http://biz.lgservice.com

Room Air Conditioner
SVC MANUAL(Exploded View)

CAUTION

Before Servicing the unit, read the safety precautions in General SVC manual.
Only for authorized service personnel.

1. Specification

BRAZIL'S PRODUCTION MODEL	TS-C186KGA5
SUFFIX	AMBBDXB
Buyer Model No.	
Capacity	
Cooling [Kcal/h]	4 536
Heating [Kcal/h]	-
Power Factor	98%
Elelctrical Parts	
Voltage,Frequency,Phase [V,Hz,p	220-240V,50,1
Power Input. Cooling/Heating [Watt]	2 100
Running Current. Cooling/Heating [A]	9.5
Rerformance	
EER [Btu/hr. W]	8.57
EER [W / W]	2.51
Air Circulation [In/Out] [㎥/min]	13.24/51
Moisture Removal [ℓ/hr]	2.3
Noise Level [In/Out] [dB(A)±3]	42/56
Features	
Nano PLASMA Air Purifying System	Y
Gold Fin	Y
Temperature Control	Y
CHAOS Swing	New Chaos
Auto Changeover	N
Auto Cleaning	N
Hot Start	N
Air Direction Control[Up&down]	Auto
Air Direction Control[left&right]	Manual
Remote Controller type	Wireless LCD
Setting Temperature Range [Cool/Heat]	18-30
Micom Control	Y
Timer	7Hr.Off
Auto Restart	Y
Jet Cool	Y
Healthy Dehumiditfication	Y
Restart Delay	3
Comperessor type	Rotary,QJ306PCB
Installation & Stuffing	
Net Dimensions Indoor WxHxD Outdoor WxHxD	 1090*214*276 840*577*276
Net weight In/Out	13/60
Connecting tube Liquide side mm[in] Gas side mm[in] Length,std m[in]	 6.35 18.7 5
Stuffing Quantity	
Without S/parts	

Note:
O : Applied, - : No relation
* For circuit breaker rating, please conform to local standards wherever necessary.

❊ Some of functions are slightly different depending upon models.
❊ The specification may be subject to change without prior notice for purpose of improvement.

2. Piping Diagrams

LOC.	Description	PCB Connector
Th1	Thermistor for indoor air temperature	CN-TH1
Th2	Thermistor for evaporating temperature	

(2) Cooling & Heating Models

Indoor Unit

POWER
PCB ASM
CN-MOTOR
CN-TH
THERMISTOR
MOTOR
OR
BK
SSR
ZNR
CN-U/D
STEP MOTOR U/D
BR
YL
SH-CAPA
CN-TAB1
CN-TAB2
FUSE
(250V/2A)
RY-COMP
FORCE S/W
CN-SUB
CN-FORCE
SUB PCB
CN-LIMIT
BR
BL
GN/YL
CN-DISPLAY
DISPLAY PCB ASM
H.V ASM
RD
BK
AIR CLEANER PLASMA
USE FOR PLASMA MODEL
LIMIT SWITCH
T/BLOCK
TO OUTDOOR UNIT
INDOOR WIRING DIAGRAM
MEZ49480001

FUSE
RY-COMP3
RY-COMP4
CN-U/D
CN-SUB
CN-N2
CN-N1
CN-MOTOR

Outdoor Unit

Exploded View

1. Indoor Unit

P/NO :MFL37322704

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