{in} \leqslant T_{set} - 2℃$ high speed

$T_{set} - 2℃ < T_{in} < T_{set}$ middle speed

$T_{in} \geqslant T_{set} + 2℃$ low speed

F. Fresh air function

1. two fresh air modes

a. fresh air 2

Fresh air motor will work 1 hour, then rest 1 hour, then cycle again.

b. fresh air 1

Press the button AIR on the remote controller to select fresh air 1 function, the swing motor keeps running till you give a signal to change it.

G. Time function

1. Set time to turn on

When you set time the machine is inactive. If it reaches the time you have set, it will run as the previous settings. The time setting range is 0.5~24h.

2. Set time to turn off

When the machine is inactive you can set the time to be turned off. It will stop working when the time comes. The time setting range is 0.5~24h.

H. Memory function

After the power is cut suddenly, when it’s restarted, it will run at the orginal state.

PARTS GUIDE

sinclair

SPLIT TYPE
SLIM

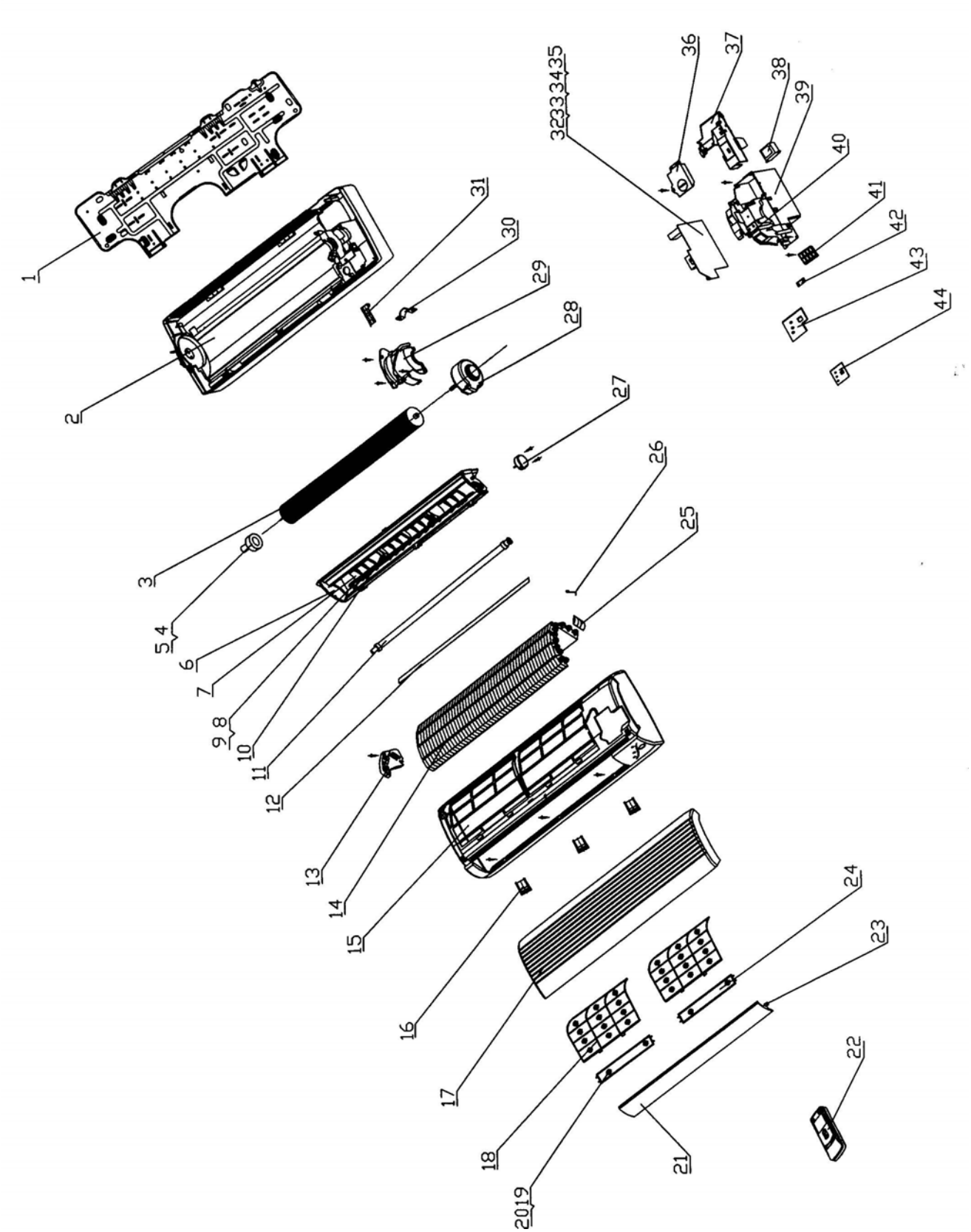
ASH-09CS

ASH-12CS

Contents

Explosive view and spare parts list of indoor unit

ASH-09CS



No.	Description	Part Code	Updated		Qty	Price Rank
			Part code	Date		
ASH-09CS - Indoor Unit						
1	Wall-Mounting Frame	01252438			1	AK
2	Rear Case	22202001			1	AW
3	Cross Flow Fan	10352001			1	AM
4	Fan Bearing	76512210			1	AC
5	Ring of Bearing	76512203			1	AC
6	Water Tray Assy	20182012			1	AM
7	Swing Louver	10512002			12	AB
8	Connecting Lever 1	10582002			1	AD
9	Connecting Lever 2	10582003			1	AD
10	Manual Lever	10582001			2	AA
11	Drainage Pipe	05232411			1	AD
12	Evaporator Gate	26112022			1	AG
13	Evaporator Supporter	24212001			1	AK
14	Evaporator Assy	010020423			1	AZ
15	Front Case	20002003			1	AU
16	Screw Cover	24252001			3	AB
17	Front Panel	20002001			1	AM
18	Filter	11122002			2	AD
19	Air Cleaner holder	24222001			2	AC
20	Air Cleaner A	11012002			1	AE
21	Guide Louver	10512001			1	AF
22	Remote ControllerY512	30512506			1	AT
23	Guide Louver Bearing	10542011			3	AB
24	Air Cleaner B	11012003			1	AE
25	Evaporator Pipe Cover	06122001			1	AA
26	Sensor Insert	42020063			1	AD
27	Stepping Motor MP24GA	15212102			1	AF
28	Motor FN14C	15012501			1	AU
29	Motor Clamp	26112014			1	AG
30	Wire Clamp	71010103			1	AB
31	Pipe Clamp	24242001			1	AD
32	Main PCB 5K522J	300557201			1	BC
33	Tube Sensor	390000594			1	AD
34	Room Sensor	390000453			1	AD
35	Fuse 3.15A 250VAC	46010014			1	AA
36	Electric Box Cover 2	01412007			1	AE
37	Electric Box Cover	01402014			1	AE
38	Transformer	43110170			1	AH
39	Electric Box	20102001			1	AK
40	Cable Clamp	70482001			1	AB
41	Terminal Board T4A3A7377	42010183			1	AF
42	Wire Clip	70482401			1	AB
43	LED Holder	24212005			1	AG
44	Receiver Board JD	30046034			1	AL
45	Connecting Cable	40020402			1	AM
46	Signal Cable	40032150			1	AP
47	Power Cord	40020202			1	AN

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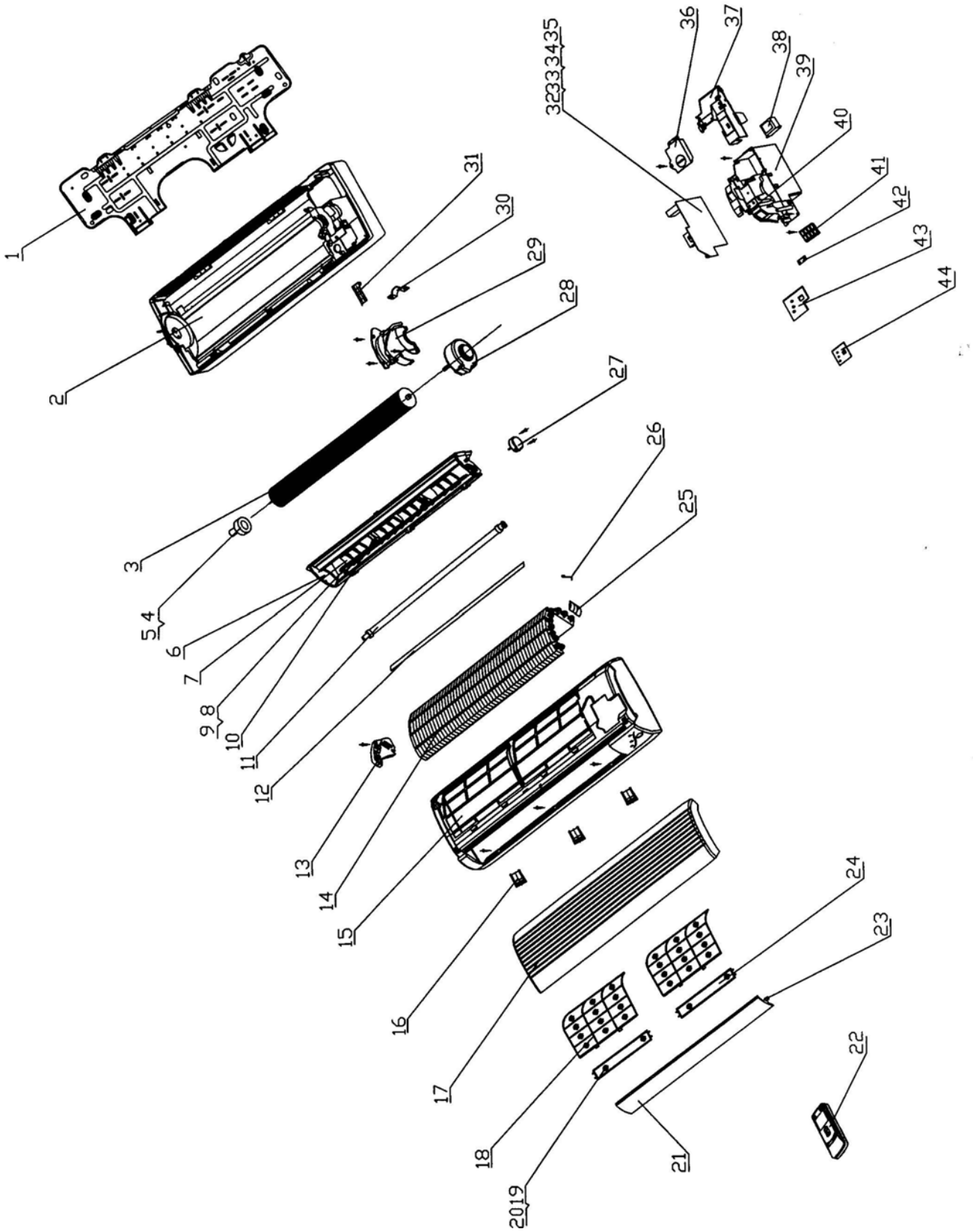
Explosive view and spare parts list of indoor unit

ASH-12CS



No.	Description	Part Code	Updated		Qty	Price Rank
			Part code	Date		
ASH-12CS - Indoor Unit						
1	Wall-Mounting Frame	01252220			1	AK
2	Rear Case assy	22202305			1	AW
3	Cross Flow Fan	10352001			1	AM
4	Fan Bearing	76512210			1	AC
5	Ring of Bearing	76512203			1	AC
6	Water Tray Assy	20182012			1	AM
7	Swing Louver	10512002			12	AB
8	Connecting Lever 1	10582002			1	AD
9	Connecting Lever 2	10582003			1	AD
10	Manual Lever	10582001			2	AA
11	Drainage Pipe	05232411			1	AD
13	Evaporator Supporter	24212001			1	AK
14	Evaporator Assy	01002070			1	AZ
15	Front Case Assy	20002111			1	AU
16	Screw Cover	24252001			3	AB
17	Front Panel	20002001			1	AM
18	Filter	11122002			2	AD
19	Air Cleaner holder	24222001			2	AC
20	Air Cleaner A	11012002			1	AE
21	Guide Louver	10512001			1	AF
22	Remote ControllerY512	30512505			1	AT
23	Guide Louver Bearing	10542011			3	AB
24	Air Cleaner B	11012003			1	AE
25	Evaporator Pipe Cover	06122001			1	AA
26	Sensor Insert	42020063			1	AD
27	Stepping Motor MP24GA	15212102			1	AF
28	Motor FN14A	15012108			1	AU
29	Motor Clamp	26112014			1	AG
30	Wire Clamp	71010103			1	AB
31	Pipe Clamp	24242001			1	AD
32	Main PCB 5K522J	300557201			1	BC
33	Tube Sensor	390000594			1	AD
34	Room Sensor	390000453			1	AD
35	Fuse 3.15A 250VAC	46010014			1	AA
36	Electric Box Cover 2	01412007			1	AE
37	Electric Box Cover	20102114			1	AE
38	Transformer	43110170			1	AH
39	Electric Box	20102001			1	AK
40	Cable Clamp	70482001			1	AB
41	Terminal Board T4A3A7377	42010183			1	AF
42	Wire Clip	42012415			1	AA
43	LED Holder	24212005			1	AG
44	Receiver Board JD	30046034			1	AL
45	Connecting Cable	40020403			1	AM
46	Signal Cable	40032150			1	AP
47	Power Cord	40020203			1	AN

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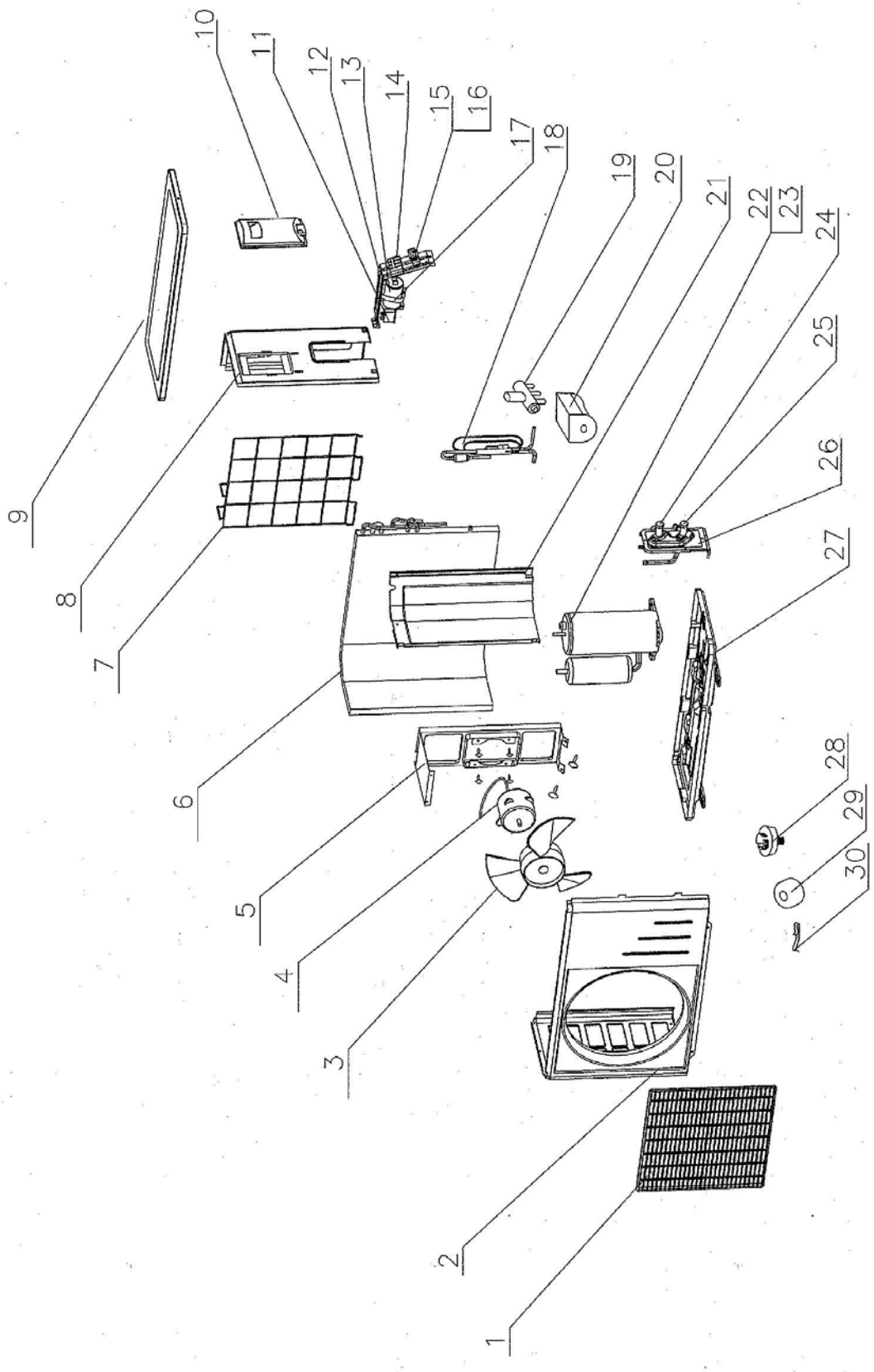
Explosive view and spare parts list of outdoor unit

ASH-09CS



No.	Description	Part Code	Updated		Qty	Price Rank
			Part code	Date		
ASH-09CS - Outdoor Unit						
1	Front grill	22263002			1	AG
2	Front plate	01533014			1	AM
3	Axial flow fan	10333002			1	AM
4	Motor FW20F	15013156			1	AV
5	Motor support	01703029			1	AE
6	Condenser assy	011032143			1	BB
7	Rear grill	11123201			1	AG
8	Right side plate assy	01303151			1	AH
9	Top cover assy	01253263			1	AH
10	Handle	26233101			1	AC
11	Fan Capacitor	33010020			1	AE
12	Electric box	01413002			1	AF
13	Compressor capacitor	33000017			1	AG
14	Terminal board T386A	42011241			1	AD
15	Wire seat	24253001			1	AC
16	Wire clip	24253002			1	AC
17	Capacitor clamp	02143014			1	AB
18	Capillary assy	030032503			1	AW
19	4-way valve	430004021			1	AU
20	4-way valve coil	43000400			1	AH
21	Isolation sheet assy	01233103			1	AH
22	Compressor	01233104			1	BN
23	Overload protector	01233105			1	AR
24	Valve 1/4"	01233106			1	AG
25	Valve 3/8"	01233107			1	AG
26	Valve support	01233108			1	AD
27	Metal base	01233109			1	AH
28	Drainage Connecter	01233110			1	AA
29	Compressor Gasket	01233111			3	AE
30	Sensor Insert	01233112			1	AD

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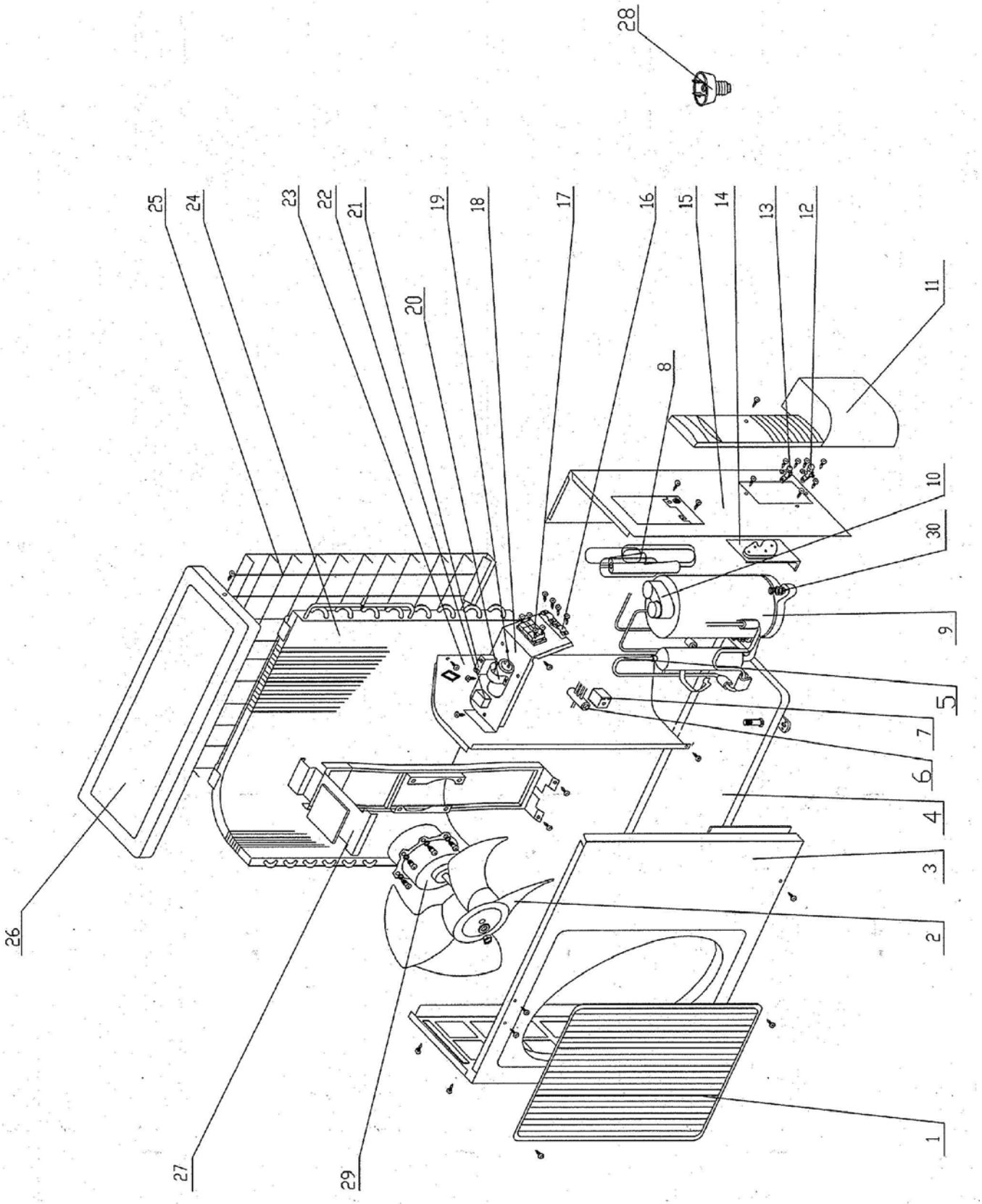
Explosive view and spare parts list of outdoor unit

ASH-12CS



No.	Description	Part Code	Updated		Qty	Price Rank
			Part code	Date		
ASH-12CS - Outdoor Unit						
1	Front Grill	22413431			1	AG
2	Axial Flow Fan	10333412			1	AM
3	Front Plate	20002041			1	AM
4	Metal Base	01203245			1	AH
5	Suction Pipe	03623373			1	AK
6	4-way valve	430004021			1	AU
7	4-way valve coil	43000400			1	AH
8	Capillary Assy	03003688			1	AW
9	Compressor QXC-21uB030g	00100192			1	BN
10	Overload Prot. B260-150A-	00180046			1	AR
11	Handle	26233433			1	AC
12	Valve 1/2	07100133			1	AH
13	Valve 1/4	07100149			1	AG
14	Valve Support	01713041			1	AD
15	Right Side Plate Assy	01302004			1	AH
16	Wire Clamp	71010103			2	AB
17	Terminal Board T386A	42011241			1	AD
18	Electric Plate	0140302711			1	AF
19	Capacitor CBB65 30uF/450V	33000018			1	AK
20	Capacitor Clamp	02140001			1	AB
21	CapacitorCBB61 3uF/450V	33010027			1	AE
22	Terminal Board 2-8	42011103			1	AD
23	Isolation Sheet Assy	01233417			1	AH
24	Condenser Assy	011030564			1	BE
25	Rear Grill	01473030			1	AG
26	Top Cover	012532611			1	AH
27	Motor Support	01703068			1	AE
28	Drainage Connecter	06123401			1	AA
29	Motor FW48C	15013039			1	AX
30	Compressor Gasket	76710247			3	AE

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