

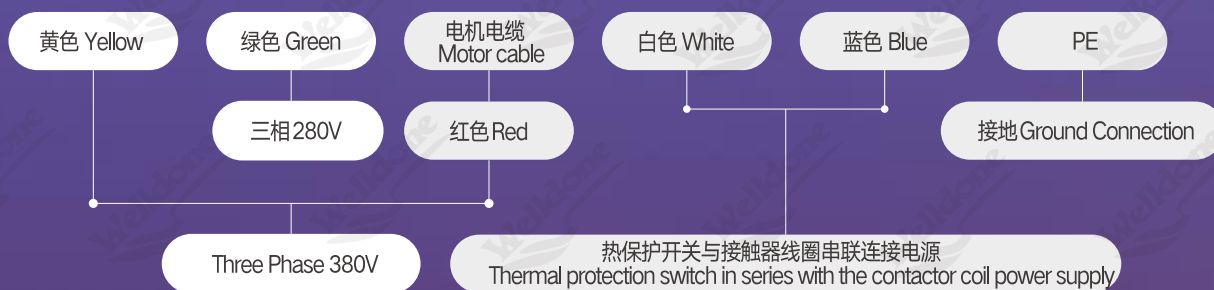
# 油气回收真空泵

## WDQP VAPOR RECOVERY VACUUM PUMP

CE、ATEX、PED、CPA、CMA  
防爆认证、计量器具型式批准证



### 外部接线 Connection



备注：WDOP100和WDOP53总共有4跟4种颜色的线

1.蓝色、黑、棕色的线接380V电源。

2.黄色、绿色，接地。

Note: There are 4 wires in 4 colors in WDOP-100 and WDOP-53

1. The Blue, Black, Brown wires connect for 380 Voltage power.

2. Yellow green connect ground

### 维护及保养

在工作前必须使其固定，检查线路并确保连接正确（接地线也确认连接），管路已连接并没有泄露。在机器工作5000小时候应更换活塞碗，但是应确保活塞碗的材料和原来的材料一致。

警告：在做任何维护及保养前，必须切断电源

### Maintenance

Castors must be fastened before using. Checking the wires to make sure they are sturdy (the ground wire also should be connected). Entering/Exhausting pipe's connections should be not of leakage. The piston bowl should be changed after the machine has worked for 5000 hours, but the piston must be in the same materials.

Warning: Before going for any maintenance, the power must be cut off.



WDQP-100



WDQP-53

适用范围 Applicability

WDQP系列油气回收真空泵是一种结构比较完善的油气回收泵，它可以在环境温度-40-60℃的条件下工作。它可以单独使用，也可以作为加油站油气回收系统的部件使用，这种泵在加油站油气回收系统中主要用于加油站的油气回收，起到减少污染、节约能源的作用。随着社会对环境的污染和能源的充分利用的要求不断提高，这种油气回收泵将会得到广泛的应用。

WDQP Series gasoline vapor recovery vacuum pump is a relatively consummate pump for gasoline vapor recovery system, it can work between the temperature of minus 40 degrees and 60 degrees, and can be used alone or as a part of the system in gas stations. In the Gasoline vapor recovery system, the pump is mainly used for collecting gasoline vapor so to lower the pollution and save resources. As the environment pollution goes from bad to worse and the requirement for efficient use of resources persistently, gasoline vapor recovery vacuum pump will be used extensively in this area.

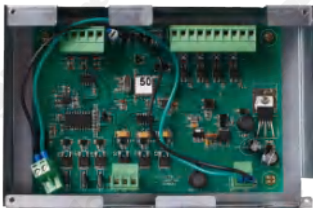
结构特征 Structure

WDQP系列油气回收真空泵，其特征在于：其泵体上固设一可受电动机驱动的泵轴，该泵轴位于内部的一端固接有一曲柄，该曲柄连接有一连杆，连杆上端固定有活塞，该活塞位于一缸套内，缸套则固定于泵体内，且活塞可在缸套内上下往复移动；在活塞上方设有一阀座组件，该阀座组件上设有进气阀及出气阀，所述进气阀及出气阀均为单向阀；另，在泵体上设有出气腔，其与阀座组件的出气阀相连通，而在泵体上还设有进气腔，其与阀座组件的进气阀相连通；所述进气腔通过一管道与一油气分离接头相连，该油气分离接头的一端通过油管接头同与油枪相连的具有内外套结构的油管相连接。

The characteristics of WDQP Series gasoline vapor recovery vacuum pump as follows: There is fixed a pump shaft that is driven by the electromotor and is connected by a brace to a pole that links to a piston which can move up and down freely in a bush inside the pump. Above the piston, there is a seat assembly which includes a non return inlet valve and outlet valves for the gasoline vapor, and the above mentioned valves are linked to the pump inlet and outlet chamber respectively. What we need to do is to connect the pump inlet chamber with a pipe to the vapor recovery adapter, and connect the adapter to the refueling nozzle with a soft, double wall tube.

型号 Model	WDQP-100	WDQP-53
功率 Power	370W	370W
抽气能力 Rating suction capacity	100L/min	53L/min
真空泵 High-point vacuum	-0.09MPa	-0.09MPa
噪音 Noise	62dB(A)	62dB(A)
电机转速 Speed	2800RPM	2800RPM
电压 Voltage	380 ± 10%V	380 ± 10%V
重量 Weight	18KG	15KG
外型尺寸 Dimension L × W × H	450 × 163 × 205mm	310 × 163 × 205mm

油气回收真空泵 Vapor Recovery Vacuum Pump



优势 Advantage

气液比可以通过电子控制的广泛的调整  
通过控制泵的转速独立分配流量面板  
结构紧凑，流量高，易于维护  
低功耗只有25W，节能环保

The vapor proportion can be widely adjusted by electronic control  
Panel through contronlling pump speed independent to dispensing flow rate  
Construction compact，hight flow rate，easy maintenanc  
Low power consumption，only 45W，energy saving

型号 Model	WD-VYB110	WD-VYB70		WD-VYB80	
防爆标志 Ex-Mark	Ex d IIB T3 Gb	Exd IIB T3 Gb		Exd IIB T3 Gb	
防爆等级 Protection Level	IP55	IP55		IP55	
电压 Voltage	220V/380VAC	220V/380VAC		36VDC	
功率 Power	120W	370W		45W	
电流 Current	1.6A/0.44A	3A/1A		2A	
流量 Flow Rate	110L/min	70L/min		80L/min	
转速 Speed	2800RPM	2800RPM		1500RPM	
真空度 Max.Vacuum	0.025Mpa	0.04Mpa		0.04Mpa	
接口螺纹 Vapor Hose Thread	BSPF/NPT1/2"	BSPF/NPT1/2"		BSPF/NPT1/2"	
包装信息 Package Date		Single Pump	Double Pump	Pump Only	Full set
尺寸 Package(mm)		460 × 200 × 300	500 × 260 × 240	420 × 340 × 370	410 × 350 × 330
净重 Net Weight		12kg	14kg	20kg	17kg
毛重 Gross Weight		13kg	15kg	21.5kg	18kg
包装尺寸 Gross Weight		1PCS/CTN	1PCS/CTN	4PCS/CTN	4SETS/CTN

防爆型油气回收泵 WD-VYB110Vapor Recovery Pump

优势 Advantage

吸力 110L/分钟  
噪音低，体积小  
同时带动2条枪  
刮片式设计更耐用  
Suction 110L/min  
Low noise，small volume  
Use two nozzles at the same time  
Scratch design is more durable







## 油气回收管组件 WDHO Vapor Hose

WDHO油气回收管组件用于油气回收。

油管可选颜色：红色，黄色，蓝色，绿色，黑色。

低温种类可适用于低温弯曲压力/弹性。

增加冷汽油，油泵的管子变的僵硬，然后越来越难操作，尤其当空置或者加注柴油时，导致轻微的膨胀。当加注汽油，管子的膨胀会产生像加入增塑剂，从而改善寒冷弹性。

EN1360规定一条新的汽油泵管子，在-30度可通过一个正常的设备，其弯曲强度一定不能高于180N。我们的标准质量则需要能承受更低弯曲压力。

WDHO hose assembly for vapor recovery system

Available hose colours:black,green,blue,yellow,red.

Low Temperature(LT) versions available.Low Temperature Bending Force/Flexibility:With increasing cold petrol pump hoses become stiffer and more difficult to handle,particularly when they are empty or filled wth Diesel which cauaes little swelling.When filled with gasoline the swelling of the tube acts as plasticizer improving the cold flexibility.

The EN 1360 specifies that a new petrol pump hose must not require a higher bending force than 180N when bending the hose at -30°C in a normed device.Our standard qualities regularly require clearly lower bending forces.

## WDOG油气回收比例阀 Vapor Recovery Proportional Valve



油气回收枪 Vapor Recovery Nozzle



型号 Model	WD-VRQ-70
环境温度 Temperature	-20°C~+40°C
工作压力 Working Pressure	0.22Mpa
最大工作压力 Max.Pressure	0.35Mpa
最大流量 Max.Flowrate	38L/min
进油口 Inlet Thread	M34 × 1.5mm
重量 Weight	1.6kg

型号 Model	WD-VRQ-80
环境温度 Temperature	-20°C~+40°C
工作压力 Working Pressure	1.5~3.5bar
最大流量 Max.Flowrate	45L/min
进油口 Inlet Thread	M34 × 1.5mm
重量 Weight	1.2kg

油气回收拉断阀 Vapor Recovery Breakaway

阻止脱落事件，这个产品用于油气回收手抢和WDHO胶管之间的，轴承和棱角的压力小于150公斤。

当他们离开的时候，驾驶员一次又一次的忘却加油枪的存在。大多数的时间没有被曝光，但是他们每天仍有上演，由于驾驶员的逃跑，例如：加油站的盗窃以及偶然的突发危害。

WDOQ拉断阀可以有效阻止因破坏而导致的加油机油溢出以及加油机倒塌，从而有效地节约了成本。

Block off event,this product is used to between vapor recovery gun and WDHO hose, between the bearings and angular pressure less than 150kg,When they leave,the driver again and again to forget the presence of refueling gun,Most of the time have not been exposed,but they are still happened every day due to the escape of the driver.

For example :the theft of the gas station and the occasional sudden hazards.

Philharmonic the WDOQ pull off valve can effectively prevent the fuel oil overflow due to destruction caused by tanker collapsed,thus effectively cost savings.

材料 Material

阀身：铝合金  
Valve body : aluminum alloy

密封件：氟橡胶  
Seals : Viton





油气回收胶管 Vapor Recovery Hose



油气回收比例阀 Vapor Recovery Proportional Valve



油气回收拉断阀 Vapor Recovery Breakaway



油气回收拉断阀 Vapor Recovery Breakaway



油气回收视油器 Vapor Recovery Oil Indicator



油气回收分离接头 Vapor Recovery Adaptor



WD-VRQ-80 Spout



WD-VRQ-70 Spout



Covers



WD-VRQ 80 Cover



WD-VRQ 70 Cover



# ABOUT US

## 关于我们



我们是生产加油(加气)站设备,在氢能源,液化天然气,压缩天然气,液化气,燃油,尿素,充电桩,家用储能设备,工商业储能设备都有很大的发展和成果。如果你也是同道中人,如果你也对新能源感兴趣。欢迎来到汇洋能源! 我们拥有多项认证,如ISO、CE、ATEX、PED、TUV、PEI、CPA、CMA、防爆认证等。我们拥有自己的专利和版权。愿我们的产品,我们的服务,能留在您深深的脑海里。最好的质量,最好的服务和最优惠的价格,是我们的服务宗旨。期待您的光临!

We are the gas station equipment supplier in Hydrogen Energy, Liquid Natural Gas, Compressed Natural Gas, Liquid Petrol Gas, Fuel, Adblue, EV Charger, Home Energy Storage, Industrial Energy Storage area.

If you are doing the same range business, if you are interested in new energy, welcome you to visit us!

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Well Quality We Done! Well Service We Done! Well Price We Done!

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EXPLOSION PROOF



CNG DISPENSER  
EXPLOSION PROOF



RADIOGRAPHIC  
EXAMINATION REPORT



EV CHARGER TUV

# HONORARY CERTIFICATE



LNG DISPENSER ATEX



MOBILE GAS  
STATION ATEX



FUEL DISPENSER ATEX



SUBMERSIBLE TURBINE  
PUMP ATEX



LNG DISPENSER PED



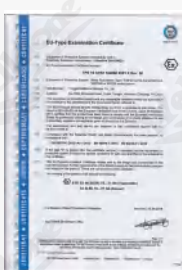
JUNCTION BOX ATEX



ABBLUE DISPENSER CE



POSITIVE DISPLACEMENT  
METER CE



MASS METER ATEX



MOBILE GAS STATION CE



PEI MEMBER CERTIFICATE



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PQR TEST REPORT



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