

WUHAN RUICH GREATUP INDUSTRY LIMITED

产品数据表 product data sheet

气泵参数 Parameter of Pump

(测试条件: 环境温度 $20^{\circ}\text{C} \pm 5^{\circ}\text{C}$, 相对湿度 25%-75%, 气泵静置二小时以上)

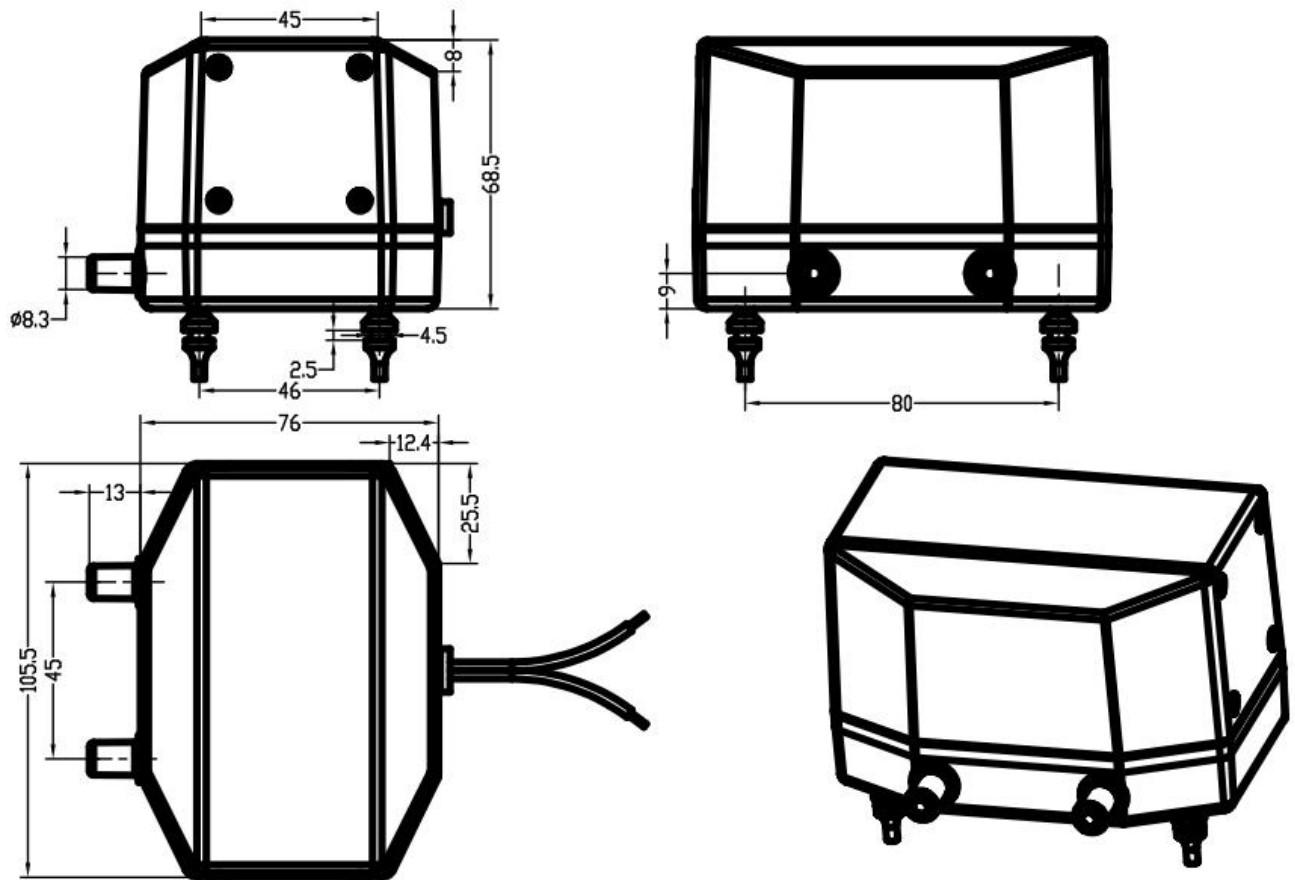
气泵类型 Type of pump: AC Pump

NO.	项目名称 PROJECT NAM	技术要求
1	外形及安装尺寸 Appearance and mounting dimensions	按外形图 According to the outline drawing
2	工作制 A week	连续工作制 Continuous duty system
3	额定电压 The rated voltage	220 VAC
4	频率 Frequency	50HZ
5	空载电流 NO-load current	75MA \pm 10%
6	负载电流 Rated current	
7	空载额定功率 No load rated power	14W \pm 10%
8	负载额定功率 Load rated power	
9	直流阻抗 Resistance	
10	使用电压范围 Service voltage range	AC220V \pm 10%
11	出气口流量 Air outlet flow	15L/min \pm 10%
12	出气口压力 Air outlet flow	30Kpa \pm 10%
13	使用形式 Service type	间歇、连续 Interval, Continuous

WUHAN RUICH GREATUP INDUSTRY LIMITED

14	绝缘等级 Insulation grade	E 级 E-level
15	通过介质 Medium	空气 Air
16	环境压力 Environment pressure	1kgf/cm ²
17	允许周围温度 Allowed ambient temperature	0°C~40°C
18	最低使用电压 Lowest service voltage	在 20°C 以下工作, 电压 210V 以上 Over 210v when working below 20°C
19	最高使用电压 Highest service voltage	在 20°C 以下工作, 电压 230V 以下 Less than 230v when working below 20°C
20	温升 Winding temperature rise	在连续通电 220V, 不通过介质的状态下, 70K 以下 Less than 70K upon the continuous switch-on of 220V
21	绝缘电阻 Insulation resistance	线圈与非充电金属部位之间 DC500V 时, 10MΩ 以下 Less than 10MΩ upon DC500V between the coil And discharged metal part
22	耐压强度 Voltage withstanding strength	2500V/S
23	受压强度 Compressive strength	静负荷 5KG 以上 Dead load, over 5KG
24	导线强度 Wire strength	导线受拉 1KG 静负荷无异常 No abnormality upon the tension with the dead load of 1KG
25	寿命 Life	正常负荷时, 在 220V 输入电压的持续工作状态下, 工作 10000H 以上 upon the normal load, it can work for more than 10000H under the continuous working condition with the input voltage of 220V
26	噪音 Noise	气泵出气口接上 500cc 气囊, 距噪音计 50cm 处, 噪音平均值 ≤45dB Connect the air pump with 500cc air cylinder 50cm away from the noise meter, get the average value ≤50dB
27	重量 Weigh	0.7Kg ±5%

外观 Appearance



气泵安全试验方法及规则 Electrical safety Test methods and rules

试验条件 Test conditions

- 1、不超过海拔 1000 米 No more than 1000 meters above sea level
- 2、环境温度：25℃~40℃ ambient temperature of 25℃ to 40℃
- 3、环境湿度：45%~75% Environmental humidity:45%~75%

1、气泵的综合电参数测试 Electrical parameters of the pump test

测试额定 AC220V 电压，50HZ 频率下气泵的电参数、功率参数值，参数与规格承认数值一致 At AC220V rated voltage, 50HZ frequency, test the pump current, power parameter values

2、气泵的耐压测试 the pump disruptive test



在气泵引线与外壳之间施加 2.5KV50HZ 的电压，实验时间为 4 秒，漏电流限制设置为 0.2mA，不应发生击穿和报警；

In the applied voltage to 2.5 KV50HZ between shell and pump leads, experimental time is 4 seconds, the leakage current limit is set to 0.2 mA, breakdown and alarm should not happen;

3、气泵的噪音测试 The pump noise test



气泵出气口接上 500cc 气囊，距噪音计 50cm 处，依 220V50HZ 电源，充气稳定后测量其前后左右四个方位噪音值，所得平均值 ≤ 45 dB

Noise: The air pump outlet is connected with the 500cc air bag, which is 50cm from the noise meter. According to the power supply of 220V50HZ, it measures the noise value of the left and right sides of the air after it is stabilized, and the average value is no more than 45dB.

气泵使用和储存 Use and storage

气泵的使用和储存将影响其效率和寿命

The use and storage of pump will affect its efficiency and longevity

请注意以下几点 Please note the following points:

环境/液体温度：8℃~38℃ Temperature of the liquid environment / : 8 °C~38 °C

环境湿度：（长期）75%以下 Environmental humidity :(long-term) less than 75%.

防止太阳晒干 Prevent the sun from drying out.

不能超出正常负载及电压 Cannot exceed normal load and voltage.

不能有腐蚀性液体/气体 No corrosive liquid/gas.