



COOLINK



COOLINK



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浙江阳一真空设备有限公司
ZHEJIANG YANGYI VACUUM EQUIPMENT CO., LTD



COOLINK

R EFRIGERATION TOOL EXPERT

制冷工具专家



M ADE BY CRAFTSMANSHIP EXCELLENCE IN QUALITY

精心制造 · 质求卓越

温岭市阳一机电有限公司是一家集真空泵、回收机、制冷工具类研发、制造、销售为一体的专业化生产企业，拥有一支二十年从事真空泵、回收机研发和生产的专业团队，坚持“质量求生存，技术创新求发展”的企业宗旨和“精心制造，质求卓越”的质量方针。产品广泛应用于制冷维修、印刷机械、医疗机械、真空包装、气体分析、热塑成型等行业。

公司目前已通过CE、CQC等产品认证以及ISO9001质量体系认证，远销全球，成为行业杰出企业。

Started in 2007, Wenling Yangyi Mechanical and Electrical Products Co.,Ltd. is one of the top professional companies integrating R&D, manufacturing and sales of vacuum pumps, recovery machines and refrigeration tools in China.

The company has an experienced team engaged in R&D and production of vacuum pumps and recovery machines for 20 years to support the enterprise tenet of "Quality for Survival, Innovation for Development" and the quality policy of "Made by Craftsmanship, Excellence in Quality".

Our products are widely used in industries such as HVAC/R, printing machinery, medical machinery, vacuum packaging, gas analysis and thermoplastic molding. Thanks to CE, CQC and ETL certificates as well as ISO9001 certification, our products are able to be exported to more than 50 countries and regions around the world. During the years of operation, the company has gradually grown into an outstanding enterprise in the global HVAC tools industry.

CERTIFICATES & PATENTS

荣誉资质和专利技术

多个国家的认证证书，多项产品专利

All necessary certificates for products and quality management, dozens of product patents



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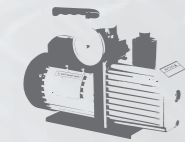
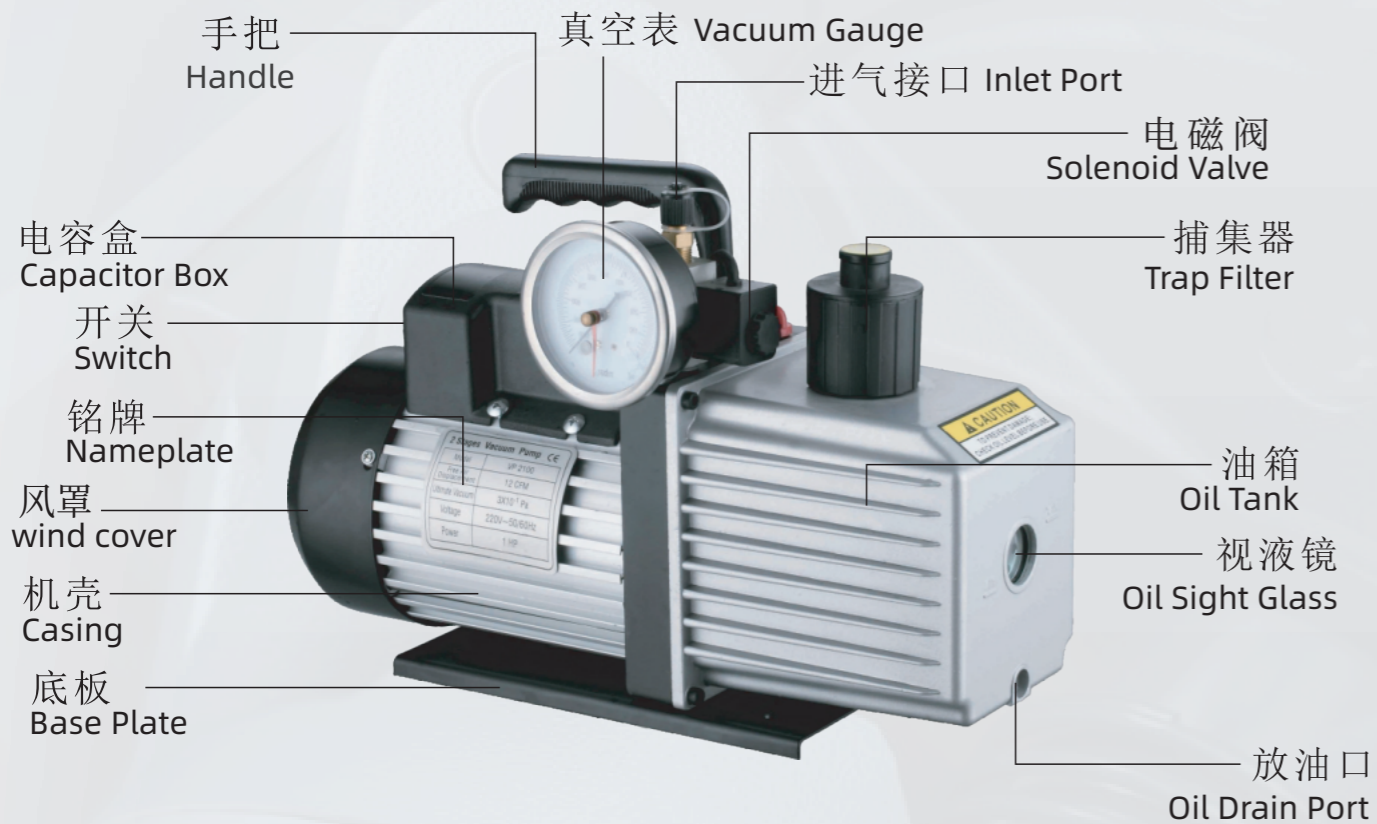
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HIGH PERFORMANCE VACUUM PUMP (R32 is Optional)

高性能真空泵



- | | |
|----------------------|---|
| 1、高强度铝合金泵体，经久耐用。 | 1.Durable and robust aluminum alloy casing |
| 2、整体式高精度缸体结构，提高极限真空。 | 2.Integrated precise cylinder construction results in higher ultimate vacuum |
| 3、大油窗设计，防止缺油。 | 3.Easy monitoring oversized sight glass |
| 4、防返流设计，有效防止泵油进入系统。 | 4.Anti-suckback design to prevent pumpoil from flowing back into the vacuum chamber |



◆ 单极真空泵 | Single Stage Vacuum Pump | 技术参数 | Technical Parameter

型号 Type	抽气速率 Flow Rate 50Hz	抽气速率 Flow Rate 60Hz	极限真空 Ultimate Vacuum	电机功率 Power (HP)	进气接头 Inlet Port	油量 Oil Capacity (ml)	外形尺寸 Dimensions (mm)	重量 Weight (Kg)
VP115 (VP-1)	1.5 CFM 42 L/min	1.8 CFM 50 L/min	2 Pa 150 Micron	1/4	1/4" Flare	320	270x119x216	5.3
VP125 (VP1.5)	2.5 CFM 70 L/min	3 CFM 84 L/min	2 Pa 150 Micron	1/4	1/4" Flare	300	270x119x216	5.5
VP135 (VP-2)	3.5 CFM 100 L/min	4CFM 114 L/min	2Pa 150 Micron	1/3	1/4" Flare	350	278x119x216	6.5
VP145 (VP-2.5)	4.5 CFM 128 L/min	5CFM 142 L/min	2 Pa 150 Micron	1/3	1/4" Flare	350	278x119x216	6.8
VP160 (VP-3)	6 CFM 170 L/min	7CFM 198 L/min	2 Pa 150 Micron	1/2	1/4" & 3/8" Flare	450	320x134x232	10
VP180 (VP-4)	8CFM 226 L/min	9 CFM 254 L/min	2 Pa 150 Micron	3/4	1/4" & 3/8" Flare	700	370x140x250	14
VP1100 (VP-5)	10 CFM 283 L/min	12 CFM 340 L/min	2 Pa 150 Micron	1	1/4" & 3/8" Flare	800	390x140x250	14.5
SVP115 (SVP-1)	1.5 CFM 42 L/min	1.8 CFM 50 L/min	2 Pa 150 Micron	1/4	1/4" Flare	230	245x101x180	3.7

◆ 双极真空泵 | Dual Stage Vacuum Pump | 技术参数 | Technical Parameter

型号 Type	抽气速率 Flow Rate 50Hz	抽气速率 Flow Rate 60Hz	极限真空 Ultimate Vacuum	电机功率 Power (HP)	进气接头 Inlet Port	油量 Oil Capacity (ml)	外形尺寸 Dimensions (mm)	重量 Weight (Kg)
VP215 (2VP-0.5)	1.5 CFM 42 L/min	1.8 CFM 50 L/min	2x10 ⁻¹ Pa 15 Micron	1/4	1/4" Flare	180	270x119x216	6
VP225 (2VP-1)	2.5 CFM 70 L/min	3 CFM 84 L/min	2x10 ⁻¹ Pa 15 Micron	1/3	1/4" Flare	280	270x119x216	7
VP235 (2VP-1.5)	3.5 CFM 100 L/min	4CFM 114 L/min	2x10 ⁻¹ Pa 15 Micron	1/3	1/4" & 3/8" Flare	360	320x134x232	11
VP245 (2VP-2)	4.5 CFM 128 L/min	5CFM 142 L/min	2x10 ⁻¹ Pa 15 Micron	1/2	1/4" & 3/8" Flare	350	320x134x232	11.8
VP260 (2VP-3)	6 CFM 170 L/min	7CFM 198 L/min	2x10 ⁻¹ Pa 15 Micron	3/4	1/4" & 3/8" Flare	700	370x140x250	15
VP280 (2VP-4)	8CFM 226 L/min	9 CFM 254 L/min	2x10 ⁻¹ Pa 15 Micron	1	1/4" & 3/8" Flare	600	370x140x250	15.5
VP2100 (2VP-5)	10 CFM 283 L/min	12 CFM 340 L/min	2x10 ⁻¹ Pa 15 Micron	1	1/4" & 3/8" Flare	700	390x140x250	16

VB SERIES (R32 Optional)

VB SERIES VACUUM PUMP

VB 系列真空泵



Single Stage Rotary Vane Vacuum Pump | Technical Parameter

Model	SVB115	VB120	VB130	VB140	VB160	VB180	VB1200
Flow Rate (CFM)	1.5/1.8	2/2.4	3/3.6	4/4.8	6/7.2	8/9.6	12/14.4
50/60Hz (L/min)	42/50	56/68	85/100	113/135	170/203	226/270	340/407
Rated Voltage	220V~50Hz/110V~60Hz						
Ultimate Vacuum	2 Pa	2 Pa	2 Pa	2 Pa	2 Pa	2 Pa	2 Pa
Pratial Total Pressure	150 micron	150 micron	150 micron	150 micron	150 micron	150 micron	150 micron
Motor Power (HP)	1/5	1/4	1/4	1/3	1/2	3/4	1
Inlet Fittings	1/4" Flare	1/4" Flare	1/4" Flare	1/4" Flare	1/4" & 3/8" Flare	1/4" & 3/8" Flare	1/4" & 3/8" Flare
Dimensions (mm)	252 × 104 × 207	281 × 123 × 230	281 × 123 × 230	305 × 123 × 230	332 × 129 × 242	383 × 138 × 255	383 × 138 × 255
Oil Capacity (ml)	210	330	330	330	500	830	660
Weight (Kg)	4.5	5.3	5.8	7.5	9.3	14	14

Double Stage Rotary Vane Vacuum Pump | Technical Parameter

Model	VB220	VB230	VB240	VB260	VB280	VB2200
Flow Rate (CFM)	2/2.4	3/3.6	4/4.8	6/7.2	8/9.6	12/14.4
50/60Hz (L/min)	56/68	85/100	113/135	170/203	226/270	340/407
Rated Voltage	220V~50Hz/110V~60Hz					
Ultimate Vacuum	2 x 10 ⁻¹ Pa	2 x 10 ⁻¹ Pa	2 x 10 ⁻¹ Pa	2 x 10 ⁻¹ Pa	2 x 10 ⁻¹ Pa	2 x 10 ⁻¹ Pa
Pratial Total Pressure	15 micron	15 micron	15 micron	15 micron	15 micron	15 micron
Motor Power (HP)	1/3	1/2	1/2	3/4	1	1 1/2
Inlet Fittings	1/4" Flare	1/4" & 3/8" Flare	1/4" & 3/8" Flare	1/4" & 3/8" Flare	1/4" & 3/8" Flare	1/4" & 3/8" Flare
Dimensions (mm)	305 × 123 × 230	332 × 129 × 242	332 × 129 × 242	332 × 129 × 242	383 × 138 × 255	383 × 138 × 255
Oil Capacity (ml)	330	500	500	500	660	660
Weight (Kg)	8	8.3	10	10.7	15.7	15.7

- 1、一体式机身结构，高精度，高极限真空度，抽气速度更快
- 2、高质量的排气盖/加油盖能有效减少油雾
- 3、软橡胶内衬手柄，携带与使用均舒适
- 4、方形泵壳，外观独特且优雅

1. Integrated body structure, High precision, High ultimate vacuum, faster pumping speed
2. High quality exhaust / oil refill cap reduces oil mist effectively
3. Soft rubber lined handle, comfortable to carry and use
4. Unique and elegant appearance with square-shaped pump casing

DC BRUSHLESS R32 LITHIUM BATTERY DRIVEN CORDLESS VACUUM PUMP

Brushless DC Vacuum Pump | Technical Parameter



Model	VI-1A	VI-1.5A	VI-2A	VI-3A	VI-4A	VI-5A	VI-6A
Flow Rate (CFM)	2	3	4	6	8	10	12
Ultimate Vacuum	2 Pa	2 Pa	2 Pa	2 Pa	2 Pa	2 Pa	2 Pa
Pratial Total Pressure	150 micron	150 micron	150 micron	150 micron	150 micron	150 micron	150 micron
Motor Power (HP)	1/5	1/4	1/3	1/2	3/4	1	1
Inlet Fittings	1/4" Flare	1/4" & 3/8" Flare	1/4" & 3/8" Flare	1/4" & 3/8" Flare	1/4" & 3/8" Flare	1/4" & 3/8" Flare	1/4" & 3/8" Flare
Dimensions (mm)	253 × 92 × 196	302 × 118 × 283	302 × 118 × 283	302 × 118 × 283	349 × 138 × 304	349 × 138 × 304	349 × 138 × 304
Oil Capacity (ml)	250	330	330	660	620	620	830

Model	2VI-1A	2VI-1.5A	2VI-2A	2VI-3A	2VI-4A	2VI-5A	2VI-6A
Flow Rate (CFM)	2	3	4	6	8	10	12
Ultimate Vacuum	2 x 10 ⁻¹ Pa	2 x 10 ⁻¹ Pa	2 x 10 ⁻¹ Pa	2 x 10 ⁻¹ Pa	2 x 10 ⁻¹ Pa	2 x 10 ⁻¹ Pa	2 x 10 ⁻¹ Pa
Pratial Total Pressure	15 micron	15 micron	15 micron	15 micron	15 micron	15 micron	15 micron
Motor Power (HP)	1/4	1/2	1/2	3/4	3/4	1	1 1/2
Inlet Fittings	1/4" Flare	1/4" & 3/8" Flare	1/4" & 3/8" Flare	1/4" & 3/8" Flare	1/4" & 3/8" Flare	1/4" & 3/8" Flare	1/4" & 3/8" Flare
Dimensions (mm)	253 × 92 × 196	302 × 118 × 283	302 × 118 × 283	302 × 118 × 283	349 × 138 × 304	349 × 138 × 304	349 × 138 × 304
Oil Capacity (ml)	200	330	500	500	620	620	660



Model	VI-1DLi	2VI-1DLi	VI-1.5DLi	2VI-1.5DLi	VI-2DLi	2VI-2DLi	VI-3 DLi	2VI-3 DLi
Flow Rate (CFM)	2	2	3	3	4	4	6	6
Ultimate Vacuum	2 Pa	2 x 10 ⁻¹ Pa	2 Pa	2 x 10 ⁻¹ Pa	2 Pa	2 x 10 ⁻¹ Pa	2 Pa	2 x 10 ⁻¹ Pa
Pratial Total Pressure	150 micron	15 micron	150 micron	15 micron	150 micron	15 micron	150 micron	15 micron
Motor Power (HP)	1/5	1/4	1/4	1/2	1/3	1/2	1/2	3/4
Inlet Fittings	1/4" Flare	1/4" Flare	1/4" & 3/8" Flare	1/4" & 3/8" Flare	1/4" & 3/8" Flare	1/4" & 3/8" Flare	1/4" & 3/8" Flare	1/4" & 3/8" Flare
Dimensions (mm)	274 × 92 × 196	274 × 92 × 196	364 × 118 × 283	364 × 118 × 283	364 × 118 × 283	364 × 118 × 283	364 × 118 × 283	364 × 118 × 283
Oil Capacity (ml)	250	200	330	330	330	500	500	500

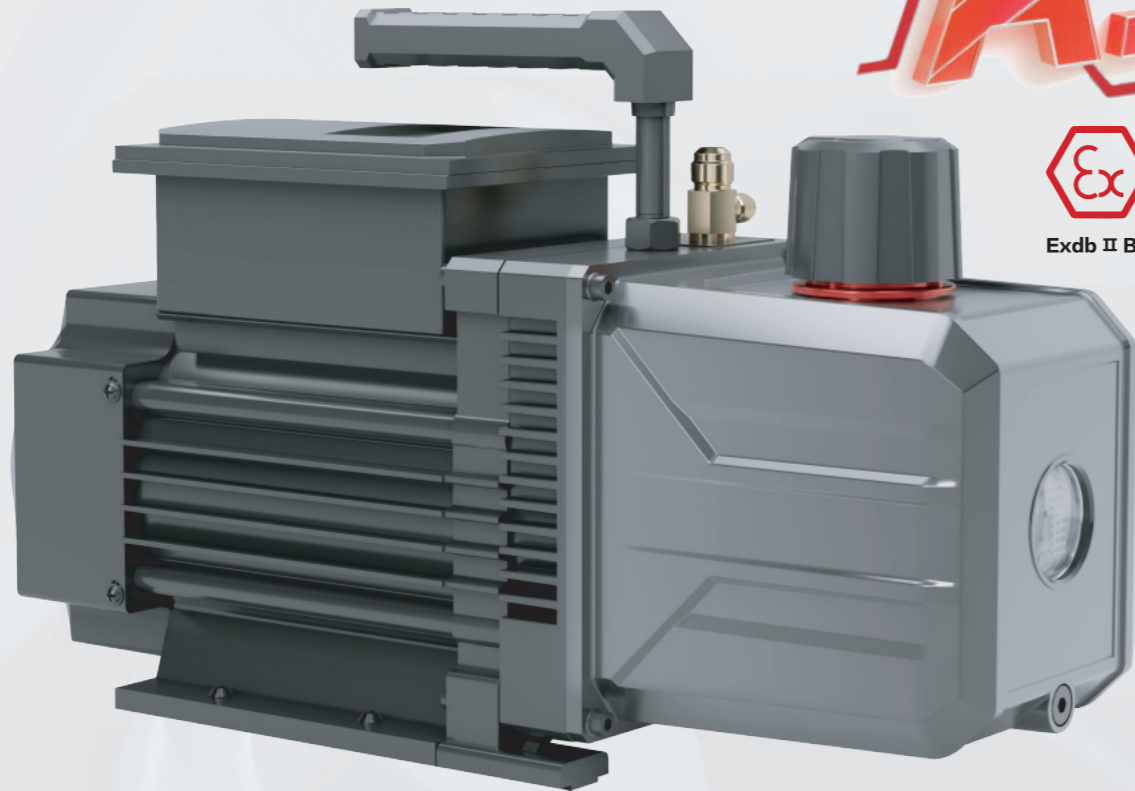
- 1、一体式机身结构，高精度，高极限真空度，抽气速度更快
- 2、无火花设计，配备无刷直流电机，体积更小，使用更方便
- 3、使用更安全的锂离子电池进行操作
- 4、使用交流适配器可实现无限续航

1. Integrated body structure, High precision, High ultimate vacuum, faster pumping speed
2. Sparkless design with brushless DC motor, smaller and more convenient to use
3. Operated with safer Li-ion battery
4. Infinite endurance with AC adapter

A3 超强性能
A3



Exdb II B T4Gb 防爆标志



VB260E/280E 隔爆型真空泵

安全设计

防爆结构：隔爆外壳、无火花电路设计

Explosion-proof structure: flameproof shell, non-sparking circuit design

VB SERIES EXPLOSION-PROOF VACUUM PUMP

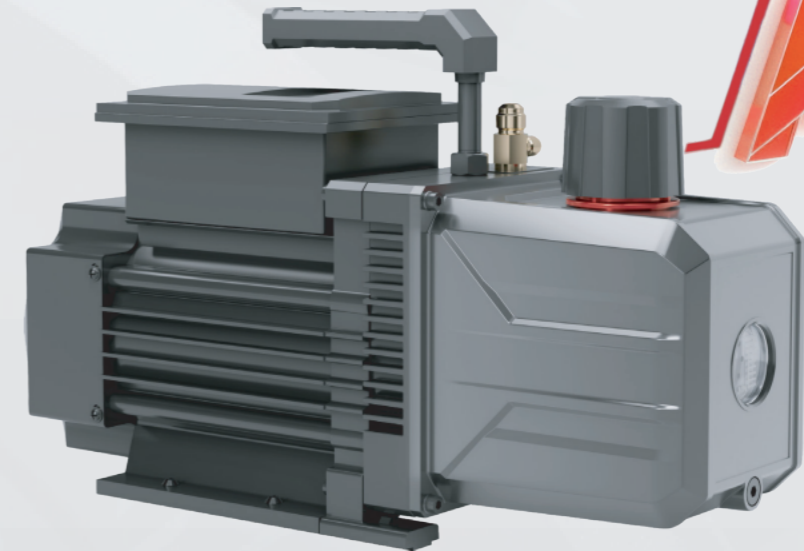
VB260E/280E 隔爆型真空泵

A3 超强性能

A3



Exdb II B T4Gb 防爆标志



安全可靠

- 安全可靠

适用于 A3、A2 等冷媒

- IP55 防护等级

强电部分满足 IP55 防护等级

- Explosion-proof switch

- Antistatic housing

- Spark-free motor

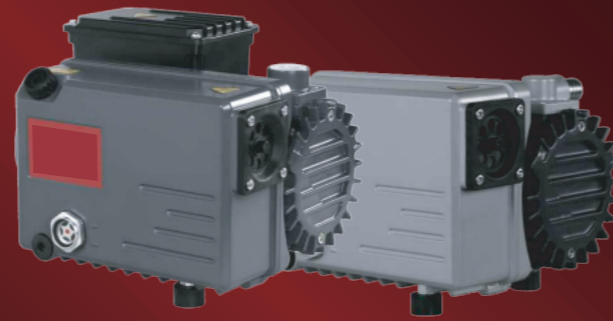
◆ 隔爆型真空泵 | Explosion-Proof Vacuum Pump | 技术参数 / Technical Parameter

参数项	规格
Model	VB260E/280E
Flow Rate	6CFM/8CFM
Ultimate Vacuum	2×10^{-1} Pa
N.W.(KG)	18.5KG/19KG
Motor Power	550 W
suitable gas	suitable for A3、A2
Anti explosion Grade	Ex db II B T4 Gb

ASV-20 ASV-20P

SINGLE STAGE ROTARY VANE VACUUM PUMP

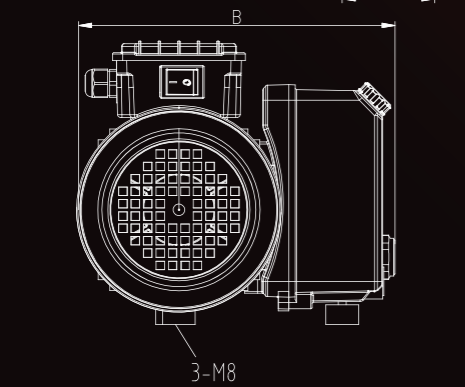
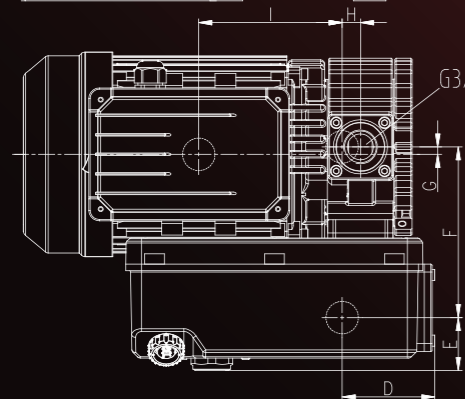
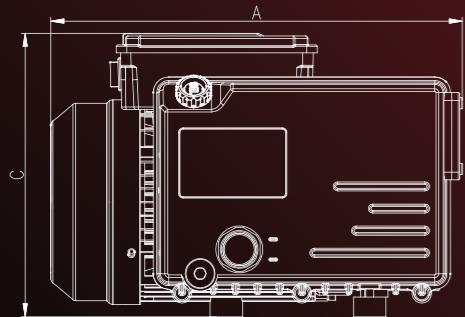
单级旋片式真空泵



ASV-20

ASV-20P

安装尺寸 Dimension drawing



技术参数 Technical parameter

型号 Model	50/60HZ	ASV-20	ASV-20P
额定流量 Rated airflow	50HZ	20m ³ /h	
	60HZ	24m ³ /h	
极限真空 Ultimate pressure	mbar(abs)	2	
口径 Diameter		G3/4" / G1/2"	
电压 Voltage	50HZ	220-240v	
	60HZ	220-240v	
	50/60HZ	100v	
	60HZ	110-120v	
电机功率 Nominal motor rating	50HZ△/Y	220-240/380-415v	
	60HZ△/Y	220-280/380-440v	
电机功率 Nominal motor rating	KW	0.75/0.9	
转速 Nominal speed	r/min	3000/3600	
噪音 Sound	(ENISO2151)	68/70	
油量 Oil	L	0.45	
重量 Kilogram	Kg	18.5	

型号 Model	A	B	C	D	E	F	G	H	I
ASV-20	316	243	218	71	40.5	131	5.3	14	110
ASV-20P	316	243	184	71	40.5	131	5.3	14	110

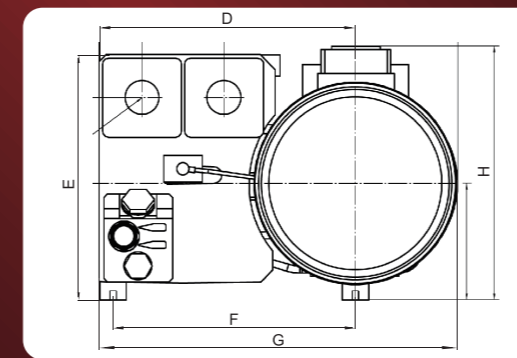
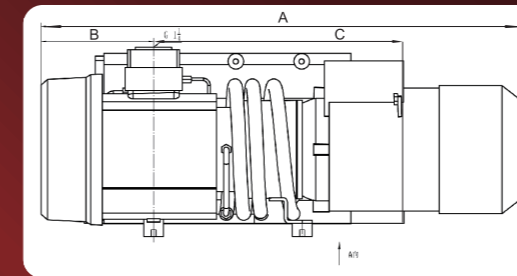
ASV-40 ASV-63 ASV-100

SINGLE STAGE ROTARY VANE VACUUM PUMP

单级旋片式真空泵



安装尺寸 Dimension drawing



技术参数 Technical parameter

型号 Model	50/60HZ	ASV-40	ASV-63	ASV-100
额定流量 Rated airflow	50HZ	40m ³ /h	63m ³ /h	100m ³ /h
	60HZ	48m ³ /h	76m ³ /h	120m ³ /h
极限真空 Ultimate pressure	mbar(abs)	0.5		
口径 Diameter		G1-1/4"		
电压 Voltage	50HZ△/Y	200-240/345-415v		
	60HZ△/Y	220-275/380-480v		
电机功率 Nominal motor rating	KW	1.5	2.2	3.0
电流 Current	50HZ	5.0/2.9A	8.5/4.9A	11.8/6.8A
	60HZ	5.4/3.1A	9.2/5.3A	13.0/7.5A
转速 Nominal speed	r/min	1440/1720	1440/1720	1405/1720
噪音 Sound	(ENISO2151)	63	64	65
油量 Oil	L	1.5	2	2
重量 Kilogram	Kg	43	56	70

型号 Model	A	B	C	D	E	F	G	H
ASV-40	650	150	327	200	270	181	300	270
ASV-63	670	150	324	295	285	286	420	300
ASV-100	760	170	353	298	285	290	420	300

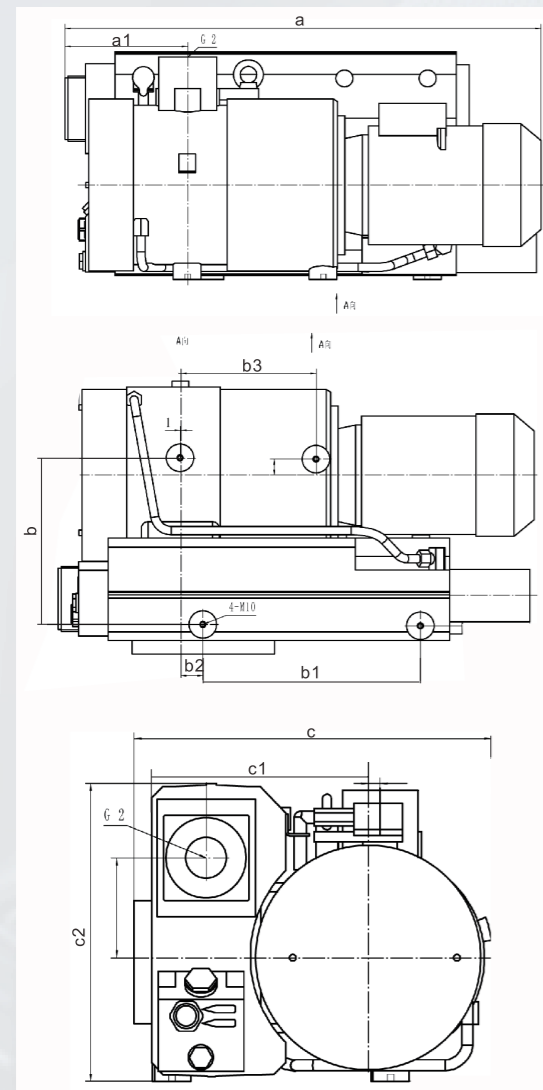
ASV-200 ASV-300

SINGLE STAGE ROTARY VANE VACUUM PUMP

单级旋片式真空泵



安装尺寸 Dimension drawing

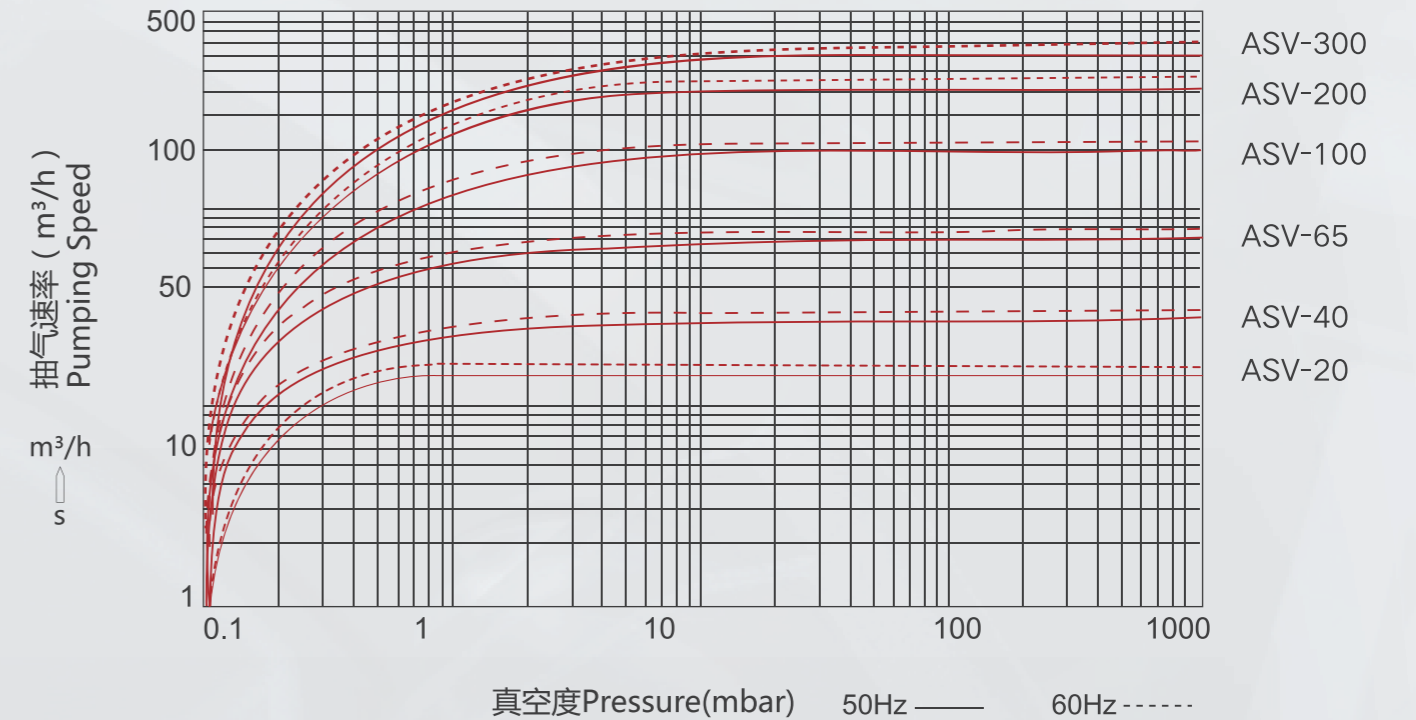


技术参数 Technical parameter

型号 Model	50/60HZ	ASV-200	ASV-300
额定流量 Rated airflow	50HZ	200m ³ /h	300m ³ /h
	60HZ	240m ³ /h	360m ³ /h
极限真空 Ultimate pressure	mbar(abs)	0.1	
口径 Diameter		G2"	
电压 Voltage	50HZ△/Y	200-240/345-415v	
	60HZ△/Y	220-275/380-480v	
电机功率 Nominal motor rating	KW	5.5	7.5
电流 Current	50HZ	9.0/5.2A	16.7/9.6A
	60HZ	9.4/5.2A	17.3/11.0A
转速 Nominal speed	r/min	1455/1720	
噪音 Sound	(ENISO2151)	69	72
油量 Oil	L	6.0	8.0
重量 Kilogram	Kg	149	193

型号 Model	a	a1	b	b1	b2	b3	c	c1	c2
ASV-200	880	225	320	385	35	245	495	345	435
ASV-300	1040	260	350	392	40	285	560	385	440

曲线图 Performance curves



量身定做的真空系统 Custom-made vacuum system

根据您的实际应用工况, 都有其不一样的专属的方案构想, 计划, 设计, 材料采购和制造环节。对您而言, 这不仅加快了整个过程的速度, 而且还使一切变得更加容易。

According to your actual application conditions, have its own unique concept, planning, design, materials procurement and manufacturing links. For you, this not only speeds up the whole process, but also makes everything easier.



R32 REFRIGERANT RECOVERY MACHINE

R32冷媒回收机



◀ 冷媒回收机 | Refrigerant recovery machine

技术参数/Technical Parameter

型号 Model	RR12L (R32)	RR24L (R32)
适用冷媒 Compatible Refrigerant	III: R12, R134a, R401C, R406A, R500, 1234YF IV: R407D, R408A, R409A, R411A, R411B, R412A, R502, R509, R22, R401A, R401B, R402B, R407C, V: R402A, R404A, R407A, R407B, R410A, R507, R32	
电源 Power Supply	220-240VAC/50-60Hz 110-120VAC/60Hz	
电机 Motor Power (HP)	3/4	1
压缩机 Compressor	Oil-free, Piston style, Air cooled	Oil-free, Piston style, Air cooled
高压保护 High Pressure Shut-Off	38.5 bar/3850 kPa (558 psi)	38.5 bar/3850 kPa (558 psi)
工作温度 Operating Temperature	0°C ~40°C /32° F~104° F	0°C ~40°C /32° F~104° F
回收速率 Recovery Rate	气态 Vapor: 0.26 kg/min 液态 Liquid: 1.85 kg/min/min 推拉模式 Push/Pull: 6.22 kg/min	气态 Vapor: 0.52 kg/min 液态 Liquid: 3.70 kg/min 推拉模式 Push/Pull: 9.95 kg/min
外形尺寸 Dimensions (mm)	418x250x345	418x250x345
重量 Weight (Kg)	14	15



应用范围:

大型中央空调系统的冷媒回收处理、地热泵机组的冷媒回收工作、热氟烘干设备的雪种回收工程、冷库制冷机组的维修更换过程冷媒回收。

特点:

- 1、无油压缩机，可回收各类冷媒
- 2、自净化功能，清除机内残留冷媒
- 3、低压保护，自动停机
- 4、高压保护，复位按键

Applications:

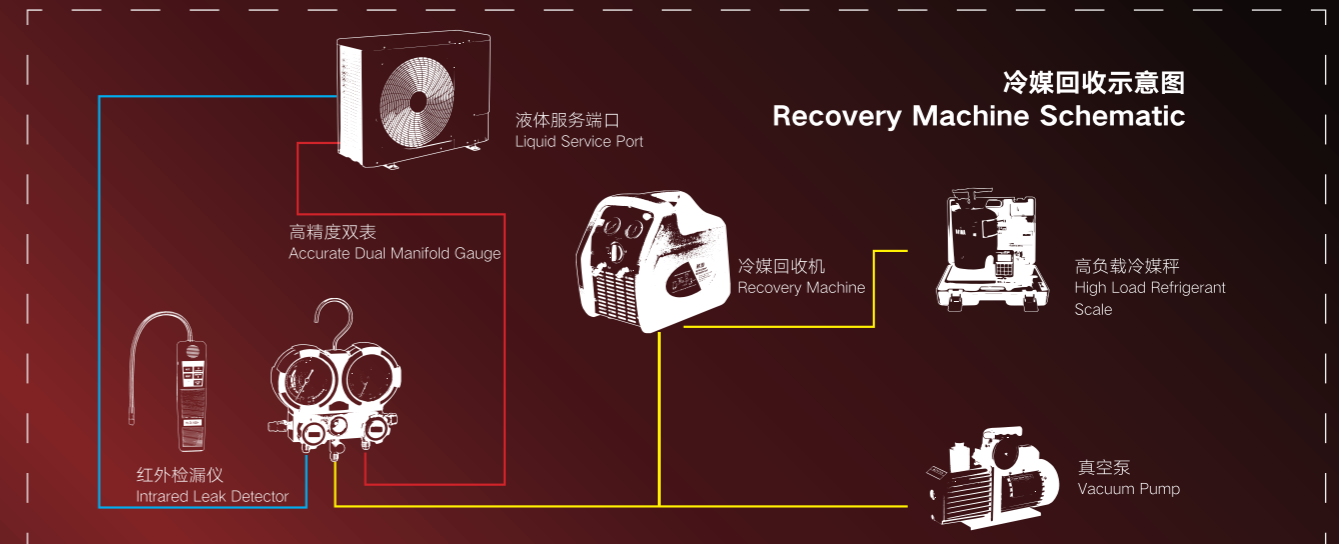
Refrigerant recovery for large central air-conditioning systems, geothermal heat pump units, thermal fluoride drying equipment and refrigerant recovery during maintenance of refrigeration units in cold storage.

Features:

- 1.Oil-free compressor recovers vapor and all kinds of liquid refrigerants
- 2.Self-purge function to clean up the remaining refrigerants in the machine
- 3.Low pressure protection, automatic stop
4. High pressure protection with cut-off switch

REFRIGERANT RECOVERY MACHINE

冷媒回收机



◀ 冷媒回收机 | Refrigerant recovery machine

技术参数/Technical Parameter

型号 Model	RR250	RR500
适用冷媒 Compatible Refrigerant	III:R12,R134a,R401C,R406A,R500, IV:R407D,R408A,R409A,R411A,R411B,R412A,R502,R509,R22,R401A,R401B,R402B,R407C, V:R402A,R404A,R407A,R407B,R410A,R507	
电源 Power Supply	220-240VAC/50-60Hz	110-120VAC/60Hz
电机 Motor Power(HP)	3/4	1
压缩机 Compressor	Oil-free, Piston style, Air cooled	Oil-free, Piston style, Air cooled
高压保护 High Pressure Shut-Off	38.5 bar/3850kPa	38.5 bar/3850kPa
工作温度 Operating Temperature	0°C~40°C/32° F~104°F	0°C~40°C/32°F~104°F
回收速率 Recovery Rate	气态 Vapor:0.26 kg/min 液态 Liquid:1.85 kg/min 推拉模式 Push/Pull:6.22 kg/min	气态 Vapor:0.52 kg/min 液态 Liquid:3.70 kg/min 推拉模式 Push/Pull:9.95 kg/min
外形尺寸 Dimensions(mm)	418x250x345	418x250x345
重量 Weight(Kg)	14	15

R32 REFRIGERANT RECOVERY UNIT

RR24M 冷媒回收机



DC Brushless Motor

RR24M 冷媒回收机

- 体积小, 重量轻
- 直流无刷电机
- 无油双缸压缩机
- 高精度数字压力传感器
- 数显大屏
- 可用于R32冷媒
- 自清功能
- Small in size and lightweight
- Brushless DC motor
- Oil-free double-cylinder compressor
- High-precision digital pressure sensor
- Digital display screen
- Can be used for R32 refrigerant
- Self-cleaning function

◆ 冷媒回收机 | Refrigerant Recovery Unit 技术参数/Technical Parameter

型号 Model	RR24M		
适用冷媒 Applicable refrigerant	III类: R12、R134a、R406A、R500、R1234yf IV类: R22、R401A、R401B、R402B、R407C、R407D、R408A、R409A、R502、R509 V类: R402A、R404A、R407A、R407B、R410A、R507、R32		
电源 power supply	110V/220v,50/60Hz		
最大电流 Max.Current(A)	6		
电机 Motor Power(HP)	无刷直流电机 1HP Brushless DC Motor 1 HP		
转速 Speed(RPM)	3000		
压缩机 Compression Engine	无油、风冷、活塞式 Oil-free lubrication, air cooling, piston type		
高压保护 (额定值) (bar) High Voltage Protection(Rated Value)	38.5		
工作温度 Operating Temperature	0~40		
制冷制 refrigerants	R134a	R22	R410A
液态 Liquid(Kg/min)	3.36	4.0	4.2
维拉模式 Push/Pull (Kg/min)	7.5	8.5	9.5
外形尺寸 Dimensions(mm)	365×250×300		
重量 Weight(Kg)	10.75		

更快的回收速度

- 更快的回收速度
- 微通道冷凝器, 具有更好的冷却性能
- 无油压缩机, 适用于各种冷媒
- 自清功能, 防止不同冷媒混合
- 大屏背光数显, 更好的可能性

Light-Fast

- Faster recycling speed
- Microchannel condenser, featuring superior cooling performance
- Oil-free compressor, suitable for various refrigerants
- Self-cleaning function to prevent mixing of different refrigerants
- Large-screen backlight digital display, offering better possibilities

REFRIGERANT RECOVERY RECLAIM CYLINDER

冷媒回收瓶系列

特征 Features

- 本钢瓶是用来重复充装制冷剂的焊接钢瓶，其广泛用于制冷、空调设备中。
- 由于产品盛装的介质在常温下具有较高的压力，且对环境变化敏感，故使用温度严格限制在-20~55°C之内。
- 钢瓶内的制冷剂在常温状态下为气、液两相共存，在需要液相制冷剂时将钢瓶倒置，连接好外部管线再打开瓶阀放料，使用完毕关闭阀门。
- 严格控制使用及贮存环境温度(-40~60°C)，不得超越，禁止太阳晒及靠近热源。
- This cylinder is a welded cylinder designed for repeated refilling of refrigerant and is widely used in refrigeration and air conditioning equipment.
- Due to the medium contained in the product having a high pressure at room temperature and being sensitive to environmental changes, the usage temperature is strictly limited to -20~55°C.
- The refrigerant inside the cylinder coexists in both gas and liquid phases at room temperature. When liquid refrigerant is needed, the cylinder should be inverted, the external pipelines connected, and then the cylinder valve opened to release the material. After use, the valve should be closed.
- Strictly control the usage and storage environment temperature (between -40°C and 60°C), do not exceed this range, and prohibit exposure to direct sunlight or proximity to heat sources.



型号 (Model)	外形尺寸 (mm) (Shape size)	筒体高度 (mm) (Cylinder height)	总高度 (mm) (General height)	颜色 (Color)	阀门螺纹 (Valve Thread)	容量 (L) (Capacity)	灌装 (Pour into)
13.6kg 冷媒回收 13.6kg Refrigerant Recycling	φ250	296	420	灰色 Grey	Z3/4-18	13.6	F12, F22
22.7kg 冷媒回收 22.7kg Refrigerant Recycling	φ280	330	460	灰色 Grey	Z3/4-18	22.7	F12, F22
40kg 冷媒回收 40kg Refrigerant Recycling	φ350	450	650	灰色 Grey	Z3/4-18	40	F12, F22
50kg 冷媒回收 50kg Refrigerant Recycling	φ350	610	740	灰色 Grey	Z3/4-18	50	F12, F22
100kg 冷媒回收 100kg Refrigerant Recycling	φ350	890	1050	灰色 Grey	Z3/4-18	100	F12, F22

VACUUM DEFOAMING BUCKET

真空消泡桶



Vacuum Gauge with a Range of -30 to 0 inHg



技术参数 Technical Parameters

- 提供多种规格与尺寸可选
- 采用高透聚碳酸酯材质制成 15mm 厚的盖板
- 1mm 厚的桶身可在高真空环境下保持形状不变
- Multiple specifications and sizes are available.
- 15mm-thick cover made of high-transparency polycarbonate material
- 1mm-thick barrel body maintains its shape under extreme vacuum conditions

模型 Model	VC-1.5	VC-2	VC-3	VC-5	VC-7
容量 Capacity	1.5Gal/6L	2Gal/9L	3Gal/12L	5Gal/18L	7Gal/27L
接口 Interface	1/4G	1/4G	1/4G	1/4G	1/4G
重量 Weight	3.2KG	3.4KG	3.75KG	5KG	5.5KG
直径 Diameter	240mm	240mm	240mm	300mm	300mm
总高度 Total height	300mm	350mm	420mm	450mm	540mm
最大真空度 Maximum vacuum	1.5Gal/6L	2Gal/9L	3Gal/12L	5Gal/18L	7Gal/27L

VACUUM PUMP OIL

真空泵油

不同的真空泵油对泵的冷态启动和极限真空有明显的影响。建议使用本公司的真空泵专用油。

The below types of vacuum oil can be used for vacuum pumps. It is recommended to use genuine oil provided by our company.

◆ 真空泵油 | Vacuum Pump Oil

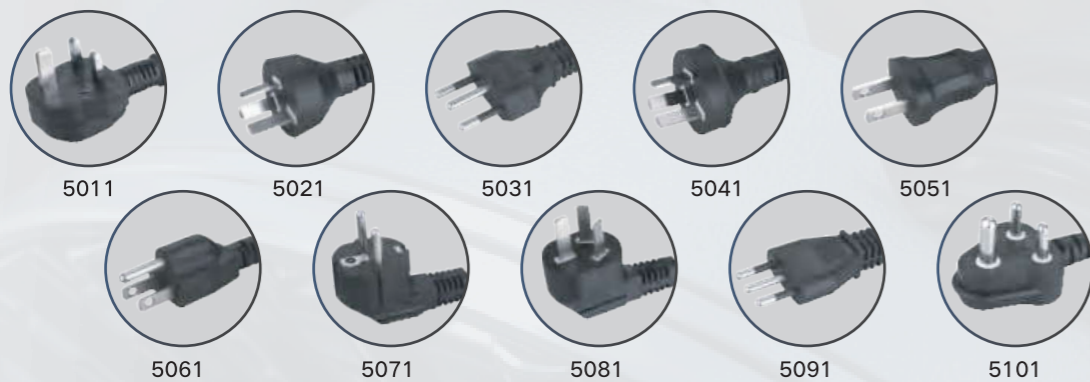
技术参数/Technical Parameter

型号 Type	46	68
运动粘度 Kinematic Viscosity	41.4-50.6	61.2-74.8
粘度指数 Viscosity Index	110	130
闪点 Flash Point (°C)	215	250
倾点 Pour Point (°C)	-9	-35



AC POWER SUPPLY PLUGS

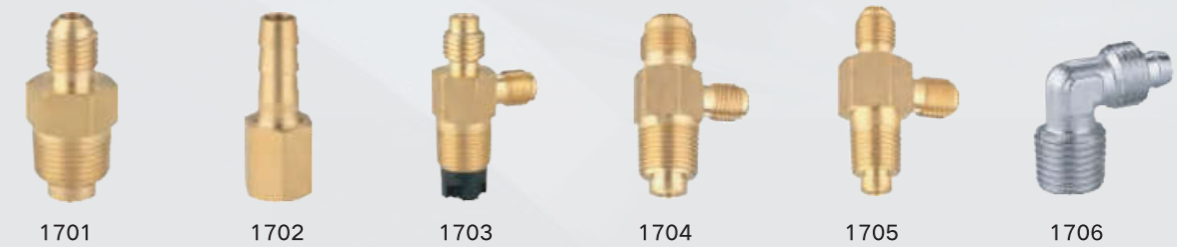
电源插头



Item 型号	Description	Item 型号	Description	Item 型号	Description		
5011	UK plug	5021	Argentina plug	5031	Brazilian plug		
5041	Australian plug	5051	Japanese plug	5061	American plug		
5071	Europlug	5081	China plug	5091	Italian plug	5101	South African plug

INTAKE PORTS ADAPTERS

进气道适配器



Item 型号	Description	Item 型号	Description	Item 型号	Description
1701	1/4" SAE	1702	φ6 Barb Connector	1703	1/4" SAE 1/2" Acme
1704	1/4" SAE 3/8" SAE	1705	1/4" SAE 1/4" SAE	1706	1/4" Elbow (Locked with M12x1 Nut)

OPTIONAL ACCESSORIES

可选配件



Item 型号	Description	Item 型号	Description	Item 型号	Description
1751	Solenoid Valve	1753	Blank-off Valve	1762	Vacuum Gauge
1752	Solenoid Valve	1761	Vacuum Gauge		

DIGITAL ELECTRONIC SCALE

数字式电子秤

◆ 数字式电子秤 | Digital electronic scale

技术参数/Technical Parameter

型号 Type	RES-100
最大量程 Capacity	100 Kg
精度 Accuracy	+/- 0.5% of reading
秤台尺寸 Platform Size	23 X 23 cm
重量 Weight	3.3 Kg / 3.6 Kg
电源 Power	1 pcs of 9V batteries included (60 hours)
读数 Readout	Imperial / Metric
工作温度 Operating Temperature	32°F to 122°F (0~50°C)
自动关闭 Auto off	10 min



RES-50/100

模型 Model	RCS-220V
最大容量 Max capacity	100kg / 220lb
分辨率 Resolution	5g / 0.2oz
准确性 Accuracy	±0.05% rdg +10g
电源供应 Power supply	6LR61 9V
工作温度 Operating temperature	-10°C~40°C / 14°F~104°F
存储温度 Storage temperature	-15°C~50°C / 5°F~122°F
总体尺寸 Overall size	227x227x70 mm/8.9x2.8x2.8 inch

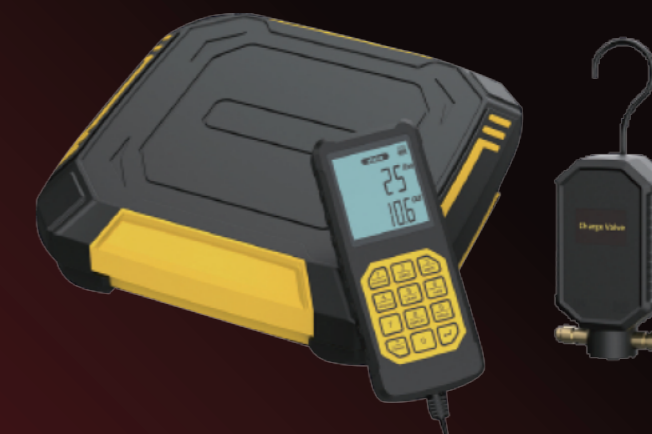


RCS-220V

1. 大尺寸数字液晶显示屏，读数清晰便捷
2. 高精度，分辨率可达 5 克
3. 三种显示模式：千克 (kg)、盎司 (oz)、磅 (lbs)
4. 自动关机：闲置 10 分钟后自动关机；背光灯在闲置 3 分钟后自动熄灭
5. 自动报警：当重量超出指定范围时，屏幕显示“FULL”
6. 带定量归档功能的 REC 记录模式

1. Large digital LCD display for easy and clear reading
2. High accuracy and resolution up to 5 grams
3. Three display modes: kg, oz and lbs
4. AUTO-SHUT OFF: Automatically shuts off after 10 minutes of non-use; Backlight will shut off after 3 minutes of non-use
5. Automatic alarm: "FULL" display when the weight exceeds the specified range
6. REC model with quantitative filing function

RCS-320V PROGRAMMABLE ELECTRONIC REFRIGERANT SCALE



参数表 Parameter Table

项目编号 Item No.	RCS-320V
最大容量 Max capacity	100kg/220lb
决心 Resolution	5g
准确度 Accuracy	±0.05%rdg+5g
电源 Power supply	6×AAA batteries
工作温度 Operating temperature	-10°C~40°C
储存温度 Storage temperature	-15°C~50°C
整体尺寸 Overall size	270×270×70mm/10.62×2.75inch
重量 Weight	3.5kg/7.7lb

1. 配备全数字键盘，操作快捷
2. 充注 / 回收报警功能，达到预警值时触发提醒
3. 内置电磁阀，全自动控制，充注 / 回收更精准
4. 阀门采用背钩式设计，使用更便捷
5. 阀门可独立开关，用于排气

1. Full numeric keypad for fast operation.
2. Charge/Recover alarm, when the warning value is reached.
3. Equipped with solenoid valve, fully automatic control, more precise charging/recovering.
4. Valve with back hook design, easy to use.
5. The valve can be independently opened or closed to discharge air.

HALOGEN LEAK DETECTOR

卤素检漏仪

WJL-6000

外形尺寸：151*35*35mm
探杆长度：20cm

Overall size: 151*35*35mm
Probing rod length: 20cm

技术参数：

- 极限灵敏度：6g/yr
- 响应时间：瞬时
- 复位时间：2~10s
- 预热时间：约10s
- 电源：4节7号电池(6VDC)
- 操作温度：0°C ~52°C；
- 检测模式：连续、无限制
- 符合 RoHS 标准
- 符合 SAE_ J1627、En14624 标准

Technical Parameters:

- Ultimate sensibility: 6g/yr
- Response time: instant
- Reset time: 2~10s
- Warm-up time: about 10s
- Power supply: 4 AAA batteries (6 VDC)
- Operating temperature: 0°C ~52°C；
- Detection mode: continuous, unlimited
- Conform to ROHS standard
- Conform to SAE_ J1627 and EN14624 standards



HLD-100+

外形尺寸：229*65*65mm
探杆长度：35.5cm

Overall size: 229*65*65mm
Probing rod length: 35.5cm

技术参数：

- 极限灵敏度：3g/yr
- 响应时间：瞬时
- 复位时间：2s
- 预热时间：约10s
- 电源：3伏直流，2节二号优质电池
- 操作温度：0°C ~52°C；
- 检测模式：连续、无限制
- 符合 RoHS 标准
- 符合 SAE_ J1627、En14624 标准

Technical Parameters:

- Ultimate sensibility: 3g/yr
- Response time: instant
- Reset time: 2s
- Warm-up time: about 10s
- Power supply: 2"C" batteries (3 VDC)
- Operating temperature: 0°C ~52°C；
- Detection mode: continuous, unlimited
- Conform to ROHS standard
- Conform to SAE_ J1627 and EN14624 standards



项目编号 Item No.	RLD-100
传感器寿命 Sensor lifetime	5 year
敏感度范围 Sensitivity range	3 levels:High,Medium,Low
最大灵敏度 Maximum sensitivity	3g/yr
重置时间 Reset time	< 3s
预热时间 Warm-up time	30s
恢复时间 Recovery time	< 10s
制冷剂 Refrigerants	CFCs/HCFCs/HFCs/HFOs
电源 Power supply	4xAA alkaline battery
电池续航 Battery life	Continuous use 5-6 hours
审批 Approvals	Compliant to Standard: SAE-J1627, EN 14624, CE
整体尺寸 Overall size	10*2*2.3 inch
探针杆长度 Probing rod length	16.4 inch



RLD-100

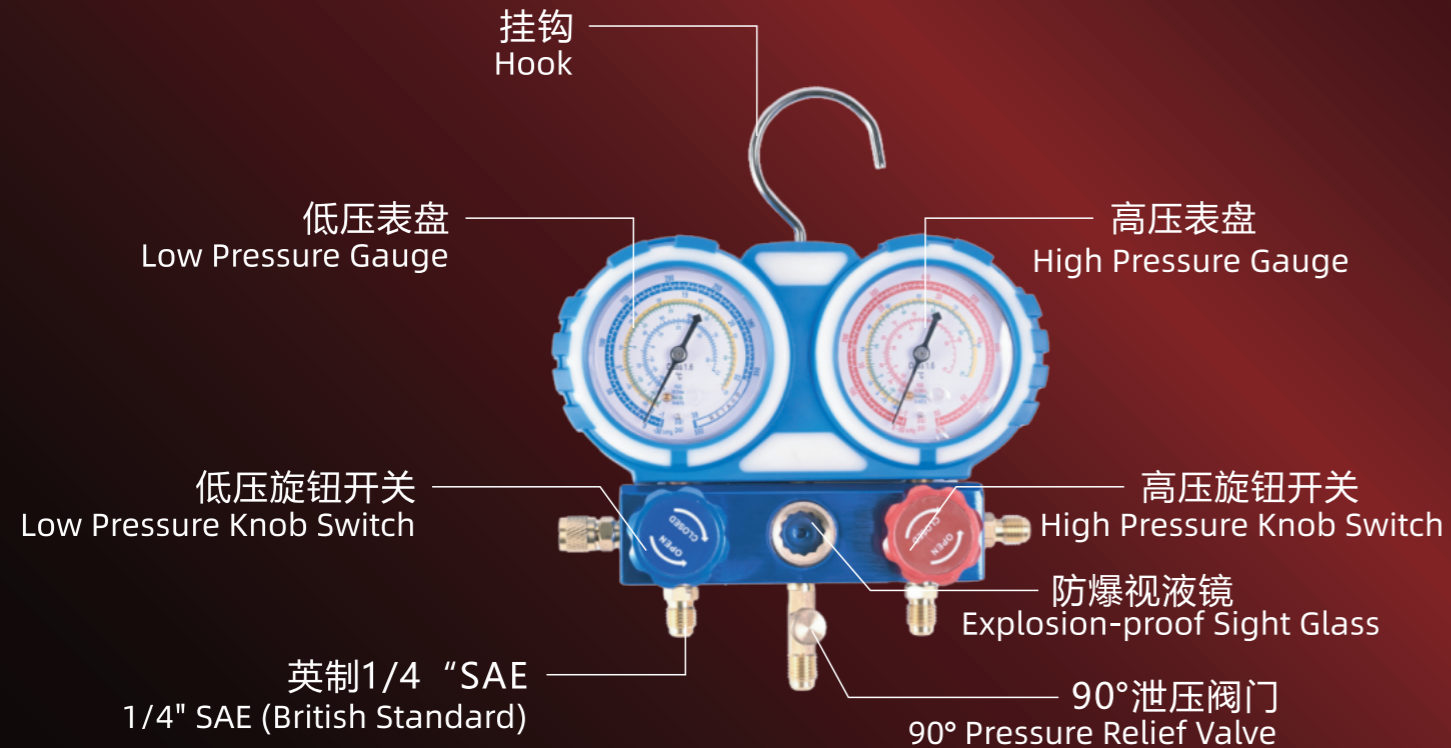
IRD-200
CFCs, HFCs, HCFCs, HFOs
10 years
3g/yr
Audible, visual alarm and flashing probe LED
< 15
30S
10 minutes of inactivity
2*18650 Lithium battery
-10°C~50°C
210*60*36mm
420mm



IRD-200

Flaring Tool & Manifold Kit

扩管工具与压力表套装



特点:

- 1、高强度橡塑表套，充分防撞
- 2、双表采用高精度机芯
- 3、阀门采用铝合金嵌件设计，增加强度
- 4、配置快速接头，适用于汽车空调

Features:

1. Anti-shock design with durable rubber coating
2. Calibration screws high accuracy of reading
3. 1/4" SAE fittings anodized aluminum block body with high strength
4. Quick couplers included for auto A/C maintenance

HIGH STRENGTH REFRIGERANT HOSE

高性能加液管

技术参数/Technical Parameter

型号 Type	R410A, R32	R134A, R22, R404A, R407C	
红 Red	1/4"-5/16"	1/4"-1/4"	1/4"-1/4"
黄 Yellow	1/4"-1/4"	1/4"-1/4"	1/4"-1/4"
蓝 Blue	1/4"-5/16"	1/4"-1/4"	1/4"-1/4"
压力 Pressure Scale	800-4000 psi	600-3000 psi	500-2500 psi
长度 Length	90 cm	120 cm	150 cm



TRANSITION ADAPTER

转换接头

YY-1101

外螺纹 1/4" SAE 转内螺纹 5/16" SAE
Male thread 1/4" SAE to female thread 5/16" SAE

YY-1102

外螺纹 5/16" SAE 转内螺纹 1/4" SAE
Male thread 5/16" SAE to female thread 1/4" SAE

YY-1103

外螺纹 1/4" SAE 转内螺纹 1/2" ACME
Male thread 1/4" SAE to female thread 1/2" ACME

YY-1104

外螺纹 1/2" ACME 转内螺纹 1/4" SAE
Male thread 1/2" ACME to female thread 1/4" SAE



QUICK COUPLER

快速接头



1234YF 1/4" SAE

134A 1/4" SAE

R744 (CO₂) 1/4" SAE



MG-10

◆ 参数表 | Parameter Table

项目编号 Item No.	MG-10
测量范围 Measurement range	-14.5~800psi
压力显示分辨率 Pressure display resolution	0.5psi
压力测量精度 Pressure measurement accuracy	±0.5%FS
压力单位 Pressure Unit	psi、bar、kg/cm、inHg、kPa、MPa
操作温度和湿度 Operating temperature and humidity	-10~50°C; 35%-85% RH
电池 Battery	3# AAA
制冷剂 Refrigerant	88 types

- 紧凑设计：小巧便携，易于随身携带。
- 功能完全替代机械式压力表：完全替代机械式双表的所有功能，并额外提供泄漏检测和真空测量功能。
- 更高精度：先进的陶瓷传感器和数字化技术使MG-10在测量精度方面轻松超越传统机械量规。
- 坚固且防摔：即使在使用过程中仪器意外跌落，也不会对测量精度或正常功能产生丝毫影响。
- 2倍过压范围：可承受超过额定压力范围2倍的压力而不损坏传感器，无需担心“撞针”问题。
- Compact design: Mini portable, easy to carry around.
- Functions completely replace mechanical gauge: Completely replaces all functions of a mechanical dual gauge and additionally provides leakage test and vacuum measurement functions.
- Higher precision: Advanced ceramic sensors and digitizing technology allow the MG-10 to easily outperform traditional mechanical gauges in terms of measurement accuracy.
- Sturdy and drop-proof: Accidental dropping of the instrument during use will not affect the measurement accuracy or normal function at all.
- 2 times over-pressure range: Can withstand more than 2 times the rated range of pressure without damage to the sensor, do not have to worry about "hit the needle" problem.

RVG-10



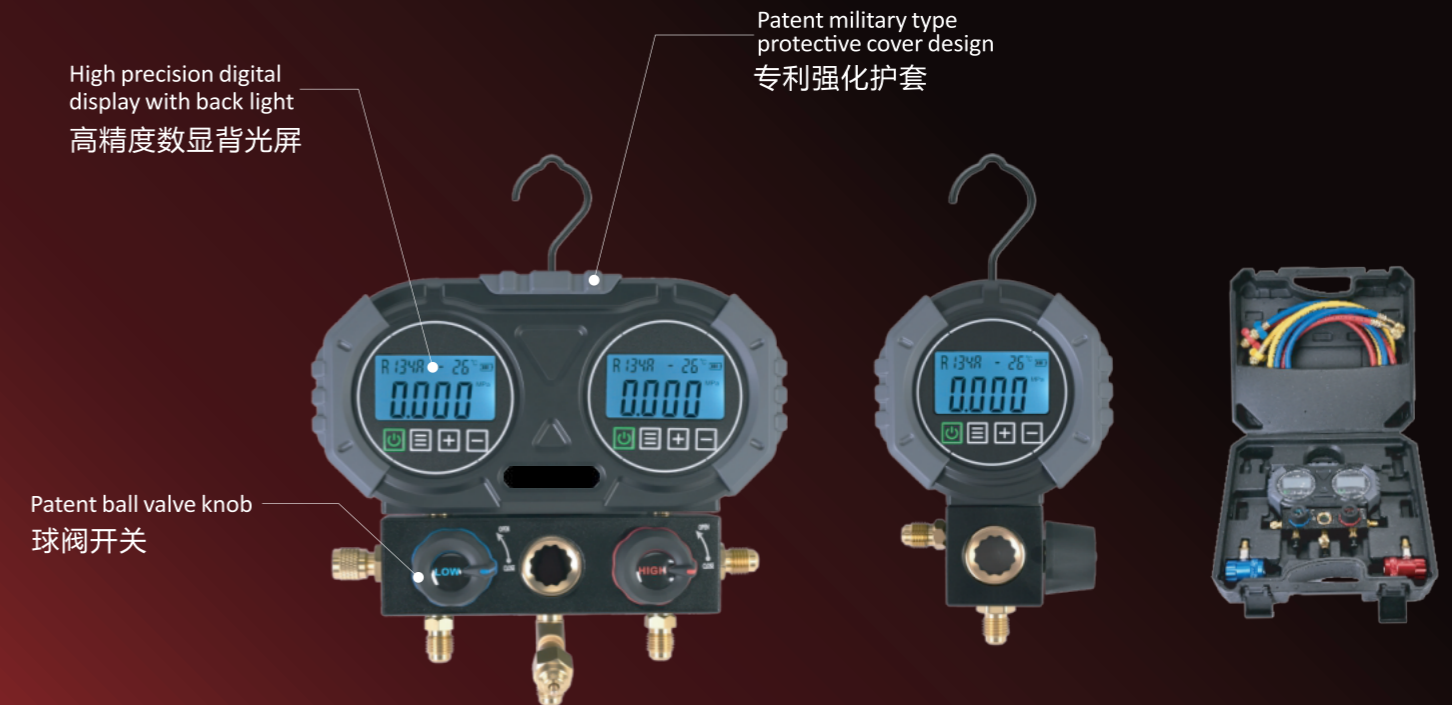
◆ 参数表 | Parameter Table

项目编号 Item No.	RVG-10
压力范围 Pressure Range	-14.5~800psi
准确性 Accuracy	±0.5%FS
分辨率 Resolution	0.5psi
压力单位 Pressure Unit	kPa、MPa、psi、inHg、bar、kg/cm
温度范围 Temperature range	-50°C~150°C / -58°F~302°F
温度显示分辨率 Temperature display resolution	0.1°C/0.2°F
温度测量精度 Temperature measurement accuracy	±0.5°C/±0.9°F
温度单位 Temperature Unit	°C、°F
工作温度 Operating Temperature	-10°C~50°C
电池 Battery	2# AAA
制冷剂 Refrigerant	88 types

- 兼容高压和低压测量：高压模式：测量冷凝温度和过冷度。低压模式：测量蒸发温度和过热度。
- 防水：该仪器具有IP65级低压水喷射防护能力。注意：不可直接浸入水中
- 球阀：球阀具有较短的开启和关闭时间，能够精确控制充装量。
- 丰富的测量功能：五种测量功能：压力测量、泄漏测试、温度测量、交流心电图（AC ECG）、抽真空测量。
- 排气阀：压力排气简化了排气过程，提高了便利性和安全性
- COMPATIBLE WITH HIGH AND LOW PRESSURE MEASUREMENTS: High pressure mode: Measure condensation temperature and Subcooling.Low pressure mode: Measure evaporation temperature and Superheat.
- WATERPROOF: The instrument is protected to IP65 against low-pressure water jets.Note: Cannot be immersed directly in water
- BALL VALVE: The ball valve has a short opening and closing time and allows for precise control of the charge volume.
- RICH MEASUREMENT FUNCTIONS: Five Measurement Functions: Pressure Measurement、Leak Test、Temperature Measurement、AC ECG、Evacuation Measurement.
- EXHAUST VALVE: Pressure venting simplifies venting for greater convenience and safety

A/C DIGITAL MANIFOLD GAUGE

空调数字式歧管压力表



Refrigerant 适用冷媒	Build-in 120 kinds of refrigerant database basis NIST
Pressure measuring range 压力测量范围	-15 to 870 psi / -1 to 60 bar
Pressure units 压力单位	psi, kg/cm ² , bar, Kpa, Mpa, inHg
Temperature units 温度单位	°F / °C
Power supply 电源	6 x AA battery, 1.5V

Refrigerant 适用冷媒	R134A, R1234YF, R22, R290, R32, R404A, R407C, R410A, R452B, R454B, R502, R507R600, R600A, R12, R125, R141B, R401A, R401B
Pressure Units 压力单位	psi, kgf/cm ² , bar, Kpa, Mpa, inHg
Temperature Units 温度单位	°F / °C
Power supply 电源	1pc * 9V batteries of both side (total 2pcs)

- 特点:**
1. 耐用 TPE+PA 保护盖设计
 2. 柔性防滑硅胶设计, 握持舒适
 3. 高精度数据, 稳定且准确
 4. 大尺寸彩色屏幕带图形显示, 便于测量结果的评估

- Features:**
1. Durable TPE + PA Protective Cover design
 2. Flexible non-slip silicone design, comfortable to hold
 3. High-Precision data, stable and accurate
 4. Large Color screen with graphic display, for easy evaluation of the measurement results

- 特点:**
1. 数字屏幕, 易于阅读, 支持多种单位
 2. 适配 1/4 英寸 SAE 公头接口
 3. 刷新率: 1 秒
 4. 专利球阀旋钮

- Features:**
1. Digital Screen easy to read Support Various Units
 2. Fitting 1/4" SAE male
 3. Refresh Rate: 1 second
 4. Patent ball valve knob

A/C MANIFOLD GAUGE AND SET

空调歧管压力表和套装



BALL VALVE TYPE
E-311 球阀式



PISTON TYPE
M-311 旋钮式

模型 MODEL	球阀类型 BALL VALVE TYPE	活塞类型 PISTON TYPE
制冷剂 REFRIGERANT	R32、R410A、R134A、R1234yf	R134A、R1234yf
量规直径 Gauge Diameter	70mm	70mm
量规等级 Gauge Class	Class1.0	Class1.6
压力单位 Pressure units	psi, bar	psi, bar
适配选择 Fitting Selection	1/4SAE ,5/16SAE ,1/2 ACMME	1/4SAE ,5/16SAE ,1/2 ACMME

特点:

- 1、高强度橡塑表套，充分防撞
- 2、双表采用高精度机芯
- 3、阀门采用铝合金嵌件设计，增加强度
- 4、配置快速接头，适用于汽车空调

Features:

1. Anti-shock design with durable rubber coating
2. Calibration screws high accuracy of reading
3. 1/4" SAE fittings anodized aluminum block body with high strength
4. Quick couplers included for auto A/C maintenance



MG-B301-01



MG-A301-01



MG-S301-01



MG-B302-01



MG-A302-01



MG-S401-01

模型 Model	制冷剂 Refrigerant	量规直径 Gauge Diameter	软管 Hose	奎克耦合器 Quick Coupler	点击 Can tap	其他 Other
MG-B301-01	R12 R22 R134 R502	70mm	60" 600-3000psi	QC-16B	CT-342/343	Adapter*1
MG-B302-01	R12 R22 R134 R502	70mm	60" 600-3000psi	QC-17	CT-342/343	Adapter*1
MG-A301-01	R134a	70mm	60" 600-3000psi	QC-17	CT-339J	/
MG-A302-01	R1234yf	80mm	60" 800-4000psi	QC-19	/	/
MG-S301-01	R22 R134 R32 R410	70mm	60" 600-3000psi	QC-17	CT-340J	Adapter*1
MG-S401-01	R22 R134 R32 R410	70mm	60" 800-4000psi	QC-17/QC-20	CT-343J/CT-345J	Adapter*3

DIGITAL VACUUM GAUGE

数字式真空计

High precision digital display with back light
高精度数显背光屏



Patent military type protective cover design
专利强化护套

1/4"SAE
英制1/4接头

模型 Model	最大过载压力 Maximum Overload Pressure	单元 Unit	范围 Range	准确性 Accuracy
VG-100	14 PSI/0.1 Mpa	pa、mbar、mmhg、microns	0~10000 Pa, 0~100.00mBar 0~75.000 mmHg, 0~75000 Micron	2-100Pa:±5%of reading (at 20°C°C)

特点:

- 1.适用于高精度真空度测量
2. 高清背光数字显示屏
3. 蜂鸣警告声音提示
4. 四种真空单位选项

Features:

- 1.Suitable for High-Precision Vacuum Level Measurement
- 2.High-Definition Backlit Digital Display
- 3.Beep Warning Sound Prompt
- 4.Four Vacuum Unit Options

BALL VALVE

手动截止阀



特点:

- 1.用于充注制冷剂后防止泄漏的充电软管。
2. 1/4 英寸、5/16 英寸、M12-1.5、M12-1.5L、1/2 ACME或3/8 英寸，或其他螺纹尺寸可根据ISO 标准定制，UNC/UNF/NPT 也可定制。

Features:

- 1.For Charging hose to prevent leakage after charging with refrigerant.
- 2.1/4",5/16",M12-1.5, M12-1.5L, 1/2 ACME or 3/8" or some other thread sizes basis ISO, UNC/UNF/NPT can be customized

RAPID-Y CONNECTION 3/8" FL

Y字接头 英制3/8"螺纹



- 1/4" 3/8" 1/2" or some other thread sizes can be customized
- 1/4" 3/8" 1/2" 等螺纹可按要求定制

VACUUM HOSE

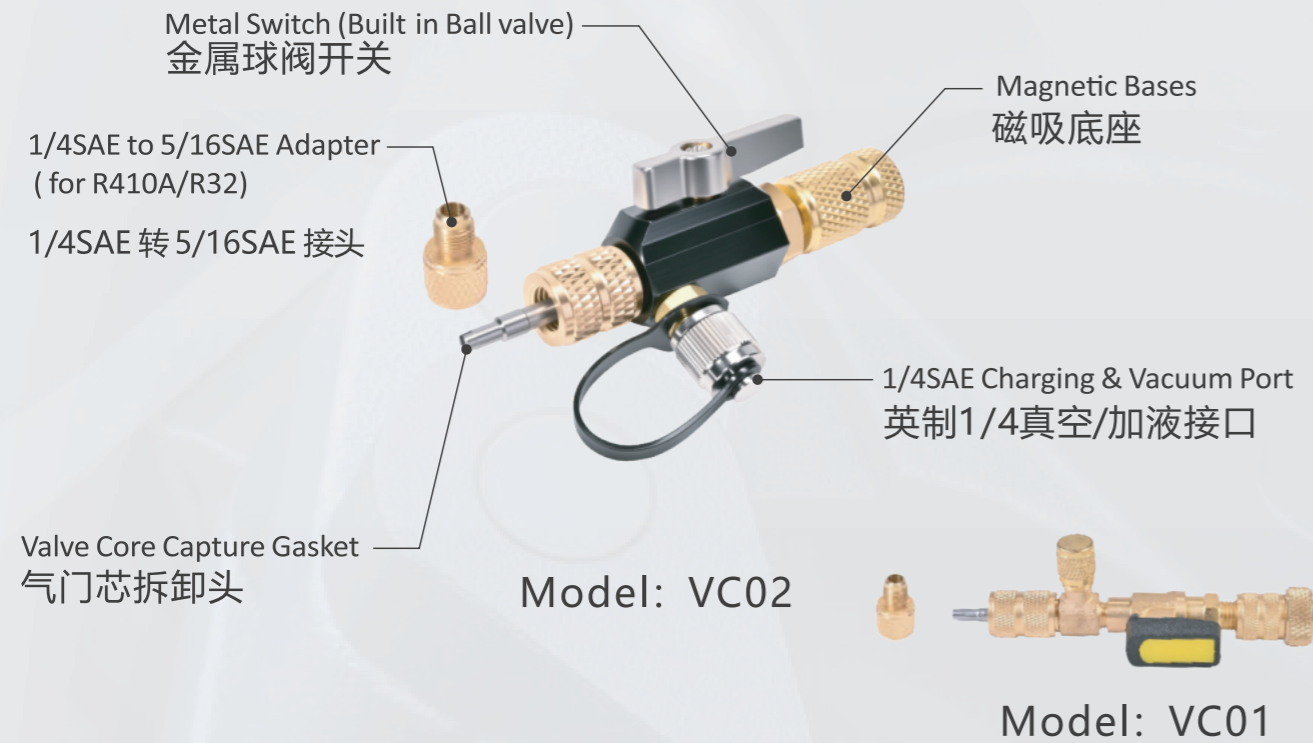
真空软管



- 1/4" 3/8" 1/2" or some other thread sizes can be customized
- 1/4" 3/8" 1/2" 等螺纹可按要求定制

VALVE CORE REMOVER

气门芯拆卸工具



特点:

- 1.广泛兼容性: 包含 R410A 黄铜适配器; 兼容多种制冷剂, 如 R22、R12、R410A、R32、R404、R407 和 R507。
2. 适用于制冷剂充注、抽真空和阀芯更换
3. 磁性底座 —— 再也不用担心杆子丢失

Features:

- 1.Wide Compatibility : Includes R410A brass adapter; compatible with multiple refrigerants such as R22 R12 R410A R32 R404 R407 and R507
- 2.Suitable for refrigerant charging vacuuming and valve core replacement
- 3.Magnetic bases – Never lose stem again

PORTABLE TOOL KIT

便携式套装

便携式套装|Portable Tool Kit

技术参数/Technical Parameter

No.	Description	Item No.	Quantity (PC)
01	Vacuum Pump 真空泵	SVP-115	1
02	Flaring Tool 扩管器	FT-808	1
03	Tube Cutter 割刀	TC-28	1
04	Deburrer 毛刺刀	CT-210	1
05	Manifold Gauge 双表组	MG-2-R410	1
06	Tube Expander 胀管器	ST-22	1
07	Charging Hose 管子	CT-3-60"	1
08	Aluminum Case 铝箱		1

FT-8A

特点:

- 铝制箱子设计, 方便携带。
- 铝制箱子在运输过程中更好地保护工具。

Features:

- All tools in one toolbox, easy to carry
- Robust aluminum case to protect the tools during transportation

