

BOOSTER VALVE / KIT

PRODUCT BROCHURE



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ABOUT US



Brand Mission

With the name Youcheng, we supply premium products and services for automation equipment enterprises worldwide.



Core Values

Customer First, People-Oriented; Quality Supreme, Value Priority



Brand Vision

Build a Premium Brand, Forge a First-Class Enterprise

30000

Total Base Area
Over 10,000 Square Meters

155

Our products are sold to more than
155 countries and regions worldwide.

50

Built sound business partnerships
with over 50 countries.

QUALITY FOR SURVIVAL, REPUTATION FOR GROWTH

Founded in 2013, our company adheres to rigorous quality inspection and control standards to deliver high-standard, premium products to customers. Equipped with dedicated R&D, technical support and sales teams, we rapidly address market demands, keep innovating, and serve all clients with outstanding professional capabilities.

INTEGRITY IN SERVICE, CUSTOMERS FOREMOST

Adhering to the service tenet of putting customers first, our company wins the market with integrity. Through professional training, we now have a professional sales team covering pre-sales, in-sales and after-sales services. We stick to the customer-oriented business policy. Via skill training and professional assessments, we continuously strengthen all staff's service awareness to provide customers with high-quality, efficient and thoughtful services!



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OUR STORY

Jiangsu Youcheng Zhixin Electromechanical Equipment Co., Ltd. (hereinafter referred to as "Youcheng Zhixin") was founded in 2013. Located in Kunshan City, Jiangsu Province, it owns a 30,000-square-meter intelligent manufacturing base. The group encompasses six subsidiaries: Jiangsu Youcheng Zhixin Electromechanical Equipment Co., Ltd., Jiangsu Sufite Machinery Equipment Co., Ltd., Jiangsu Youcheng Ruinan Technology Co., Ltd., Jiangsu Taizhikun Electromechanical Equipment Co., Ltd., Jiangxi Guangfeng Machinery Co., Ltd., and Dongguan Meiwangxing Electromechanical Equipment Co., Ltd.

As an integrated enterprise integrating R&D, design, production and sales, we have long focused on the electromechanical hardware sector. Supported by a stringent quality control system and a professional technical team, we keep advancing the innovation and upgrading of our products and services to rapidly meet market demands. Our core product lineup covers air storage tanks, vacuum pumps, pressure booster valves, motors, fans, pneumatic components, vacuum systems and hardware products. These items are widely applied in more than ten key industries including precision machining, medical devices, electric power, petrochemicals, aerospace, food processing, pharmaceuticals, printing and plastics manufacturing.

Thanks to superior quality and sound reputation, our products are well recognized by the market, selling well nationwide and exported to 155 countries and regions across the globe. The company consistently adheres to the business philosophy of "Customer First, People-Oriented, Quality Supreme, Value Priority". While continuously expanding market reach, we strengthen internal management and brand building. By boosting product innovation, commercializing technological achievements and actively exploring international markets, we strive to grow into a leading professional global enterprise.

Guided by the development vision of "Build a Premium Brand, Forge a First-Class Enterprise", Youcheng Zhixin leverages cutting-edge technology, high-quality products and professional services to cooperate with partners worldwide, jointly driving the advancement of the automation equipment industry.



02

PROFESSIONAL
SERVICE-ORIENTED
RESEARCH-DRIVEN
INNOVATIVE

CRAFT PRODUCTS WITH
SINCERITY, SERVE
CLIENTS WHOLEHEARTEDLY

CATALOG

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VBA DOUBLE BOOSTER VALVE

2x Pressure Boosting / No Power Required / Stable Performance

The pneumatic pressure booster valve is a fully pneumatic, power-free pressure amplifying component. It approximately boosts factory conventional low-pressure air (normally 0.4-0.7 MPa) at a 2:1 ratio to generate local high pressure. Common models include VBA10A, VBA20A and VBA40A.

Pressure Ratio: 2:1 (0.5 MPa inlet → approx. 1.0 MPa outlet)Power Source: Fully pneumatic, no power supply required; operates simply by connecting to standard compressed air.

Applications:Without raising the pressure of the factory's main air pipeline, it supplies high pressure to local workstations such as cylinder clamping, stamping, gas-liquid booster cylinders and long-distance pneumatic control.

Product Advantages:No power supply needed, localized pressure boosting, easy installation and stable output pressure.



Note: Pictures are for reference only; actual product shall prevail.

VBA SERIES DOUBLE BOOSTER REGULATOR

VBA10A-02

Pressure Ratio	2times	Port Size	RC1/4
Set Pressure	0.2~2.0Mpa	Output Flow	230L/min
Gauge Port Size	RC1/8	Working Fluid	Compressed Air
Mounting Direction	Horizontal	Mounting Diameter	Φ5.5mm
Mounting Dimensions	40*60mm	Overall Dimensions	150*70*113mm
Medium: Various Gases			



VBA20A-03

Pressure Ratio	2times	Port Size	RC3/8
Set Pressure	0.2~1.0Mpa	Output Flow	1000L/min
Gauge Port Size	RC1/8	Working Fluid	Compressed Air
Mounting Direction	Horizontal	Mounting Diameter	Φ12mm
Mounting Dimensions	53*98mm	Overall Dimensions	300*118*176mm
Medium: Various Gases			



VBA22A-03

Pressure Ratio	2times	Port Size	RC3/8
Set Pressure	0.2~1.0Mpa	Output Flow	1000L/min
Gauge Port Size	RC1/8	Working Fluid	Compressed Air
Mounting Direction	Horizontal	Mounting Diameter	Φ12mm
Mounting Dimensions	53*98mm	Overall Dimensions	300*118*139mm
Medium: Various Gases			



VBA40A-04

Pressure Ratio	2times	Port Size	RC1/2
Set Pressure	0.2~1.0Mpa	Output Flow	1900L/min
Gauge Port Size	RC1/8	Working Fluid	Compressed Air
Mounting Direction	Horizontal	Mounting Diameter	Φ12mm
Mounting Dimensions	96*130mm	Overall Dimensions	404*150*215mm
Medium: Various Gases			



VBA42A-04

Pressure Ratio	2times	Port Size	RC1/2
Set Pressure	0.2~1.0Mpa	Output Flow	1900L/min
Gauge Port Size	RC1/8	Working Fluid	Compressed Air
Mounting Direction	Horizontal	Mounting Diameter	Φ12mm
Mounting Dimensions	96*130mm	Overall Dimensions	404*150*172mm
Medium: Various Gases			





VBA43A-04GN

Pressure Ratio	2times	Port Size	RC1/2
Set Pressure	0.2~1.6Mpa	Output Flow	1600L/min
Gauge Port Size	RC1/8	Working Fluid	Compressed Air
Mounting Direction	Horizontal	Mounting Diameter	φ12mm
Mounting Dimensions	96*130mm	Overall Dimensions	404*150*221mm
Medium: Various Gases			



SMC-VBA10A-02GN

Pressure Ratio	2times	Port Size	RC1/4
Set Pressure	0.2~2.0Mpa	Output Flow	230L/min
Gauge Port Size	RC1/8	Working Fluid	Compressed Air
Mounting Direction	Horizontal	Mounting Diameter	φ5.5mm
Mounting Dimensions	40*60mm	Overall Dimensions	150*70*113mm
Medium: Various Gases			



SMC-VBA11A-02GN

Pressure Ratio	2~4times	Port Size	RC1/4
Set Pressure	0.2~2.0Mpa	Output Flow	70L/min
Gauge Port Size	RC1/8	Working Fluid	Compressed Air
Mounting Direction	Horizontal	Mounting Diameter	φ5.5mm
Mounting Dimensions	40*60mm	Overall Dimensions	150*70*113mm
Medium: Various Gases			



SMC-VBA20A-03GN

Pressure Ratio	2times	Port Size	RC3/8
Set Pressure	0.2~1.0Mpa	Output Flow	1000L/min
Gauge Port Size	RC1/8	Working Fluid	Compressed Air
Mounting Direction	Horizontal	Mounting Diameter	φ12mm
Mounting Dimensions	53*98mm	Overall Dimensions	300*118*176mm
Medium: Various Gases			



SMC-VBA22A-03GN

Pressure Ratio	2times	Port Size	RC3/8
Set Pressure	0.2~1.0Mpa	Output Flow	1000L/min
Gauge Port Size	RC1/8	Working Fluid	Compressed Air
Mounting Direction	Horizontal	Mounting Diameter	φ12mm
Mounting Dimensions	53*98mm	Overall Dimensions	300*118*139mm
Medium: Various Gases			



SMC-VBA40A-04GN

Pressure Ratio	2x	Port Size	RC1/2
Set Pressure	0.2~1.0Mpa	Output Flow	1900L/min
Gauge Port Size	RC1/8	Working Fluid	Compressed Air
Mounting Direction	Horizontal	Mounting Diameter	φ11mm
Mounting Dimensions	95*130mm	Overall Dimensions	405*150*225mm
Medium: Various Gases			



SMC-VBA42A-04GN

Pressure Ratio	2x	Port Size	RC1/2
Set Pressure	0.2~1.0Mpa	Output Flow	1900L/min
Gauge Port Size	RC1/8	Working Fluid	Compressed Air
Mounting Direction	Horizontal	Mounting Diameter	φ12mm
Mounting Dimensions	96*130mm	Overall Dimensions	404*150*172mm
Medium: Various Gases			

STAINLESS STEEL CARBON STEEL BOOSTER TANK

Thickened & Anti-corrosion/International Standard Compliant/Stable Performance

Stainless steel and carbon steel booster tanks are high-pressure air storage and pressure stabilization vessels supporting pneumatic booster valves. They are specially designed to store high-pressure compressed air discharged from booster valves. Manufactured in two material options, carbon steel and stainless steel, they are standard matching accessories for booster valves.

Carbon Steel Booster Tank (Q235B / Q345R) Advantages: Cost-effective, thick tank wall with superior pressure resistance and high mechanical strength. It is the preferred option for conventional dry industrial workshops, with a typical working pressure rating ranging from 1.6 MPa to 3 MPa.

Applications: General machining, stamping, pneumatic fixtures and other dry operating conditions. **Stainless Steel Booster Tank (304 / 316) Advantages:** Rust and corrosion resistant, featuring smooth inner walls free of rust debris. It resists moisture, water vapor and weak acid erosion, delivering clean, contamination-free air. Its service life is more than three times that of carbon steel tanks. **Applications:** High-purity gas scenarios including food processing, pharmaceuticals, semiconductors, chemical industries, humid workshops, precision air tightness testing and other demanding clean-air applications.



Note: Pictures are for reference only; actual product shall prevail.



VBAT-05L

Capacity	5L	Material	304stainless steel
Mounting Dimensions	200*100mm	Mounting Hole Size	25*Φ11
Pressure Rating	≤1.25Mpa (12.5Bar)	Overall Size	365*189*256mm
Port Size	G1/4(1pc) G1/2(3pc) G3/8(1pc)		
Recommended Application: Mechanical equipment, automation industry, and other industries for storing various gases.			

VBAT-10L

Capacity	10L	Material	304stainless steel
Mounting Dimensions	310*120mm	Mounting Hole Size	Φ11
Pressure Rating	≤1.25Mpa (12.5Bar)	Overall Size	465*180*275mm
Port Size	G1/4(1pc) G1/2(3pc) G3/8(1pc)		
Recommended Application: Mechanical equipment, automation industry, and other industries for storing various gases.			

VBAT-20L

Capacity	20L	Material	304stainless steel
Mounting Dimensions	400*100mm	Mounting Hole Size	Φ13
Pressure Rating	≤1.25Mpa (12.5Bar)	Overall Size	680*204*299mm
Port Size	G1/4(1pc) G1/2(4pc)		
Recommended Application: Mechanical equipment, automation industry, and other industries for storing various gases.			

VBAT-40L

Capacity	40L	Material	304stainless steel
Mounting Dimensions	500*150mm	Mounting Hole Size	Φ13
Pressure Rating	≤1.25Mpa (12.5Bar)	Including Port Size	855*250*353mm
Port Size	G1/4(1pc) G1/2(4pc)		
Recommended Application: Mechanical equipment, automation industry, and other industries for storing various gases.			

VBAT-05L

Capacity	5L	Material	Q235B
Mounting Dimensions	200*95mm	Mounting Hole Size	Φ11
Pressure Rating	≤1.25Mpa (12.5Bar)	Overall Size	360*160*250mm
Port Size	G1/4(1pc) G1/2(3pc) G3/8(1pc)		
Recommended Application: Mechanical equipment, automation industry, and other industries for storing various gases.			

**VBAT-10L**

Capacity	10L	Material	Q235B
Mounting Dimensions	310*120mm	Mounting Hole Size	Φ11
Pressure Rating	≤1.25Mpa (12.5Bar)	Overall Size	460*180*285mm
Port Size	G1/4(1pc) G1/2(3pc) G3/8(1pc)		
Recommended Application: Mechanical equipment, automation industry, and other industries for storing various gases.			

HIGH-PRESSURE VBAT-10L

Capacity	10L	Material	Q235B
Mounting Dimensions	310*120mm	Mounting Hole Size	Φ11
Pressure Rating	≤2.0Mpa（20Bar）	Overall Size	462*180*285mm
Port Size	G1/4(1pc) G1/2(3pc) G3/8(1pc)		
Recommended Application: Mechanical equipment, automation industry, and other industries for storing various gases.			

VBAT-20L

Capacity	20L	Material	Q235B
Mounting Dimensions	400*100mm	Mounting Hole Size	Φ13
Pressure Rating	≤1.25Mpa (12.5Bar)	Overall Size	680*200*303mm
Port Size	G1/4(1pc) G1/2(4pc)		
Recommended Application: Mechanical equipment, automation industry, and other industries for storing various gases.			

HIGH-PRESSURE VBAT-20L

Capacity	20L	Material	Q235B
Mounting Dimensions	340*100mm	Mounting Hole Size	Φ13
Pressure Rating	≤2.0Mpa（20Bar）	Overall Size	622*219*325mm
Port Size	G1/4(1pc) G1/2(4pc)		
Recommended Application: Mechanical equipment, automation industry, and other industries for storing various gases.			

VBAT-40L

Capacity	40L	Material	Q235B
Mounting Dimensions	500*150mm	Mounting Hole Size	Φ13
Pressure Rating	≤1.25Mpa (12.5Bar)	Overall Size	855*250*353mm
Port Size	G1/4(1pc) G1/2(4pc)		
Recommended Application: Mechanical equipment, automation industry, and other industries for storing various gases.			

BOOSTER VALVE SET

2x Pressure Boost / Stable Performance

The VBA booster valve set is purely pneumatically driven with no power supply required. It uses the piston area differential to locally boost low-pressure compressed air from workshop pipelines, solving insufficient air pressure at individual workstations, making it the most widely adopted solution for localized high-pressure air sources.

- Models VBA10A/20A/40A: Fixed 2× pressure ratio (0.5 MPa inlet pressure yields a maximum outlet pressure of 1.0 MPa).
- Model VBA11A: Adjustable 2~4× pressure ratio for higher maximum output pressure. Suffix GN indicates the unit comes standard with dual pressure gauges (inlet + outlet) and a muffler, the most common standard configuration.

1. No electrical power required, applicable in explosion-proof environments with zero wiring modification costs.
2. Localized pressure boosting eliminates the need to replace the entire air compressor station with high-power air compressors, saving costs and improving energy efficiency.
3. Automatic closed-loop start-stop operation delivers precise pressure stabilization with easy maintenance.



Note: Pictures are for reference only; actual product shall prevail.

**VBA10A-02GN+VBAT-5L Carbon Steel Air Tank**

Pressure Ratio	1:2	Set Pressure	0.2-2.0Mpa
Output Flow	230L/min	Port Size	RC1/4
Gauge Port Size	RC1/8	Overall Size	360*160*365mm
Pressure Rating	≤1.25Mpa (12.5Bar)		
Recommended Application: Mechanical equipment, automation industry, and other industries for storing various gases.			


VBA10A-02GN+VBAT-10L Carbon Steel Air Tank

Pressure Ratio	1:2	Set Pressure	0.2-2.0Mpa
Output Flow	230L/min	Port Size	RC1/4
Gauge Port Size	RC1/8	Overall Size	460*180*385mm
Pressure Rating	≤1.25Mpa (12.5Bar)		

Recommended Application: Mechanical equipment, automation industry, and other industries for storing various gases.


VBA10A-02GN+VBAT-10L High Pressure Air Tank

Pressure Ratio	1:2	Set Pressure	0.2-2.0Mpa
Output Flow	230L/min	Port Size	RC1/4
Gauge Port Size	RC1/8	Overall Size	460*180*385mm
Pressure Rating	≤2.0Mpa (20Bar)		

Recommended Application: Mechanical equipment, automation industry, and other industries for storing various gases.


VBA20A-03GN+VBAT-10L Carbon Steel Air Tank

Pressure Ratio	1:2	Set Pressure	0.2-1.0Mpa
Output Flow	1000L/min	Port Size	RC3/8
Gauge Port Size	RC1/8	Overall Size	550*250*480mm
Pressure Rating	≤1.25Mpa (12.5Bar)		

Recommended Application: Mechanical equipment, automation industry, and other industries for storing various gases.


VBA20A-03GN+VBAT-20L Carbon Steel Air Tank

Pressure Ratio	1:2	Set Pressure	0.2-1.0Mpa
Output Flow	1000L/min	Port Size	RC3/8
Gauge Port Size	RC1/8	Overall Size	685*210*475mm
Pressure Rating	≤1.25Mpa (12.5Bar)		

Recommended Application: Mechanical equipment, automation industry, and other industries for storing various gases.


VBA20A-03GN+VBAT-20L High Pressure Air Tank

Pressure Ratio	1:2	Set Pressure	0.2-2.0Mpa
Output Flow	1000L/min	Port Size	RC3/8
Gauge Port Size	RC1/8	Overall Size	685*210*475mm
Pressure Rating	≤2.0Mpa (20Bar)		

Recommended Application: Mechanical equipment, automation industry, and other industries for storing various gases.


VBA40A-04GN+VBAT-20L Carbon Steel Air Tank

Pressure Ratio	1:2	Set Pressure	0.2-1.0Mpa
Output Flow	1900L/min	Port Size	RC1/2
Gauge Port Size	RC1/8	Overall Size	740*225*540mm
Pressure Rating	≤1.25Mpa (12.5Bar)		

Recommended Application: Mechanical equipment, automation industry, and other industries for storing various gases.


VBA40A-04GN+VBAT-40L Carbon Steel Air Tank

Pressure Ratio	1:2	Set Pressure	0.2-1.0Mpa
Output Flow	1900L/min	Port Size	RC1/2
Gauge Port Size	RC1/8	Overall Size	860*280*580mm
Pressure Rating	≤1.25Mpa (12.5Bar)		

Recommended Application: Mechanical equipment, automation industry, and other industries for storing various gases.


VBA43A-04GN+VBAT-20L Carbon Steel Air Tank

Pressure Ratio	1:2	Set Pressure	0.2-1.6Mpa
Output Flow	1600L/min	Port Size	RC1/2
Gauge Port Size	RC1/8	Overall Size	740*225*540mm
Pressure Rating	≤1.25Mpa (12.5Bar)		

Recommended Application: Mechanical equipment, automation industry, and other industries for storing various gases.


VBA43A-04GN+VBAT-40L Carbon Steel Air Tank

Pressure Ratio	1:2	Set Pressure	0.2-1.6Mpa
Output Flow	1600L/min	Port Size	RC1/2
Gauge Port Size	RC1/8	Overall Size	855*280*580mm
Pressure Rating	≤1.25Mpa (12.5Bar)		

Recommended Application: Mechanical equipment, automation industry, and other industries for storing various gases.


VBA10A-02GN+VBAT-5L Stainless Steel Air Tank

Pressure Ratio	1:2	Set Pressure	0.2-2.0Mpa
Output Flow	230L/min	Port Size	RC1/4
Gauge Port Size	RC1/8	Overall Size	365*159*369mm
Pressure Rating	≤1.25Mpa (12.5Bar)		

Recommended Application: Mechanical equipment, automation industry, and other industries for storing various gases.



VBA10A-02GN+VBAT-10L Stainless Steel Air Tank

Pressure Ratio	1:2	Set Pressure	0.2-2.0Mpa
Output Flow	230L/min	Port Size	RC1/4
Gauge Port Size	RC1/8	Overall Size	465*180*388mm
Pressure Rating	≤1.25Mpa (12.5Bar)		
Recommended Application: Mechanical equipment, automation industry, and other industries for storing various gases.			



VBA20A-03GN+VBAT-20L Stainless Steel Air Tank

Pressure Ratio	1:2	Set Pressure	0.2-1.0Mpa
Output Flow	1000L/min	Port Size	RC3/8
Gauge Port Size	RC1/8	Overall Size	680*204*475mm
Pressure Rating	≤1.25Mpa (12.5Bar)		
Recommended Application: Mechanical equipment, automation industry, and other industries for storing various gases.			



VBA40A-04GN+VBAT-40L Stainless Steel Air Tank

Pressure Ratio	1:2	Set Pressure	0.2-1.0Mpa
Output Flow	1900L/min	Port Size	RC1/2
Gauge Port Size	RC1/8	Overall Size	860*280*580mm
Pressure Rating	≤1.25Mpa (12.5Bar)		
Recommended Application: Mechanical equipment, automation industry, and other industries for storing various gases.			



SMC VBA40A-04GN+VBAT-40L Carbon Steel Air Tank

Pressure Ratio	1:2	Set Pressure	0.2-1.0Mpa
Output Flow	1900L/min	Port Size	RC1/2
Gauge Port Size	RC1/8	Overall Size	860*280*580mm
Pressure Rating	≤1.25Mpa (12.5Bar)		
Recommended Application: Mechanical equipment, automation industry, and other industries for storing various gases.			



SMC VBA43A-04GN+VBAT-40L Carbon Steel Air Tank

Pressure Ratio	1:2	Set Pressure	0.2-1.6Mpa
Output Flow	1600L/min	Port Size	RC1/2
Gauge Port Size	RC1/8	Overall Size	860*280*580mm
Pressure Rating	≤1.25Mpa (12.5Bar)		
Recommended Application: Mechanical equipment, automation industry, and other industries for storing various gases.			

AIR BOOSTER VALVE SET

Multi-stage pressure boosting
/ No power required / Stable performance

The air pressure booster pump (also called pressure booster valve or air amplifier) is fully pneumatic and electricity-free. It uses plant compressed air as drive gas and boosts pressure via piston area differential. Available in 2× and 4× boost ratios for local high-pressure demand. Instead of upgrading the whole factory air compressor system, it solves insufficient clamping force, air blow-off, leakage test, pneumatic brake pressure shortage at lower cost. Widely applied in automation fixtures, CNC balance cylinders, long pipeline pressure compensation and more.



Note: Pictures are for reference only; actual product shall prevail.



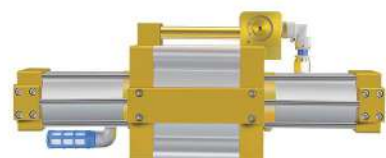
YCP-10D

Power Source	Compressed Air	Pressure Ratio	10:1
Min. Inlet Pressure (PI)	5bar	Max. Outlet Pressure (PO)	85bar
Bore Size	Φ160mm	Inlet Port Size	ZG3/8
Weight	20kg	Outlet Port Size	ZG3/8
Mounting Dimensions	228*120*Φ9	Drive Port Size	ZG1/2
Maximum Flow Rate L/min@PA=6ar		372@PI=20bar	



YCP-40D

Power Source	Compressed Air	Pressure Ratio	100:1
Min. Inlet Pressure (PI)	0.1bar	Max. Outlet Pressure (PO)	800bar
Bore Size	Φ160mm	Inlet Port Size	ZG3/8
Weight	26kg	Outlet Port Size	ZG1/4
Mounting Dimensions	246*120*Φ9	Drive Port Size	ZG1/2
Maximum Flow Rate L/min@PA=6ar		63@PI=8bar	



YCP-100D

Power Source	Compressed Air	Pressure Ratio	100:1
Min. Inlet Pressure (PI)	35bar	Max. Outlet Pressure (PO)	835bar
Bore Size	Φ160mm	Inlet Port Size	ZG1/4
Weight	24kg	Outlet Port Size	ZG1/4
Mounting Dimensions	245*120*Φ9	Drive Port Size	ZG1/2
Maximum Flow Rate L/min@PA=6ar		74@PI=40bar	



YCP-160D (Nitrogen / Oxygen Booster Valve)

Power Source	Compressed Air	Pressure Ratio	1:1
Drive Pressure	3~8bar	Maximum Flow Rate L/min @PA=5ar @PI=3ar	500NL/min
Bore Size	Φ160mm	Inlet Port Size	ZG1/2
Outlet Pressure	0.9Mpa	Outlet Port Size	ZG1/2
Mounting Dimensions	360*120*Φ9	Drive Port Size	ZG1/2



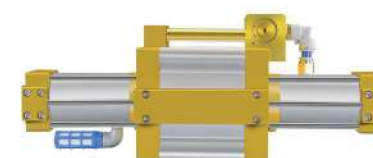
YCP-10S

Power Source	Compressed Air	Pressure Ratio	10:1
Min. Inlet Pressure (PI)	5.5bar	Max. Outlet Pressure (PO)	80bar
Bore Size	Φ160mm	Inlet Port Size	ZG3/8
Weight	15kg	Outlet Port Size	ZG3/8
Mounting Dimensions	228*120*Φ9	Drive Port Size	ZG1/2
Maximum Flow Rate L/min@PA=6ar		196@PI=20bar	



YCP-100S

Power Source	Compressed Air	Pressure Ratio	100:1
Min. Inlet Pressure (PI)	35bar	Max. Outlet Pressure (PO)	800bar
Bore Size	Φ160mm	Inlet Port Size	ZG1/4
Weight	16.5kg	Outlet Port Size	ZG1/4
Mounting Dimensions	245*120*Φ9	Drive Port Size	ZG1/2
Maximum Flow Rate L/min@PA=6ar		45@PI=40bar	



YCP-100W

Power Source	Compressed Air	Pressure Ratio	100:1
Min. Inlet Pressure (PI)	0.1bar	Max. Outlet Pressure (PO)	800bar
Bore Size	Φ160mm	Inlet Port Size	ZG3/8
Weight	26kg	Outlet Port Size	ZG1/4
Mounting Dimensions	245*120*Φ9	Drive Port Size	ZG1/2
Maximum Flow Rate L/min@PA=6ar		63@PI=8bar	



YCP-03

Power Source	Compressed Air	Pressure Ratio	3:1
Operating Temperature	-10~60 °c	Drive Pressure	1~8bar
Bore Size	Φ100mm	Inlet Port Size	ZG3/8
Outlet Port Size	ZG3/8	Drive Port Size	ZG3/8
Maximum Flow Rate L/min@PA=6ar		400@PA=6bar	



YCP-05

Power Source	Compressed Air	Pressure Ratio	5:1
Operating Temperature	-10~60 °c	Drive Pressure	1~8bar
Bore Size	Φ160mm	Inlet Port Size	ZG1/2
Outlet Port Size	ZG1/2	Drive Port Size	ZG1/2
Maximum Flow Rate L/min@PA=6ar		380@PA=6bar	



YCP-7.5

Power Source	Compressed Air	Pressure Ratio	7.5:1
Operating Temperature	-10~60 °c	Drive Pressure	3~8bar
Bore Size	Φ160mm	Inlet Port Size	ZG1/2
Outlet Port Size	ZG1/2	Drive Port Size	ZG1/2
Maximum Flow Rate L/min@PA=5ar		258@PA=5bar	

**YCP-03-G**

Tank Volume	20L	Pressure Ratio	3:1
Drive Pressure	1-8bar	Overall Weight	33Kg
Bore Size	Φ100mm	Outlet Port Size	ZG1/2
Tank Working Pressure	3.6Mpa	Drive Port Size	ZG1/2
Maximum Flow Rate L/min@PA=6bar		420@PA=6bar	

**YCP-5-G**

Tank Volume	20L	Pressure Ratio	5:1
Drive Pressure	3-8bar	Overall Weight	40Kg
Bore Size	Φ160mm	Outlet Port Size	ZG1/2
Tank Working Pressure	3.6Mpa	Drive Port Size	ZG1/2
Maximum Flow Rate L/min@PA=6bar		380@PA=6bar	

**YCP-7.5-G**

Tank Volume	20L	Pressure Ratio	7.5:1
Drive Pressure	3-8bar	Boost Inlet Port	ZG1/2
Bore Size	Φ160mm	Outlet Port Size	ZG1/2
Tank Working Pressure	3.6Mpa	Drive Port Size	ZG1/2
Maximum Flow Rate L/min@PA=6bar		220@PA=6bar	

**YCJ-03**

Power Source	Compressed Air	Pressure Ratio	3:1
Minimum Inlet Pressure	2bar	Max. Outlet Pressure	24.98bar
Inlet Port Size	PT3/8	Outlet Port Size	PT3/8
Drive Port Size	G3/8	Maximum Flow Rate	420NL/min

**YCJ-03-G**

Pressure Ratio	3:1	Power supply	24V/2A
Minimum Inlet Pressure	1bar	Max. Outlet Pressure	24.98bar
Inlet Port Size	PT3/8	Outlet Port Size	PT3/8
Air tank capacity	20L	Maximum Flow Rate	420NL/min

**YCJ-05**

Pressure Ratio	5:1	Power Source	Compressed Air
Min. Inlet Gas Pressure	1.7bar	Max. Outlet Pressure	41.5bar
Inlet Port Size	PT3/8	Outlet Port Size	PT3/8
Drive inlet size	G1/2	Maximum Flow Rate	482L/min

**YCJ-05-G**

Pressure Ratio	5:1	Power Supply	24V/2A
Min. Inlet Gas Pressure	1.7bar	Max. Outlet Pressure	41.58bar
Inlet Port Size	PT3/8	Outlet Port Size	PT1/2
Air tank capacity	20L	Maximum Flow Rate	572NL/min

**YCJ-08**

Pressure Ratio	5:1	Power Supply	24V/2A
Min. Inlet Gas Pressure	1.7bar	Max. Outlet Pressure	41.58bar
Inlet Port Size	PT3/8	Outlet Port Size	PT1/2
Drive inlet size	G1/2	Maximum Flow Rate	572NL/min

**YCJ-08-G**

Pressure Ratio	8:1	Power Supply	24V/2A
Min. Inlet Gas Pressure	3.4bar	Max. Outlet Pressure	66.48bar
Inlet Port Size	PT3/8	Outlet Port Size	PT3/8
Air tank capacity	20L	Maximum Flow Rate	362NL/min