



Xiamen Airnasa Electrotech CO.,Ltd

Add : 3FL,No23Xiangyue Rd.,Tor Hi-tech Industrial Zone,Xiang'an,China
Phone : +86-13959282898 Fax: +86-592-7292798
Email:moonby@163.com <https://airnasa.1688.com/>

guest: _____

product name: 220V Plasma generator

Date of issue: 2019-11-15

version: AIR-KJF02

draw up: Eagle liao

check: _____

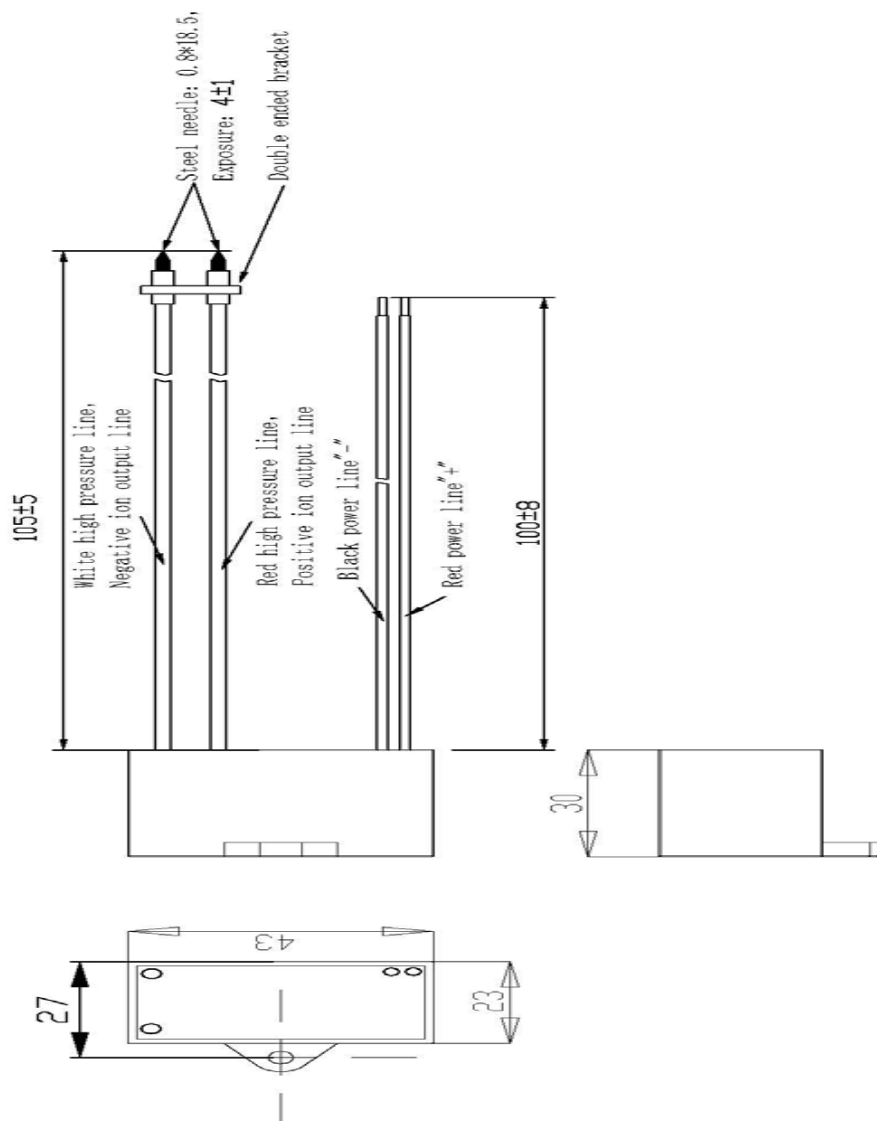
authorize: _____

Customer confirmation		
engineering	quality control	approve



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Customer	NO.		AIR-19-11-15-02	
Name	Plasma	Edition	NO.	1-1
Model	AIR-KJ502	NO.	Sample date	
Electrical parameters	Input voltage	220V	Output	±5.0 (V±0.5KV)
	Input current	≤10mA	Ion concentration	≥1.0×10 ¹⁰ /cm ³
Approval	Inspect		Make	
Customer opinion:		Change:		

Project	Specifications	Remarks
Shell	PBT	
Potting material	Black epoxy resin	
Input line	Red/Black UL 1569 AWC24 105, 300V	
High pressure line	Black UL 3239 AWC22 150, 10KV	



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technical parameter

File	AIR-19-11-11-02		Version		Page	
Model		AIR-KJF02	Sample		Date	
一、 electronic parameters:						
Working Voltage		AC220V	electric current	≤10mA		
Operation Voltage Range		AC200~240V				
Output Voltage		Normal temperature output voltage±5.0KV±0.5KV				
Negative ion concentration		≥10.0*10 ⁶ ↑/cm ³ (Sampling at 10cm at normal temperature by transmitter distance tester)				
Service life		Input voltage AC220V,working environment temperature less than 60℃,the product can work continuously and steadily for 30000hours				
Storage temperature range		-20℃～50℃				
Withstand voltage test		DC3700V 1mA 60s no breakdown for Power Cord to housing and negative High Voltage Line				
Insulation impendence		Power cord to case and negative high voltage transmitter ≥10m				
High temperature characteristics		Stable operation of power supply at 80℃Cin high temperature envirnment				
Moisture resistace		After 12H under 93% humidity,it can work normally				
Percussive experiment		Voltage AC220V, open for 30 seconds, off for 60 seconds, impact≥5000 times				
Fall experiment		0.5m from the ground, free fall to 3cm thick board, repeated test 10 times, electrify, can work normally				
二、 inspection report:						
Test conditions	Input voltage			AC220V		
	Room temperature					
	humidity level			49%		
Output	-DC(KV)	Negative ion concentration (pcs/cm ³)(10cm)	DC(KV)	Negative ion concentration (pcs/cm ³)(10cm)		
Sample 1						
Sample 2						
Sample 3						
Sample 4						
Sample 5						
Sample 6						
Sample 7						



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Sample 8				
Sample 9				
Sample 10				
Test equipment	VC9805、HF 149-20AD digital high-voltage meter, AIC2000 air ion concentration tester, CC267LA pressure gauge.			
Test site	quality inspection room			
Test environment	No obvious air flow, no movement, no smoking, temperature 25℃2±2℃, humidity 45%±5%			
Note:	When testing ion concentration, the unexpected pole needs to be wrapped			

Check

Quality

Mark