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ZENSEN 振圣®

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ZENSEN 振圣®

值得信赖的全球合作伙伴

一流产品，服务全球

World-class Products, Serve Worldwide

2018/2019



荣誉和使命 HONOR & MISSION



振圣目标 | ZENSEN OBJECTIVE

成为世界一流的机电产品供应商和开发商。
To be the world class developers and suppliers for mechanical and electrical products.

经营理念 | OPERATION PRINCIPLE

为客户创造价值，为员工创造机会，为社会创造财富。
To create value for customers, create opportunities for employees, and create wealth for the society.



振圣使命 | ENTERPRISE MISSION

一流产品 服务全球
World-class Products, Serve Worldwide

振圣市场 | BUSINESS MARKET

北美、欧洲、澳洲、日本等40多个国家。
In more than 40 countries; North America, Europe, Australia, Japan, etc.



关于振圣

浙江振圣机电科技有限公司是一家从事真空泵、回收机和水泵的研发制造和销售为一体的专业化公司，拥有年产20万台真空泵、2万台回收机和30万台水泵的生产能力。真空泵和回收机产品从2004年开始研究和生产，拥有欧美同行的紧密型技术战略合作和管理的要求及指导，使得公司产品有着过硬的品质（使用6-8年依然保持良好的性能）；公司拥有完整、科学的管理体系，拥有高效的管理团队，以诚信、创新和过硬的品质，赢得世界高端客户及同行的战略合作，是多家世界500强定点供应商。

公司主要产品：真空泵、冷媒回收机、制冷行业工具系列、深井潜水泵、自动自吸泵、太阳能泵、游泳池泵和智能变频电机等。

我们的市场：北美，欧洲，澳洲，俄罗斯，日本和印度等60多个国家

我们的目标：成为世界一流的机电产品供应商和开发商

我们的理念：为客户创造价值，为员工创造机会，为社会创造财富

我们的使命：一流产品，服务全球

ABOUT ZENSEN

Zhejiang Zhensheng Mechanical&Electrical Technology Co.,Ltd is specialized in the developing,manufacturing and selling of the Vacuum pump, Recovery Unit and Water pump.the annual production capacity of manufacturing 200,000pcs Vacuum pump , 20,000pcs ,Recovery Unit and 300,000pcs Water pump. We began to research and produce vacuum pump and recovery unit from 2004, which keep close technical strategic cooperation with Europe and America. Therefore, company' s products have excellent quality(can keep good performance after using 6-8 years).ZENSEN has complete and scientific management system,efficient management team and with integrity,innovation and high quality products,we' ve owned world-class customers and partners,and also the suppliers for the world top 500 enterprises.

ZENSEN products:Vacuum pump,Recovery Unit ,The series of tools for refrigeration, Deep Well water pump,Automatic self-priming pumps, Solar Deep Well water pump,Swimming pump and Intelligent stepless variable speed motor, and so on.

ZENSEN main market:North America,Europe,Australia,Russia,Japan and India.

ZENSEN Objective:to be the world class Developers and Suppliers for Mechanical&Electrical products.

ZENSEN Philosophy>To create value for customers,create opportunities for employees, and create wealth for the society.

ZENSEN mission:First-class products,serve worldwide.

关于生产 ABOUT production

● 先进生产设备

公司秉承“以高、精、尖的生产设备，制造高品质的产品”的生产理念，引进国际先进的五轴车铣复合中心、钻铣加工中心、精密高速车床等多条机械加工、表面处理生产线等，确保了零部件加工的精细化要求和装配出高品质的产品。



TOP PRODUCTION EQUIPMENT

The company insists on technological innovation, invests much in the introduction of automatic equipments for technological improvements. The equipments include special machine for metal machining, automatic Mazak CNC machine and a series high-performance machine.



● 先进的生产加工工艺

公司关注产品实现每一个细节的生产效率和保证能力不断进行技术创新和数据分析，通过高素质的员工和先进的制造设备的有机组合，使零件成型、机械加工、材料处理、装配与包装、质量检测与控制等多个工艺环节都能采用最佳的生产方式。

TECHNOLOGY

Based on specialized production to allocate human resource and equipments, utilize advanced information management system, and rely on the best production mode to realize best efficiency and lowest cost. Make sure every process is accurate to provide customers with products of high quality.



● 管理

公司注重员工教育培训和先进管理方法的学习。集技术、人才、管理等优质资源优势进行有效合理的整合，导入5S管理、ISO9001质量体系管理、数据化生产管理等现代化企业管理模式，以保证企业的诚信和信心。

CORPORATE MANAGEMENT

The company implemented ERP management system and 5S management.

● 服务

公司以“站在客户的立场上”为服务理念。加强产品的售前、售中、售后服务，及时帮助解决客户在了解和使用产品中的各种问题，持续为客户提供满足期望的产品，做客户永远的伙伴。

CUSTOMER SERVICE

Continuous improvement, focus on achieving customer's value and provide the best service.



关于特性

ABOUT production

1.产品价值:

更轻、更小、更可靠；

2.防卡机技术:

采用美国航天工业道康宁耐磨技术和关键零件的特殊处理，正常连续长时间使用不卡机；

3.防漏油技术:

采用进口的密封元件和防泄漏专利技术的应用，能够长时间连续使用不漏油；

4.满足不同的需求:

通过对市场的充分调查研究，特别选用不同的配置以满足不同的需求：SV配置真空泵采用高可靠性电磁阀，有效防止返油；R32配置真空泵采用特别设计的无火花结构，适用于R32和1234yf等冷媒；ZSBZ系列小巧方便，特别适合于制冷维修户外作业；

1.PRODUCTS VALUE:

Lighter, Smaller, More reliable;

2.ANTI-BLOCK TECHNOLOGY:

We adopted US technology(Down Coming) of Anti-abrasion and special dispose of material, the pump will not block under long-term operation; ;

3.OIL ANTI-LEAKAGE TECHNOLOGY:

Airproof parts which imported and Oil anti-leakage technology which is exclusive national patent. These can assure the pump's continuous running without any oil leakage;

4.MEET DIFFERENT NEEDS:

Through the full investigation to the market, especially select different configures to meet different needs: SV configured vacuum pump adopts high reliable solenoid valve to prevent oil flow back; R32 configured vacuum pump adopts specially designed non-sparkling structure, suitable for R32 and 1234yf refrigerant; ZSBZ series vacuum pump is very small and convenient, which's suitable for outdoor refrigeration maintenance.



全球销售网络

GLOBAL sales network



ZSA 系列真空泵

ZSA Hi-Rel Vacuum Pump

经典系列 畅销全球

使用6-8年仍能正常工作并保持真程度

特点:

- 1.高可靠性，高真程度
- 2.组合式泵体，工作面精磨加工，提高极限真程度
- 3.专利下放油设计，易用清洁
- 4.油泵主动润滑，可靠耐用

Features:

1. More Reliable, Higher Ultimate Vacuum
2. Integrated Pump Head, Surface Fine Grinding, Ultimate Vacuum Improved
3. New Oil Drain Design, China Patent, Easy clean
4. Oil Pump Lubricate Initiative, Reliable And Durabel



ZSA 系列真空泵

ZSA Hi-Rel Vacuum Pump



SV款
增加电磁阀结构，绝对防止返流
Equip The Solenoid Valve,
Anti-flow Back Function



R32款
适用于R32, 1234yf冷媒
Suitable For R32, 1234yf
Refrigerant

技术参数 Specification

型号 Model	ZSA-1S	ZSA-1.5S	ZSA-2S	ZSA-3S	ZSA-4S
系列Series	N、SV、R32				
频率Frequency	50Hz	60Hz	50Hz	60Hz	50Hz
流量Free Air Displacement	1.8CFM 50 l/m	2.1CFM 60 l/m	2.7CFM 76 l/m	3.2CFM 90 l/m	3.6CFM 100 l/m
功率Power	160W	180W	180W	210W	210W
转速RPM	1440	1720	1440	1720	1440
极限真程度Ultimate Vacuum	75microns	75microns	75microns	75microns	75microns
加油量Oil Capacity	14.1oz./400ml	13.8oz./390ml	19.8oz./650ml	19.8oz./560ml	30 oz./850ml
尺寸Dimensions(mm)	315×122×258	315×122×258	348×140×272	348×140×272	380×160×285
重量Weight	15lb/6.8kg	16.5lb/7.5kg	18.3lb/8.3kg	22lb/10kg	29.8lb/13.5kg

型号 Model	ZSA-1D	ZSA-1.5D	ZSA-2D	ZSA-3D	ZSA-4D
系列Series	N、SV、R32				
频率Frequency	50Hz	60Hz	50Hz	60Hz	50Hz
流量Free Air Displacement	1.8CFM 50 l/m	2.1CFM 60 l/m	2.7CFM 76 l/m	3.2CFM 90 l/m	3.6CFM 100 l/m
功率Power	190W	210W	210W	360w	560W
转速RPM	1440	1720	1440	1720	1440
极限真程度Ultimate Vacuum	15microns	15microns	15microns	15microns	15microns
加油量Oil Capacity	10oz./300ml	18oz./540ml	17.7oz./500ml	21.2oz./600ml	20.5oz./580ml
尺寸Dimensions(mm)	315×122×258	348×140×272	348×140×272	380×160×285	380×160×285
重量Weight	19.4lb/8.8kg	22.5lb/10.2kg	23.1lb/10.5kg	34.8lb/15.8kg	35.7lb/16.2kg

ZSC 系列真空泵

ZSC Portable Vacuum Pump

轻便系列 畅销全球

特点:

1. 轻便, 经济
2. 组合式泵体, 工作面精磨加工, 提高极限真空度
3. 专利下放油设计, 易用清洁
4. 油泵主动润滑, 可靠耐用

Features:

1. More Convenient And Economic
2. Integrated Pump Head, Surface Fine Grinding, Ultimate Vacuum Improved
3. New Oil Drain Design, China Patent, Easy clean
4. Oil Pump Lubricate Initiative, Reliable And Durabel



ZSC 系列真空泵

ZSC Portable Vacuum Pump



SV款
增加电磁阀结构, 绝对防止返流
Equip The Solenoid Valve,
Anti-flow Back Function



R32款
适用于R32, 1234yf冷媒
Suitable For R32, 1234yf
Refrigerant

技术参数 Specification

型号 Model	ZSC-1S	ZSC-2S	ZSC-3S	ZSC-4S	ZSC-5S	ZSC-6S
系列 Series	N、SV、R32					
频率 Frequency	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz
流量 Free Air Displacement	1.4CFM 40 l/m	1.7CFM 48 l/m	3.0CFM 83 l/m	3.5CFM 100 l/m	5.3CFM 151 l/m	6.4CFM 180 l/m
功率 Power	160W	180W	180W	200W	210W	230W
转速 RPM	2880	3440	2880	3440	2880	3440
极限真空 Ultimate Vacuum	150microns	150microns	75microns	75microns	75microns	75microns
加油量 Oil Capacity	6.4oz./180ml	5oz./140ml	13.8oz./390ml	18.4oz./520ml	31oz./880ml	30oz./850ml
尺寸 Dimensions(mm)	265×105×220	265×105×220	315×122×258	348×140×272	380×160×285	380×160×285
重量 Weight	8.8lb/4kg	9.7lb/4.4kg	16.5lb/7.5kg	22lb/10.0kg	29.1lb/13.2kg	29.8lb/13.5kg

型号 Model	ZSC-1D	ZSC-2D	ZSC-3D	ZSC-4D	ZSC-5D	ZSC-6D
系列 Series	N、SV、R32					
频率 Frequency	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz
流量 Free Air Displacement	1.4CFM 40 l/m	1.7CFM 48 l/m	3.6CFM 100 l/m	4.3CFM 120 l/m	5.3CFM 151 l/m	6.4CFM 180 l/m
功率 Power	190W	200W	210W	230W	360W	390W
转速 RPM	2880	3440	2880	3440	2880	3440
极限真空 Ultimate Vacuum	15microns	15microns	15microns	15microns	15microns	15microns
加油量 Oil Capacity	4.6oz./130ml	10oz./300ml	18oz./540ml	24oz./680ml	22.6oz./640ml	21.9oz./620ml
尺寸 Dimensions(mm)	265×105×220	315×122×258	348×140×272	380×160×285	380×160×285	380×160×285
重量 Weight	9.9lb/4.5kg	19.4lb/8.8kg	24.3lb/11.0kg	32lb/14.5kg	32.7lb/14.8kg	33.6lb/15.2kg

ZSB 18V电池泵

ZSB 18V Battery Vacuum Pump

特点:

- 1、高真空度；
- 2、超长使用时间（5Ah电池可以使用60分钟以上），
- 3、使用方便，适用于户外等场合；
- 4、组合式泵体，工作面精磨加工，提高极限真空度
- 5、油泵主动润滑，可靠耐用

Features:

1. High Vacuum
2. Long Using Time (5Ah Battery Can Be Used For More Than 60 Minutes)
3. Convenient To Use, Suitable For Outdoor And Other Occasions
4. Integrated Pump Head, Surface Fine Grinding, Ultimate Vacuum Improved
5. Oil Pump Lubricate Initiative, Reliable And Durabel



ZSB 18V电池泵

ZSB 18V Battery Vacuum Pump



可选配多款18V锂电池 (AEG、BOSCH、MAKITA等)；
Options Of Multiple 18V Lithium Batteries(AEG、BOSCH、MAKITA etc.)

技术参数 Specification

型号 Model	ZSBZ-1S-18V	ZSBZ-2S-18V
流量 Free Air Displacement	1.0 CFM	2.0 CFM
	28.8 l/m	55.2 l/m
电压 Voltage	DC 18V	DC 18V
功率 Power	80W	90W
极限真空 Ultimate Vacuum	150micron	150micron
加油量 Oil Capacity	3.2oz./90ml	3.9oz./110ml
尺寸(不含电池) Dimensions without battery	220×95×155	252×95×155
净重N.W.	6.4lb/2.9kg	7.5lb/3.4kg

型号 Model	ZSBZ-1D-18V
流量 Free Air Displacement	1.0 CFM
	27.6 l/m
电压 Voltage	DC 18V
功率 Power	90W
极限真空 Ultimate Vacuum	15micron
加油量 Oil Capacity	3.5oz./100ml
尺寸(不含电池) Dimensions without battery	252×95×155
净重N.W.	7.9lb/3.6kg

ZSD 迷你系列真空泵

ZSD Mini Vacuum Pump
迷你系列 畅销全球

业界最轻最小真空泵

特点:

- 1.更轻, 更小, 更方便
- 2.组合式泵体, 工作面精磨加工, 提高极限真空度
- 3.专利下放油设计, 易用清洁
- 4.油泵主动润滑, 可靠耐用

Features:

1. Lighter, Smaller, More Convenient
2. Integrated Pump Head, Surface Fine Grinding, Ultimate Vacuum Improved
3. New Oil Drain Design, China Patent, Easy clean
4. Oil Pump Lubricate Initiative, Reliable And Durabel


ZSD 迷你系列真空泵

ZSD Mini Vacuum Pump

 SV款
 适用于R32, 1234yf冷媒
 增加电磁阀, 绝对防返油
 Suitable For R32, 1234yf Refrigerant
 Equip The Solenoid Valve, Anti-flow Back Function

技术参数 Specification

型号 Model	ZSD-1S		ZSD-2S	
系列Series	N、SV			
频率Frequency	50Hz	60Hz	50Hz	60Hz
流量		1.5CFM		3.1CFM
Free Air Displacement		42 l/m		87 l/m
功率Power		160W		180W
转速RPM		3000		3000
极限真空Ultimate Vacuum		150microns		150microns
加油量Oil Capacity		6.4oz./180ml		5oz./140ml
尺寸Dimensions (mm)		255×105×160		255×105×160
重量Weight		6.8lb/3.1kg		7.9lb/3.6kg

型号 Model	ZSD-1D	
系列Series	N、SV	
频率Frequency	50Hz	60Hz
流量		1.5CFM
Free Air Displacement		42 l/m
功率Power		190W
转速RPM		3000
极限真空Ultimate Vacuum		15microns
加油量Oil Capacity		4.6oz./130ml
尺寸Dimensions (mm)		255×105×160
重量Weight		8.4lb/3.8kg

ZSD 大流量系列真空泵**ZSD Inverter Vacuum Pump**

**智能控制
技术领先**



11

ZSD 大流量系列真空泵**ZSD Inverter Vacuum Pump**

CE

特点:

- 1.更轻, 更小, 更方便
- 2.适用于R32,1234yf冷媒
- 3.组合式泵体, 工作面精磨加工, 提高极限真空度
- 4.专利下放油设计, 易用清洁
- 5.油泵主动润滑, 可靠耐用
- 6.增加电磁阀结构, 绝对防止返流
- 7.高精度真空表精确易读

Features:

- 1.Lighter,Smaller,More Convenient
- 2.Suitable For R32,1234yf Refrigerant
3. Integrated Pump Head, Surface Fine Grinding, Ultimate Vacuum Improved
- 4.New Oil Drain Design, China Patent,Easy clean
- 5.Oil Pump Lubricate Initiative,Reliable And Durabel
- 6.Equiup The Solenoid Valve, Anti-flow Back Function
- 7.High Precision Vacuum Gauge,Accurate,Readable

技术参数 Specification

型号 Model	ZSD-6D	
系列Series	R32	
频率Frequency	50Hz	60Hz
流量 Free Air Displacement	12.8CFM 360 l/m	
功率Power	560W	
转速RPM	2600	
极限真空Ultimate Vacuum	15microns	
加油量Oil Capacity	20.5oz./580ml	
尺寸Dimensions (mm)	380 × 160 × 285	
重量Weight	25.4lb/11.5kg	

12

ZRD 系列工业泵

ZRD Industrial Vacuum Pump

特点:

- 1.超强可靠性，超高真空度
- 2.高可靠性自动防返油阀设计，使真空系统免受油的污染
- 3.内置齿轮泵强制恒压供油系统，高吸气压强下稳定可靠运行
- 4.两档气镇的设计，满足不同工艺蒸汽排出量的要求
- 5.组合式整体缸体结构，工作面精磨加工，提高极限真空度
- 6.定位销设计，重复性好，便于保养和维修

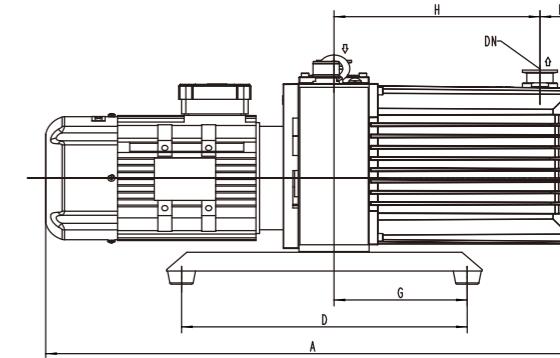
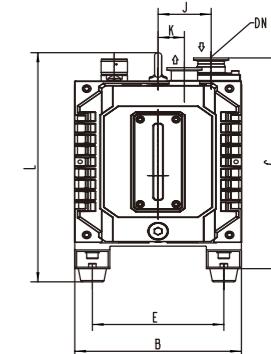
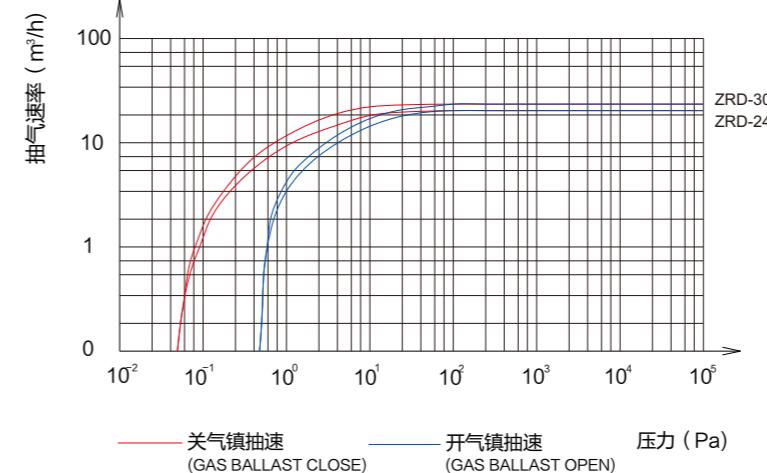
Features:

1. Super Reliability, Super High Vacuum
2. High Reliability With Auto Anti-return Valve Design, Protect Vacuum System From Oil Contamination
3. With Gear Pump Forced Constant Pressure Oil Supply System ,Work Steadily Under High Air Intake Pressure
4. Two gas Ballasts Design, Meet Different Steam Discharge Request For Different Craft
5. Integrated Cylinder Structure, Work Surface Polished, Ultimate Vacuum Improved
6. Dowel Pin Design, Good Repeatability, Easy to repair and maintenance



ZRD 系列工业泵

ZRD Industrial Vacuum Pump



ZRD系列旋片真空泵外形尺寸 Dimensions(mm)											
型号 Model	A	B	C	D	E	G	H	I	J	K	L
ZRD-24	610	190	281	326	150	152	235	45	61	30	306
ZRD-30	610	190	281	326	150	152	235	45	61	30	306

技术参数 Specification

型号 Model	ZRD-24	ZRD-30
抽速m³/h(L/s) Free Air Displacement	50Hz 60Hz	24(6.6) 28.8(7.9)
极限分压强——关闭气镇Partial Pressure— close gas ballast	4x10-2 Pa	4x10-2 Pa
极限总压强——关闭气镇Total Pressure— close gas ballast	4x10-1Pa	4x10-1Pa
极限总压强——开启气镇(Pa)Total Pressure—open gas ballast	8x10-1Pa	8x10-1Pa
电源 Power Supply	单/三相single/tri-phase	单/三相single/tri-phase
电机功率 Motor Power	1.1/0.75 Kw	1.1 Kw
进排气口连接口 DN (mm)Intake/Exhaust Port Connector	KF25/40	KF25/40
用油量 Oil Capacity	1.3~2.0L	1.2~1.9L
电机转速(rpm)Motor Rotating Speed	50Hz 60Hz	1440 1720
工作环境温度Environment Temperature	5~40°C	5~40°C
噪音 Noise	≤58dB	≤58dB
重量 Weight	39kg	42kg

产品附件 Accessories

进气嘴 INTAKE PORT ADAPTERS



电源插头 POWER SUPPLY PLUGS



产品附件 Accessories

油雾过滤器 EXHAUST FILTER



型号 Model	说明 Description
C1	塑料 PLASTIC
C3	塑料 PLASTIC
C4	塑料 PLASTIC
C7	塑料 PLASTIC

真空泵油 VACUUM PUMP OIL



不同的真空泵油对真空泵的冷超声波动和极限真空有明显的影响。
 Vacuum pumps can be operated with the oil listed below; using different oils affect all specified ultimate vacuum and cold starting.

型号 Model	M100	M200	ZS68
运动粘度 KINEMATIC VISCOSITY(40°C), MM2/S	41.4-50.6	61.2-74.8	61.2-74.8
粘度指数 VISCOSITY INDEX	100	100	130
闪电 FLASH POINT °C	225	240	250
倾点 POUR POINT °C	-10	-10	-35
类型 TYPE	矿物油 MINERAL OIL	矿物油 MINERAL OIL	合成油 SYNTHETIC DI-ESTER OIL

ZSR 超轻回收机

ZSR Rabbit Recovery unit

更小 更轻 更快

特点:

- 1.无油压缩机技术, 可回收各种冷媒
- 2.带自清功能, 防止不同冷媒的混合
- 3.带高压保护装置, 更安全
- 4.配带油气分离净化器, 可过滤净化冷媒
- 5.采用无刷直流电机技术, 大扭矩, 高效, 节能

Features:

1. non-oil compress technology, can recovery various refrigerant.
2. with self-cleaning function, prevent the mixing of different refrigerants
3. with high voltage protection, much safer
4. Equip oil and gas separation purifier, can filter and purify refrigerant
5. Adopt brushless direct current motor technology, big twist, high efficiency and energy-saving



ZSR 超轻回收机

ZSR Rabbit Recovery unit



技术参数 Specification

型号 Model	ZSR-1A			ZSR-2A		
制冷剂 Refrigerants	III : R-12,R-134a,R-401c,R-406a,R-500			IV : R-22,R-401a,R-401b,R-402b,R-407c,R407d,R-408a,R-409a,R-411a,R-411b,R-412a,R-502,R-509		
	V : R-402a,R-404a,R-407a,R407b,R-410a,R507					
电压 Power Supply	220~240vac 50/60Hz			100~120vac 50/60Hz		
功率 Motor Power	3/4HP					
转速 Motor Speed	1800~2300rpm adjustable motor speed					
最大电流 Max. Current Draw	5A			8A		
压缩机 Compressor Type	无油, 空气冷却 Oil-less,Air cooled					
高压切断电源 High Pressure Shut-Off	38.5 bar/3850 kpa					
回收效率 Recovery Rate		III	IV	V	III	IV
	水汽 Vapor	0.25kg/min	0.30kg/min	0.30kg/min	0.50kg/min	0.60kg/min
	液体 Liquid	2.00kg/min	2.20kg/min	2.40kg/min	3.70kg/min	4.10kg/min
推/拉 Push/Pull	推/拉 Push/Pull	5.90kg/min	7.10kg/min	7.90kg/min	9.60kg/min	10.80kg/min
	运行温度 Operating Temp 0°C~40°C					
	尺寸 Dimensions 350mm (L) x220mm (W) x300mm (H)					
净重 N.W.	8.5kg			9kg		