



Prona[®]
SINCE 1985
SPRAY GUN
WORLD SPRAY GUN EXPERT



1998 July First Edition
2007 July The 16th Edition
2011 November The 17th Edition
2021 July The 27th Edition



Company Profile

PRONA AIR TOOL MANUFACTURING LIMITED was established in the 1980's of TAIWAN. Prona is a company that specialized in hight-end pneumatic tools and famous for its sophisticated research and development team, advanced machinery and equipments, precise processing technique as well as rigorous quality management. Prona factory is currently located in Fo Shan, Guang Dong with 67890m² of total area and is a sole foreign-invested company.

Prona never prides itself on present achievement, but always keep improving on the current products and technique and continue to develop new products. Our policy is to keep on improving and satisfying our customer's demand to achieve to becoming an internal brand and operating permanently brand and operating permanently, entering in the line of international brand, and operating permanently.

After 30 years of continuous endeavor, our company have created a reputable brand "Prona" which has signature products such as spray gun, pressure tank and double-layers pump. With various patented technologies, Prona products sells to worldwide and is highly praised.

Prona will continue its high standards in human resources and equipments in order to produce high-quality products to bring benefits worldwide.



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Perfect result
comes from outstanding quality

Prona Spray Gun Product Name Explanation

R-71-G15

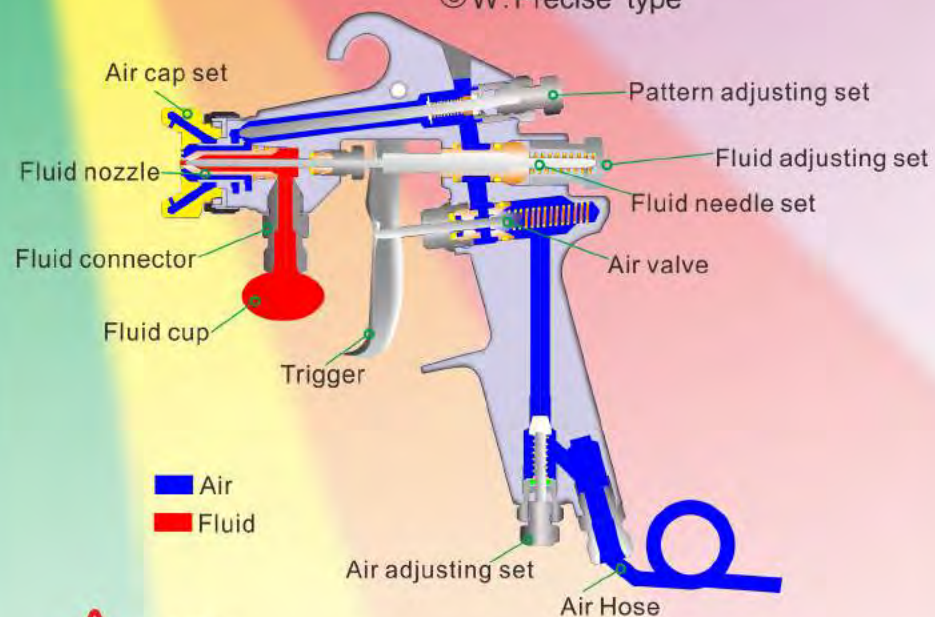
① ② ③ ④

- ① R: Prona Spray Gun
RL: Low-Pressure Spray Gun
- ② 71: Spray Gun Model
- ③ G: Gravity Type of Feed
S: Suction Type of Feed
P: Pressure Type of Feed
- ④ 15: FLUID Nozzle Orifice
ø1.5mm

RAR-101-P08-W

① ② ③ ④ ⑤

- ① R: Prona Spray Gun
RA: Prona Automatic Spray Gun
RAL: Prona Low-Pressure Automatic Spray Gun
RAR: Prona High-Capacity Automatic Spray Gun
RARL: Prona High-Capacity Low-pressure Automatic Spray Gun
- ② 101: Spray Gun Model
- ③ P: Pressure Type of Model
- ④ 08: Nozzle size ø0.8mm
- ⑤ W: Precise type



NOTE

Remove fluid knob before install or dismantle nozzle; pull the trigger to disconnect the needle and nozzle in order to eliminate the risk of the abrasion between them.



Prona[®]
SINCE 1985



RAR-1100

For the detailed sizes of Gun-Body, please refer to page 15.



R-110N

For the detailed sizes of Gun-Body, please refer to page 57.



R-4600N

For the detailed sizes of Gun-Body, please refer to page 66.



RAR-2200-AC

For the detailed sizes of Gun-Body, please refer to page 19.



RAHS-2A

For the detailed sizes of Gun-Body, please refer to page 19.



R-110N-1H

For the detailed sizes of Gun-Body, please refer to page 37.



R-4630

For the detailed sizes of Gun-Body, please refer to page 66.



R-4700AC

For the detailed sizes of Gun-Body, please refer to page 32.



RHS-2A

For the detailed sizes of Gun-Body, please refer to page 71.



R-3200

For the detailed sizes of Gun-Body, please refer to page 38.

**Modern design
High quality**



Functions and Characteristics

- ◆ Both needle and nozzle are made of stainless steel by high precision processing equipment, provide excellent abrasion and corrosion resistance.
- ◆ Fluid passage is made of stainless steel.
- ◆ Air cap undergoes precise abrasion, can provide great atomization stability. -The air pressure at the air cap is lower than 0.7 bar, can effectively reduce spattering and paint consumption.
- ◆ Suitable for applying on robot, automatic spraying machine and production line.

Model	Type of feed	Nozzle size	Air cap	Air pressure	Air consumption	Fluid output	Spray width ±20	Weight
		mm (in)		kg/cm ² (Mpa)	l/min (cfm)	ml/min	mm (in)	g (lbs)
RAL-100(103)(101)-P08(W)	Pressure	0.8(0.031)	E1	2.0-3.0 (0.2-0.29)	430(15.19)	140	200(7.87)	465 (1.03)
RAL-100(103)(101)-P10(W)		1.0(0.039)	E1		430(15.19)	150	200(7.87)	
RAL-100(103)(101)-P12(W)		1.2(0.047)	G2		530(18.73)	350	270(10.62)	
RAL-200(203)-P08(W)	Pressure	0.8(0.031)	G2	2.0-3.0 (0.2-0.29)	530(18.73)	400	300(10.81)	540 (1.19)
RAL-200(203)-P10(W)		1.0(0.039)	G2		500(17.67)	400	300(10.81)	
RAL-200(203)-P12(W)		1.2(0.047)	G2		500(17.67)	500	300(10.81)	

◆RAL-100(101)(103): Spray distance: 200mm(7.87in) Fluid viscosity: 20±1 second/ RV-2. Coating pressure: 0.8kg/cm². Fluid, air and CYL inlet: 1/4 PF/NPF

◆RAL-200(203): Spray distance: 250mm(9.84in) Fluid viscosity: 20±1 second/ RV-2. Coating pressure: 0.8kg/cm². Fluid, air and CYL inlet: 1/4 PF/NPF.

◆For more detailed sizes of spray gun, please refer to page 20.

Coating Precision Adjusting Device
Application NO:ZL 2014 2 0622306. 6

1. Comfortable knob, stepless adjustment

2. The adjustment set can be applied on other automatic spray gun

3. Can accurately show and adjust the fluid output.



Precise Type



RA-4300-(W)



RA-430-(W)

FAN and CAP can be adjusted independently.

FAN and CAP can connect to external adjusting set for easier operation.



Functions and Characteristics

- ◆ The gun body of RA-4300 is made of high strength forged aluminium, no internal porosity, surface preparation for anodizing and sand blasting, wear resistance, easy to clean and maintain.
- ◆ The needle and nozzle of RA-4300 are made of stainless steel, provide excellent abrasion and corrosion resistance.
- ◆ There are two types of RA-4300: HVLP (high volume low pressure) and MP. The air passage designed with multi-holes, can steadily provide air flow, reduce spattering.
- ◆ Air cap is processed by high accuracy turn-milling technology, can steadily provide fine and even atomization. Ideal for leather, furniture and hardware industries.

Model	Type of feed	Nozzle size	Air cap	Air pressure	Air consumption	Fluid output	Spray width ±20	Weight
		mm (in)		kg/cm ² (Mpa)	l/min (cfm)	ml/min	mm (in)	g (lbs)
RA4300(RC)-MP-P08(W)	Pressure	0.8(0.031)	MP	2.0-2.5 (0.2-0.24)	360(12.72)	360	280-400 (11.02-15.75)	550 (1.21)
RA4300(RC)-MP-P11(W)		1.1(0.043)	MP			385		
RA4300(RC)-MP-P12(W)		1.2(0.047)	MP			395		
RA4300(RC)-MP-P13(W)		1.3(0.051)	MP			410		
RA4300(RC)-MP-P14(W)		1.4(0.055)	MP			420		
RA4300(RC)-MP-P15(W)		1.5(0.059)	MP			430		
RA4300(RC)-MP-P18(W)		1.8(0.071)	MP			465		
RA4300(RC)-MP-P20(W)		2.0(0.079)	MP			485		
RA4300(RC)-MP-P22(W)		2.2(0.087)	MP			500		
RA4300(RC)-HVLP-P08(W)	Pressure	0.8(0.031)	HVLP	2.0(0.2)	450(15.9)	260	280-290 (11.02-11.4)	550 (1.21)
RA4300(RC)-HVLP-P11(W)		1.1(0.043)	HVLP			278		
RA4300(RC)-HVLP-P12(W)		1.2(0.047)	HVLP			285		
RA4300(RC)-HVLP-P13(W)		1.3(0.051)	HVLP			393		
RA4300(RC)-HVLP-P14(W)		1.4(0.055)	HVLP			300		
RA4300(RC)-HVLP-P15(W)		1.5(0.059)	HVLP			320		
RA430(RC)-HVLP-P11(W)	Pressure	0.8(0.031)	HVLP	2.0-3.0 (0.2-0.29)	430(15.19)	340	330(13)	550 (1.21)
RA430(RC)-HVLP-P12(W)		1.0(0.039)	HVLP			345	330(13)	
RA430(RC)-HVLP-P13(W)		1.2(0.047)	HVLP			355	340(13.39)	
RA430(RC)-HVLP-P14(W)		1.4(0.055)	HVLP			365	340(13.39)	

◆RA-4300-MP: Spray distance: 250mm(9.84in) Fluid viscosity: 20±1 second/ RV-2. Coating pressure: 0.8kg/cm². Fluid inlet: 3/8 PF/NPF. Air and CYL inlet: 1/4 PF/NPF

◆RA-4300-HVLP / RA-430-HVLP: Spray distance: 200mm(7.87in) Fluid viscosity: 20±1 second/ RV-2. Coating pressure: 0.4-0.6kg/cm². Fluid inlet: 3/8 PF/NPF. Air and CYL inlet: 1/4 PF/NPF

◆For more detail of the product, please refer to page 20.



RA-100R
Circle Dot
Spray Gun



RA-101(W)



RA-200(W)



RA-101C
Circulatory



RA-101-RC(A)
Remote
Spray Gun

FAN
(Ø6XØ8)

Remote Spray Gun
Application NO:ZL 2015 2 0046580. 8

Air CYL

CAP

1/4PF



High-precision
processed air cap



Comfortable
adjusting



Streamline design



RA-103(W)



RA-203(W)

Functions and Characteristics

- ◆ Air pressure can be adjusted between 2.5~3.5 bar. for less paint consumption, fine atomization, high transfer efficiency.
- ◆ Different sizes of needle and air cap are available.
- ◆ Fluid passage, needle and nozzle are made of stainless steel, suitable for spraying water based material.

Model	Type of feed	Nozzle size	Air cap	Air pressure	Air consumption	Fluid output	Spray width ±20	Weight
		ømm(in)		kg/cm ² (Mpa)	l/min(cfm)	ml/min	mm(in)	g(lbs)
RA-100(101)(RC)-P08(W)	Pressure	0.8(0.031)	E2P	2.5-3.0 (0.24-0.29)	270(9.54)	150	190(7.48)	475 (1.05)
RA-100(101)(RC)-P10(W)		1.0(0.039)	E2P		270(9.54)	200	220(8.66)	
RA-100(101)(RC)-P10(W)		1.0(0.039)	E1		90(3.18)	100	140(5.51)	
RA-100(101)(RC)-P13(W)		1.3(0.051)	H2		260(9.19)	250	230(9.06)	
RA-100(101)(RC)-P15(W)		1.5(0.059)	H2		260(9.19)	270	245(9.65)	
RA-100(101)(RC)-P18(W)		1.8(0.071)	N2		190(8.71)	310	230(9.06)	
RA-100(101)-05R(W)	Pressure	0.5(0.020)	05R	2.5-3.0 (0.24-0.29)	50(1.77)	30	40(1.57)	475 (1.05)
RA-100(101)-08R(W)		0.8(0.031)	08R		70(2.83)	40	60(2.36)	
RA-100(101)-10R(W)		1.0(0.039)	08R		80(2.83)	50	75(2.95)	
RA-100(101)-13R(W)		1.3(0.051)	08R		90(3.18)	80	90(3.54)	
RA-100(101)-15R(W)		1.5(0.059)	08R		100(3.53)	100	105(4.13)	
RA-100(101)-18R(W)		1.8(0.071)	18R		120(4.24)	110	95(3.74)	
RA-200(RC)-P12(W)	Pressure	1.2(0.047)	G2P	2.5-3.0 (0.24-0.29)	530(18.73)	500	400(15.75)	550 (1.21)
RA-200(RC)-P15(W)		1.5(0.059)	K2		330(11.66)	270	340(13.39)	
RA-200(RC)-P18(W)		1.8(0.071)	K2		330(11.66)	330	340(13.39)	
RA-200(RC)-P20(W)		2.0(0.079)	R2		360(12.72)	400	320(12.60)	
RA-200(RC)-P25(W)		2.5(0.098)	W2	3.0-3.5 (0.29-0.34)	360(12.72)	500	330(13.00)	
RA-200(RC)-P20ZP(W)		2.0(0.079)	R1Z		500(17.67)	760	370(14.57)	
RA-200(RC)-P25ZP(W)		2.5(0.098)	R1Z		500(17.67)	760	370(14.57)	
RA-203-15R		1.5(0.059)	15R	2.5-3.0 (0.24-0.29)	270(9.54)	335	90(3.54)	530 (1.17)
RA-203-18R		1.8(0.071)	15R		290(10.25)	425	105(4.13)	
RA-203-20R		2.0(0.079)	20R		360(12.72)	470	110(4.33)	
RA-203-25R		2.5(0.098)	25R		360(12.72)	460	110(4.33)	

◆RA-100: Spray distance: 200mm(7.87in) Fluid viscosity: 20±1 second/ RV-2. Coating pressure: 0.8kg/cm².

Fluid, air and CYL inlet: 1/4 PF/NPF

◆RA-200: Spray distance: 250mm(9.84in) Fluid viscosity: 20±1 second/ RV-2. Coating pressure: 0.8kg/cm².

Fluid, air and CYL inlet: 1/4 PF/NPF.

◆For more detail of the product, please refer to page 20.

◆RA-103: Spray distance: 200mm(7.87in) Fluid viscosity: 20±1 second/ RV-2. Coating pressure: 0.8kg/cm².

Fluid, air and CYL inlet: 1/4 PF/NPF

◆RA-203: Spray distance: 250mm(9.84in) Fluid viscosity: 20±1 second/ RV-2. Coating pressure: 0.8kg/cm².

Fluid, air and CYL inlet: 1/4 PF/NPF.

◆For more detail of the product, please refer to page 20.



RA-88



Precise Type

Functions and Characteristics

- ◆ Different size of nozzles and air caps are available.
- ◆ Needle and nozzle are made of heat-treated stainless steel.

Model	Type of feed	Nozzle size	Air cap	Air pressure	Air consumption	Fluid output	Spray width ±20	Weight
		ømm (in)		kg/cm ² (Mpa)	l/min(cfm)	ml/min	mm(in)	g(lbs)
RA-88-P08(W)	Pressure	0.8(0.031)	08P	3.0-3.5 (0.29-0.34)	250(8.83)	200	190(7.48)	537(1.18)
RA-88-P10(W)		1.0(0.039)	10P		300(10.6)	300	240(9.45)	
RA-88-P13(W)		1.3(0.051)	13	2.5-3.0 (0.24-0.29)	200(7.07)	170	170(6.69)	
RA-88-P15(W)		1.5(0.059)	15		240(8.48)	205	190(7.48)	
RA-88-P18(W)		1.8(0.071)	18		250(8.83)	240	210(8.27)	

◆ RA-88 Spray distance: 200mm(7.87in) Fluid viscosity: 20±1 second/ RV-2. Coating pressure: 0.8kg/cm².

Fluid, air and CYL inlet: 1/4 PF/NPF.

◆ For more detailed sizes of gun-body, please refer to page 20.



RA-210-(W)

Model	Type of feed	Nozzle size	Air cap	Air pressure	Air consumption	Fluid output	Spray width ±20	Weight
		ømm (in)		kg/cm ² (Mpa)	l/min(cfm)	ml/min	mm(in)	g(lbs)
RA-210-P12(W)	Pressure	1.2(0.047)	G2P	2.5-3.0 (0.24-0.29)	530(18.73)	500	400(15.75)	700(1.54)
RA-210-P15(W)		1.5(0.059)	K2		330(11.66)	270	340(13.39)	
RA-210-P18(W)		1.8(0.071)	K2		330(11.66)	330	340(13.39)	
RA-210-P20(W)		2.0(0.079)	R2		360(12.72)	400	320(12.60)	
RA-210-P25(W)		2.5(0.098)	W2		360(12.72)	500	330(13.00)	
RA-210-P20ZP(W)		2.0(0.709)	R1Z	3.0-3.5 (0.29-0.34)	500(17.67)	760	370(14.57)	
RA-210-P25ZP(W)		2.5(0.098)	R1Z		500(17.67)	760	370(14.57)	

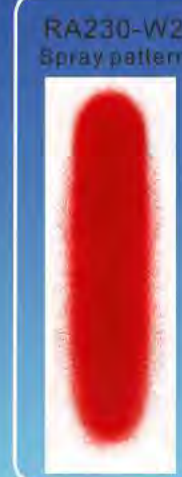
◆ RA-210: Spray distance: 250mm(9.84in) Fluid viscosity: 20±1 second/ RV-2. Coating pressure: 0.8kg/cm².

Fluid inlet: 3/8 PF/NPF. Air and CYL inlet: 1/4 PF/NPF.

◆ For more detail of the product, please refer to page 20.



RA130-E2P
Spray pattern



RA230-W2
Spray pattern



RA-130-(W)



RA-230-(W)

Functions and Characteristics

- ◆ Gun body is made of high strength forged aluminium, no internal porosity,
- ◆ Surface preparation for anodizing and sand blasting, wear resistance, easy to clean and maintain.
- ◆ The needle and nozzle of RA-4300 are made of stainless steel, provide excellent abrasion and corrosion resistance.
- ◆ Air cap is processed by high accuracy turn-milling technology, can steadily provide fine and even atomization. Ideal for leather, furnityre and hardware industries.

Model	Type of feed	Nozzle size	Air cap	Air pressure	Air consumption	Fluid output	Spray width ±20	Weight
		ømm (in)		kg/cm ² (Mpa)	l/min(cfm)	ml/min	mm(in)	g(lbs)
RA-130-P08(W)	Pressure	0.8(0.031)	E2P	2.5-3.0 (0.24-0.29)	270(9.54)	150	190(7.48)	518 (1.14)
RA-130-P10(W)		1.0(0.039)	E2P		270(9.54)	200	220(8.66)	
RA-130-P10(W)		1.0(0.039)	E1		90(3.18)	100	140(5.51)	
RA-130-P13(W)		1.3(0.051)	H2		260(9.19)	250	230(9.06)	
RA-130-P15(W)		1.5(0.059)	H2		260(9.19)	270	245(9.65)	
RA-130-P18(W)		1.8(0.071)	N2		190(8.71)	310	230(9.06)	
RA-230-P12(W)	Pressure	1.2(0.047)	G2P	2.5-3.0 (0.24-0.29)	530(18.73)	500	400(15.75)	560 (1.23)
RA-230-P15(W)		1.5(0.059)	K2		330(11.66)	270	340(13.39)	
RA-230-P18(W)		1.8(0.071)	K2		330(11.66)	330	340(13.39)	
RA-230-P20(W)		2.0(0.079)	R2		360(12.75)	400	320(12.60)	
RA-230-P25(W)		2.5(0.098)	W2	3.0-3.5 (0.29-0.34)	360(12.75)	500	330(13.00)	
RA-230-P20ZP(W)		2.0(0.079)	R1Z		500(17.67)	760	370(14.57)	
RA-230-P25ZP(W)		2.5(0.098)	R1Z		500(17.67)	760	370(14.57)	
RA-230-15R	Pressure	1.5(0.059)	15R	2.5-3.0 (0.24-0.29)	270(9.54)	335	90(3.54)	540 (1.19)
RA-230-18R		1.8(0.071)	15R		290(10.25)	425	105(4.13)	
RA-230-20R		2.0(0.079)	20R		360(12.72)	470	110(4.33)	
RA-230-25R		2.5(0.098)	25R		360(13.07)	460	110(4.33)	

◆ RA-130: Spray distance: 200mm(7.87in) Fluid viscosity: 20±1 second/ RV-2. Coating pressure: 0.8kg/cm².

Fluid, air and CYL inlet: 1/4 PF/NPF

◆ RA-230: Spray distance: 250mm(9.84in) Fluid viscosity: 20±1 second/ RV-2. Coating pressure: 0.8kg/cm².

Fluid, air and CYL inlet: 1/4 PF/NPF.

◆ For more detail of the product, please refer to page 20.



Simplified Middle-Pressure Automatic Spray Gun



RA-60



RA-80

Simplified Low-Pressure Automatic Spray Gun



RAL-60

HVLP Cap



RAL-80

HVLP Cap

Functions and Characteristics

- ◆ The air pressure at the air cap is lower than 0.7 bar, and the air pressure can be adjusted freely between (2.0~3.0bar). Featuring large spray pattern, fine atomization and better adhesion. Reduce spattering and paint consumption.
- ◆ Suitable for spraying furniture, hand tools, and hardware, etc.
- ◆ Different size of nozzles and air caps are available.
- ◆ Both needle and nozzle are made of stainless steel, suitable for spraying water based material.

Model	Type of feed	Nozzle size	Air cap	Air pressure	Air consumption	Fluid output	Spray width ±20	Weight
		ømm (in)		kg/cm ² (Mpa)	l/min(cfm)	ml/min	mm(in)	g(lbs)
RA-60-P08	Pressure	0.8(0.031)	E2P	2.5-3.0 (0.24-0.29)	270(9.54)	150	190(7.48)	260 (0.57)
RA-60-P10		1.0(0.039)	E2P		270(9.54)	200	220(8.66)	
RA-60-P13		1.3(0.051)	H2		260(9.19)	250	230(9.06)	
RA-60-P15		1.5(0.059)	H2		260(9.19)	270	245(9.65)	
RA-60-P18		1.8(0.071)	N2		190(8.71)	310	240(9.45)	
RA-80-P12	Pressure	1.2(0.047)	G2P	2.5-3.0 (0.24-0.29)	530(18.73)	500	400(15.75)	280 (0.61)
RA-80-P15		1.5(0.059)	K2		330(11.66)	270	340(13.39)	
RA-80-P18		1.8(0.071)	K2		330(11.66)	330	340(13.39)	
RA-80-P20		2.0(0.079)	R2		360(12.72)	400	320(12.60)	
RA-80-P25		2.5(0.098)	W2		360(12.72)	500	330(13.00)	
RAL-60-P08	Pressure	0.8(0.031)	E1	2.0-3.0 (0.2-0.29)	430(15.19)	140	200(7.87)	241 (0.53)
RAL-60-P10		1.0(0.039)	E1		430(15.19)	140	200(7.87)	
RAL-60-P12		1.2(0.047)	G2		530(18.73)	300	300(11.81)	
RAL-80-P08	Pressure	0.8(0.031)	G2	2.0-3.0 (0.2-0.29)	500(17.67)	400	300(11.81)	260 (0.57)
RAL-80-P10		1.0(0.039)	G2		500(17.67)	400	300(11.81)	
RAL-80-P12		1.2(0.0472)	G2		500(17.67)	500	300(11.81)	
RAL-80-P30		3.0(0.118)	G2		500(17.67)	800	310(12.20)	

- ◆ RA-60: Spray distance: 200mm(7.87in) Fluid viscosity: 20±1 second/ RV-2. Coating pressure: 0.8kg/cm². Fluid, air and CYL inlet: 1/8 PF/NPF
- ◆ RA-80: Spray distance: 250mm(9.84in) Fluid viscosity: 20±1 second/ RV-2. Coating pressure: 0.8kg/cm². Fluid, air and CYL inlet: 1/8 PF/NPF
- ◆ RAL-60: Spray distance: 200mm(7.87in) Fluid viscosity: 20±1 second/ RV-2. Coating pressure: 0.8kg/cm². Fluid, air and CYL inlet: 1/8 PF/NPF
- ◆ RAL-80: Spray distance: 200mm(7.87in) Fluid viscosity: 20±1 second/ RV-2. Coating pressure: 0.8kg/cm². Fluid, air and CYL inlet: 1/8 PF/NPF
- ◆ For more detail of the product, please refer to page 20.

High-Capacity Low-pressure Environment Protection Automatic Spray Gun



HVLP Cap

RARL-101



HVLP Cap

RARL-200

Precise Type

High-Capacity Middle-pressure Automatic Spray Gun



RAR-101-(W)



RAR-200-(W)



R-100-C21/X6



R-200-C21

Functions and Characteristics

- ◆ Air inlet, spray pattern and fluid output can be adjusted by the remote controller independently. Suitable for applying on robot or automatic spraying equipment.
- ◆ The air pressure at the air cap is lower than 0.7 bar, and the air pressure can be adjusted freely between 2.0~3.0bar. Provide better atomization and adhesion.
- ◆ Featuring large spray pattern and high transfer efficiency.
- ◆ Can effectively reduce spattering and paint consumption.
- ◆ Both needle and nozzle are made of stainless steel, suitable for spraying water based material.

Model	Type of feed	Nozzle size	Air cap	Air pressure	Air consumption	Fluid output	Spray width ±20	Weight
		ømm (in)		kg/cm ² (Mpa)	l/min(cfm)	ml/min	mm(in)	g(lbs)
RARL-101-P08(W)	Pressure	0.8(0.031)	E1	2.0-3.0 (0.2-0.29)	430(15.19)	140	200(7.87)	355 (0.78)
RARL-101-P10(W)		1.0(0.039)	E1		430(15.19)	150	200(7.87)	
RARL-101-P12(W)		1.2(0.049)	G2		430(15.19)	300	200(7.87)	
RARL-200-P08(W)	Pressure	0.8(0.031)	G2	2.0-3.0 (0.2-0.29)	530(18.73)	400	300(11.81)	382 (0.84)
RARL-200-P10(W)		1.0(0.039)	G2		500(17.76)	400	300(11.81)	
RARL-200-P12(W)		1.2(0.047)	G2		500(17.76)	500	300(11.81)	
RAR-101-P08(W)	Pressure	0.8(0.031)	E2P	2.5-3.0 (0.24-0.29)	270(9.54)	150	190(7.48)	365 (0.80)
RAR-101-P08(W)		0.8(0.031)	C21		250(8.83)	150	80(3.15)	
RAR-101-P08(W)		0.8(0.031)	X6		250(8.83)	150	90(3.54)	
RAR-101-P10(W)		1.0(0.039)	E2P		270(9.54)	200	220(8.66)	
RAR-101-P10(W)		1.0(0.039)	E2		145(5.12)	180	200(7.87)	
RAR-101-P10(W)		1.0(0.039)	C21		250(8.83)	200	100(3.94)	
RAR-101-P10(W)		1.0(0.039)	X6		250(8.83)	200	110(4.33)	
RAR-101-P13(W)		1.3(0.051)	H2		260(9.19)	250	230(9.06)	
RAR-101-P15(W)		1.5(0.059)	H2		260(9.19)	270	245(9.65)	
RAR-101-P18(W)		1.8(0.071)	N2		190(6.71)	310	240(9.45)	
RAR-200-P08(W)	Pressure	0.8(0.031)	C21	2.5-3.0 (0.24-0.29)	380(13.43)	300	110(4.33)	392 (0.86)
RAR-200-P10(W)		1.0(0.039)	C21		380(13.43)	350	130(5.12)	
RAR-200-P12(W)		1.2(0.047)	G2P		530(18.73)	500	400(15.75)	
RAR-200-P15(W)		1.5(0.059)	K2		330(11.66)	270	340(13.39)	
RAR-200-P18(W)		1.8(0.071)	K2		330(11.66)	330	340(13.39)	
RAR-200-P20(W)		2.0(0.079)	R2		360(12.72)	400	320(12.60)	
RAR-200-P25(W)		2.5(0.098)	W2		360(12.72)	500	330(13.00)	

- ◆ RARL-101: Spray distance: 200mm(7.87in) Fluid viscosity: 20±1 second/ RV-2. Coating pressure: 0.8kg/cm². Fluid, air and CYL inlet: 1/8 PF/NPF
- ◆ RARL-200: Spray distance: 200mm(7.87in) Fluid viscosity: 20±1 second/ RV-2. Coating pressure: 0.8kg/cm². Fluid, air and CYL inlet: 1/8 PF/NPF
- ◆ RAR-101: Spray distance: 200mm(7.87in) Fluid viscosity: 20±1 second/ RV-2. Coating pressure: 0.8kg/cm². Fluid, air and CYL inlet: 1/8 PF/NPF
- ◆ RAR-200: Spray distance: 250mm(9.84in) Fluid viscosity: 20±1 second/ RV-2. Coating pressure: 0.8kg/cm². Fluid, air and CYL inlet: 1/8 PF/NPF
- ◆ For more detail of the product, please refer to page 21.



Functions and Characteristics

- ◆Adoption the double-adjustment atomization design, the two adjustment set on gun body can adjust air inlet and spray pattern precisely as needed. Provide fine atomization, less air consumption, suitable for small area automatic spraying.
- ◆The gun body is made of high quality aluminum with single molding technology. Featuring high degree of concentricity, no internal porosity, surface anodizing and sand blasting, is easy to clean and maintain.
- ◆Both needle and nozzle are made of stainless steel, provide excellent abrasion resistance.
- ◆**RAR-4300A** The fluid pathway is made of aluminium alloy.
- ◆**RAR-4300A(S)** The fluid pathway is made of stainless steel.

Model	Type of feed	Nozzle size	Air cap	Air pressure	Air consumption	Fluid output	Spray width ±20	Weight
		ømm (in)		kg/cm ² (Mpa)	l/min(cfm)	ml/min	mm(in)	g(lbs)
RA-MA50-F/R1-P04	Pressure	0.4(0.016)	04F 04R1	2.0-2.5 (0.2-0.24)	F:45(1.59)/ R1:60(2.12)	F:25/R1:9 F:58/R1:40	F:32(1.26)/R1:18(0.71) F:45(1.77)/R1:22(0.87)	112 (0.25)
RA-MA50-F/R1-P06		0.6(0.024)	06F 06R1					
RA-MA50-F/R1-P08		0.8(0.031)	08F 08R1					
RA-MA50-F/R1-P10		1.0(0.039)	10F 10R1					
RA-MA50-F/R1-P12		1.2(0.047)	10F 10R1					
RAR-50A-F/R1-P04(W)	Pressure	0.4(0.016)	04F 04R1	2.0-2.5 (0.2-0.24)	F:60(2.12)/ R1:80(2.83)	F:30/R1:11 F:65/R1:50	F:40(1.57)/R1:20(0.79) F:50(1.97)/R1:25(0.98)	395 (0.870)
RAR-50A-F/R1-P06(W)		0.6(0.024)	06F 06R1					
RAR-50A-F/R1-P08(W)		0.8(0.031)	08F 08R1					
RAR-50A-F/R1-P10(W)		1.0(0.039)	10F 10R1					
RAR-50A-F/R1-P12(W)		1.2(0.047)	10F 10R1					
RAR-4300A(S)-P08(W)	Pressure	0.8(0.031)	MP	2.0-2.5 (0.2-0.24)	350-500 (12.37-17.76)	360	100-400 (3.94-15.75)	395 (0.870)
RAR-4300A(S)-P11(W)		1.1(0.043)				385		
RAR-4300A(S)-P12(W)		1.2(0.047)				395		
RAR-4300A(S)-P13(W)		1.3(0.051)				405		
RAR-4300A(S)-P14(W)		1.4(0.055)				410		
RAR-4300A(S)-P15(W)		1.5(0.059)				415		
RAR-4300A(S)-P18(W)		1.8(0.071)				450		
RAR-4300A(S)-P20(W)		2.0(0.079)				480		
RAR-4300A(S)-P22(W)		2.2(0.087)				505		

- ◆**RA-MA50** : Spray Distance: 100-150mm(3.94-5.91in), Fluid viscosity: 20±1 seconds/RV-2. Coating pressure: 0.8kg/cm². CAP/CYL/FAN/FLU: Ø4XØ2.5.
- ◆**RAR-4300A(S)-(W)** : Spray Distance: 200-250mm(7.87-9.84in), Fluid viscosity: 20±1 seconds/RV-2. Coating pressure: 0.8kg/cm². CAP/FAN: Ø8XØ10, CYL: Ø6XØ8, FLU: 1/4PF/NPF.
- ◆**RAR-50A/R1-F** : Spray Distance: 150mm(5.91in), Fluid Viscosity: 20±1 seconds/RV-2. Coating pressure: 0.8kg/cm². Fluid Hose Orifice, atomization Hose Orifice, Fan pattern orifice and Air Hose Orifice: Ø4XØ6mm.
- ◆For more detail of the product, please refer to page 21.



Functions and Characteristics

- ◆Featuring perfect atomization, high transfer efficiency, less air and paint consumption
- ◆Needle and nozzle are made of stainless steel.
- ◆Smooth fluid passage improve washability and the prevention of paint adhesion in air cap, lower maintenance cost, suitable for spraying water based material.
- ◆Dividened-body design is easy to disassembly, adjustment is not required after maintenance.
- ◆High-performance spray gun is ideal for automotive, plastic, woodworking and ceramic industries.

Model	Type of feed	Nozzle size	Air pressure	Air consumption	Fluid output	Spray width ±20	Weight
		ømm (in)	kg/cm ² (Mpa)	l/min(cfm)	ml/min	mm(in)	g(lbs)
RAR-1000(W)-P07	Pressure	0.7(0.028)	2.0(0.20)	280(9.89)	180	180(7.07)	RAR-1000: 545(1.20) RAR-1000-W: 566(1.25)
RAR-1000(W)-P11		1.1(0.043)			200	230(9.06)	
RAR-1000(W)-P14		1.4(0.055)			220	260(10.24)	
RAR-1000(W)-P17		1.7(0.067)			250	290(11.42)	
RAR-1000S(W)-P07	Pressure	0.7(0.028)	2.0(0.20)	280(9.89)	180	180(7.07)	RAR-1000-S: 512(1.13) RAR-1000-SW: 533(1.18)
RAR-1000S(W)-P11		1.1(0.043)			200	230(9.06)	
RAR-1000S(W)-P14		1.4(0.055)			220	260(10.24)	
RAR-1000S(W)-P17		1.7(0.067)			250	290(11.42)	

- ◆**RAR-1000/1000W/1000S/1000SW**: Spray distance: 200mm(7.87in) Fluid viscosity: 20±1 second/ RV-2. Coating pressure: 0.7-1.0kg/cm². F Fluid hose, air hose, atomization hose and fan pattern size: Ø4 x Ø6mm.
- ◆For more detail of the product, please refer to page 21-22.



Functions and Characteristics

- ◆ Featuring perfect atomization, high transfer efficiency, less air and paint consumption
- ◆ Needle and nozzle are made of stainless steel.
- ◆ Smooth fluid passage improve washability and the prevention of paint adhesion in air cap, lower maintenance cost, suitable for spraying water based material.
- ◆ Dividened-body design is easy to disassembly, adjustment is not required after maintenance.
- ◆ High-performance spray gun is ideal for automotive, plastic, woodworking and ceramic industries.

Model	Type of feed	Nozzle size	Air pressure		Air consumption	Fluid output	Spray width ±20	Weight
		ømm (in)	kg/cm ² (Mpa)		l/min(cfm)	ml/min	mm(in)	g(lbs)
RAR-1100-P07	Pressure	0.7(0.028)	CAP: 1.5(0.15)	FAN: 2.0(0.2)	280(9.89)	170	185(7.28)	393(0.87)
RAR-1100-P11		1.1(0.043)				195	235(9.25)	
RAR-1100-P14		1.4(0.055)				215	260(10.24)	
RAR-1100-P17		1.7(0.067)				245	290(11.42)	
RAR-2000-P07(W)	Pressure	0.7(0.028)	2.0(0.20)		280(9.89)	180	180(7.07)	611(1.35)
RAR-2000-P11(W)		1.1(0.043)				200	230(9.06)	
RAR-2000-P14(W)		1.4(0.055)				220	260(10.24)	
RAR-2000-P17(W)		1.7(0.067)				250	290(11.42)	
RAR-3000-P07(W)	Pressure	0.7(0.028)	2.0(0.20)		280(9.89)	180	180(7.07)	705(1.55)
RAR-3000-P11(W)		1.1(0.043)				200	230(9.06)	
RAR-3000-P14(W)		1.4(0.055)				220	260(10.24)	
RAR-3000-P17(W)		1.7(0.067)				250	290(11.42)	

◆ RAR-1100/2000/3000: Spray distance: 200mm(7.87in) Fluid viscosity: 20±1 second/ RV-2. Coating pressure: 0.7-1.0kg/cm². F Fluid hose, air hose, atomization hose and fan pattern size: ø4 x ø6mm.

◆ For more detail of the product, please refer to page 22.

1. Air cap is processed with single molding technology, provide fine and even atomization.

2. The gun body is made of high quality aluminum with single molding technology. Featuring high degree of concentricity, provide perfect wear resistance.

3. Can adjust accurately by using the adjusting set.

4. Apply double fluid connector and fluid recycle design.

Automatic Spray Gun
Application NO: ZL 2015 2 0229098. 8



Functions and Characteristics

- ◆ Air inlet, spray pattern and fluid output can be adjusted by the remote controller independently. Suitable for applying on robot or automatic spraying equipment. Recirculating holes improve the washability of nozzle.
- ◆ The air pressure can be adjusted freely between 2.0~3.0bar. Provide better atomization and adhesion.
- ◆ Featuring large spray pattern and high transfer efficiency.
- ◆ Can effectively reduce spattering and paint consumption.
- ◆ Different size of nozzles and air caps are available.
- ◆ Both needle and nozzle are made of stainless steel, suitable for spraying water based material.

Model	Type of feed	Nozzle size	Air cap	Air pressure	Air consumption	Fluid output	Spray width ±20	Weight
		ømm (in)		kg/cm ² (Mpa)	l/min	ml/min	mm(in)	g(lbs)
RAR-110-P08(W)	Pressure	0.8(0.031)	E2P	2.5-3.0 (0.24-0.29)	270	150	190(7.48)	486 (1.07)
RAR-110-P08(W)		0.8(0.031)	C21		250	150	80(3.15)	
RAR-110-P08(W)		0.8(0.031)	X6		250	150	90(3.54)	
RAR-110-P10(W)		1.0(0.039)	E2P		270	200	220(8.66)	
RAR-110-P10(W)		1.0(0.039)	E2		145	180	200(7.87)	
RAR-110-P10(W)		1.0(0.039)	C21		250	200	100(3.94)	
RAR-110-P10(W)		1.0(0.039)	X6		250	200	110(4.33)	
RAR-110-P13(W)		1.3(0.051)	H2		260	250	230(9.06)	
RAR-110-P15(W)		1.5(0.059)	H2		260	270	245(9.65)	
RAR-110-P18(W)		1.8(0.071)	N2		190	310	240(9.45)	
RAR-210-P08(W)	Pressure	0.8(0.031)	C21	2.5-3.0 (0.24-0.29)	380	300	110(4.33)	505 (1.11)
RAR-210-P10(W)		1.0(0.039)	C21		380	350	130(5.12)	
RAR-210-P12(W)		1.2(0.047)	G2P		530	500	400(15.75)	
RAR-210-P15(W)		1.5(0.059)	K2		330	270	340(13.39)	
RAR-210-P18(W)		1.8(0.071)	K2		330	330	340(13.39)	
RAR-210-P20(W)		2.0(0.079)	R2		360	400	320(12.60)	
RAR-210-P25(W)		2.5(0.098)	W2		360	500	330(13.00)	

◆ RAR-110: Spray distance: 200mm(7.87in). Fluid Viscosity: 20±1 seconds/ RV-2. Coating Pressure: 0.8kg/cm². Fluid, air and CYL Intake: 1/8 PF/NPF.

◆ RAR-210: Spray distance: 250mm(9.84in). Fluid Viscosity: 20±1 seconds/ RV-2. Coating Pressure: 0.8kg/cm². Fluid, air and CYL Intake: 1/8 PF/NPF.

◆ For more detail of the product, please refer to page 22.



High-capacity Middle-pressure Automatic Spray Gun



Simplified High-Pressure Miniature Automatic Spray Gun



1. Air cap is processed with single molding technology, provide fine and even atomization.

2. The gun body is made of high quality aluminum with single molding technology. Featuring high degree of concentricity, provide perfect wear resistance.

3. Can adjust accurately by using the adjusting set.

4. Apply double fluid connector and fluid recycle design.

RAR-310-(W)

RAR-410-(W)

Automatic Spray Gun

Application NO: ZL 2015 2 0229098. 8

FAN、CYL、CAP can control the air passage independently, apply $\phi 4 \times \phi 6$ air hose.

FLU is the fluid inlet, is made of stainless steel, apply $\phi 4 \times \phi 6$ paint hose.



Functions and Characteristics

- ◆ RA-C1/C2: Gun body made of copper.
- ◆ RA-S1/S2(C)、RA-S1/S1(S): Gun body made of stainless steel.
- ◆ (C): Air cap made of copper.
- ◆ (S): Air cap made of stainless steel.
- ◆ RA-C1/S1: atomizing air (CAP) and piston air (CLY) are in same air path with same connector.
- ◆ RA-C2/S2: atomizing air (CAP) and piston air (CLY) are in different air path with different connector.
- ◆ Different size of nozzles and air caps are available.
- ◆ This product has small volume, is easy to operate.



(S)
stainless steel cap

Model	Type of feed	Nozzle size	Air cap	Air pressure	Air consumption	Fluid output	Spray width ± 20	Weight
		ϕ mm (in)		kg/cm ² (Mpa)	l/min (cfm)	ml/min	mm (in)	g (lbs)
RAR-310-P08(W)	Pressure	0.8(0.031)	E2P	2.5-3.0 (0.24-0.29)	270(9.54)	150	190(7.48)	690 (1.52)
RAR-310-P08(W)		0.8(0.031)	C21		250(8.83)	150	80(3.15)	
RAR-310-P08(W)		0.8(0.031)	X6		250(8.83)	150	90(3.54)	
RAR-310-P10(W)		1.0(0.039)	E2P		270(9.54)	200	220(8.66)	
RAR-310-P10(W)		1.0(0.039)	E2		145(5.12)	180	200(7.87)	
RAR-310-P10(W)		1.0(0.039)	C21		250(8.83)	200	100(3.94)	
RAR-310-P10(W)		1.0(0.039)	X6		250(8.83)	200	110(4.33)	
RAR-310-P13(W)		1.3(0.051)	H2		260(9.19)	250	230(9.06)	
RAR-310-P15(W)		1.5(0.059)	H2		260(9.19)	270	245(9.65)	
RAR-310-P18(W)		1.8(0.071)	N2		190(6.71)	310	240(9.45)	
RAR-410-P08(W)	Pressure	0.8(0.031)	C21	2.5-3.0 (0.24-0.29)	380(13.43)	300	110(4.33)	725 (1.60)
RAR-410-P10(W)		1.0(0.039)	C21		380(13.43)	350	130(5.12)	
RAR-410-P12(W)		1.2(0.047)	G2P		530(18.73)	500	400(15.75)	
RAR-410-P15(W)		1.5(0.059)	K2		330(11.66)	270	340(13.39)	
RAR-410-P18(W)		1.8(0.071)	K2		330(11.66)	330	340(13.39)	
RAR-410-P20(W)		2.0(0.079)	R2		360(12.72)	400	320(12.60)	
RAR-410-P25(W)		2.5(0.098)	W2		360(12.72)	500	330(13.00)	

◆ RAR-310: Spray distance: 200mm(7.87in) Fluid viscosity: 20 ± 1 second/ RV-2. Coating pressure: 0.8kg/cm². Fluid, air and fan pattern hose size: $\phi 4 \times \phi 6$ mm.

◆ RAR-410: Spray distance: 250mm(9.84in) Fluid viscosity: 20 ± 1 second/ RV-2. Coating pressure: 0.8kg/cm². Fluid, air and fan pattern hose size: $\phi 4 \times \phi 6$ mm.

◆ For more detail of the product, please refer to page 22.

Model	Type of feed	Nozzle size	Spray pattern	Air pressure	Air consumption	Water output	Spray width ± 20	Weight
		ϕ mm (in)		kg/cm ² (Mpa)	l/min (cfm)	ml/min	mm (in)	g (lbs)
RA-C1/C2	Pressure	0.5(0.020)	Sector or Round	3.0(0.29)	60(2.12)	60	200(7.87)	RA-C1:280(0.62)
		1.0(0.039)			80(2.83)	250	250(9.84)	RA-C2:300(0.66)
RA-S1/S2		1.3(0.051)			100(3.53)	350	350(13.78)	RA-S1:270(0.60)
		2.0(0.079)			140(4.95)	400	400(15.75)	RA-S2:280(0.62)
RA-C1R/C2R	Pressure	0.5(0.020)	Round	3.0(0.29)	70(2.47)	50	50(1.97)	RA-C1R:280(0.62)
		1.0(0.039)			290(10.25)	100	70(2.76)	RA-C2R:300(0.66)
RA-S1R/S2R		1.3(0.051)			430(15.19)	140	80(3.15)	RA-S1R:270(0.60)
		2.0(0.079)			650(22.97)	180	90(3.54)	RA-S2R:280(0.62)
RA-C1S/C2S	Pressure	0.5(0.020)	Small Round or Filament	3.0(0.29)	60(2.12)	40	18(0.70)	RA-C1S:280(0.62)/RA-C2S:300(0.66)
RA-S1S/S2S		0.5(0.020)			60(2.12)	40	18(0.70)	RA-S1S:270(0.60)/RA-S2S:280(0.62)
RA-C1L/C2L	Pressure	1.3(0.051)	Round	3.0(0.29)	170(6)	50	100(3.94)	RA-C1L:280(0.62)/RA-C2L:300(0.66)
RA-S1L/S2L		2.0(0.079)			340(12.01)	60	120(4.72)	RA-S1L:270(0.60)/RA-S2L:280(0.62)

◆ For models listed above, the spray distance: 200 - 300mm (7.87 - 11.81 in).

◆ For more detail of the product, please refer to page 23.

Miniature Automatic Spray Gun



RA-MC2



RA-M1

Functions and Characteristics

- ◆ Small size, easy operation.

Model	Type of feed	Nozzle size	Spray pattern	Air pressure	Air consumption	Water output	Spray width ± 20	Weight
		ϕ mm (in)		kg/cm ² (Mpa)	l/min (cfm)	ml/min	mm (in)	g (lbs)
RA-MC2	Pressure	0.5(0.02)	Sector	2.0(0.2)	81(2.86)	100	70-90(2.76-3.54)	110(0.24)
		1.0(0.04)				50	100-130(3.94-5.12)	
RA-M1	Pressure	1.0(0.04)	Sector	3.0(0.29)	65(2.3)	100	200(8.87)	115(0.25)

◆ RA-MC-2 Spray distance: 100 - 150mm (3.93-5.90 in).

◆ For more detail of the product, please refer to page 23.

Air-Assisted Automatic Spray Gun



RAR-2200AC

Model	RAR-2200AC
Air Cap	R24 / R124(Spray Width Unadjustable)
Maximum Working Air Pressure	6 bar (87psi)
Usage Fluid Pressure	200 bar(20Mpa , 2900 psi)
Fluid Output	Depending On Tip Size
Maximum Operating Temperature	50 °C
Air Consumption	385 L/min(±10)
Transfer Efficiency	87 (±2 %)
Wetted Parts	Stainless Steel
Fluid Connector	1/4 NPS
Air Connector	1/4 PF
Quick Pipe Coupler	Ø4xØ6
Noise Level	80 dBa (±2)
Spray Distance	200mm
Weight	820g (1.8 lbs)

Functions and Characteristics

- ◆ RAR-2200AC Air-assisted gun is a combination of traditional air spraying and airless spraying technology. It atomizes precisely to produce a stable coating spray surface. It can form a uniform coating surface on the workpiece with high transfer efficiency and fine spraying quality.
- ◆ RAR-2200AC is recommended for spraying : varnishes, lacquers, colours, solvented and water-based paint ,high solid materials paint , is also suitable for one component and two component paint.

Testing conditions: paint pressure=60; viscosity=20 s; air pressure=1.5 bar;
temperature=20 °C; relative humidity=60%

Architecture Spraying Automatic Spray Gun



RAHS-2A

Functions and Characteristics

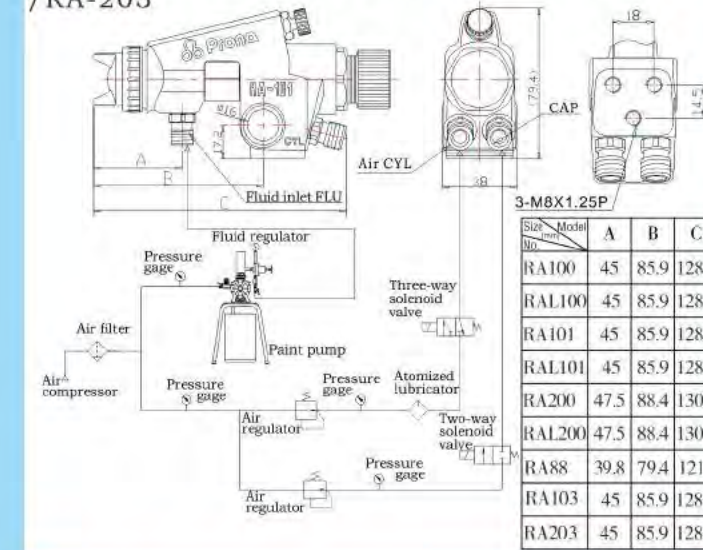
- ◆ The spray gun is specially designed for latex paint, resin, mortar, fine plaster and other coatings.
- ◆ Nozzle and needle are made of stainless steel, suitable for water-based, oil-based or latex coatings.
- ◆ Structure of spray gun is specially designed, with big orifice nozzle available, which can disperse the coating containing particles or high viscosity paint, as well as the spray width can be adjusted.
- ◆ It is commonly used in the walls, road lines coating and bead particles spraying.

Model	Type of feed	噴嘴口徑	Air pressure	Air consumption	Spray width ±20	Cup quantity	Weight
		ømm (in)	kg/cm ² (Mpa)	l/min(cfm)	mm(in)		g(lbs)
RAHS-2A	Pressure Gravity	3.0(0.118)	3.0-3.5 (0.29-0.34)	250(17.2)	80-250 (3.15-9.84)	600 ml	501.8 (1.11)
		4.0(0.157)		300(20.7)		1.5 l	

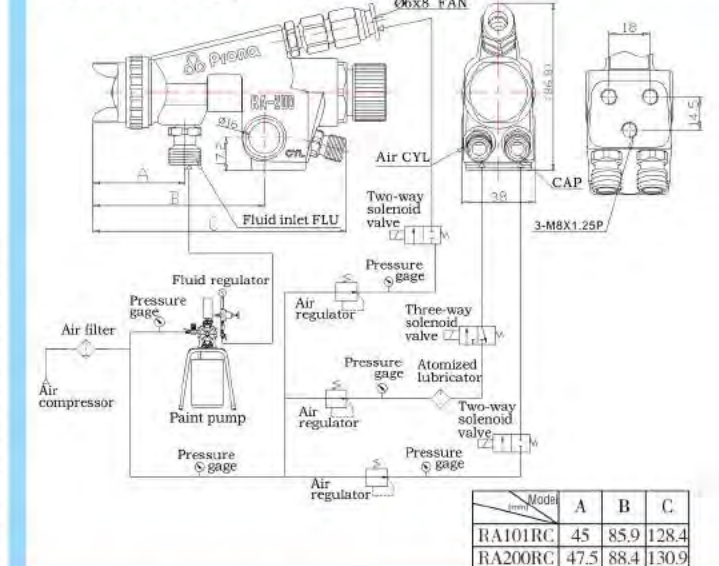
- ◆ RAHS-2A Fluid inlet: 1/2 PF (Male screw). Air inlet: 1/4 PF/NPF. Spraying distance: 200mm (7.87 in). Coating pressure: 0.8-1 kg/cm².
- ◆ Note: due to the special structure of the spray gun, if the command pressure is lower than 2.5kg/cm², the needle may not be fully triggered.
- ◆ The standard tank is 1.5L; Available with 1L, 600ml or without tank.

Circuit Diagram Of Automatic Spray Gun

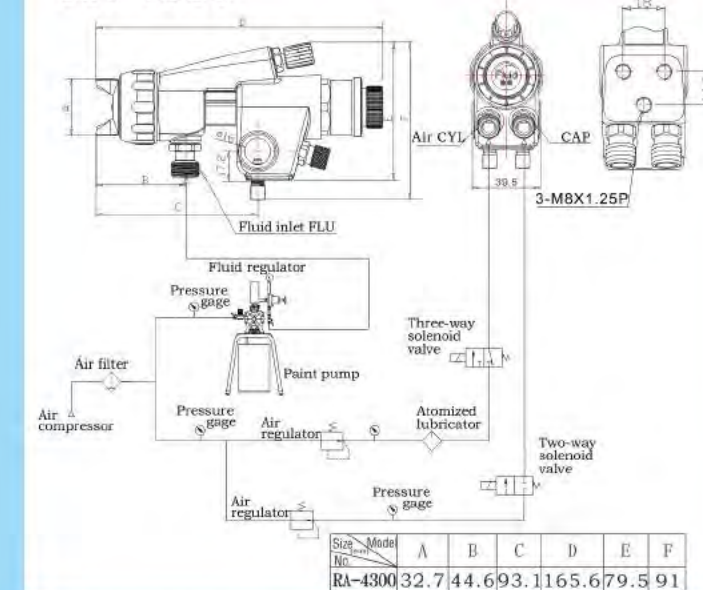
RA(L)-100/RA(L)-101/RA(L)-200/RA-88/RA-103/RA-203



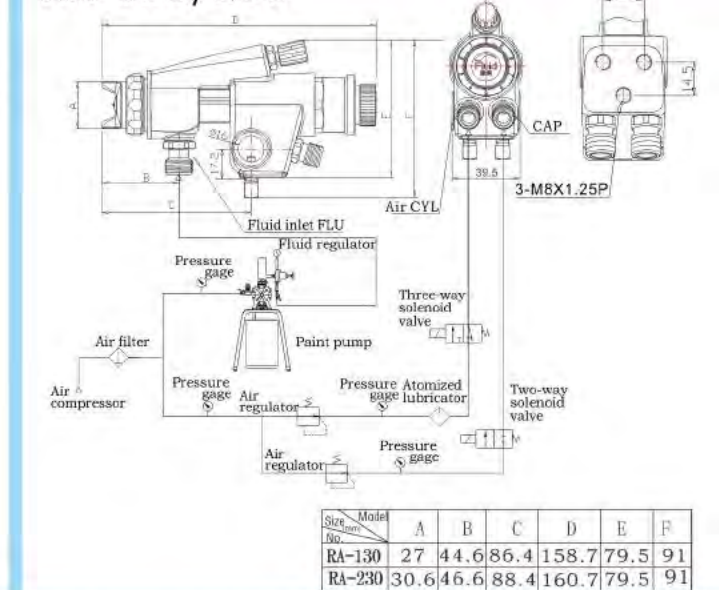
RA-101RC/RA-200RC



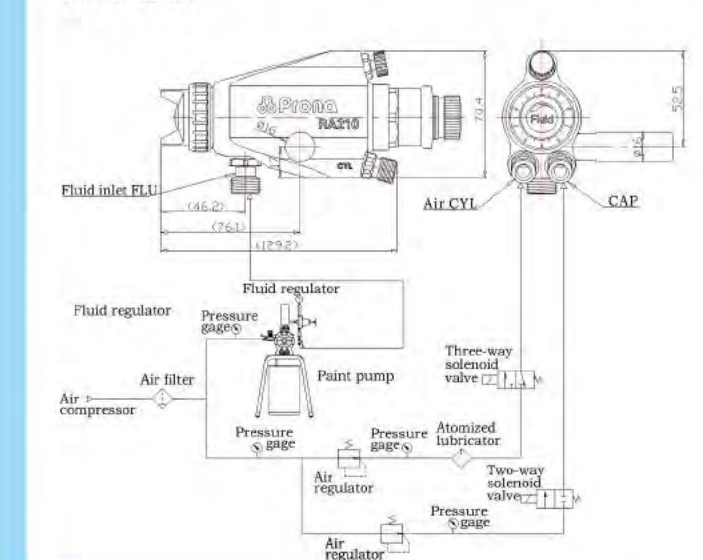
RA-4300



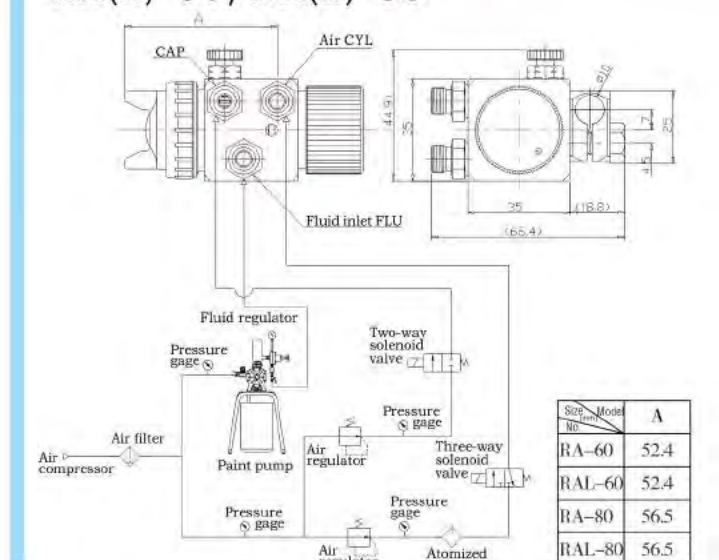
RA-130/230



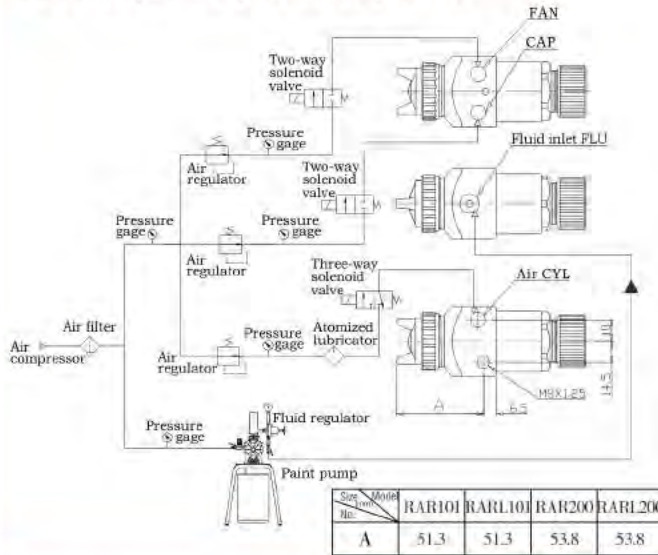
RA-210



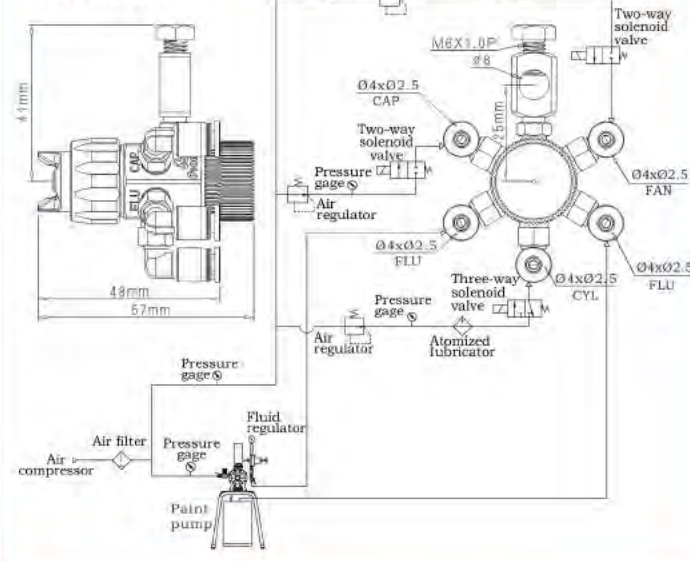
RA(L)-60/RA(L)-80



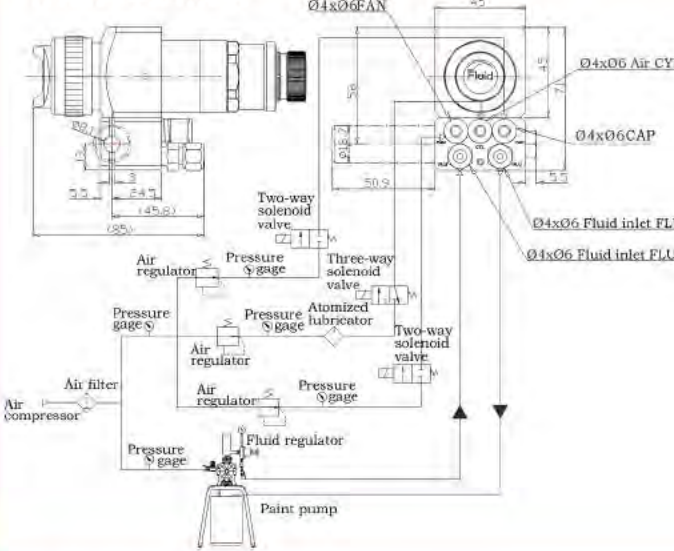
RAR(L)-110/RAR(L)-200



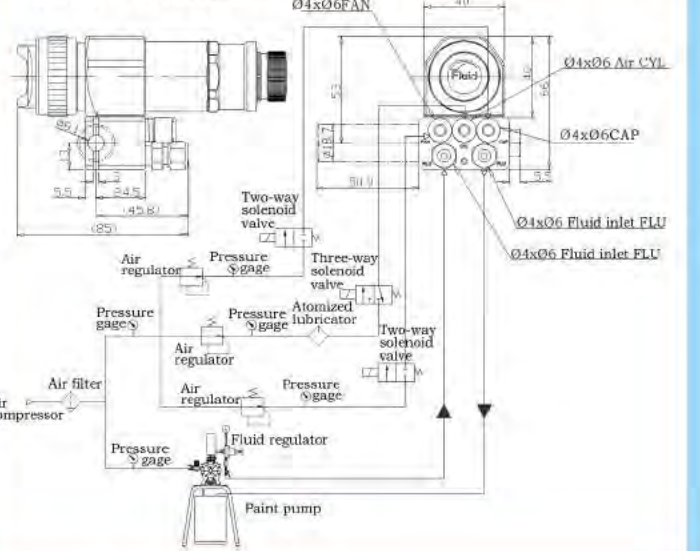
RA-MA50



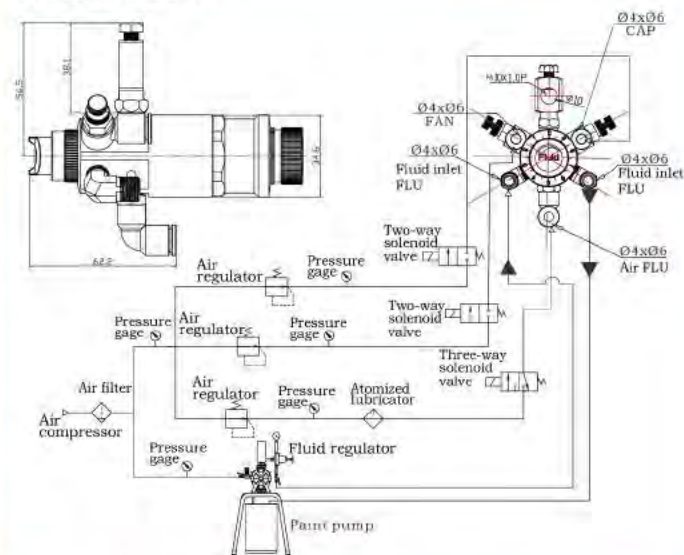
RAR-1000W



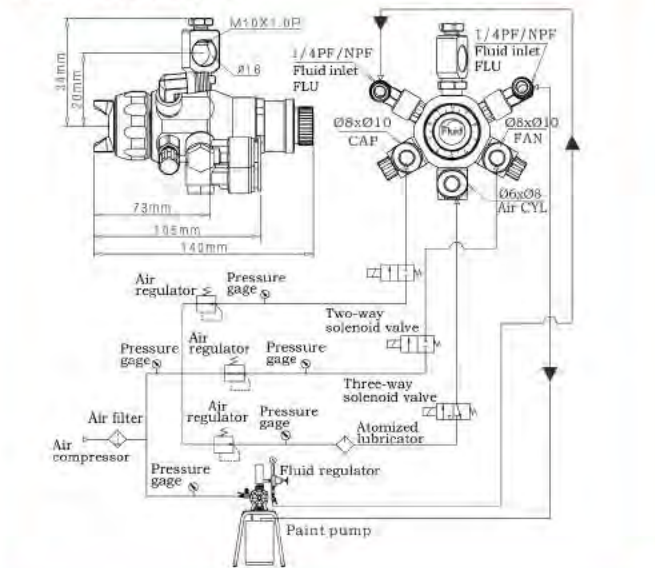
RAR-1000SW



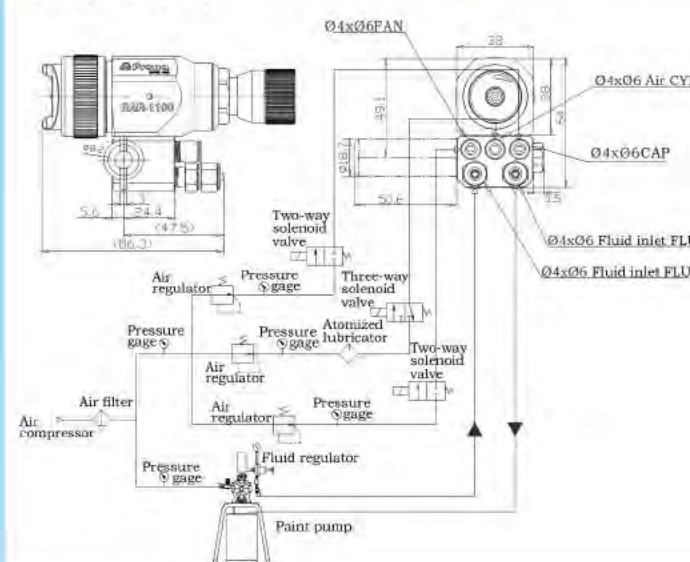
RAR-50A



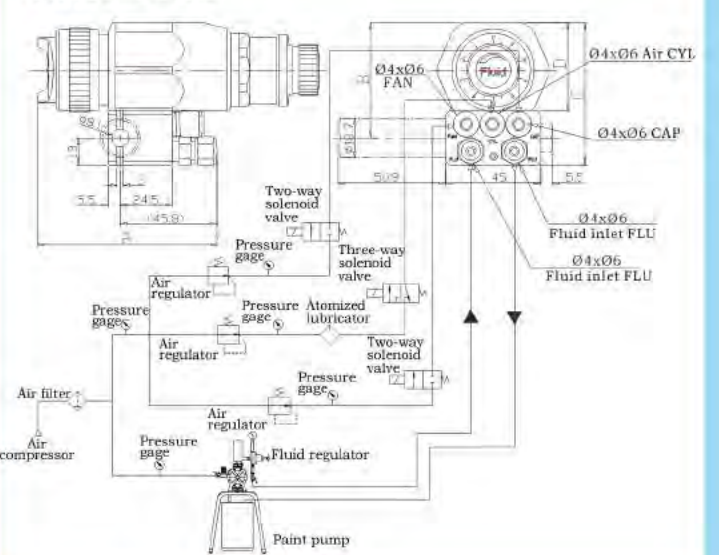
RAR-4300A



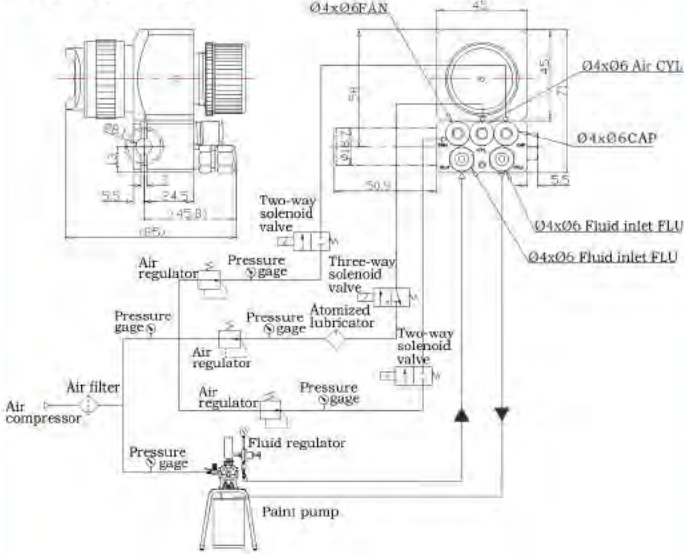
RAR-1100



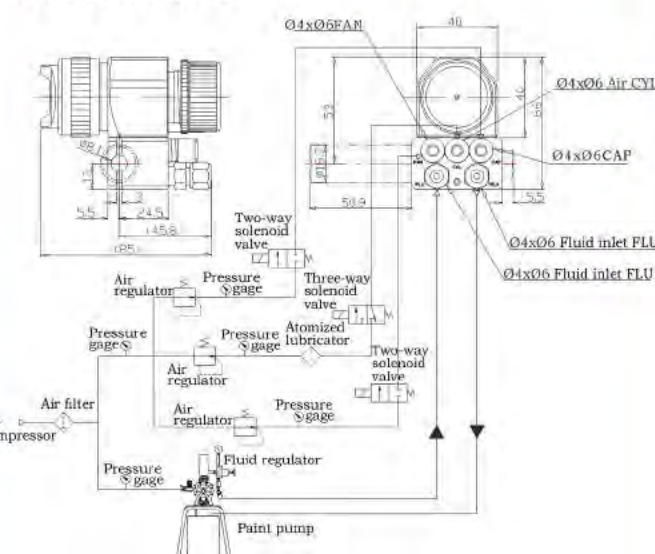
RAR-3000



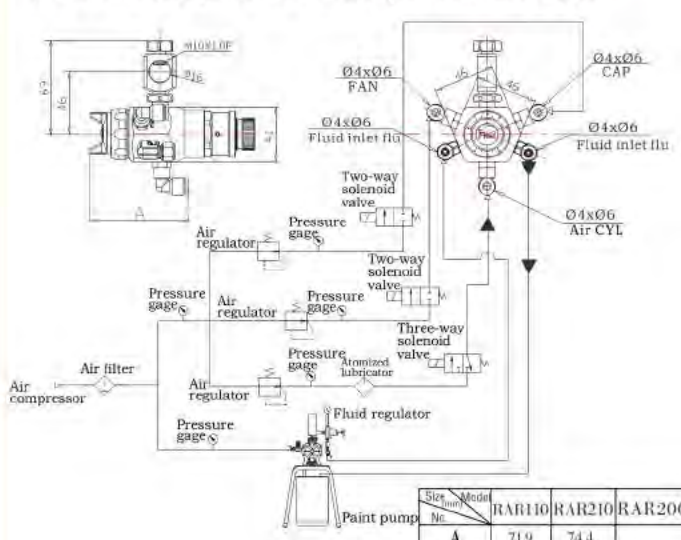
RAR-1000



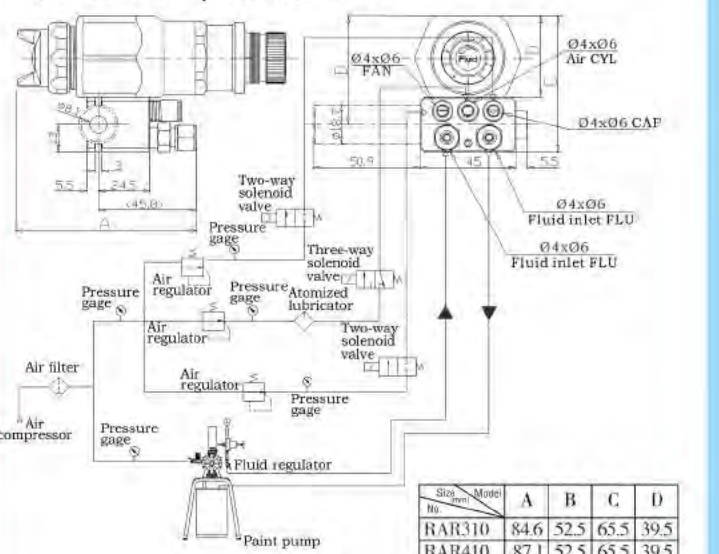
RAR-1000S



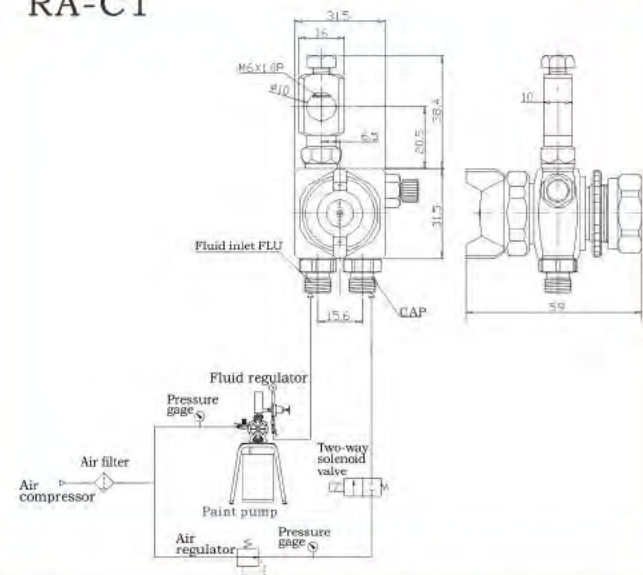
RAR-110/RAR-210/RAR-2000



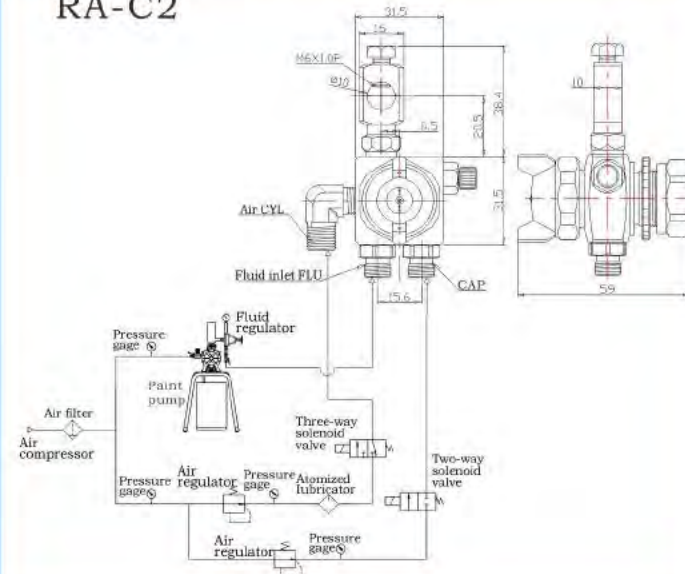
RAR-310/RAR-410



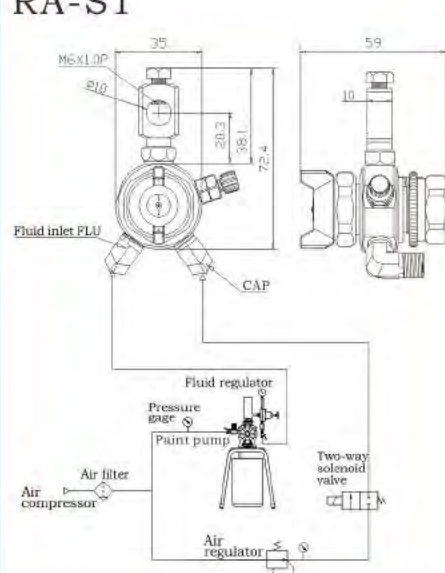
RA-C1



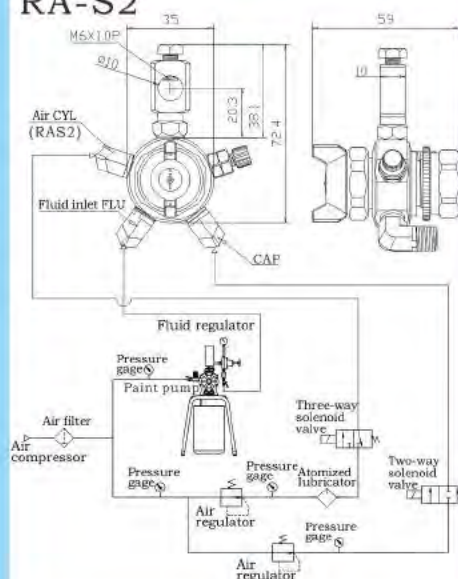
RA-C2



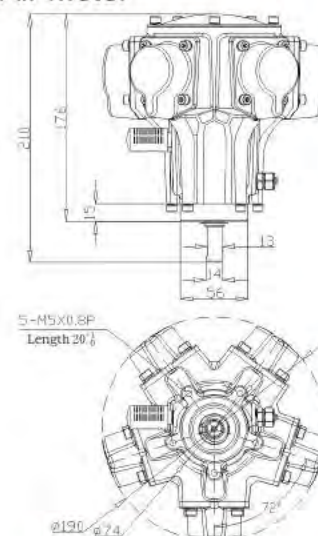
RA-S1



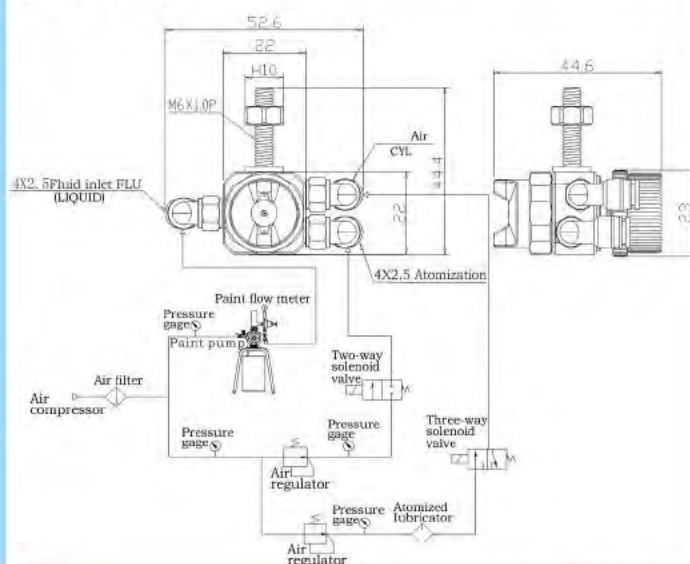
RA-S2



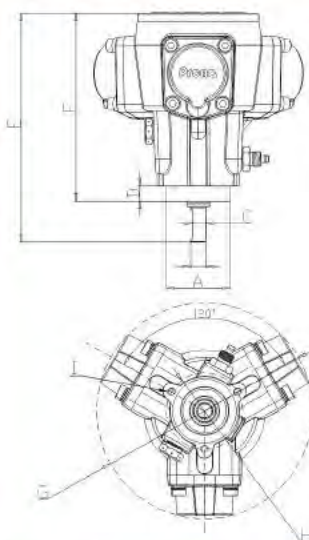
M40/M50 Dimension Diagram
Of Air Motor



RA-MC2



Dimension Diagram Of Air Motor



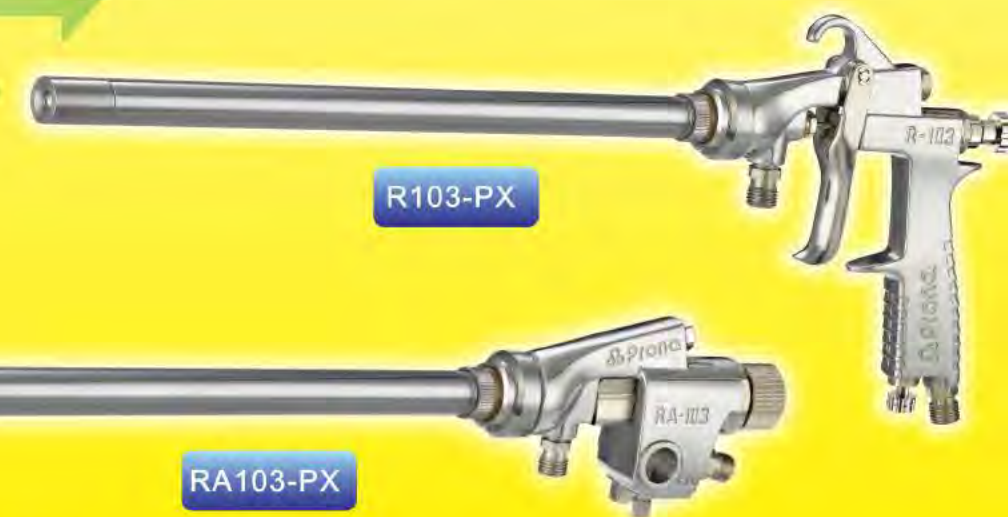
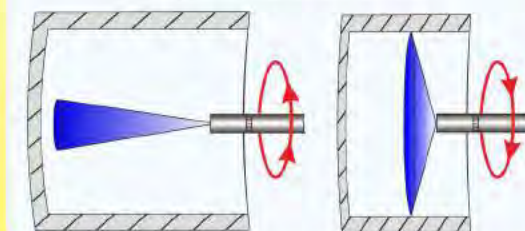
Size No.	M-10	M-20	M-30
A	ø25	ø41.8	ø41.8
B	ø7	ø10	ø10
C	6.5	8.5	8.5
D	6.5	10	10
E	92.4	150.6	150.6
F	75.5	123.6	123.6
G	ø87	ø142	ø142
H	ø33	ø50	ø50
I	3-M3X0.5P Length 10	3-M4X0.7P Length 10	3-M4X0.7P Length 10



Plane and Inner-wall Extension
Spray Gun
Application NO: ZL 2014 2 0622481. 5

1. Air cap and needle are abrasion and corrosion resistance.
2. Rotate the pipe for adjusting the spray pattern.
3. Move the spray gun back and forth for spraying interior surfaces, easy to operate.
4. Suitable for spraying low viscosity paint.

R103-PX / RA-103-PX
Spray atomization effect



Special length can be ordered

Functions and Characteristics

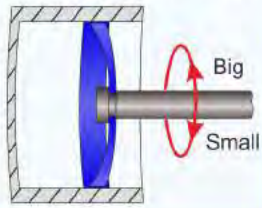
- ◆ Extension spray gun is suitable for spraying long distance or other hard to reach surfaces. The nozzle is specially designed for strong adhesion paint, provide high efficiency.
- ◆ Air and fluid passage are made of stainless steel, not easy to bended or deformed, provide excellent abrasion and corrosion resistance.
- ◆ Different lengths can be selected, special specification (length) can be made according to order.
- ◆ Both needle and nozzle are made of stainless steel, suitable for water based paints.

Model	Type of feed	Nozzle size	Spray distance	Air pressure	Air consumption	Fluid output	The diameter of the out tube	Tube length	Spray width ±20	Weight
		ømm (in)	mm (in)	kg/cm ² (Mpa)	l/min (cfm)	ml/min	ømm (in)	mm (in)	mm (in)	g (lbs)
R103-12PX	Pressure	0.8 (0.031)	150 (5.91)	2.5-3.0 (0.25-0.3)	140 (4.95)	90	12 (0.47)	150 (5.91)	100 (3.95)	564-2302 (1.24-5.07)
RA103-12PX		1.0 (0.051)				115		300 (11.81)		
R103-18PX		1.3 (0.051)				130		500 (19.69)		
RA103-18PX								800 (31.50)		
								1000 (39.37)		
								1500 (59.06)		
								2000 (78.74)		

- ◆ R-103-PX Fluid viscosity: 20±1 second/ RV-2. Coating pressure: 0.8kg/cm². Fluid and air inlet: 1/4 PF.NPF.
- ◆ RA-103-PX Fluid viscosity: 20±1 second/ RV-2. Coating pressure: 0.8kg/cm². Fluid, air and CYL inlet: 1/4 PF.NPF.

Plane and Inner-wall
Extension Spray Gun
Application NO: ZL 2017 2 1126523. 6

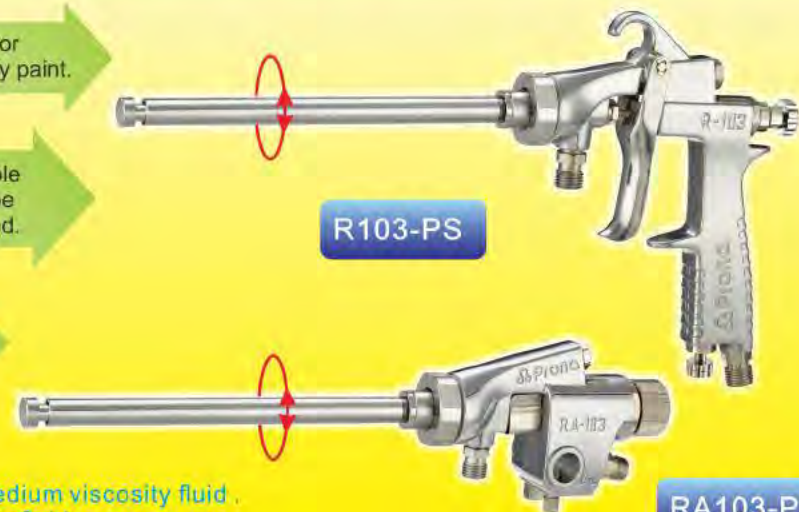
R103-PS / RA103-PS
Spray atomization effect



1. Suitable for low or medium viscosity paint.

2. Spray patterns are available in 360 degree, rotating pipe or spray gun is not required.

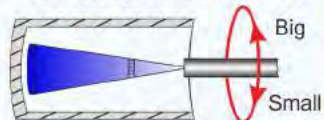
3. Ideal for spraying interior surfaces of pipe, bottle or mold.



R103-09PS/RA103-09PS suitable for low viscosity, medium viscosity fluid.
R103-12PS suitable for medium viscosity, high viscosity fluid.

Model	Type of feed	Nozzle size	Spray distance	Air pressure	Air consumption	Fluid output	The diameter of the out tube	Tube length	Spray width ±20	Weight
		ømm(in)	mm(in)	kg/cm ² (Mpa)	l/min(cfm)	ml/min	Ømm(in)	mm(in)	mm(in)	g(lbs)
R103-09PS	Pressure	0.7(0.027)	15(0.59)	2.0-2.5 (0.2-0.25)	150-200 (7.07-8.13)	250-300	9(0.354)	180(7.09)	65-300 (2.56-11.81)	515-850 (1.14-1.87)
RA103-09PS		0.8(0.031)						250(9.84)		
R103-12PS		1.8(0.071)	40(1.57)	2.5-3.0 (0.25-0.3)	200-230 (10.6-13.43)	490-520	12(0.47)	400(15.75)	100-300 (3.94-11.81)	
RA103-12PS								500(19.69)		

R103-L Spray atomization effect



R103-L

RA103-L

Special length can be ordered

Functions and Characteristics

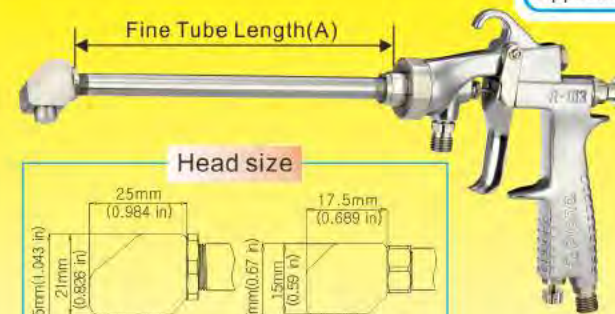
- ◆ Extension spray gun is suitable for spraying long distance or other hard to reach surfaces. The nozzle is specially designed for strong adhesion paint, provide high efficiency.
- ◆ Air and fluid passage are made of stainless steel, not easy to bended or deformed, provide excellent abrasion and corrosion resistance.
- ◆ Different lengths can be selected, special specification (length) can be made according to order.
- ◆ Both needle and nozzle are made of stainless steel, suitable for water based paints.

Model	Type of feed	Nozzle size	Spray distance	Air pressure	Air consumption	Fluid output	The diameter of the out tube	Tube length	Spray width ±20	Weight
		ømm(in)	mm(in)	kg/cm ² (Mpa)	l/min(cfm)	ml/min	mm(in)	mm(in)	mm(in)	g(lbs)
R103-L	Pressure	1.2(0.047)	200 (7.87)	3.0-3.5 (0.29-0.34)	230(8.13)	180-220	11(0.43)	150(5.91)	Maximum Inner spray width 70mm(2.76)	540-820 (1.19-1.81)
RA103-L		1.4(0.055)						300(11.81)		
								500(19.69)		
								800(31.50)		
								1000(39.37)		
								1500(59.06)		

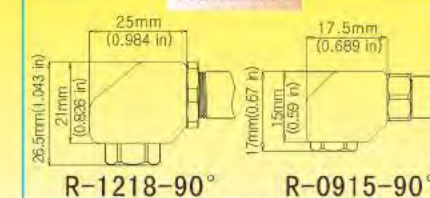
◆ R-103PS / R103-L Fluid viscosity: 20±1 second/ RV-2. Coating pressure: 0.5-0.8kg/cm². Fluid and air inlet: 1/4 PF/NPF.
◆ RA-103PS / RA103-L Fluid viscosity: 20±1 second/ RV-2. Coating pressure: 0.5-0.8kg/cm². Fluid and air inlet: 1/4 PF/NPF.

90° Angle Head Fine Tube Spray Gun

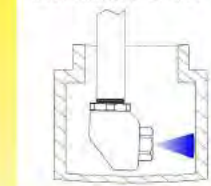
90° Gun head spray pattern
Extension Spray Gun
Application NO: ZL 2018 2 0645420. 9



Head size



90° Head fine tube
spray gun spray
atomization effect



Special length can be ordered

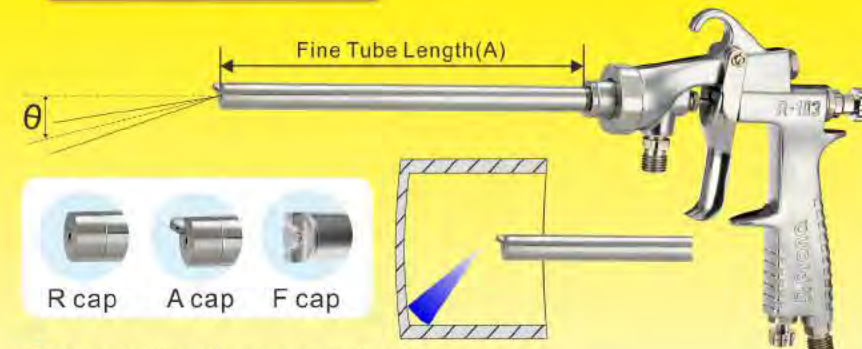
Functions and Characteristics

- ◆ Provide fine and even atomization.
- ◆ R cap is suitable for spraying long distance or deep internal surface.
- ◆ A cap is suitable for painting internal surfaces of pipes or bottle. also the side surface.
- ◆ Air cap and fluid tube are made of stainless steel, high hardness not easy to bended or deformed, provide excellent abrasion and corrosion resistance.
- ◆ Both needle and nozzle are made of stainless steel, suitable for water based paints.

Model	Fine tube length	Nozzle size	Fluid tube orifice	Air pressure	Round ±10
	mm(in)	ømm(in)	ømm(in)	kg/cm ² (Mpa)	mm(in)
R-1205-90°	50(1.97)	0.6(0.024) 1.0(0.394)	12(0.47)	2.0-3.0 (0.2-0.29)	60(2.36) 90(3.54)
R-1218-90°	180(7.09)				
R-1225-90°	250(9.84)				
R-1235-90°	350(13.77)	0.5(0.020)	9(0.35)	2.0-3.0 (0.2-0.29)	40 (1.57)
R-0905-90°	50(1.97)				
R-0915-90°	150(5.91)				
R-0925-90°	250(9.84)				
R-0935-90°	350(13.77)				

◆ Spray distance: 150-200mm (5.90-7.87in). Fluid viscosity: 20±1 seconds/RV-2. Coating pressure: 0.8kg/cm². Fluid and air Inlet: 1/4 PF/NPF.

Slim Inner-wall Spray Gun



Special length can be ordered

Functions and Characteristics

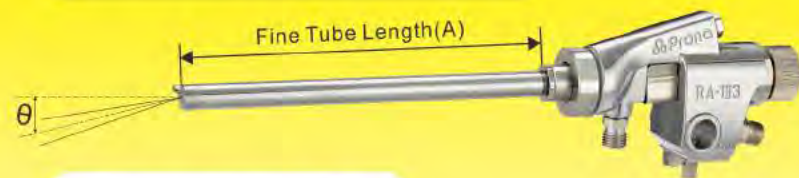
- ◆ Provide fine atomization.
- ◆ R cap is suitable for spraying long distance or deep internal surface.
- ◆ A cap is suitable for painting internal surfaces of pipes or bottle. also the side surface.
- ◆ Air cap and fluid tube are made of stainless steel, high hardness not easy to bended or deformed, provide excellent abrasion and corrosion resistance.
- ◆ Both needle and nozzle are made of stainless steel, suitable for water based paints.

Model	Fine tube length	Nozzle size	Fluid tube orifice	Air pressure	Round ±10	Angle	Pattern width ±10
	mm(in)	ømm(in)	ømm(in)	kg/cm ² (Mpa)	mm(in)		mm(in)
R-1205	50(1.97)	0.6(0.024) 1.0(0.394)	12(0.47)	2.5-3.0 (0.24-0.29)	60(2.36) 90(3.54)	~19°	70(2.76) 90(3.54)
R-1218	180(7.09)						
R-1225	250(9.84)						
R-1235	350(13.77)						
R-0905	50(1.97)	0.5(0.020)	9(0.35)	2.5-3.0 (0.24-0.29)	40(1.57)	~14°	-
R-0915	150(5.91)						
R-0925	250(9.84)						
R-0935	350(13.77)						
R-0605	50(1.97)	0.5(0.020)	6(0.24)	2.5-3.0 (0.24-0.29)	25(1)	~4°	-
R-0609	90(3.54)						
R-0615	150(5.91)						
R-0625	250(9.84)						
R-0635	350(13.77)						

Note:
A cap for Angle
R cap for Round
F cap shaped for F cover

◆ Spray distance: 150-200mm (5.90-7.87in). Fluid viscosity: 20±1 seconds/RV-2. Coating pressure: 0.8kg/cm². Fluid and Air Inlet: 1/4 PF/NPF.

Slim Inner-wall Automatic Spray Gun



R cap A cap F cap ☺ Special length can be ordered

Functions and Characteristics

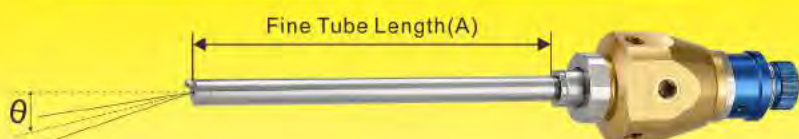
- ◆ Provide fine atomization.
- ◆ R cap is suitable for spraying long distance or deep internal surface.
- ◆ A cap is suitable for painting internal surfaces of pipes or bottle, also the side surface.
- ◆ Air cap and fluid tube are made of stainless steel, high hardness not easy to be deformed, provide excellent abrasion and corrosion resistance.
- ◆ Both needle and nozzle are made of stainless steel, suitable for water based paints.

Model	Fine tube length	Nozzle size	Fluid tube orifice	Air pressure	Round ±10	Angle	Pattern width±10
	mm(in)	ømm(in)	ømm(in)	kg/cm ² (Mpa)	mm(in)		mm(in)
RA-1205	50(1.97)	0.6(0.024) 1.0(0.394)	12(0.47)	2.5-3.0 (0.24-0.29)	60(2.36) 90(3.54)	~19°	70(2.76) 90(3.54)
RA-1218	180(7.09)						
RA-1225	250(9.84)						
RA-1235	350(13.77)						
RA-0905	50(1.97)	0.5(0.020)	9(0.35)	2.5-3.0 (0.24-0.29)	40(1.57)	~14°	-
RA-0915	150(5.91)						
RA-0925	250(9.84)						
RA-0935	350(13.77)						
RA-0605	50(1.97)	0.5(0.020)	6(0.24)	2.5-3.0 (0.24-0.29)	25(1)	~4°	-
RA-0609	90(3.54)						
RA-0615	150(5.91)						
RA-0625	250(9.84)						
RA-0635	350(13.77)						

Note:
A cap for Angle
R cap for Round
F cap shaped for F cover

◆ Spray distance:150-200mm (5.90-7.87in). Fluid viscosity: 20±1 seconds/RV-2. Coating pressure:0.8kg/cm². Fluid , Air and CYL Inlet: 1/4 PF/NPF.

High-Capacity Slim Inner-wall Automatic Spray Gun



R cap A cap F cap ☺ Special length can be ordered

Functions and Characteristics

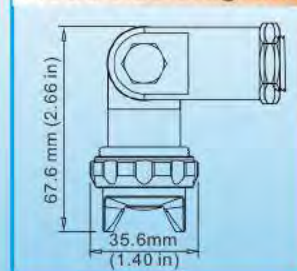
- ◆ Provide fine atomization.
- ◆ R cap is suitable for spraying long distance or deep internal surface.
- ◆ A cap is suitable for painting internal surfaces of pipes or bottle, also the side surface.
- ◆ Air cap and fluid tube are made of stainless steel, high hardness not easy to be deformed, provide excellent abrasion and corrosion resistance.
- ◆ Both needle and nozzle are made of stainless steel, suitable for water based paints.

Model	Fine tube length	Nozzle size	Fluid tube orifice	Air pressure	Round ±10	Angle	Pattern width±10
	mm(in)	ømm(in)	ømm(in)	kg/cm ² (Mpa)	mm(in)		mm(in)
RAR-1205	50(1.97)	0.6(0.024) 1.0(0.394)	12(0.47)	2.5-3.0 (0.24-0.29)	60(2.36) 90(3.54)	~19°	70(2.76) 90(3.54)
RAR-1218	180(7.09)						
RAR-1225	250(9.84)						
RAR-1235	350(13.77)						
RAR-0905	50(1.97)	0.5(0.020)	9(0.35)	2.5-3.0 (0.24-0.29)	40(1.57)	~14°	-
RAR-0915	150(5.91)						
RAR-0925	250(9.84)						
RAR-0935	350(13.77)						
RAR-0605	50(1.97)	0.5(0.020)	6(0.24)	2.5-3.0 (0.24-0.29)	25(1)	~4°	-
RAR-0609	90(3.54)						
RAR-0615	150(5.91)						
RAR-0625	250(9.84)						
RAR-0635	350(13.77)						

Note:
A cap for Angle
R cap for Round
F cap shaped for F cover

◆ Spray distance:150-200mm (5.90-7.87in). Fluid viscosity:20±1 seconds/RV-2. Coating pressure: 0.8kg/cm². Fluid , Air and CYL Inlet: 1/8 PF/NPF.

Head size diagram



1. Gun head can rotate by 180°, and the air pipe set can rotate by 360°.

2. Needle, nozzle and fluid passage are made of stainless steel, provide excellent sealing performance and corrosion resistance.

3. Gun body is processed with a precision single-molding technology, provide fine and even atomization.

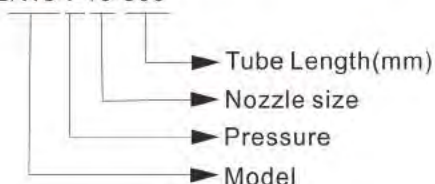


Universal Extension Spray Gun
Application NO:ZL 2015 2 0045009. 4



☺ Special length can be ordered

Remark: LR18-P10-300

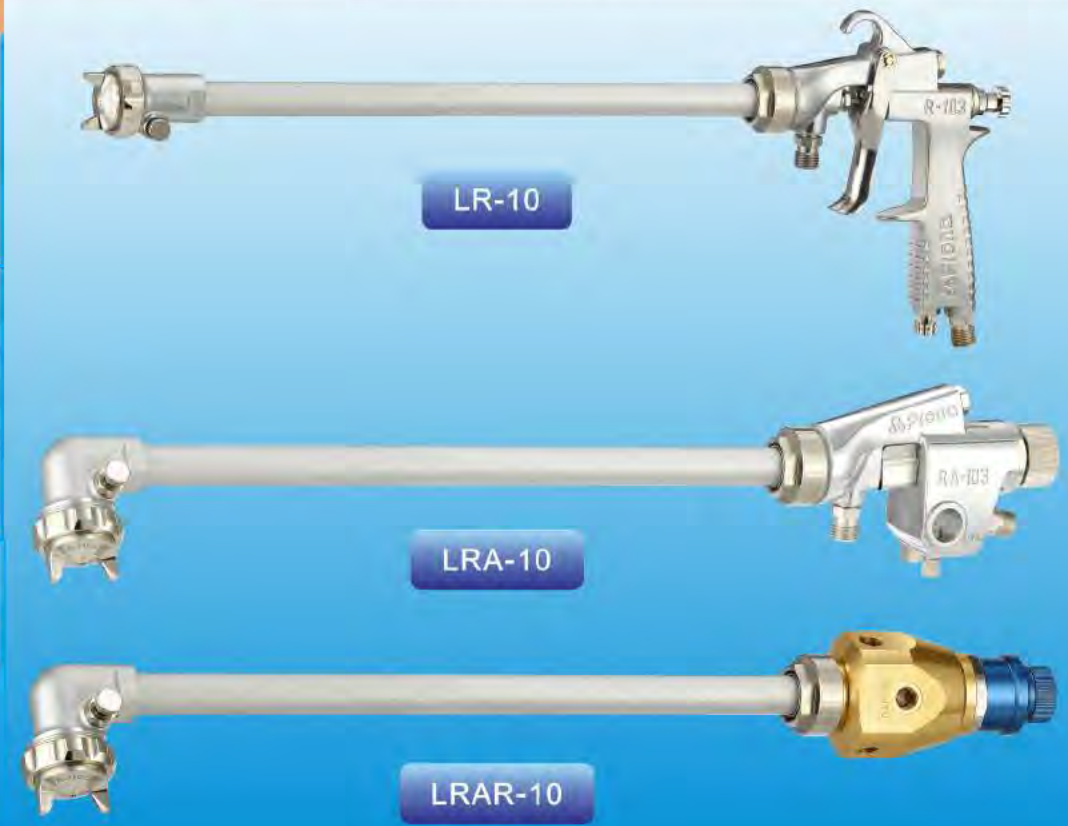
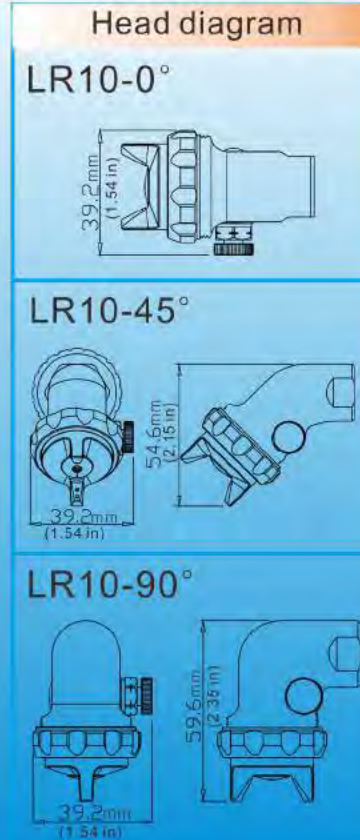
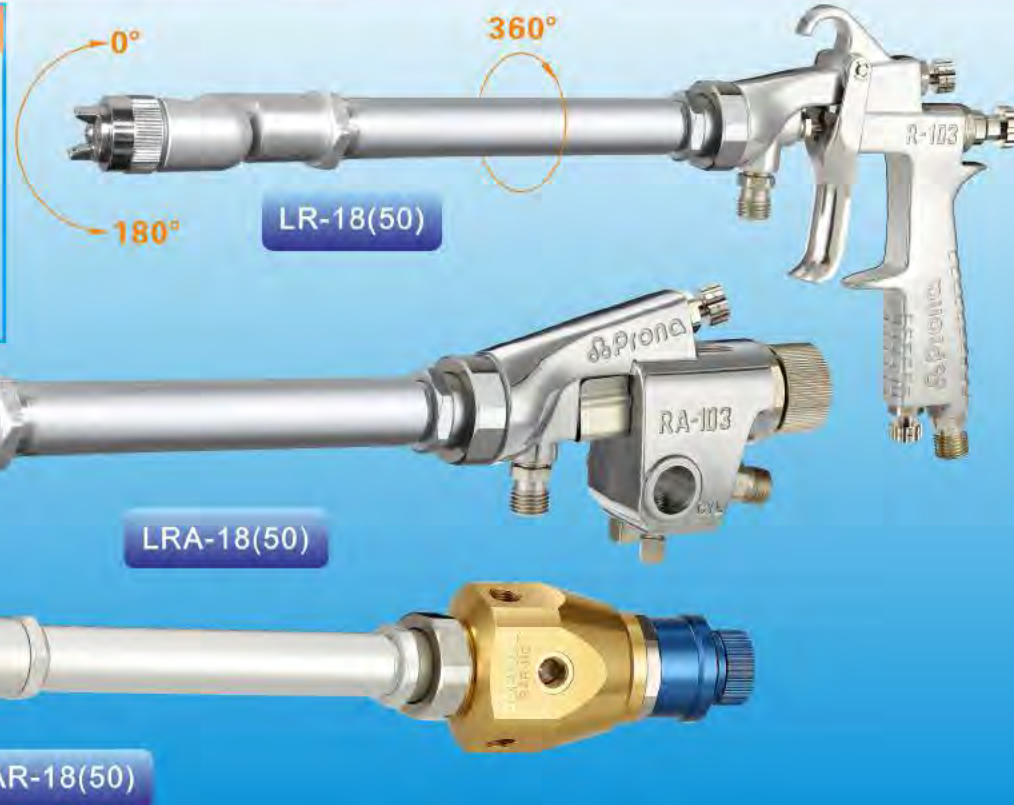


Model	Head angle	Nozzle size	Air cap	Air pressure	Air consumption	Fluid output	Headed length	Spray distance	Spray width ±20	Weight
		ømm(in)		kg/cm ² (Mpa)	l/min(cfm)	ml/min	mm(in)	mm(in)	mm(in)	g(lbs)
LR18-P08	0° -180° (Adjustable Angle)	0.8(0.031)	E2P	2.5-3.0 (0.24-0.29)	270(9.54)	150	50(1.97) 150(5.91)	200(7.87)	190(7.48)	628-1814 (1.38-4)
LR18-P10		1.0(0.039)			270(9.54)	200	300(11.81) 500(19.69)		220(8.66)	
LR18-P13		1.3(0.051)			220(7.77)	200	800(31.50) 1000(39.37)		210(8.27)	
LR18-P15		1.5(0.059)			220(7.77)	250	1500(59.06)		240(9.45)	
LRA18-P08	0° -180° (Adjustable Angle)	0.8(0.031)	E2P	2.5-3.0 (0.24-0.29)	270(9.54)	150	50(1.97) 150(5.91)	200(7.87)	190(7.48)	772-1958 (1.7-4.32)
LRA18-P10		1.0(0.039)			270(9.54)	200	300(11.81) 500(19.69)		220(8.66)	
LRA18-P13		1.3(0.051)			220(7.77)	200	800(31.50) 1000(39.37)		210(8.27)	
LRA18-P15		1.5(0.059)			220(7.77)	250	1500(59.06)		240(9.45)	
LRAR18-P08	0° -180° (Adjustable Angle)	0.8(0.031)	E2P	2.5-3.0 (0.24-0.29)	270(9.54)	150	50(1.97) 150(5.91)	200(7.87)	190(7.48)	705-1495 (1.5-3.3)
LRAR18-P10		1.0(0.039)			270(9.54)	200	300(11.81) 500(19.69)		220(8.66)	
LRAR18-P13		1.3(0.051)			220(7.77)	200	800(31.50) 1000(39.37)		210(8.27)	
LRAR18-P15		1.5(0.059)			220(7.77)	250	1500(59.06)		240(9.45)	

◆LR-18: Fluid viscosity: 20±1 second/ RV-2. Coating pressure: 0.8kg/cm². Fluid and air inlet:1/4 PF/NPF.

◆LRA-18: Fluid viscosity: 20±1 second/ RV-2. Coating pressure: 0.8kg/cm². Fluid, air and CYL inlet :1/4 PF.NPF.

◆LRAR-18: Fluid viscosity: 20±1 second/ RV-2. Coating pressure: 0.8kg/cm². Fluid, air and CYL inlet: 1/8 PF.NPF.



Functions and Characteristics

- ◆ Gun head can rotate by 180° and the air pipe set can rotate by 360°.
- ◆ Different lengths can be selected, special specification (length) can be made according to order.
- ◆ Outer tube surface receive anodization of sand blast treatment, can avoid slipping out of hands and is wear resistance.
- ◆ High transfer efficiency, and provide fine and even atomization.

Special length can be ordered

Remark: LR18(50)-P10-300

- ▶ Tube Length(mm)
- ▶ Nozzle size
- ▶ Pressure
- ▶ Model

Model	Head angle	Nozzle size	Air cap	Air pressure	Air consumption	Fluid output	Headed length	Spray distance	Spray width ±20	Weight
	°	mm(in)		kg/cm ² (Mpa)	l/min(cfm)	ml/min	mm(in)	mm(in)	mm(in)	g(lbs)
LR18(50)-P10	0° -180° (Adjustable Angle)	1.0(0.039)	10	0.9-1.5 (0.09-0.15)	50(1.77)	100	50(1.97)	150 (5.91)	100 (3.94)	571-1766 (1.26-3.89)
							150(5.91)			
							300(11.81)			
							500(19.69)			
							800(31.50)			
LRA18(50)-P10	0° -180° (Adjustable Angle)	1.0(0.039)	10	0.9-1.5 (0.09-0.15)	50(1.77)	100	50(1.97)	150 (5.91)	100 (3.94)	517-1943 (1.58-4.28)
							150(5.91)			
							300(11.81)			
							500(19.69)			
							800(31.50)			
LRAR18(50)-P10	0° -180° (Adjustable Angle)	1.0(0.039)	10	0.9-1.5 (0.09-0.15)	50(1.77)	100	50(1.97)	150 (5.91)	100 (3.94)	517-1943 (1.58-4.28)
							150(5.91)			
							300(11.81)			
							500(19.69)			
							800(31.50)			

◆LR-18(50): Fluid viscosity: 20±1 second/ RV-2. Coating pressure: 0.8kg/cm². Fluid and air inlet: 1/4 PF/NPF.

◆LRA-18(50): Fluid viscosity: 20±1 second/ RV-2. Coating pressure: 0.8kg/cm². Fluid, air and CYL inlet: 1/4 PF/NPF.

◆LRAR(50)-18: Fluid viscosity: 20±1 second/ RV-2. Coating pressure: 0.8kg/cm². Fluid, air and CYL inlet: 1/8 PF/NPF.

Special length can be ordered

Remark: LR10-P10-45 300

- ▶ Tube Length(mm)
- ▶ Angle
- ▶ Nozzle size
- ▶ Pressure
- ▶ Model



Model	Head angle	Nozzle size	Air cap	Air pressure	Air consumption	Fluid output	Headed length	Spray distance	Spray width ±20	Weight
	°	mm(in)		kg/cm ² (Mpa)	l/min(cfm)	ml/min	mm(in)	mm(in)	mm(in)	g(lbs)
LR10-P08	0°	0.8(0.031)	E2P	2.5-3.0 (0.24-0.29)	270(9.54)	150	50(1.97)	200(7.87)	190(7.48)	540-887 (1.19-1.96)
LR10-P10	45°	1.0(0.039)								
LR10-P13	90°	1.3(0.051)								
LR10-P15	(Fixed Angle)	1.5(0.059)								
LRA10-P08	0°	0.8(0.031)	E2P	2.5-3.0 (0.24-0.29)	270(9.54)	150	50(1.97)	200(7.87)	190(7.48)	764-1031 (1.68-2.27)
LRA10-P10	45°	1.0(0.039)								
LRA10-P13	90°	1.3(0.051)								
LRA10-P15	(Fixed Angle)	1.5(0.059)								
LRAR10-P08	0°	0.8(0.031)	E2P	2.5-3.0 (0.24-0.29)	270(9.54)	150	50(1.97)	200(7.87)	190(7.48)	645-910 (1.42-2)
LRAR10-P10	45°	1.0(0.039)								
LRAR10-P13	90°	1.3(0.051)								
LRAR10-P15	(Fixed Angle)	1.5(0.059)								

◆LR-10 Fluid viscosity: 20±1 second/ RV-2. Coating pressure: 0.8kg/cm². Fluid and air inlet hose size: 1/4 PF/NPF.

◆LRA-10 Fluid viscosity: 20±1 second/ RV-2. Coating pressure: 0.8kg/cm². Fluid and air inlet hose size: 1/4 PF/NPF.

◆LRAR-10 Fluid viscosity: 20±1 second/ RV-2. Coating pressure: 0.8kg/cm². Fluid and air inlet hose size: 1/8 PF/NPF.



Functions and Characteristics

- ◆R-2200AC Air-assisted gun is a combination of traditional air spraying and airless spraying technology It atomizes precisely to produce a stable coating spray surface. It can form a uniform coating surface on the workpiece with high transfer efficiency and fine spraying quality.
- ◆R-2200AC is recommended for spraying : varnishes, lacquers, colours, solvented and water-based paint ,high solid materials paint , is also suitable for one component and two component paint.

Model	R-2200AC
Air Cap	R24 / R124(Spray Width Unadjustable)
Maximum Working Air Pressure	6 bar (87psi)
Usage Fluid Pressure	200 bar(20Mpa , 2900 psi)
Fluid Output	Depending On Tip Size
Maximum Operating Temperature	50 °C
Air Consum-ption	385 L/min(±10)
Transfer Efficiency	87 (±2 %)
Wetted Parts	Stainless Steel
Fluid Connector	1/4 NPS , Filter
Air Connector	1/4PF
Safety Device	Safety Lever ,Protection Cap
Material Filter	Fluid Connector the Inline filter (100mesh)
Noise Level	80 dBa (±2)
Spray Distance	200mm
Weight	620g (1.37 lbs)

R-2200AC Testing conditions:paint pressure=60;viscosity=20 s;air pressure=1.5 bar; temperature=20 °C;relative humidity=60%
Detailed specification of nozzle please refer to page 86.

Functions and Characteristics

- ◆R-4700AC Air-assisted gun is a combination of traditional air spraying and airless spraying technology It atomizes precisely to produce a stable coating spray surface. It can form a uniform coating surface on the workpiece with high transfer efficiency and fine spraying quality.
- ◆R-4700AC is recommended for spraying : varnishes, lacquers, colours, solvented and water-based paint ,high solid materials paint , is also suitable for one component and two component paint.

Model	R-4700AC
Air Cap	L4700 / H4700
Maximum Working Air Pressure	6 bar (87psi)
Usage Fluid Pressure	200 bar(20Mpa , 2900 psi)
Fluid Output	取決於噴嘴型號
Maximum Operating Temperature	50 °C
Air Consum-ption	375 L/min(±10)
Transfer Efficiency	87 (±2 %)
Wetted Parts	不銹鋼
Fluid Connector	1/4 NPS, 內含過濾網
Air Connector	1/4 PF
Safety Device	有安全保險開關, 頭部防護蓋
Material Filter	塗料接頭內含過濾網 (100目)
Noise Level	80 dBa (±2)
Spray Distance	200mm
Weight	567g (1.25 lbs)

R-4700AC Testing conditions:paint pressure=60;viscosity=20 s;air pressure=1.5 bar; temperature=20 °C;relative humidity=60%
Detailed specification of nozzle please refer to page 86.



Functions and Characteristics

- ◆R-210AC Air-assisted gun is a combination of traditional air spraying and airless spraying technology It atomizes precisely to produce a stable coating spray surface. It can form a uniform coating surface on the workpiece with high transfer efficiency and fine spraying quality.
- ◆R-210AC is recommended for spraying : varnishes, lacquers, colours, solvented and water-based paint ,high solid materials paint , is also suitable for one component and two component paint.

Model	R-210AC
Air Cap	R24 / R124(Spray Width Unadjustable)
Maximum Working Air Pressure	6 bar (87psi)
Usage Fluid Pressure	100 bar(10Mpa , 1450 psi)
Advice Usage Fluid Pressure	40-70 bar(4-7Mpa , 580- 1015psi)
Fluid Output	Depending On Tip Size
Maximum Operating Temperature	50 °C
Air Consum-ption	429 L/min(±10)
Transfer Efficiency	87 (±2 %)
Wetted Parts	Stainless Steel
Fluid Connector	1/4 NPS Filter
Air Connector	1/4PF
Safety Device	Safety Lever ,Protection Cap
Material Filter	Fluid Connector the Inline filter (100mesh)
Noise Level	80 dBa (±2)
Spray Distance	200mm
Weight	561g (1.24 lbs)

R-210AC Testing conditions:paint pressure=60;viscosity=20 s;air pressure=1.5 bar; temperature=20 °C;relative humidity=60%

Detailed specification of nozzle please refer to page 86.

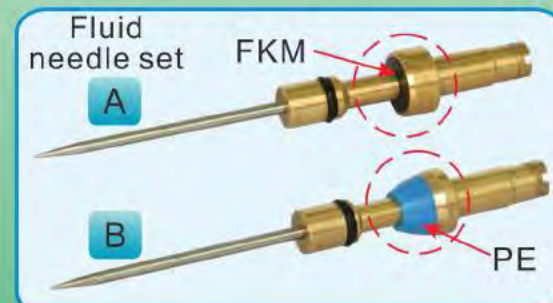


90° Long Tube Mold Released Spray Gun



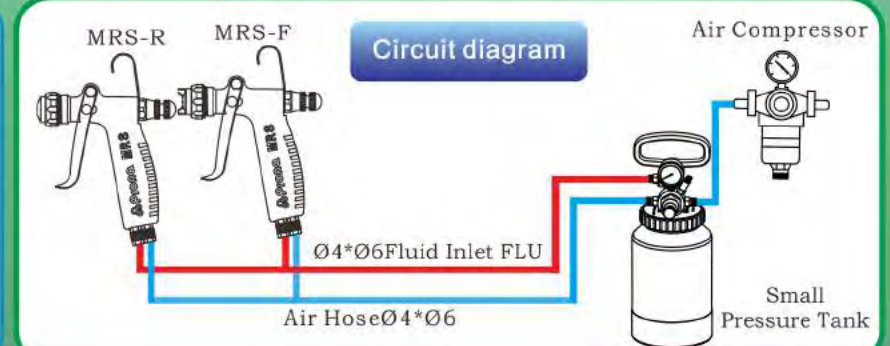
Special length can be ordered

Mold Released Spray Gun
Application NO:2018 2 0637747. 1



Functions and Characteristics

- ◆Suitable for spraying mold release material, hydrographics activator, silver reaction solution, also the lubricant for industry fabrication.
- ◆Both needle and nozzle are made of stainless steel.



Model	Type of feed	Nozzle size	Air cap	Air pressure	Air consumption	Fluid output	Spray width ±10	Weight
		ømm(in)		kg/cm ² (Mpa)	l/min(cfm)	ml/min	mm(in)	g(lbs)
MRS-F/ MRS1-F/ MRS2-F/ MRS2-L90°-F	Pressure	0.3(0.012)	03F	2.0(0.2)	35(1.24)	5	120(4.72)	MRS-F:250(0.55) MRS2-F:320(0.7) MRS2-L90°-F:365(0.8)
		0.5(0.020)	05F		40(1.41)	20	160(6.30)	
		0.8(0.031)	08F		45(1.59)	40	170(6.69)	
		1.0(0.039)	10F		45(1.59)	55	175(6.89)	
		1.3(0.051)	13F		45(1.59)	80	185(7.28)	
MRS-R/ MRS1-R/ MRS2-R/ MRS2-L90°-R	Pressure	0.3(0.012)	03R	2.0(0.2)	35(1.24)	5	Round	MRS-R:250(0.55) MRS2-R:320(0.7) MRS2-L90°-F:360(0.79)
		0.5(0.020)	05R		40(1.41)	20		
		0.8(0.031)	08R		45(1.59)	40		
		1.0(0.039)	10R		60(2.12)	55		
		1.3(0.051)	13R		80(2.83)	80		

◆MRS/ MRS1 / MRS2 / MRS2-L90°-F/R spraying distance: 100-150mm (3.94-5.91in). Fluid viscosity: 9±1 second/ RV-2. Coating pressure: 0.8kg/cm2. Fluid and air hose size: ø4 x ø6mm.



Double-headed Nano coating Spray Gun



Two-Component Mixed Binder Spray Gun



Double-headed Spray Gun

Application NO:ZL 201420622064.0

1. Needle, nozzle and cap are made of stainless steel.

2. Different size of nozzles and air caps are available.

3. Adjusting knob is easy to control.

Functions and Characteristics

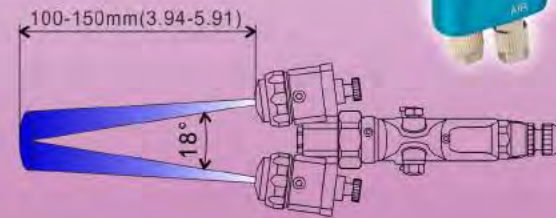
1. Applicable for producing craftwork and decoration; making personalized wheel hub. Also suitable for spraying nano silvent on cellphone or computer, achieve switching from traditional electroplating to nano spray plating.

2. Fluid output can be adjusted individually, ideal for spraying two different color or different component.

3. Fluid passage is made of high quality stainless steel, suitable for spraying corrosive coating.



MRS2-2R



Various chroming samples



Metal spray



Artwork(plastic) spray



Horn (paper) spray



Cup(ceramic) spray

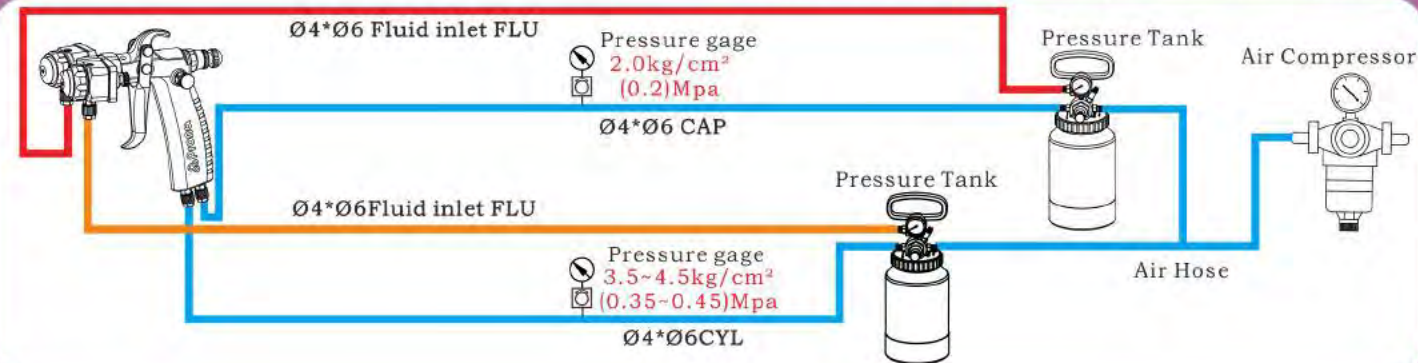


Aluminum alloy



Furniture (woodwork) spray

Circuit diagram



Model	Type of feed	Nozzle size	Air cap	Air pressure	Air consumption	Fluid output	Spray width ±10	Weight
		ømm (in)		kg/cm ² (Mpa)	l/min(cfm)	ml/min	mm(in)	g(lbs)
MRS2-2R	Pressure	0.5(0.020)	05R	2.0(0.2)	55-75 (1.94-2.65)	40	Round	557 (1.23)
		0.8(0.031)	08R			80		
		1.0(0.039)	10R			120		
		1.3(0.051)	13R			150		

◆MRS2-2R spraying distance: 100-150mm (3.94-5.91in). Fluid viscosity: 9±1 second/ RV-2. Fluid and air hose size: ø4 x ø6mm.

Mixed Spray Gun

Application NO:ZL 2020 2 0221987. 0



R-210-1H
Single mixing type
Pressure



R-210-2H
Double mixing type
Pressure

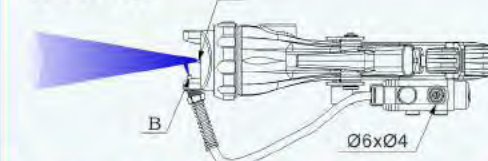


R-210-1H
Gravity
With RC-51SR Cup

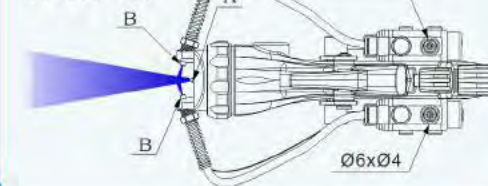


R-210-1H
R-210-2H
Suction
With RC-2 Cup
(RC-6DC S2 Cup)

R-210-1H



R-210-2H



Functions and Characteristics

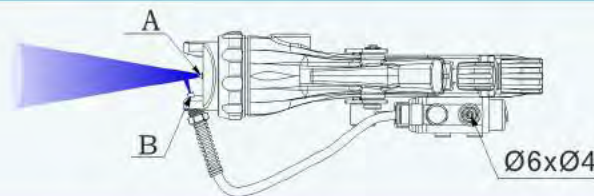
- ◆ Paint mixing mode is external mixing. It can reduce the problem of solution solidification in the gun, pipe, container and tank.
- ◆ A Nozzle as the main nozzle for the main glue, B Nozzle as sub nozzle, used for curing agent.
- ◆ The coating channel adopts corrosion resistant design. The nozzle, needle and fluid coupler are made of stainless steel.
- ◆ According to the working environment, the main paint (A) feeding mode can be gravity type, suction type or pressure type. Secondary coating (B) feeding mode is pressure feeding.
- ◆ It is suitable for the fast bonding of water-based foam and sponge processing industry, such as the bonding of airplane and automobile seats, sofa cushions, mattress furniture, woodworking furniture, heat-insulating cotton materials, etc.

Model	Type of feed	The main fluid nozzle size(A)	Vice fluid nozzle size(B)	Air pressure	Air consumption	Spray width ±10	Weight
		ømm (in)	ømm (in)	kg/cm ² (Mpa)	l/min(cfm)	mm(in)	g(lbs)
R-210-1H-P	Pressure	0.8(0.031)	0.4(0.016)	2.5(0.24)	333(23)	Round	R-210-1H:600(1.32) R-210-2H:645(1.42)
R-210-1H-G		1.0(0.039)	0.5(0.020)				
R-210-1H-S		1.2(0.049)	0.6(0.024)				
R-210-2H-P	Gravity	1.5(0.059)	0.8(0.031)				
R-210-2H-G		1.8(0.071)	1.0(0.039)				
R-210-2H-S		2.0(0.078)					
		2.5(0.098)					

◆R210-1H/R210-2H Spray distance:200-250mm. Paint viscosity:20±1 seconds/RV-2. Coating Pressure:0.8kg/cm². The main fluid intake:3/8PF/NPF. Vice fluid intake:ø6xø4. Air intake:1/4PF/NPF.



R-110N-1H

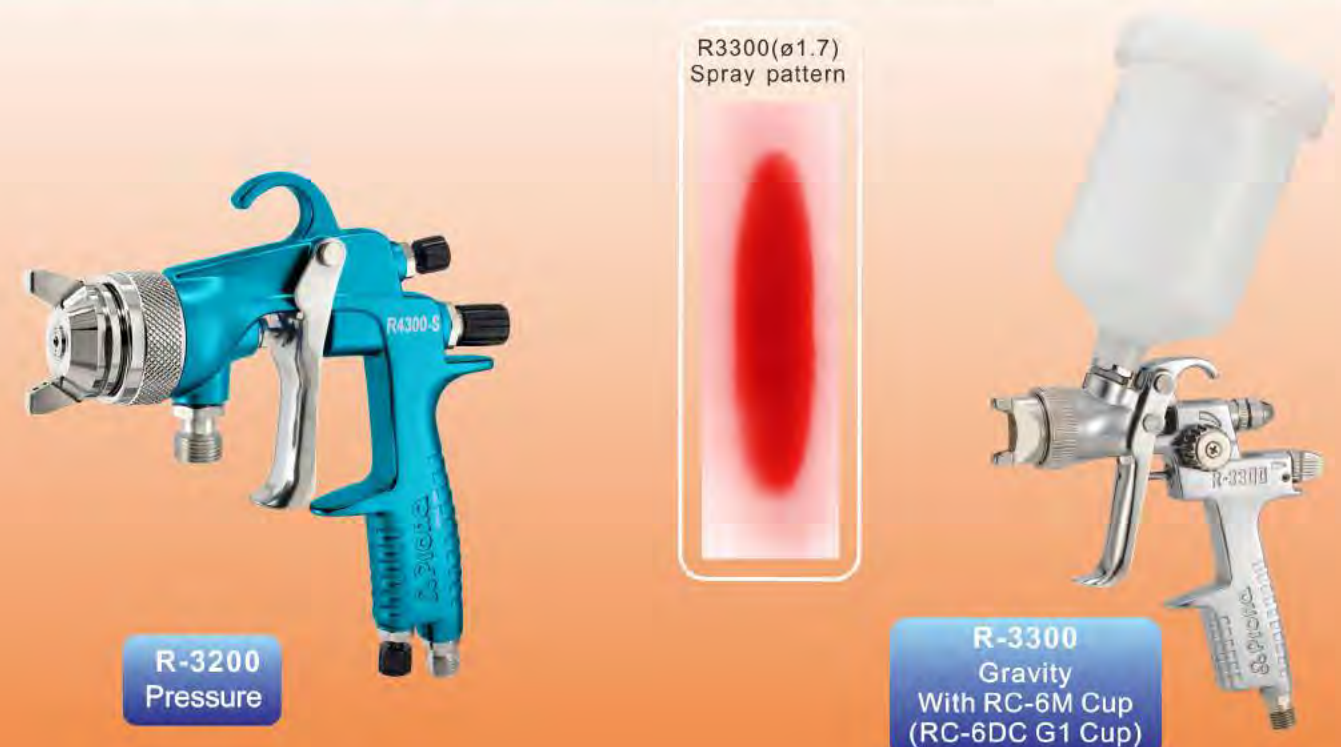


Functions and Characteristics

- ◆ Paint mixing mode is external mixing. It can reduce the problem of solution solidification in the gun, pipe, container and tank.
- ◆ A Nozzle as the main nozzle for the main glue, B Nozzle as sub nozzle, used for curing agent.
- ◆ The coating channel adopts corrosion resistant design. The nozzle, needle and fluid coupler are made of stainless steel.
- ◆ According to the working environment, the main paint (A) feeding mode can be gravity type, suction type or pressure type. Secondary coating (B) feeding mode is pressure feeding.
- ◆ It is suitable for the fast bonding of water-based foam and sponge processing industry, such as the bonding of airplane and automobile seats, sofa cushions, mattress furniture, woodworking furniture, heat-insulating cotton materials, etc.

Model	Type of feed	The main fluid nozzle size(A)	Vice fluid nozzle size(B)	Air cap	Air pressure	Air consumption	Fluid output	Spray width ±10	Weight
		ømm(in)	ømm(in)		kg/cm ² (Mpa)	l/min(cfm)	ml/min	mm(in)	g(lbs)
R-110N-1H-F	Pressure	0.8(0.031)	0.4(0.016)	F cap	2.0-3.0 (0.2-0.29)	210 (14.48)	100	150(5.9)	438 (0.97)
		1.0(0.039)	0.5(0.020)				120	160(6.3)	
		1.3(0.051)	0.6(0.024)				150	180(7.09)	
		1.5(0.059)					170	200(7.84)	
R-110N-1H-R	Pressure	0.8(0.031)	0.4(0.016)	R cap	2.0-3.0 (0.2-0.29)	150 (10.34)	80	Round	438 (0.97)
		1.0(0.039)	0.5(0.020)				100	40-80	
		1.3(0.051)	0.6(0.024)				130	(1.57-3.15)	
		1.5(0.059)					150		

◆R110-1H-F/R Spray distance:200-250mm.Paint viscosity:20±1 seconds/RV-2. Coating Pressure:0.8kg/cm². The main fluid intake:1/4PF/NPF.Vice fluid intake:Ø6xØ4.Air intake:1/4PF/NPF.



Functions and Characteristics

- ◆ R-3200 is a high-pressure spray gun with air pressure range 3.0-4.0kg/cm²; it is suitable for both large -area continuous rapid spraying and high viscosity, coarse-grained paint, water-based paint or ceramic glaze spraying ect.
- ◆ The spray pattern is longer and wider than traditional spray gun, and have large fluid output with MAX (1500ml/min). Therefore it is suitable for industries of ceramic, furniture, construction, shipbuilding ect .
- ◆ R-3300 This spray gun provide fine atomization, wider spray pattern suitable for automotive industries.
- ◆ R-3300 Nozzle and needle are made of high quality stainless steel, suitable for water base paint and solvent.

Model	Type of feed	Nozzle size	Air pressure	Air consumption	Fluid output	Spray width ±20	Weight
		ømm(in)	kg/cm ² (Mpa)	l/min(cfm)	ml/min	mm(in)	g(lbs)
R-3200	Pressure	1.8(0.071)	3.0-4.0 (0.29-0.39)	450-460 (31.4-31.7)	1500	350-360 (13.78-14.17)	566 (1.25)
R-3300-G10	Gravity	1.0(0.039)	3.5-4.0 (0.34-0.39)	380(13.43)	220	200(7.87)	515(1.36)
R-3300-G13		1.3(0.051)			300	220(8.66)	
R-3300-G14		1.4(0.055)			320	235(9.25)	
R-3300-G15		1.5(0.059)			340	250(9.84)	
R-3300-G17		1.7(0.067)			400	280(11.02)	
R-3300-G20		2.0(0.078)			480	310(12.20)	

◆R-3200 Spraying distance: 200mm (7.87in). Fluid viscosity: 14-40 ±1 second/ RV-2. Fluid inlet: 3/8PF/NPF. Air inlet: 1/4 PF/NPF.

◆R-3300 Spraying distance: 250mm (9.84in). Fluid viscosity: 20±1 second/ RV-2. Fluid inlet: M16X1.5P. Air inlet: 1/4 PF/NPF.



Functions and Characteristics

- ◆ The gun body is designed according to ergonomics, provide better control of operation.
- ◆ Provide fine atomization even in low air pressure and volume, ideal for painting small area, such as vehicle repair and art works.
- ◆ Has surface preparation for anodizing and sand blasting, is wear resistance, easy to clean and maintain.
- ◆ Needle and nozzle are made of stainless steel, featured with anti-corruption, abrasive and long service life.
- ◆ **RL-90LN No air supply is needed.**

Functions and Characteristics

- ◆ The gun body is designed according to ergonomics, provide better control of operation.
- ◆ Provide fine atomization even in low air pressure and volume, ideal for painting small area, such as vehicle repair and art works.
- ◆ Has surface preparation for anodizing and sand blasting, is wear resistance, easy to clean and maintain.
- ◆ Needle and nozzle are made of stainless steel, featured with anti-corruption, abrasive and long service life.
- ◆ **The fluid passage of R53(S) is made of stainless steel.**

Model	Type of feed	Nozzle size	Air cap	Air pressure	Air consumption	Fluid output	Spray width ±10	Weight
		ømm(in)		kg/cm ² (Mpa)	l/min(cfm)	ml/min	mm(in)	g(lbs)
RL-90-LN/LN-A	Gravity	1.0(0.039)	-	-	-	50	-	282(11.10)
RL-90-F	Gravity	0.4(0.016)	04F	0.9-1.5 (0.09-0.15)	40(1.41)	8	40(1.57)	280-340 (11.02-13.39)
RL-90-F-A		0.6(0.024)	06F			40	60(2.36)	
		0.8(0.031)	08F			60	80(3.15)	
		1.0(0.039)	10F			80	100(3.94)	
		1.2(0.047)	12F			100	115(4.53)	
RL-90-R1	Gravity	0.4(0.016)	04R1	0.9-1.5 (0.09-0.15)	30(1.06)	7	25(1.97)	254-314 (0.56-12.36)
RL-90-R1-A		0.6(0.024)	06R1			40	35(1.38)	
		0.8(0.031)	08R1			60	40(1.57)	
		1.0(0.039)	10R1			80	40(1.57)	
		1.2(0.047)	12R1			100	40(1.57)	
RL-90R	Gravity	0.4(0.016)	04R	2.0-2.5 (0.2-0.24)	30(1.06)	15	25(1.97)	329.2 (0.74)
		0.6(0.024)	06R			35	35(1.38)	
		0.8(0.031)	08R			60	38(1.50)	
		1.0(0.039)	10R			80	40(1.57)	

◆RL90-F/R/R1/A spraying distance: 150mm (5.91in). Fluid viscosity: 20±1 second/ RV-2.
Fluid and air inlet: 1/4 PF/NPF.

Model	Type of Feed	Nozzle size	Air cap	Air pressure	Air consumption	Fluid output	Spray width ±10	Weight
		ømm(in)		kg/cm ² (Mpa)	l/min(cfm)	ml/min	mm(in)	g(lbs)
RL-80F	Gravity	0.4(0.016)	04F	0.9-1.5 (0.09-0.15)	50(1.77)	8	40(1.57)	267(0.59)
		0.6(0.024)	06F			25	60(2.36)	
		0.8(0.031)	08F			60	80(3.15)	
		1.0(0.039)	10F			80	100(3.94)	
		1.2(0.047)	12F			100	115(4.53)	
RL-80R	Gravity	0.4(0.016)	04R	2.0-2.5 (0.2-0.24)	30(1.06)	15	25(1.97)	255(0.56)
		0.6(0.024)	06R			35	35(1.38)	
		0.8(0.031)	08R			60	38(1.50)	
		1.0(0.039)	10R			65	40(1.57)	
RL-80R1	Gravity	0.4(0.016)	04R1	0.9-1.5 (0.09-0.15)	50(1.77)	7	25(1.97)	257(0.57)
		0.6(0.024)	06R1			40	35(1.38)	
		0.8(0.031)	08R1			60	35(1.38)	
		1.0(0.039)	10R1			80	40(1.57)	
		1.2(0.047)	12R1			100	40(1.57)	
R-53(S)-G08	Gravity	0.8(0.031)	08/10	1.5-2.0 (0.15-0.20)	110(3.89)	65	140(5.51)	405.8(0.89)
R-53(S)-G10		1.0(0.039)	HVLP			85	145(5.71)	
R-53(S)-G12		1.2(0.047)	12/14			110	160(6.30)	
R-53(S)-G14		1.4(0.055)	HVLP			130	165(6.50)	

◆RL80-F/R/R1/spraying distance: 150mm (5.91in). Fluid viscosity: 20±1 second/ RV-2. Fluid and air inlet: 1/4 PF/NPF.
◆R-53(S) spraying distance: 100-150mm (3.9-5.91in). Fluid viscosity: 20±1 second/ RV-2. Fluid and air inlet: 1/4 PF/NPF.



Functions and Characteristics

- ◆ Air cap is processed by high accuracy turn-milling technology, provide equal and steady atomization.
- ◆ Both needle and nozzle are made of stainless steel.
- ◆ The gravity cup is made of POM (plastic) provides excellent abration and corrosion resistance.
- ◆ Suitable for painting small area for automotive, toy and hardware industries.
- ◆ R2-G is a glue-injected gun, use for filling glue in narrow crevice or filling coating. For example, fill sole with glue.
- ◆ No air supply is needed. Special length of fluid pipe can be ordered

Model	Type of feed	Nozzle size	Air cap	Air pressure	Air consumption	Fluid output	Spray width ±10	Weight	Head length
		ømm(in)		kg/cm ² (Mpa)	l/min(cfm)	ml/min	mm(in)	g(lbs)	mm(in)
R2-F	Pressure	0.3(0.013)	03F	1.8-2.5 (0.18-0.24)	30(1.06)	6	50(1.97)	249(0.55)	-
	Gravity	0.5(0.020)	05F		35(1.24)	20	50(1.97)		
		0.8(0.031)	08F		40(1.41)	60	80(3.15)		
		1.0(0.039)	10F		45(1.59)	80	100(3.97)		
R2-R	Gravity	0.5(0.020)	05R	1.8-2.5 (0.18-0.24)	35(1.24)	20	Round	253(0.56)	-
		0.8(0.031)	08R		40(1.41)	40			
R2-G	Pressure	0.5(0.020)	-	-	-	90	-	266(0.58)	A: 15 (0.59) / 30 (1.18) 50 (1.96) / 100 (3.93)
R3-F	Pressure	0.3(0.013)	03F	1.8-2.5 (0.18-0.24)	30(1.06)	6	50(1.97)	278(0.61)	-
	Gravity	0.5(0.020)	05F		35(1.24)	20	50(1.97)		
		0.8(0.031)	08F		40(1.41)	60	80(3.15)		
		1.0(0.039)	10F		45(1.59)	80	100(3.97)		
R3-R	Gravity	0.5(0.020)	05R	2.5(0.24)	35(1.24)	20	Round	285(0.62)	-
		0.8(0.031)	08R		40(1.41)	40			

- ◆ R-2F Spraying distance: 150mm (5.91in). Fluid viscosity: 20±1 second/ RV-2. Fluid and air inlet: 1/4 PF/NPF.
- ◆ R2-R Spraying distance: 150mm (5.91in). Fluid viscosity: 20±1 second/ RV-2. Fluid and air inlet: 1/4 PF/NPF.
- ◆ R2-G: Fluid inlet 1/4PF/NPF. Fluid pressure 0.5-1kg/cm².
- ◆ R3-F Spraying distance: 150mm (5.91in). Fluid viscosity: 20±1 second/ RV-2. Fluid and air inlet: 1/4 PF/NPF.
- ◆ R3-R Spraying distance: 150mm (5.91in). Fluid viscosity: 20±1 second/ RV-2. Fluid and air inlet: 1/4 PF/NPF.



Functions and Characteristics

- ◆ Air cap is processed by high accuracy turn-milling technology, provide equal and steady atomization.
- ◆ Needle nozzle and fluid passage is made of stainless steel.
- ◆ The gravity cup is made of POM (plastic) provides excellent abration and corrosion resistance.
- ◆ Suitable for painting small area in automotive, toy and hardware industries.

Model	Type of feed	Nozzle size	Air cap	Air pressure	Air consumption	Fluid output	Spray width ±10	Weight
		ømm(in)		kg/cm ² (Mpa)	l/min(cfm)	ml/min	mm(in)	g(lbs)
RG-3L	Gravity	0.4(0.016)	04R	2.0-2.5 (0.2-0.24)	30(1.06)	15	25(1.97)	225(0.50)
		0.6(0.024)	06R		30(1.06)	35	35(1.38)	
		0.8(0.031)	08R		50(1.77)	60	38(1.50)	
		1.0(0.039)	10R		50(1.77)	80	40(1.57)	
RL-50	Gravity	0.4(0.016)	04F	0.9-1.5 (0.09-0.15)	50(1.77)	8	40(1.57)	238(0.52)
		0.6(0.024)	06F		50(1.77)	25	60(2.36)	
		0.8(0.031)	08F		50(1.77)	60	80(3.15)	
		1.0(0.039)	10F		50(1.77)	80	100(3.94)	
		1.2(0.047)	12F		50(1.77)	100	115(4.53)	
RL-50-R1	Gravity	0.4(0.016)	04R1	0.9-1.5 (0.09-0.15)	30(1.06)	7	25(1.97)	234(0.51)
		0.6(0.024)	06R1		50(1.77)	40	35(1.38)	
		0.8(0.031)	08R1		50(1.77)	60	35(1.38)	
		1.0(0.039)	10R1		50(1.77)	80	40(1.57)	
		1.2(0.047)	12R1		50(1.77)	100	40(1.57)	
R51-F	Pressure	0.3(0.012)	03F	2.0-2.5 (0.2-0.24)	35(1.24)	6	120(4.72)	281(0.62)
	Gravity	0.5(0.020)	05F		35(1.24)	20	75(2.95)	
		0.8(0.031)	08F		40(1.41)	60	100(3.94)	
		1.0(0.039)	10F		45(1.59)	80	120(4.72)	
R51-R	Pressure	0.3(0.012)	03R	2.0-2.5 (0.2-0.24)	35(1.24)	6	Round	278(0.61)
	Gravity	0.5(0.020)	05R		35(1.24)	20		
		0.8(0.031)	08R		40(1.41)	60		
		1.0(0.039)	10R		45(1.59)	80		

- ◆ RG-3L Spraying distance: 200mm (7.87in). Fluid viscosity: 20±1 second/ RV-2. Fluid and air inlet: 1/4 PF/NPF.
- ◆ RL-50 Spraying distance: 100-200mm (3.94-7.87in). Fluid viscosity: 20±1 second/ RV-2. Fluid and air inlet: 1/4 PF/NPF.
- ◆ R-51F/R Spraying distance: 150mm (5.91in). Fluid viscosity: 20±1 second/ RV-2. Fluid and air inlet: 1/4 PF/NPF.



Functions and Characteristics

◆The needle and nozzle of R21X have high hardness after heat treatment, are wear-resistance and durable.

Model	Type of feed	Nozzle size	Air pressure	Air consumption	Fluid output	Spray width ±20	Weight
		ømm(in)	kg/cm ² (Mpa)	l/min(cfm)	ml/min	mm(in)	g(lbs)
R-21X(N)-G13	Gravity	1.3(0.051)	2.5-3.0 (0.24-0.29)	170(6)	200	210(8.27)	R-21X:427(0.94) R-21XN:439(0.7)
R-21X(N)-G15		1.5(0.059)		200(7.07)	225	230(9.06)	
R-21X(N)-G20		2.0(0.079)		230(8.13)	260	250(9.84)	
R-21X(N)-G25		2.5(0.098)		260(9.19)	300	270(10.63)	
R-21X(N)-S13	Suction	1.3(0.051)	2.5-3.0 (0.24-0.29)	170(6)	180	210(8.27)	R-21X:421(0.93) R-21XN:458(1.01)
R-21X(N)-S15		1.5(0.059)		200(7.07)	200	230(9.06)	
R-21X(N)-S20		2.0(0.079)		230(8.13)	230	250(9.84)	
R-21X(N)-S25		2.5(0.098)		260(9.19)	270	270(10.63)	

◆R-21X(N) Spraying distance: 200mm (7.87in). Fluid viscosity: 20±1 second/ RV-2. Coating pressure: 0.8kg/cm2. Fluid and air inlet: 1/4 PF/NPF.

Functions and Characteristics

◆The needle and nozzle of R21V have high hardness after heat treatment, are wear-resistance and durable.

◆Nozzles and needles are made of S1 stainless steel,suitable for water-based paints.

Model	Type of feed	Nozzle size	Air pressure	Air consumption	Fluid output	Spray width ±20	Weight
		ømm(in)	kg/cm ² (Mpa)	l/min(cfm)	ml/min	mm(in)	g(lbs)
R-21V-G13	Gravity	1.3(0.051)	2.5-3.0 (0.24-0.29)	170(6)	200	210(8.27)	356(0.79)
R-21V-G15		1.5(0.059)		200(7.07)	225	230(9.06)	
R-21V-G20		2.0(0.079)		230(8.13)	260	250(9.84)	
R-21V-G25		2.5(0.098)		260(9.19)	300	270(10.63)	
R-21V-S13	Suction	1.3(0.051)	2.5-3.0 (0.24-0.29)	170(6)	180	210(8.27)	379(0.84)
R-21V-S15		1.5(0.059)		200(7.07)	200	230(9.06)	
R-21V-S20		2.0(0.079)		230(8.13)	230	250(9.84)	
R-21V-S25		2.5(0.098)		260(9.19)	270	270(10.63)	

◆R-21V Spraying distance: 200mm (7.87in). Fluid viscosity: 20±1 second/ RV-2. Coating pressure: 0.8kg/cm2. Fluid and air inlet: 1/4 PF/NPF.



Functions and Characteristics

- ◆ The needle and nozzle of R71 have high hardness after heat treatment, are wear-resistance and durable.
- ◆ The fluid passage, needle and nozzle of R71N are made of stainless steel, ideal for water based paint.

Model	Type of feed	Nozzle size	Air pressure	Air consumption	Fluid output	Spray width ±20	Weight
		ømm(in)	kg/cm ² (Mpa)	l/min(cfm)	ml/min	mm(in)	g(lbs)
R-71(N)-G10	Gravity	1.0(0.039)	2.5-3.0 (0.24-0.29)	75(2.65)	110	120(4.74)	R71:464(1.02) R71N:429(0.95)
R-71(N)-G13		1.3(0.051)		195(6.89)	160	165(6.50)	
R-71(N)-G15		1.5(0.059)		230(8.13)	190	185(7.28)	
R-71(N)-G18		1.8(0.071)		250(8.83)	260	210(8.27)	
R-71(N)-S10	Suction	1.0(0.039)	2.5-3.0 (0.24-0.29)	75(2.65)	95	100(3.94)	R71:458(1.01) R71N:423(0.93)
R-71(N)-S13		1.3(0.051)		195(6.89)	140	155(6.10)	
R-71(N)-S15		1.5(0.059)		230(8.13)	170	170(6.69)	
R-71(N)-S18		1.8(0.071)		250(8.83)	220	180(7.09)	
R-71(N)-P08	Pressure	0.8(0.031)	2.5-3.0 (0.24-0.29)	240(8.48)	200	190(7.48)	R71:458(1.01)
R-71(N)-P10		1.0(0.051)		230(8.13)	300	265(10.43)	RN71:423(0.93)

◆R-71(N) Spraying distance: 200mm (7.87in). Fluid viscosity: 20±1 second/ RV-2. Coating pressure: 0.8kg/cm2. Fluid and air inlet: 1/4 PF/NPF.

Functions and Characteristics

- ◆ The needle and nozzle of R77 have high hardness after heat treatment, are wear-resistance and durable.
- ◆ The fluid passage, needle and nozzle of R77N are made of stainless steel, ideal for water based paint.

Model	Type of feed	Nozzle size	Air pressure	Air consumption	Fluid output	Spray width ±20	Weight
		ømm(in)	kg/cm ² (Mpa)	l/min(cfm)	ml/min	mm(in)	g(lbs)
R-77(N)-G15	Gravity	1.5(0.059)	3.0-3.5 (0.29-0.34)	290(10.25)	270	290(11.42)	R77:555(1.22) R77N:547(1.21)
R-77(N)-G20		2.0(0.079)		360(12.72)	440	320(12.60)	
R-77(N)-G25		2.5(0.098)		460(16.25)	520	320(13)	
R-77(N)-S15	Suction	1.5(0.059)	3.0-3.5 (0.29-0.34)	290(10.25)	250	260(10.24)	R77:539(1.19) R77N:557(1.23)
R-77(N)-S20		2.0(0.079)		360(12.72)	370	290(11.42)	
R-77(N)-S25		2.5(0.098)		460(16.25)	440	300(11.81)	
R-77(N)-S30		3.0(0.118)		460(16.25)	480	320(13)	
R-77(N)-P12	Pressure	1.2(0.047)	3.0-3.5(0.29-0.34)	430(15.19)	480	380(14.96)	R77:539(1.19) R77N:557(1.23)
R-77-P35		3.5(0.138)	3.5-4.0 (0.34-0.39)	500(17.67)	520	440(17.32)	
R-77-P40		4.0(0.157)		520(18.37)	560	460(18.11)	

◆R-77(N) Spraying distance: 250mm (9.84in). Fluid viscosity: 20±1 second/ RV-2. Coating pressure: 0.8kg/cm2.Fluid inlet: 3/8 PF/NPF. Air inlet: 1/4 PF/NPF.



Functions and Characteristics

- ◆Featuring light-weight forged aluminium gun body which provide comfortable holding operation. Surface has processed by anodizing , easy to clean and maintain.
- ◆Needle and nozzle are made of S1 stainless steel, suitable for water based paint.

Model	Type of feed	Nozzle size	Air pressure	Air consumption	Fluid output	Spray width ±20	Weight
		ømm(in)	kg/cm ² (Mpa)	l/min(cfm)	ml/min	mm(in)	g(lbs)
R-711-G10	Gravity	1.0(0.039)	3.0(0.29)	75(2.65)	110	120(4.74)	426(0.93)
R-711-G13		1.3(0.051)		195(6.89)	160	165(6.50)	
R-711-G15		1.5(0.059)		230(8.13)	190	185(7.28)	
R-711-G18		1.8(0.071)		250(8.83)	260	210(8.72)	
R-711-S10	Suction	1.0(0.039)	3.5(0.34)	75(2.65)	95	100(3.94)	426(0.93)
R-711-S13		1.3(0.051)		195(6.89)	140	155(6.10)	
R-711-S15		1.5(0.019)		230(8.13)	170	170(6.69)	
R-711-S18		1.8(0.071)		250(8.83)	220	180(7.09)	
R-711-P08	Pressure	0.8(0.031)	3.0(0.29)	240(8.48)	200	190(7.48)	426(0.93)
R-711-P10		1.0(0.039)		230(8.13)	300	265(10.43)	

◆R-711 Spraying distance: 200mm (7.87in). Fluid viscosity: 20±1 second/ RV-2. Coating pressure: 0.8kg/cm2. Fluid and air inlet: 1/4 PF/NPF.

Functions and Characteristics

- ◆Featuring light-weight forged aluminium gun body which provide comfortable holding operation. Surface has processed by anodizing , easy to clean and maintain.
- ◆Needle and nozzle are made of S1 stainless steel, suitable for water based paint.

Model	Type of feed	Nozzle size	Air pressure	Air consumption	Fluid output	Spray width ±20	Weight
		ømm(in)	kg/cm ² (Mpa)	l/min(cfm)	ml/min	mm(in)	g(lbs)
R-771-G15	Gravity	1.5(0.059)	3.0-3.5 (0.29-0.34)	290(10.25)	270	290(11.42)	457(1.0)
R-771-G20		2.0(0.079)		360(12.72)	440	320(12.60)	
R-771-G25		2.5(0.098)		460(16.25)	520	320(13)	
R-771-S15	Suction	1.5(0.059)	3.0-3.5 (0.29-0.34)	290(10.25)	250	260(10.24)	457(1.0)
R-771-S20		2.0(0.079)		360(12.72)	370	290(11.42)	
R-771-S25		2.5(0.098)		460(16.25)	440	300(11.81)	
R-771-P12	Pressure	1.2(0.047)	3.0-3.5(0.29-0.34)	430(15.19)	480	380(14.96)	457(1.0)

◆R-771 Spraying distance: 250mm (9.84in). Fluid viscosity: 20±1 second/ RV-2. Coating pressure: 0.8kg/cm2. Fluid inlet: 3/8 PF/NPF. Air inlet: 1/4 PF/NPF.



R-100 P
Pressure



R-100 G
Gravity
With RC-4SR Cup



R-100 S
Suction
With RC-2 CUP
(RC-6DC S2 Cup)

Functions and Characteristics

- ◆ Air pressure can be adjusted freshly from 2.5 ~ 3.0 bar, for less over-spray and paint consumption .
- ◆ Featuring large fan pattern, provide fine atomization, high tranfer efficiency and fast application speed.
- ◆ Light weight gun body and soft touch trigger provide better control of operation .
- ◆ Needle, nozzle and material passage are made of stainless steel, suitable for waterborne material.
- ◆ Different size of nozzles and air caps are available.

Model	Type of feed	Nozzle size	Air cap	Air pressure	Air consumption	Fluid output	Spray width ±20	Weight	Use
		ømm(in)		kg/cm ² (Mpa)	l/min(cfm)	ml/min	mm(in)	g(lbs)	
R-100-P08	Pressure	0.8(0.031)	E2P	2.0-3.0 (0.20-0.29)	270(9.54)	150	190(7.74)	407 (0.9)	Automobile, furniture and industry
R-100-P10		1.0(0.039)				200	220(8.66)		
R-100-P13		1.3(0.051)				200	210(8.27)		
R-100-P15		1.5(0.059)				250	240(9.45)		
R-100-G10	Gravity	1.0(0.039)	E1	2.0-3.0 (0.20-0.29)	75(2.65)	95	130(5.12)	407 (0.9)	Light industry.
R-100-G10		1.0(0.039)	E2		145(5.12)	95	200(7.87)		Automobile, furniture and industry
R-100-G13		1.3(0.051)	K1		145(5.12)	150	170(6.69)		Woodwork, furniture and metalwork
R-100-G13		1.3(0.051)	H2		225(7.95)	150	175(6.89)		Automobile, furniture and industry
R-100-G13		1.3(0.051)	H4		210-250(7.42-7.95)	155-170	205-220(8.07-8.66)		Woodwork, furniture and metalwork
R-100-G15		1.5(0.059)	K1		145(5.12)	200	180(7.09)		Automobile, furniture and industry
R-100-G15		1.5(0.059)	H2		225(7.95)	190	190(7.48)		Woodwork, furniture and metalwork
R-100-G18		1.8(0.071)	N2		150(5.3)	240	190(7.48)		Spray for woodwork, furniture and metalwork
R-100-S10	Suction	1.0(0.039)	E1	2.0-3.0 (0.20-0.29)	75(2.65)	85	120(4.72)	407 (0.9)	Light industry.
R-100-S10		1.0(0.039)	E2		145(5.12)	85	200(7.87)		Automobile, furniture and industry
R-100-S13		1.3(0.051)	K1		145(5.12)	150	155(6.10)		Woodwork, furniture and metalwork
R-100-S13		1.3(0.051)	H2		225(7.95)	150	160(6.30)		Automobile, furniture and industry
R-100-S13		1.3(0.051)	H4		210-250(7.42-7.95)	140-150	180-200(7.09-7.87)		Woodwork, furniture and metalwork
R-100-S15		1.5(0.059)	K1		145(5.12)	175	170(6.69)		Automobile, furniture and industry
R-100-S15		1.5(0.059)	H2		225(7.95)	170	175(6.89)		Woodwork, furniture and metalwork
R-100-S18		1.8(0.071)	N2		150(5.3)	210	170(6.69)		Woodwork, furniture and metalwork

◆R-100 Spraying distance: 200mm (7.87in). Fluid viscosity: 20±1 second/ RV-2. Coating pressure: 0.8kg/cm2. Fluid and air inlet: 1/4 PF/NPF.



R-101
Circle Dot
Spray Gun



R-101 G
Gravity
with RC-4SR Cup



R-101 S
Suction
With RC-2 Cup
(RC-6DC S2 Cup)

Model	Type of feed	Nozzle size	Air cap	Air pressure	Air consumption	Fluid output	Spray width ±20	Weight	Use
		ømm(in)		kg/cm ² (Mpa)	l/min(cfm)	ml/min	mm(in)	g(lbs)	
R-101-P08	Pressure	0.8(0.031)	E2P	2.0-3.0 (0.20-0.29)	270(9.54)	150	190(7.48)	330 (0.72)	Automobile, furniture and industry
R-101-P10		1.0(0.039)			270(9.54)	200	220(8.66)		Woodwork, furniture and metalwork.
R-101-P13		1.3(0.051)			220(7.77)	200	210(8.27)		
R-101-P15		1.5(0.059)			220(7.77)	250	240(9.45)		
R-101-G10	Gravity	1.0(0.039)	E1	2.0-3.0 (0.20-0.29)	75(2.65)	95	130(5.12)	330 (0.72)	Light industry.
R-101-G10		1.0(0.039)	E2		145(5.12)	95	200(7.87)		Automobile, furniture and industry
R-101-G13		1.3(0.051)	K1		145(5.12)	160	170(6.69)		Woodwork, furniture and metalwork
R-101-G13		1.3(0.051)	H2		225(7.95)	160	175(6.89)		Automobile, furniture and industry
R-101-G13		1.3(0.051)	H4		210-250(7.42-7.95)	155-170	205-220(8.07-8.66)		Woodwork, furniture and metalwork
R-101-G15		1.5(0.059)	K1		145(5.12)	200	180(7.09)		Automobile, furniture and industry
R-101-G15		1.5(0.059)	H2		225(7.95)	190	190(7.48)		Woodwork, furniture and metalwork
R-101-G18		1.8(0.071)	N2		150(5.3)	240	190(7.48)		Spray for woodwork, furniture and metalwork
R-101-S10	Suction	1.0(0.039)	E1	2.0-3.0 (0.20-0.29)	75(2.65)	85	120(4.72)	330 (0.72)	Light industry.
R-101-S10		1.0(0.039)	E2		145(5.12)	85	200(7.87)		Automobile, furniture and industry
R-101-S13		1.3(0.051)	K1		145(5.12)	150	155(6.10)		Woodwork, furniture and metalwork
R-101-S13		1.3(0.051)	H2		225(7.95)	150	160(6.30)		Automobile, furniture and industry
R-101-S13		1.3(0.051)	H4		210-250(7.42-7.95)	140-150	180-200(7.09-7.87)		Woodwork, furniture and metalwork
R-101-S15		1.5(0.059)	K1		145(5.12)	175	170(6.69)		Automobile, furniture and industry
R-101-S15		1.5(0.059)	H2		225(7.95)	170	175(6.89)		Woodwork, furniture and metalwork
R-101-S18		1.8(0.071)	N2		150(5.3)	210	190(7.48)		Woodwork, furniture and metalwork
R-101-05R	Interchang-able	0.5(0.020)	05R	2.0-3.0 (0.20-0.29)	50(1.77)	30	40(1.57)	315 (0.69)	Automobile, furniture and industry
R-101-08R		0.8(0.031)	08R		70(2.47)	40	60(2.36)		
R-101-10R		1.0(0.039)	08R		80(2.83)	50	75(2.95)		
R-101-13R		1.3(0.051)	08R		90(3.18)	80	90(3.54)		
R-101-15R		1.5(0.059)	08R		100(3.53)	100	105(4.13)		
R-101-18R		1.8(0.071)	18R		120(4.24)	110	95(3.74)		

◆R-101 Spraying distance: 200mm (7.87in). Fluid viscosity: 20±1 second/ RV-2. Coating pressure: 0.8kg/cm2. Fluid and air inlet: 1/4 PF/NPF.



R-103-E2P
Spray pattern



R-103 P
Pressure



R-103 G
Gravity
With RC-4SR Cup



R-103 S
Suction
With RC-2 Cup
(RC-6DC S2 Cup)



R-200 P
Pressure



R-200 G
Gravity
With RC-4R Cup



R-200 S
Suction
With RC-1 Cup
(RC-6DC S1 Cup)

Functions and Characteristics

- ◆ This spray gun provide fine and even atomization; can easily achieve excellent performance.
- ◆ The light-weight gun body is designed according to ergonomics, for better control of operation.
- ◆ Polished gun body is easy to clean and maintain.
- ◆ Wide spray pattern is easy to adjusted, can achieve higher efficiency.
- ◆ Material saving technology, can reduce paint consumption, cost and environmental pollution.
- ◆ Spare parts are made of great quality material, featured with anti-corruption, abrasive and long service life.
- ◆ All spare parts are easy to install, air cap can be changed and cleaned easily.

Functions and Characteristics

- ◆ Air pressure can be adjusted freshly 2.5 ~ 3.0 bar, less over-spray and paint consumption.
- ◆ Featuring large fan pattern, fine atomization, high tranfer efficiency and fast application speed.
- ◆ Light weight gun body and soft touch trigger provide comfortable operation.
- ◆ Needle, nozzle and material passage are made of stainless steel, suitable for waterborne material.
- ◆ Different size of nozzles and air caps are available.

Model	Type of feed	Nozzle size	Air cap	Air pressure	Air consumption	Fluid output	Spray width ±20	Weight	Use
		ømm(in)		kg/cm ² (Mpa)	l/min(cfm)	ml/min	mm(in)	g(lbs)	
R-103-P08	Pressure	0.8(0.031)	E2P	2.0-3.0 (0.20-0.29)	270(9.54)	150	190(7.74)	372 (0.82)	Automobile, furniture and industry
R-103-P10		1.0(0.039)				200	220(8.66)		
R-103-P13		1.3(0.051)				200	210(8.27)		
R-103-P15		1.5(0.059)				250	240(9.45)		
R-103-G10	Gravity	1.0(0.039)	E1	2.0-3.0 (0.20-0.29)	75(2.65)	95	130(5.12)	372 (0.82)	Light industry.
R-103-G10		1.0(0.039)	E2		145(5.12)	95	200(7.87)		Automobile, furniture and industry
R-103-G13		1.3(0.051)	K1		145(5.12)	160	170(6.69)		Woodwork, furniture and metalwork
R-103-G13		1.3(0.051)	H2		225(7.95)	160	175(6.89)		Woodwork, furniture and metalwork
R-103-G13		1.3(0.051)	H4		210-250(7.42-7.95)	155-170	205-220(8.07-8.66)		Automobile, furniture and industry
R-103-G15		1.5(0.059)	K1		145(5.12)	200	180(7.09)		Woodwork, furniture and metalwork
R-103-G15		1.5(0.059)	H2		225(7.95)	190	190(7.48)		Automobile, furniture and industry
R-103-G18		1.8(0.071)	N2		150(5.3)	240	190(7.48)		Woodwork, furniture and metalwork
R-103-S10	Suction	1.0(0.039)	E1	2.0-3.0 (0.20-0.29)	75(2.65)	85	120(4.72)	372 (0.82)	Light industry.
R-103-S10		1.0(0.039)	E2		145(5.12)	85	200(7.87)		Automobile, furniture and industry
R-103-S13		1.3(0.051)	K1		145(5.12)	150	155(6.10)		Woodwork, furniture and metalwork
R-103-S13		1.3(0.051)	H2		225(7.95)	150	160(6.30)		Woodwork, furniture and metalwork
R-103-S13		1.3(0.051)	H4		210-250(7.42-7.95)	140-150	180-200(7.09-7.87)		Automobile, furniture and industry
R-103-S15		1.5(0.059)	K1		145(5.12)	175	170(6.69)		Woodwork, furniture and metalwork
R-103-S15		1.5(0.059)	H2		225(7.95)	170	175(6.89)		Automobile, furniture and industry
R-103-S18		1.8(0.071)	N2		150(5.3)	210	170(6.69)		Woodwork, furniture and metalwork

◆ R-102 Spraying distance: 200mm (7.87in). Fluid viscosity: 20±1 second/ RV-2. Coating pressure: 0.8kg/cm². Fluid and air inlet: 1/4 PF/NPF.

Model	Type of feed	Nozzle size	Air cap	Air pressure	Air consumption	Fluid output	Spray width ±20	Weight	Use
		ømm(in)		kg/cm ² (Mpa)	l/min(cfm)	ml/min	mm(in)	g(lbs)	
R-200-P08	Pressure	0.8(0.031)	G2P	2.5-3.0 (0.24-0.29)	560(19.79)	400	350(13.78)	446 (0.98)	Extensive painting
R-200-P10		1.0(0.039)	G2P		560(19.79)	400	350(13.78)		
R-200-P12		1.2(0.047)	G2P		560(19.79)	500	400(15.75)		
R-200-G15	Gravity	1.5(0.059)	K1	2.5-3.0 (0.24-0.29)	200(7.07)	270	220(8.66)	442 (0.97)	Automobile and industry
R-200-G15		1.5(0.059)	K2		330(11.66)	270	340(13.39)		
R-200-G18		1.8(0.071)	K2		290(11.66)	290	340(13.39)		
R-200-G20		2.0(0.079)	R1		260(9.19)	410	280(11.02)		
R-200-G20		2.0(0.079)	R2		360(12.72)	410	320(12.6)		
R-200-G25		2.5(0.098)	W2		360(12.72)	510	330(13)		High viscosity painting metalwork and wood
R-200-S15	Suction	1.5(0.059)	K1	2.5-3.0 (0.24-0.29)	200(7.07)	240	210(8.27)	446 (0.98)	Automobile and industry
R-200-S15		1.5(0.059)	K2		330(11.66)	340	290(11.42)		
R-200-S18		1.8(0.071)	K2		330(11.66)	290	340(13.39)		
R-200-S20		2.0(0.079)	R1		260(11.66)	350	260(10.24)		
R-200-S20		2.0(0.079)	R2		360(12.72)	350	290(11.26)		
R-200-S25		2.5(0.10)	W2		360(12.72)	440	280(11.02)		High viscosity painting metalwork and wood

◆ R-200 Spraying distance: 250mm (9.84in). Fluid viscosity: 20±1 second/ RV-2. Coating pressure: 0.8kg/cm². Fluid inlet: 3/8 PF/NPF. Air inlet: 1/4 PF/NPF.



R-203
Circle Dot
Spray Gun



R-203 G
Gravity
With RC-4R Cup



R-203 S
Suction
With RC-1 Cup
(RC-6DC S1 Cup)

R303-N2
Spray pattern



R-303 G
Gravity
With RC-6M Cup
(RC-6DC G1 Cup)



R-400 G
Gravity
With RC-6M Cup
(RC-6DC G1 Cup)



R-403 G
Gravity
With RC-6M Cup
(RC-6DC G1 Cup)

Functions and Characteristics

- ◆ This spray gun provide fine and even atomization; can easily achieve excellent performance.
- ◆ The light-weight gun body is designed according to ergonomics, for better control of operation.
- ◆ Polished gun body is easy to clean and maintain.
- ◆ Wide spray pattern is easy to adjusted, can achieve higher efficiency.
- ◆ Material saving technology, can reduce paint consumption, cost and environmental pollution.
- ◆ Parts are made of great quality material, featured with anti-corruption, abrasive and long service life.
- ◆ All the spare parts are easy to install, air cap can be changed and cleaned easily.

Model	Type of feed	Nozzle size	Air cap	Air pressure	Air consumption	Fluid output	Spray width ±20	Weight	Use
		ømm(in)		kg/cm ² (Mpa)	l/min(cfm)	ml/min	mm(in)	g(lbs)	
R-203-P08	Pressure	0.8(0.031)	G2P	2.5-3.0 (0.24-0.29)	560(19.79)	400	350(13.78)	455 (1.0)	Extensive painting
R-203-P10		1.0(0.039)	G2P		560(19.79)	400	350(13.78)		
R-203-P12		1.2(0.047)	G2P		560(19.79)	500	400(15.75)		
R-203-G15	Gravity	1.5(0.059)	K1	2.5-3.0 (0.24-0.29)	200(7.07)	270	220(8.66)	455 (1.0)	Automobile and industry
R-203-G15		1.5(0.059)	K2		330(12.72)	270	340(13.39)		
R-203-G18		1.8(0.071)	K2		290(10.25)	290	340(13.39)		
R-203-G20		2.0(0.079)	R1		260(9.19)	410	280(11.02)		
R-203-G20		2.0(0.079)	R2		360(12.72)	410	320(12.6)		
R-203-G25		2.5(0.098)	W2		360(12.72)	510	330(13)		
R-203-S15	Suction	1.5(0.059)	K1	2.5-3.0 (0.24-0.29)	200(7.07)	240	210(8.27)	455 (1.0)	Automobile and industry
R-203-S15		1.5(0.059)	K2		330(11.66)	240	290(11.42)		
R-203-S18		1.8(0.071)	K2		290(10.25)	290	340(13.39)		
R-203-S20		2.0(0.079)	R1		260(9.19)	350	260(10.24)		
R-203-S20		2.0(0.079)	R2		360(12.72)	350	290(11.42)		
R-203-S25		2.5(0.098)	W2		360(12.72)	510	330(13)		
R-203-15R	All 3 tpses	1.5(0.059)	15R	2.5-3.0 (0.24-0.29)	270(9.54)	325	90(3.54)	440 (0.97)	Automobile and industry
R-203-18R		1.8(0.059)	15R		290(10.25)	425	105(4.13)		
R-203-20R		2.0(0.071)	20R		360(12.72)	470	110(4.33)		
R-203-25R		2.5(0.098)	25R		360(12.72)	460	110(4.33)		

◆ R-203 Spraying distance: 250mm (9.84in). Fluid viscosity: 20±1 second/ RV-2. Coating pressure: 0.8kg/cm². Fluid inlet: 3/8 PF/NPF. Air inlet: 1/4 PF/NPF.

Functions and Characteristics

- ◆ Provide finer atomization and homogeneous spray pattern, reduce over spray in low air pressure.
- ◆ The knob design provides easy adjustment.
- ◆ Fluid liner inside the fluid cup support better atomization and steable performance.
- ◆ Nozzle and needle are made of stainless steel, suitable for water-based paints.

Model	Type of feed	Nozzle size	Air cap	Air pressure	Air consumption	Fluid output	Spray width ±20	Weight	Use
		ømm(in)		kg/cm ² (Mpa)	l/min(cfm)	ml/min	mm(in)	g(lbs)	
R-303-G10	Gravity	1.0(0.039)	E1	2.0-2.5 (0.2-0.24)	75(2.65)	175	130(5.12)	378 (0.83)	Light industry
R-303-G10		1.0(0.039)	E2		145(5.12)	150	200(7.87)		Automobile, furniture and industry
R-303-G13		1.3(0.051)	K1		145(5.12)	280	170(6.69)		Woodwork, furniture and metalwork
R-303-G13		1.3(0.051)	H2		225(7.95)	200	175(6.89)		Woodwork, furniture and industry
R-303-G13		1.3(0.051)	H4		210-250(7.42-8.83)	200	205-220(8.07-8.66)		Woodwork, furniture and metalwork
R-303-G15		1.5(0.059)	K1		145(5.12)	335	180(7.09)		Woodwork, furniture and metalwork
R-303-G15		1.5(0.059)	H2		225(7.95)	235	190(7.48)		Woodwork, furniture and industry
R-303-G18		1.8(0.071)	N2		150(5.3)	280	190(7.48)		Woodwork, furniture and metalwork
R-400-G12	Gravity	1.2(0.047)	LV2	2.0-3.0 (0.2-0.29)	320(11.3)	160	230-250(9.06-9.84)	443 (0.97)	Automobile
R-400-G13		1.3(0.051)	LV2		320(11.3)	180	240-260(9.45-10.24)		Automobile, furniture and industry
R-400-G14		1.4(0.055)	LV2		320(11.3)	215	250-275(9.84-10.82)		Automobile, furniture and industry
R-400-G15		1.5(0.059)	LV2		320(11.3)	270	260-280(10.24-11.02)		Automobile, furniture and industry
R-400-G16		1.6(0.063)	LV2		320(11.3)	275	300-340(11.81-13.39)		Automobile, furniture and industry
R-400-G18		1.8(0.071)	LV2		320(11.3)	330	330-355(12.99-13.38)		Middle viscosity painting, metalwork and woodwork
R-400-G20		2.0(0.079)	LV2		320(11.3)	390	320-360(12.60-14.37)		High Viscosity painting, metalwork and woodwork.
R-400-G25		2.5(0.098)	W2		360(12.72)	510	320(12.60)		High Viscosity painting, metalwork and woodwork.
R-403-G12	Gravity	1.2(0.047)	LV2	2.0-3.0 (0.2-0.29)	320(11.3)	160	230-250(9.06-9.84)	449 (0.98)	Automobile
R-403-G13		1.3(0.051)	LV2		320(11.3)	180	240-260(9.45-10.24)		Automobile, furniture and industry
R-403-G14		1.4(0.055)	LV2		320(11.3)	215	250-275(9.84-10.82)		Automobile, furniture and industry
R-403-G15		1.5(0.059)	LV2		320(11.3)	270	260-280(10.24-11.02)		Automobile, furniture and industry
R-403-G16		1.6(0.063)	LV2		320(11.3)	275	300-340(11.81-13.39)		Automobile, furniture and industry
R-403-G18		1.8(0.071)	LV2		320(11.3)	330	330-355(12.99-13.38)		Middle viscosity painting, metalwork and woodwork
R-403-G20		2.0(0.079)	LV2		320(11.3)	390	320-360(12.60-14.37)		High Viscosity painting, metalwork and woodwork.
R-403-G25		2.5(0.098)	W2		360(12.72)	510	320(12.60)		High Viscosity painting, metalwork and woodwork.

◆ R-303 Spraying distance: 200mm (7.87in). Fluid viscosity: 20±1 second/ RV-2. Fluid inlet: M16X1.5P. Air inlet: 1/4 PF/NPF.

◆ R-400/R-403 Spraying distance: 250mm (9.84in). Fluid viscosity: 20±1 second/ RV-2. Fluid inlet: M16X1.5P. Air inlet: 1/4 PF/NPF.

R110-H2
Spray pattern



Functions and Characteristics

- ◆ This spray gun provide fine atomization; easily achieve excellent performance.
- ◆ Featuring light-weight forged aluminium gun body which provide comfortable holding operation. Surface has processed by anodizing and sand blasting, easy to clean and maintain.
- ◆ The gun body is designed according to ergonomics, ensure beautiful lines for triggers and provide comfortable holding operation.
- ◆ Material paint saving technology can reduce paint consumption, cost and environmental pollution.
- ◆ Parts are made of great quality material, featured with anti-corruption, abrasive and long service life.
- ◆ Wide spray pattern can help achieve higher efficiency.

Model	Type of feed	Nozzle size	Air cap	Air pressure	Air consumption	Fluid output	Spray width ±20	Weight	Use
		ømm (in)		kg/cm ² (Mpa)	l/min(cfm)	ml/min	mm(in)	g(lbs)	
R-110-P08	Pressure	0.8(0.031)	E2P	2.0-3.0 (0.20-0.29)	270(9.54)	150	190(7.74)	429 (0.94)	Automobile, furniture and industry
R-110-P10		1.0(0.039)				200	220(8.66)		
R-110-P13		1.3(0.051)				200	210(8.27)		Woodwork, furniture and industry
R-110-P15		1.5(0.059)				250	240(9.45)		
R-110-G10	Gravity	1.0(0.039)	E1	2.0-3.0 (0.20-0.29)	75(2.65)	95	130(5.12)	432 (0.95)	Light industry
R-110-G10		1.0(0.039)	E2		145(5.12)	95	200(7.87)		Automobile, furniture and industry
R-110-G13		1.3(0.051)	K1		145(5.12)	160	170(6.69)		Woodwork, furniture and Metalwork
R-110-G13		1.3(0.051)	H2		225(7.95)	160	175(6.89)		Automobile, furniture and industry
R-110-G13		1.3(0.051)	H4		210-250(7.42-7.95)	155-170	205-220(8.07-8.66)		Automobile, furniture and industry
R-110-G15		1.5(0.059)	K1		145(5.12)	200	180(7.09)		Woodwork, furniture and Metalwork
R-110-G15		1.5(0.059)	H2		225(7.95)	190	190(7.48)		Automobile, furniture and industry
R-110-G18		1.8(0.071)	N2		150(5.3)	240	190(7.48)		Woodwork, furniture and Metalwork
R-110-S10	Suction	1.0(0.039)	E1	2.0-3.0 (0.20-0.29)	75(2.65)	85	120(4.72)	429 (0.94)	Light industry
R-110-S10		1.0(0.039)	E2		145(5.12)	85	200(7.87)		Automobile, furniture and industry
R-110-S13		1.3(0.051)	K1		145(5.12)	150	155(6.10)		Woodwork, furniture and Metalwork
R-110-S13		1.3(0.051)	H2		225(7.95)	150	160(6.30)		Automobile, furniture and industry
R-110-S13		1.3(0.051)	H4		210-250(7.42-7.95)	140-150	180-200(7.09-7.87)		Automobile, furniture and industry
R-110-S15		1.5(0.059)	K1		145(5.12)	175	170(6.69)		Woodwork, furniture and Metalwork
R-110-S15		1.5(0.059)	H2		225(7.95)	170	175(6.89)		Automobile, furniture and industry
R-110-S18		1.8(0.071)	N2		150(5.3)	210	170(6.69)		Woodwork, furniture and Metalwork

◆R-110 Spraying distance: 200mm (7.87in). Fluid viscosity: 20±1 second/ RV-2. Coating pressure: 0.8kg/cm². Fluid and air inlet: 1/4 PF/NPF.

Model	Type of feed	Nozzle size	Air cap	Air pressure	Air consumption	Fluid output	Spray width ±20	Weight	Use
		ømm (in)		kg/cm ² (Mpa)	l/min(cfm)	ml/min	mm(in)	g(lbs)	
R-210-P08	Pressure	0.8(0.031)	G2P	2.5-3.0 (0.24-0.29)	560(19.79)	400	350(13.78)	468 (1.03)	Extensive painting
R-210-P10		1.0(0.039)	G2P		560(19.79)	400	350(13.78)		
R-210-P12		1.2(0.047)	G2P		560(19.79)	500	400(15.75)		
R-210-G15	Gravity	1.5(0.059)	K1	2.5-3.0 (0.24-0.29)	200(7.07)	270	220(8.66)	491 (1.08)	Automobile and industry
R-210-G15		1.5(0.059)	K2		330(11.66)	270	340(13.39)		
R-210-G18		1.8(0.071)	K2		290(10.25)	290	340(13.39)		Middle viscosity painting, metalwork and woodwork
R-210-G20		2.0(0.079)	R1		260(9.19)	410	280(11.02)		
R-210-G20		2.0(0.079)	R2		360(12.72)	410	320(12.60)		High viscosity painting metalwork and woodwork
R-210-G25		2.5(0.098)	W2		360(12.72)	510	330(13)		
R-210-S15	Suction	1.5(0.051)	K1	2.5-3.0 (0.24-0.29)	200(7.07)	240	210(8.27)	468 (1.03)	Automobile and industry
R-210-S15		1.5(0.051)	K2		330(11.66)	240	290(11.42)		
R-210-S18		1.8(0.071)	K2		330(11.66)	290	340(13.39)		Middle viscosity painting, metalwork and woodwork
R-210-S20		2.0(0.079)	R1		260(9.19)	350	260(10.24)		
R-210-S20		2.0(0.079)	R2		300(10.6)	350	290(11.42)		High viscosity painting metalwork and woodwork
R-210-S25		2.5(0.098)	W2		300(10.6)	440	280(11.02)		

◆R-210 Spraying distance: 250mm (9.84in). Fluid viscosity: 20±1 second/ RV-2. Coating pressure: 0.8kg/cm². Fluid and air inlet: 1/4 PF/NPF.

R110-H2
Spray pattern



Functions and Characteristics

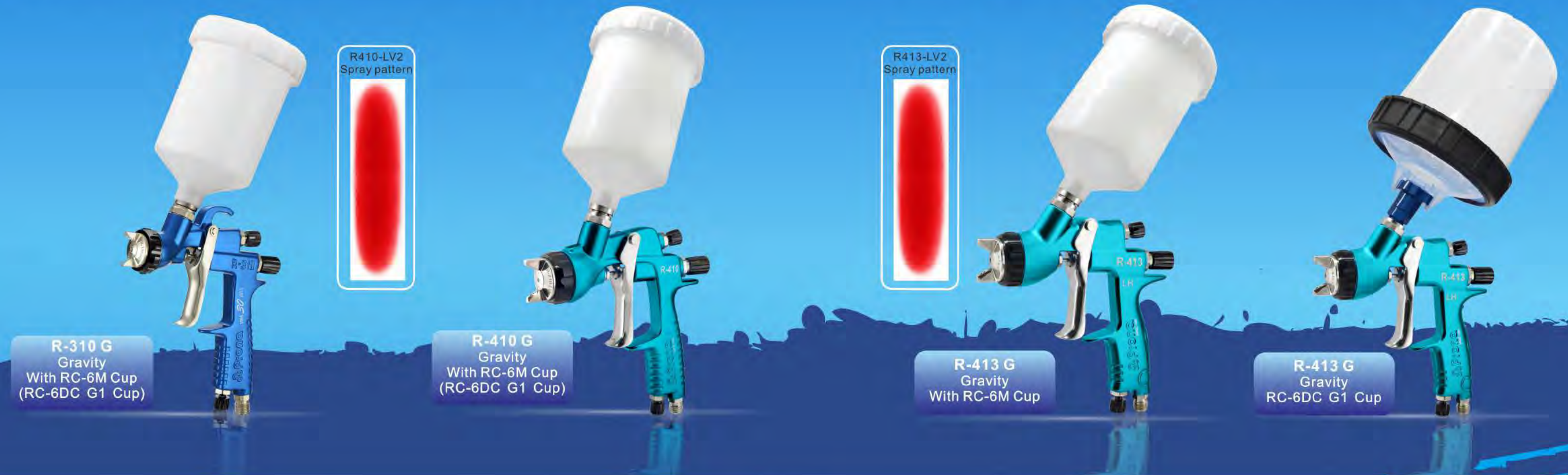
- ◆ This spray gun provide fine atomization; easily achieve excellent performance.
- ◆ Featuring light-weight forged aluminium gun body which provide comfortable holding operation. Surface has processed by anodizing and sand blasting, easy to clean and maintain.
- ◆ The gun body is designed according to ergonomics, ensure beautiful lines for triggers and provide comfortable holding operation.
- ◆ Material paint saving technology can reduce paint consumption, cost and environmental pollution.
- ◆ Parts are made of great quality material, featured with anti-corruption, abrasive and long service life.
- ◆ Wide spray pattern can help achieve higher efficiency.

Model	Type of feed	Nozzle size	Air cap	Air pressure	Air consumption	Fluid output	Spray width ±20	Weight	Use
		ømm (in)		kg/cm ² (Mpa)	l/min(cfm)	ml/min	mm(in)	g(lbs)	
R-110N-P08	Pressure	0.8(0.031)	E2P	2.0-3.0 (0.20-0.29)	270(9.54)	150	190(7.74)	358 (0.79)	Automobile, furniture and industry
R-110N-P10		1.0(0.039)				200	220(8.66)		Woodwork, furniture and industry
R-110N-P13		1.3(0.051)				200	210(8.27)		
R-110N-P15		1.5(0.059)				250	240(9.45)		
R-110N-G10	Gravity	1.0(0.039)	E1	2.0-3.0 (0.20-0.29)	75(2.65)	95	130(5.12)	358 (0.79)	Light industry
R-110N-G10		1.0(0.039)	E2		145(5.12)	95	200(7.87)		Automobile, furniture and industry
R-110N-G13		1.3(0.051)	K1		145(5.12)	160	170(6.69)		Woodwork, furniture and Metalwork
R-110N-G13		1.3(0.051)	H2		225(7.95)	160	175(6.89)		Automobile, furniture and industry
R-110N-G13		1.3(0.051)	H4		210-250(7.42-7.95)	155-170	205-220(8.07-8.66)		
R-110N-G15		1.5(0.059)	K1		145(5.12)	200	180(7.09)		Woodwork, furniture and Metalwork
R-110N-G15		1.5(0.059)	H2		225(7.95)	190	190(7.48)		Automobile, furniture and industry
R-110N-G18		1.8(0.071)	N2		150(5.3)	240	190(7.48)		Woodwork, furniture and Metalwork
R-110N-S10	Suction	1.0(0.039)	E1	2.0-3.0 (0.20-0.29)	75(2.65)	85	120(4.72)	358 (0.79)	Light industry
R-110N-S10		1.0(0.039)	E2		145(5.12)	85	200(7.87)		Automobile, furniture and industry
R-110N-S13		1.3(0.051)	K1		145(5.12)	150	155(6.10)		Woodwork, furniture and Metalwork
R-110N-S13		1.3(0.051)	H2		225(7.95)	150	160(6.30)		Automobile, furniture and industry
R-110N-S13		1.3(0.051)	H4		210-250(7.42-7.95)	140-150	180-200(7.09-7.87)		
R-110N-S15		1.5(0.059)	K1		145(5.12)	175	170(6.69)		Woodwork, furniture and Metalwork
R-110N-S15		1.5(0.059)	H2		225(7.95)	170	175(6.89)		Automobile, furniture and industry
R-110N-S18		1.8(0.071)	N2		150(5.3)	210	170(6.69)		Woodwork, furniture and Metalwork

◆R-110N Spraying distance: 200mm (7.87in). Fluid viscosity: 20±1 second/ RV-2. Coating pressure: 0.8kg/cm2. Fluid and air inlet: 1/4 PF/NPF.

Model	Type of feed	Nozzle size	Air cap	Air pressure	Air consumption	Fluid output	Spray width ±20	Weight	Use
		ømm (in)		kg/cm ² (Mpa)	l/min(cfm)	ml/min	mm(in)	g(lbs)	
R-210N-P08	Pressure	0.8(0.031)	G2P	2.5-3.0 (0.24-0.29)	560(19.79)	400	350(13.78)	420 (0.93)	Extensive painting
R-210N-P10		1.0(0.039)	G2P		560(19.79)	400	350(13.78)		
R-210N-P12		1.2(0.047)	G2P		560(19.79)	500	400(15.75)		
R-210N-G15	Gravity	1.5(0.059)	K1	2.5-3.0 (0.24-0.29)	200(7.07)	270	220(8.66)	420 (0.93)	Automobile and industry
R-210N-G15		1.5(0.059)	K2		330(11.66)	270	340(13.39)		Middle viscosity painting, metalwork and woodwork
R-210N-G18		1.8(0.071)	K2		290(10.25)	290	340(13.39)		
R-210N-G20		2.0(0.079)	R1		260(9.19)	410	280(11.02)		High viscosity painting metalwork and woodwork
R-210N-G20		2.0(0.079)	R2		360(12.72)	410	320(12.60)		
R-210N-G25		2.5(0.098)	W2		360(12.72)	510	330(13)		
R-210N-S15	Suction	1.5(0.051)	K1	2.5-3.0 (0.24-0.29)	200(7.07)	240	210(8.27)	420 (0.93)	Automobile and industry
R-210N-S15		1.5(0.051)	K2		330(11.66)	240	290(11.42)		Middle viscosity painting, metalwork and woodwork
R-210N-S18		1.8(0.071)	K2		330(11.66)	290	340(13.39)		
R-210N-S20		2.0(0.079)	R1		260(9.19)	350	260(10.24)		High viscosity painting metalwork and woodwork
R-210N-S20		2.0(0.079)	R2		300(10.6)	350	290(11.42)		
R-210N-S25		2.5(0.098)	W2		300(10.6)	440	280(11.02)		

◆R-210N Spraying distance: 250mm (9.84in). Fluid viscosity: 20±1 second/ RV-2. Coating pressure: 0.8kg/cm2. Fluid and air inlet: 1/4 PF/NPF.



Model	Type of feed	Nozzle size	Air cap	Air pressure	Air consumption	Fluid output	Spray width ±20	Weight	Use
		ømm(in)		kg/cm ² (Mpa)	l/min(cfm)	ml/min	mm(in)	g(lbs)	
R-310-G10	Gravity	1.0(0.039)	E1	2.0-2.5 (0.2-0.24)	75(2.65)	175	130(5.12)	356 (0.78)	Light industry
R-310-G10		1.0(0.039)	E2		145(5.12)	150	200(7.87)		Automobile, furniture and industry
R-310-G13		1.3(0.051)	K1		145(5.12)	280	170(6.69)		Woodwork, furniture and metalwork
R-310-G13		1.3(0.051)	H2		225(7.95)	200	175(6.89)		Woodwork, furniture and industry
R-310-G13		1.3(0.051)	H4		210-250(7.42-8.83)	200	205-220(8.07-8.66)		Woodwork, furniture and industry
R-310-G15		1.5(0.059)	K1		145(5.12)	335	180(7.09)		Woodwork, furniture and metalwork
R-310-G15		1.5(0.059)	H2		225(7.95)	235	190(7.48)		Woodwork, furniture and industry
R-310-G18		1.8(0.071)	N2		150(5.3)	280	190(7.48)		Woodwork, furniture and metalwork
R-410-G12	Gravity	1.2(0.047)	LV2	2.0-3.0 (0.2-0.29)	320(11.3)	160	230-250(9.06-9.84)	467 (1.03)	Automobile
R-410-G13		1.3(0.051)	LV2		320(11.3)	180	240-260(9.45-10.24)		Automobile
R-410-G14		1.4(0.055)	LV2		320(11.3)	215	250-275(9.84-10.82)		Automobile, furniture and industry
R-410-G15		1.5(0.059)	LV2		320(11.3)	270	260-280(10.24-11.02)		Automobile
R-410-G16		1.6(0.063)	LV2		320(11.3)	275	300-340(11.81-13.39)		Automobile, furniture and industry
R-410-G18		1.8(0.071)	LV2		320(11.3)	330	330-335(12.99-13.98)		Middle viscosity painting, metalwork and woodwork
R-410-G20		2.0(0.079)	LV2		360(11.3)	410	320(12.60)		High viscosity painting, metalwork and woodwork.
R-410-G25		2.5(0.098)	W2	2.5-3.0 (0.24-0.29)	360(11.3)	510	320(12.60)		

♦R-310 Spraying distance: 200mm (7.87in). Fluid viscosity: 20±1 second/ RV-2. Fluid inlet: M16X1.5P. Air inlet: 1/4 PF/NPF.

♦R-410 Spraying distance: 250mm (9.84in). Fluid viscosity: 20±1 second/ RV-2. Fluid inlet: M16X1.5P. Air inlet: 1/4 PF/NPF.

Functions and Characteristics

- ♦Light weight forged aluminium gun body provides better control of operation. Anodizing and sand blasting surface is easy to clean and maintain.
- ♦Provide finer atomization and homogeneous spray pattern, reduce over spray perfectly in low air pressure.
- ♦The knob design provides easy adjustment.
- ♦Fluid liner inside the fluid cup supports better atomization and steable performance .
- ♦Nozzle and needle are made of stainless steel, suitable for water-based paints.

Model	Type of feed	Nozzle size	Air cap	Air pressure	Air consumption	Fluid output	Spray width ±20	Weight	Use
		ømm(in)		kg/cm ² (Mpa)	l/min(cfm)	ml/min	mm(in)	g(lbs)	
R-413-G12	Gravity	1.2(0.047)	LV2	2.0-3.0 (0.2-0.29)	320(11.3)	160	230-250(9.06-9.84)	453 (1.03)	Automobile
R-413-G13		1.3(0.051)	LV2		320(11.3)	180	240-260(9.45-10.24)		Automobile, furniture and industry
R-413-G14		1.4(0.055)	LV2		320(11.3)	215	250-275(9.84-10.82)		Automobile
R-413-G15		1.5(0.059)	LV2		320(11.3)	270	260-280(10.24-11.02)		Automobile, furniture and industry
R-413-G16		1.6(0.063)	LV2		320(11.3)	275	300-340(11.81-13.39)		Automobile
R-413-G18		1.8(0.071)	LV2		320(11.3)	330	330-335(12.99-13.98)		Automobile, furniture and industry
R-413-G20		2.0(0.079)	LV2		320(11.3)	410	320(12.60)		Middle viscosity painting, metalwork and woodwork
R-413-G25		2.5(0.098)	W2	2.5-3.0 (0.24-0.29)	360(12.72)	510	320(12.60)		High viscosity painting, metalwork and woodwork.

♦R-413 Spraying distance: 250mm (9.84in). Fluid viscosity: 20±1 second/ RV-2. Fluid inlet: M16X1.5P. Air inlet: 1/4 PF/NPF.



Functions and Characteristics

- ◆ Light weight forged aluminium gun body provides better control of operation. Anodizing and sand blasting, surface is easy to clean and maintain.
- ◆ The nozzle and needle are made of S1 stainless steel, suitable for water-based paints.

Model	Type of feed	Nozzle size	Air pressure	Air consumption	Fluid output	Spray width ±20	Weight
		ømm(in)	kg/cm ² (Mpa)	l/min(cfm)	ml/min	mm(in)	g(lbs)
R-715-G10	Gravity	1.0(0.039)	3.0(0.29)	75(2.65)	110	120(4.74)	441(0.97)
R-715-G13		1.3(0.051)		195(6.89)	160	165(6.50)	
R-715-G15		1.5(0.059)		230(8.13)	190	185(7.28)	
R-715-G18		1.8(0.071)		250(8.83)	260	210(8.72)	
R-715-S10	Suction	1.0(0.039)	3.5(0.34)	75(2.65)	95	100(3.94)	441(0.97)
R-715-S13		1.3(0.051)		195(6.89)	140	155(6.10)	
R-715-S15		1.5(0.019)		230(8.13)	170	170(6.69)	
R-715-S18		1.8(0.071)		250(8.83)	220	180(7.09)	
R-715-P08	Pressure	0.8(0.031)	3.0(0.29)	240(8.48)	200	190(7.48)	492(0.97)
R-715-P10		1.0(0.039)		230(8.13)	300	265(10.43)	
R-775-G15	Gravity	1.5(0.059)	3.5(0.34)	290(10.23)	270	290(11.42)	492(0.97)
R-775-G20		2.0(0.079)		360(12.72)	440	320(12.60)	
R-775-G25		2.5(0.098)		460(16.25)	520	320(12.60)	
R-775-S15	Suction	1.5(0.059)	3.5(0.34)	290(10.25)	250	260(10.24)	492(0.97)
R-775-S20		2.0(0.079)		360(12.72)	370	290(11.42)	
R-775-S25		2.5(0.098)		460(16.25)	440	300(11.81)	
R-775-S30		3.0(0.118)		460(16.25)	480	320(12.60)	
R-775-P12	Pressure	1.2(0.047)	3.5(0.34)	430(15.19)	480	380(14.96)	492(0.97)

- ◆ R-715 Spraying distance: 200mm (7.87in). Fluid viscosity: 20±1 second/ RV-2. Coating pressure: 0.8kg/cm². Fluid and air inlet: 1/4 PF/NPF.
- ◆ R-775 Spraying distance: 250mm (9.84in). Fluid viscosity: 20±1 second/ RV-2. Coating pressure: 0.8kg/cm². Fluid inlet: 3/8 PF/NPF. Air inlet: 1/4 PF/NPF.



Functions and Characteristics

- ◆ This is a gravity feed spray gun with pressurized cup, the internal cup pressure can be control by adjusting the throttle valve. Suitable for high viscosity paint, can spray higher fluid spraying volume, improve efficiency.
- ◆ Provide better atomization and adhesion.
- ◆ R410-IP fill pressure type: when spraying pressure increase by filling air from spray gun to fluid cup, internal pressure can be adjust by the throttle valve on the gun body. When spray gun is not in use, no air will be supply to the fluid cup. During the operation of spray gun, **the internal cup pressure can not exceed 2kg/cm²**.
- ◆ R410-DP steady pressure type: pressure increase by filling air from external to fluid cup, internal cup pressure can be adjust by the throttle valve on relief valve. the air will be continually supply to the fluid cup in order to stablized the pressure. When spray gun is not in use, the throttle valve shoule be turn off, then release the pressure. During the operation of spray gun, **the internal cup pressure can not exceed 2kg/cm²**.
- ◆ Fluid liner inside the fluid cup supports better atomization and steable performance.
- ◆ Nozzle and needle are made of stainless steel, suitable for water-based paints.

Model	Type of feed	Nozzle size	Air cap	Air pressure	Air consumption	Fluid output	Spray width ±20	Weight	Use
		ømm(in)		kg/cm ² (Mpa)	l/min(cfm)	ml/min	mm(in)	g(lbs)	
R-410-IP-P12	Gravity	1.2(0.047)	LV2	2.0-3.0 (0.2-0.29)	320(11.3)	160	230-250(9.06-9.84)	620 (1.37)	Automobile
R-410-IP-P13		1.3(0.051)	LV2		320(11.3)	180	240-260(9.45-10.24)		
R-410-IP-P14		1.4(0.055)	LV2		320(11.3)	215	250-275(9.84-10.82)		
R-410-IP-P15		1.5(0.059)	LV2		320(11.3)	270	260-280(10.24-11.02)		
R-410-IP-P16		1.6(0.063)	LV2		320(11.3)	275	300-340(11.81-13.39)		Automobile, furniture and industry Middle/high viscosity painting, metalwork and woodwork High viscosity painting, metalwork and woodwork.
R-410-IP-P18		1.8(0.071)	LV2		320(11.3)	330	330-355(12.99-13.98)		
R-410-IP-P20		2.0(0.079)	LV2		360(11.3)	410	320(12.60)		
R-410-IP-G25		2.5(0.098)	W2	2.5-3.0 (0.24-0.29)	360(12.72)	510	320(12.60)		
R-410-DP-P12	Gravity	1.2(0.047)	LV2	2.0-3.0 (0.2-0.29)	320(11.3)	160	230-250(9.06-9.84)	745 (1.64)	Automobile
R-410-DP-P13		1.3(0.051)	LV2		320(11.3)	180	240-260(9.45-10.24)		
R-410-DP-P14		1.4(0.055)	LV2		320(11.3)	215	250-275(9.84-10.82)		
R-410-DP-P15		1.5(0.059)	LV2		320(11.3)	270	260-280(10.24-11.02)		
R-410-DP-P16		1.6(0.063)	LV2		320(11.3)	275	300-340(11.81-13.39)		Automobile, furniture and industry Middle/high viscosity painting, metalwork and woodwork High viscosity painting, metalwork and woodwork.
R-410-DP-P18		1.8(0.071)	LV2		320(11.3)	330	330-355(12.99-13.98)		
R-410-DP-P20		2.0(0.079)	LV2		360(12.72)	410	320(12.60)		
R-410-DP-G25		2.5(0.098)	W2	2.5-3.0 (0.24-0.29)	360(12.72)	510	320(12.60)		

- ◆ R-410-IP Spraying distance: 250mm (9.84in). Fluid viscosity: 20±1 second/ RV-2. Fluid inlet: M16X1.5P. Air inlet: 1/4 PF/NPF.
- ◆ R-410-DP Spraying distance: 250mm (9.84in). Fluid viscosity: 20±1 second/ RV-2. Fluid inlet: M16X1.5P. Air inlet: 1/4 PF/NPF.



R-77-B G
Gravity
With RC-4R-B Cup



R-413-B G
Gravity
With RC-6M-B Cup



R-4300(S)-P
Pressure



R-4300(S)-S
Suction
With RC-1 CUP
(RC-6DC S1 Cup)

Functions and Characteristics

- ◆ Light weight forged aluminium gun body provides better control of operation. Anodizing and sand blasting surface is easy to clean and maintain.
- ◆ Provide finer atomization and homogeneous spray pattern, reduce over spray perfectly in low air pressure.
- ◆ Nozzle and needle are made of stainless steel, suitable for water-based paints.

Model	Type of feed	Nozzle size	Air cap	Air pressure	Air consumption	Fluid output	Spray width ±20	Weight
		ømm(in)		kg/cm ² (Mpa)	l/min(cfm)	ml/min	mm(in)	g(lbs)
R-77-B-G15	Gravity	1.5(0.059)		3.0-3.5 (0.29-0.34)	290(10.25)	270	290(11.42)	590(1.3)
R-77-B-G20		2.0(0.079)			360(12.72)	440	320(12.60)	
R-77-B-G25		2.5(0.098)			460(16.25)	520	330(13)	
R-413-B-G12	Gravity	1.2(0.047)	LV2	2.0-3.0 (0.2-0.29)	320(11.3)	160	230-250(9.06-9.84)	690 (1.52)
R-413-B-G13		1.3(0.051)	LV2		320(11.3)	180	240-260(9.45-10.24)	
R-413-B-G14		1.4(0.055)	LV2		320(11.3)	215	250-275(9.84-10.82)	
R-413-B-G15		1.5(0.059)	LV2		320(11.3)	270	260-280(10.24-11.02)	
R-413-B-G16		1.6(0.063)	LV2		320(11.3)	275	300-340(11.81-13.39)	
R-413-B-G18		1.8(0.071)	LV2		320(11.3)	330	330-335(12.99-13.98)	
R-413-B-G20		2.0(0.079)	LV2		320(11.3)	390	320-365(12.60-14.37)	
R-413-B-G25		2.5(0.098)	W2	2.5-3.0(0.24-0.29)	360(12.72)	510	320(12.60)	

◆R-77-B Spraying distance: 250mm (9.84in). Fluid viscosity: 20±1 second/ RV-2. Coating pressure: 0.8kg/cm2.Fluid inlet: 3/8 PF/NPF. Air inlet: 1/4 PF/NPF.

◆R-413-B Spraying distance: 250mm (9.84in). Fluid viscosity: 20±1 second/ RV-2. Fluid inlet: M16X1.5P. Air inlet: 1/4 PF/NPF.

Functions and Characteristics

- ◆ Provide fine atomization, stable fluid spraying volume and excellent adhesion , less over spray,
- ◆ This spray gun is specifically designed for spraying water-based paints, perfect for the application of clear coat, base and metallic materials in automotive industries.
- ◆ Stainless steel fluid needle, nozzle and fluid connector are abrasion and corrosion resistant.
- ◆ Spray gun cups are available in different types (reusable plastic/aluminium cup or disposable cup)and various sizes. When the there is a need of using disposable cup, just add a RFC-TG1 adaptor.
- ◆ R-4300-S/P the fluid passage is made of aluminium alloy.
- ◆ R-4300S-S/P the fluid passage is made of stainless steel.

Model	Type of feed	Nozzle size	Air cap	Air pressure	Air consumption	Fluid output	Pattern width±20	Weight
		Ømm(in)		kg/cm ² (Mpa)	l/min(cfm)	ml/min	mm(in)	g(lbs)
R-4300(S)-S13	Pressure	1.3(0.051)	MP	2.0-2.5 (0.2-0.24)	360(12.72)	180	170(6.69)	478 (1.05)
R-4300(S)-S14		1.4(0.055)				185	180(7.09)	
R-4300(S)-S15		1.5(0.059)				190	210(8.27)	
R-4300(S)-S18		1.8(0.070)				200	220(8.66)	
R-4300(S)-P08	Suction	0.8(0.031)	MP	2.0-2.5 (0.2-0.24)	360(12.72)	360	295(11.61)	
R-4300(S)-P11		1.1(0.043)				380	310(12.20)	
R-4300(S)-P12		1.2(0.047)				400	320(12.60)	
R-4300(S)-P13		1.3(0.051)				410	330(12.00)	
R-4300(S)-P14		1.4(0.055)				418	338(13.30)	
R-4300(S)-P15		1.5(0.059)				430	350(13.78)	
R-4300(S)-P18		1.8(0.070)				462	382(15.04)	
R-4300(S)-P20		2.0(0.079)				480	390(15.35)	
R-4300(S)-P22		2.2(0.087)				500	405(15.94)	

◆R-4300(S) Spraying distance: 200-250mm (7.87-9.84in). Fluid viscosity: 20±1 second/ RV-2. Fluid inlet: 3/8PF/NPF. Air inlet: 1/4 PF/NPF.



Functions and Characteristics

- ◆ Providing fine atomization, stable fluid spraying volume and excellent adhesion, less over spray.
- ◆ This spray gun is specifically designed for spraying water-based paints, perfect for the application of clear coat, base and metallic materials in automotive industries.
- ◆ Stainless steel fluid needle, nozzle and fluid connector are abrasion and corrosion resistant.
- ◆ Spray gun cups are available in different types (reusable plastic/aluminium cup or disposable cup) and various sizes. Use RFC-TG1 adaptor when disposable cup is applied.

Model	Type of feed	Nozzle size	Air cap	Air pressure	Air consumption	Fluid output	Spray width ±20	Weight
		ømm (in)		kg/cm ² (Mpa)	l/min(cfm)	ml/min	mm(in)	g(lbs)
R-4300/4303-MP-G08	Gravity	0.8(0.031)	MP	2.0-2.5 (0.2-0.24)	340(12.01)	290	200-320 (7.87-12.60)	R-4300: 469(1.03)
R-4300/4303-MP-G11		1.1(0.043)				340		
R-4300/4303-MP-G12		1.2(0.047)				350		
R-4300/4303-MP-G13		1.3(0.051)				360		
R-4300/4303-MP-G14		1.4(0.055)				370		
R-4300/4303-MP-G15		1.5(0.059)				400		
R-4300/4303-MP-G18		1.8(0.071)				435		
R-4300/4303-MP-G20		2.0(0.079)				455		
R-4300/4303-MP-G25		2.5(0.087)				475		
R-4300/4303-HVLP-G08		0.8(0.031)	HVLP	2.0(0.2)	430(15.19)	200	190-300 (7.48-11.81)	R-4303: 465(1.02)
R-4300/4303-HVLP-G11		1.1(0.043)				240		
R-4300/4303-HVLP-G12		1.2(0.047)				250		
R-4300/4303-HVLP-G13		1.3(0.051)				270		
R-4300/4303-HVLP-G14		1.4(0.055)				280		
R-4300/4303-HVLP-G15		1.5(0.059)				300		
R-4300/4303-HVLP-G18		1.8(0.071)				335		
R-4300/4303-HVLP-G20		2.0(0.079)				355		
R-4300/4303-HVLP-G21		2.5(0.087)				370		

Model	Type of feed	Nozzle size	Air cap	Air pressure	Air consumption	Fluid output	Spray width ±20		Weight
							Spraying distance 13cm	Spraying distance 20cm	
		Ømm(in)		kg/cm ² (Mpa)	l/min(cfm)	ml/min	mm(in)	mm(in)	g(lbs)
R-4600(N)(4630)-MP-G10	Gravity	1.0(0.039)	MP	2.0-2.5 (0.2-0.24)	280-300 (9.89-10.6)	300	—	200-320 (7.87-12.6)	R4600: 469 (1.03)
R-4600(N)(4630)-MP-G11		1.1(0.043)				340			
R-4600(N)(4630)-MP-G12		1.2(0.047)				350			
R-4600(N)(4630)-MP-G13		1.3(0.051)				360			
R-4600(N)(4630)-MP-G14		1.4(0.055)				370			
R-4600(N)(4630)-MP-G15		1.5(0.056)				400			
R-4600(N)(4630)-HVLP-G10		1.0(0.039)	HVLP	1.8-2.0 (0.18-0.2)	400-430 (14.13-15.19)	200	—	190-300 (7.48-11.81)	R4600N: 427 (0.94)
R-4600(N)(4630)-HVLP-G11		1.1(0.043)				240			
R-4600(N)(4630)-HVLP-G12		1.2(0.047)				250			
R-4600(N)(4630)-HVLP-G13		1.3(0.051)				260			
R-4600(N)(4630)-HVLP-G14		1.4(0.055)				280			
R-4600(N)(4630)-HVLP-G15		1.5(0.059)				300			
R-4600(N)(4630)-HVLP-G17		1.7(0.067)				400			
R-430-MP-11	Gravity	1.1(0.043)	MP	2.0-2.5 (0.2-0.24)	420-430 (14.84-15.19)	235	—	270-300 (10.63-11.81)	462 (1.01)
R-430-MP-12		1.2(0.047)				240			
R-430-MP-13		1.3(0.051)				250			
R-430-MP-14		1.4(0.055)				258			
R-430-HVLP-11		1.1(0.043)	HVLP	1.8-2.0 (0.18-0.2)	350-370 (12.33-13.07)	140			
R-430-HVLP-12		1.2(0.047)				147			
R-430-HVLP-13		1.3(0.051)				158			
R-430-HVLP-14		1.4(0.055)				168			
R-430-HVLP-15		1.5(0.059)				177			

- ◆R-4300 /R-4303 Spraying distance: 200mm (7.87in). Fluid viscosity: 20±1 second/ RV-2. Fluid inlet: M16X1.5P. Air inlet: 1/4 PF/NPF.
- ◆R-4600 /R-4600N /R-4630 Spraying distance: 200mm (7.87in). Fluid viscosity: 20±1 second/ RV-2. Fluid inlet: M16X1.5P. Air inlet: 1/4 PF/NPF.
- ◆R-430 Spraying distance: 200mm (7.87in). Fluid viscosity: 20±1 second/ RV-2. Fluid inlet: M16X1.5P. Air inlet: 1/4 PF/NPF.



Functions and Characteristics

- ◆ Lighterweight gun body makes working with this spray gun very easy and the trigger provide a much smoother and more comfortable trigger pull.
- ◆ Air pressure at the air cap is lower than 0.7 bar, provide excellent adhesion and wider spray pattern, suitable for spraying metallic paints.
- ◆ Paint consumption can be reduced by about 20-30%.
- ◆ Featuring stainless steel fluid passages for waterborne compatibility.
- ◆ Heat-treated stainless steel fluid needle and nozzle are corrosion resistant, more durable and provide longer service life.

Model	Type of feed	Nozzle size	Air cap	Air pressure	Air consumption	Fluid output	Spray width ±20	Weight	Use
		ømm (in)		kg/cm ² (Mpa)	l/min(cfm)	ml/min	mm(in)	g(lbs)	
RL-403-G12	Gravity	1.2(0.047)	J2	2.0-3.0 (0.2-0.29)	280-370 (9.89-13.07)	140	260(10.24)	460 (1.01)	Metalwork, woodwork, resin spraying
RL-403-G14		1.4(0.055)	J2			180	290(11.42)		
RL-403-G16		1.6(0.063)	J2			205	310(12.20)		
RL-101-P08	Pressure	0.8(0.031)	E1	2.0-2.5 (0.2-0.24)	430(15.19)	140	200 (8.78)	340 (0.75)	Metalwork, woodwork, resin spraying
RL-101-P10		1.0(0.039)	E1			150			
RL-101-P12		1.2(0.047)	G2			300			
RL-100-P08	Pressure	0.8(0.031)	E1	2.0-2.5 (0.2-0.24)	430(15.19)	140	200 (8.78)	382 (0.84)	Metalwork, woodwork, resin spraying
RL-100-P10		1.0(0.039)	E1			150			
RL-100-P12		1.2(0.047)	G2			300			

- ◆RL-403 Spraying distance: 200mm (7.87in). Fluid viscosity: 20±1 second/RV-2. Fluid inlet:M16X1. Air inlet: 1/4 PF/NPF.
- ◆RL-101 Spraying distance: 200mm (7.87in). Fluid viscosity: 20±1 second/RV-2. Operating pressure: 0.8kg/cm2. Fluid and air inlet: 1/4 PF/NPF.
- ◆RL-100 Spraying distance: 200mm (7.87in). Fluid viscosity: 20±1 second/RV-2. Operating pressure: 0.8kg/cm2. Fluid and air inlet: 1/4 PF/NPF.

Functions and Characteristics

- ◆ Lighterweight gun body makes working with this spray gun very easy and the trigger provide a much smoother and more comfortable trigger pull.
- ◆ Air pressure at the air cap is lower than 0.7 bar, provide excellent adhesion and wider spray pattern, suitable for spraying metallic paints.
- ◆ Paint consumption can be reduced by about 20-30%.
- ◆ Featuring stainless steel fluid passages for waterborne compatibility.
- ◆ Heat-treated stainless steel fluid needle and nozzle are corrosion resistant, more durable and provide longer service life.

Model	Type of feed	Nozzle size	Air cap	Air pressure	Air consumption	Fluid output	Spray width ±20	Weight	Use
		ømm (in)		kg/cm ² (Mpa)	l/min(cfm)	ml/min	mm(in)	g(lbs)	
RL-103-P08	Pressure	0.8(0.031)	E1	2.0-2.5 (0.2-0.24)	430(15.19)	140	200 (8.87)	365 (0.80)	Metalwork, woodwork, resin spraying
RL-103-P10		1.0(0.039)	E1			150			
RL-103-P12		1.2(0.047)	G2			300			
RL-200-P08	Pressure	0.8(0.031)	G2	2.0-2.5 (0.2-0.24)	500(17.68)	400	300 (11.81)	426 (0.94)	Metalwork, woodwork, resin spraying
RL-200-P10		1.0(0.039)	G2			400			
RL-200-P12		1.2(0.047)	G2			500			
RL-203-P08	Pressure	0.8(0.031)	G2	2.0-2.5 (0.2-0.24)	500(17.68)	400	300 (11.81)	475 (1.05)	Metalwork, woodwork, resin spraying
RL-203-P10		1.0(0.039)	G2			400			
RL-203-P12		1.2(0.047)	G2			500			

- ◆RL-103 Spraying distance: 200mm (7.87in). Fluid viscosity: 20±1 second/RV-2. Operating pressure: 0.8kg/cm2. Fluid and air inlet: 1/4 PF/NPF.
- ◆RL-200 Spraying distance: 200mm (7.87in). Fluid viscosity: 20±1 second/RV-2. Operating pressure: 0.8kg/cm2. Fluid inlet: 3/8 PF/NPF. Air inlet: 1/4 PF/NPF.
- ◆RL-203 Spraying distance: 200mm (7.87in). Fluid viscosity: 20±1 second/RV-2. Operating pressure: 0.8kg/cm2. Fluid inlet: 3/8 PF/NPF. Air inlet: 1/4 PF/NPF.



R-77-Z(ZP)
Suction
With RC-1Cup

R-200-Z(ZP)
Pressure

RA-200-Z(ZP)
Pressure

Functions and Characteristics

- ◆ Both needle and nozzle are made of special treated stainless steel which is treated specially.
- ◆ Suitable for spraying water-based ceramic enamel or easy-waeear coating material.
- ◆ **Z: Nozzle is made of black nitride treated material. ZP: Nozzle is made of stainless steel.**

Model	Type of feed	Nozzle size	Air cap	Air pressure	Air consumption	Fluid output	Spray width ±20	Weight
		ømm(in)		kg/cm ² (Mpa)	l/min(cfm)	ml/min	mm(in)	g(lbs)
R-77--Z(ZP)20	Suction	2.0(0.079)	-	3.5(0.34)	293(10.35)	370	280(11.02)	556(1.23)
R-77--Z(ZP)25		2.5(0.098)			300(10.6)	660	380(14.89)	
R-77--Z(ZP)30		3.0(0.118)			329(11.63)	699	440(17.32)	
R-200-201-Z(ZP)	Pressure	2.0(0.079)	R1Z	3.5(0.34)	500(17.67)	760	370(14.57)	446(0.98)
R-200-251-Z(ZP)		2.5(0.098)			500(17.67)	760	370(14.57)	
RA-200-201-Z(ZP)	Pressure	2.0(0.079)	R1Z	3.5(0.34)	500(17.67)	760	370(14.57)	550(1.21)
RA-200-251-Z(ZP)		2.5(0.098)			500(17.67)	760	370(14.57)	

- ◆R-77-Z(ZP) Spraying distance: 250mm (9.84in). Fluid inlet: 3/8 PF/NPF. Air inlet: 1/4 PF/NPF.
- ◆R-200-Z(ZP) Spraying distance: 250mm (9.84in). Fluid inlet: 3/8 PF/NPF. Air inlet: 1/4 PF/NPF.
- ◆RA-200-Z(ZP) Spraying distance: 250mm (9.84in). Fluid inlet: 3/8 PF/NPF. Air and CYL: 1/4 PF/NPF.

Spray pattern



Functions and Characteristics

- ◆ The water in water multicolor paint spray gun can be used in coating factory for interior and exterior wall painting. Suitable for latex paint, metallic paint, fluorocarbon paint, multicolor paint faux finishing paint and stone paint.

SGD-R77 provide even atomization and produce a nice stone-like effect.

- ◆ This spray gun has the advantages of stable and reliable working performance,

- ◆ Different nozzle sizes are available.

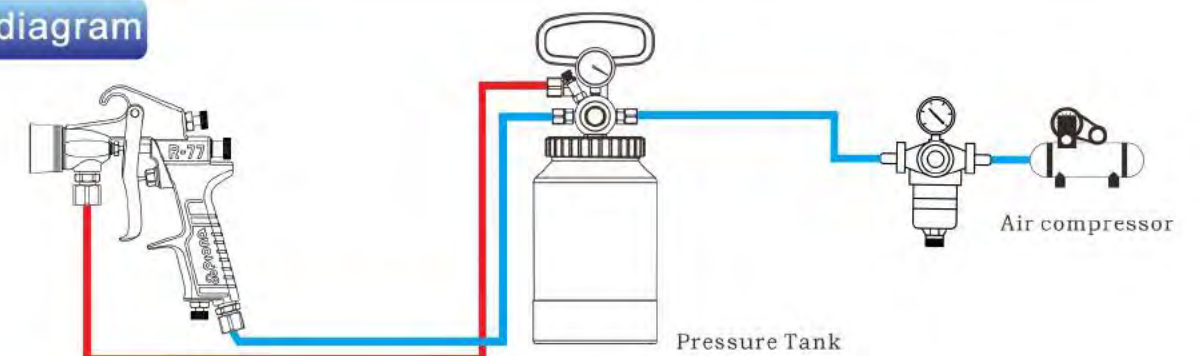
- ◆ SGD-R77 Fluid inlet: 3/8 PF/NPF, air inlet: 1/4 PF/NPF.



SGD-R77
Pressure

Model	Type of feed	Nozzle size	Air pressure	Air consumption	Fluid output	Weight
		ømm(in)	kg/cm ² (Mpa)	l/min(cfm)	ml/min	g(lbs)
SGD-R77	Pressure	1.2(0.047)	1.0-3.5 (0.1-0.34)	560 (19.79)	380	540 (1.19)
		1.5(0.059)			400	
		2.0(0.079)			440	
		2.5(0.098)			480	
		3.0(0.118)			520	

Circuit diagram



High Viscosity Spray Gun



Coating shape sprayed from 10W air cap



Coating shape sprayed from 25W air cap

R-871
Pressure
With RC-19B



R-2003
Pressure
With RC-19B



Functions and Characteristics

- ◆ The gun body is designed according to ergonomics, ensure beautiful lines for triggers and provide comfortable holding operation.
- ◆ R-2300 is suitable for spraying large area with high viscous paint; can be used in shoes industries and furniture decoration etc.
- ◆ R-871 is suitable for wall painting(multi-color paint), superglue and plaster.

Model	Type of feed	Nozzle size	Air cap	Air pressure	Air consumption	Fluid output	Spray width ±20	Weight
		ømm (in)		kg/cm ² (Mpa)	l/min(cfm)	ml/min	mm(in)	g(lbs)
R-2003-P20	Pressure	2.0(0.079)	R2	3.0(0.29)	260(9.19)	350	290(11.42)	471(1.04)
R-2003-P25		2.5(0.098)	W2		360(12.72)	440	300(11.81)	
R-871-10W	Pressure	1.0(0.039)	10W	3.0-4.0(0.29-0.39)	140(4.95)	440	100-250(3.94-9.84)	478(1.05)
R-871-25W		2.5(0.098)	25W	2.0-3.0(0.19-0.29)	200(7.07)	440	250-400(9.84-15.75)	

◆R-2003 Spraying distance: 250mm (7.8mm). Fluid inlet: M16 X 1.5P. Air inlet: 1/4 PF/NPF.

◆R-871 Spraying distance: 200 - 300mm (7.87 - 11.81in). Fluid inlet: M16 x 1.5 P. Air inlet: 1/4 PF/NPF.

Architecture Spraying Spray Gun



RHS-2A

Functions and Characteristics

- ◆ The spray gun is specially designed for latex paint, resin, mortar, fine plaster and other coatings.
- ◆ Nozzle and needle are made of stainless steel, suitable for water-based, oil-based or latex coatings.
- ◆ Structure of spray gun is specially designed, with big orifice nozzle available, which can disperse the coating containing particles or high viscosity paint, as well as the spray width can be adjusted.
- ◆ It is commonly used in the walls, road lines coating and bead particles spraying.

Model	Type of feed	Nozzle size	Air pressure	Air consumption	Spray width ±20	Cup quantity	Weight
		ømm (in)	kg/cm ² (Mpa)	l/min(cfm)	mm(in)		g(lbs)
RHS-2A	Pressure Gravity	3.0(0.118)	3.0-3.5 (0.29-0.34)	250(17.2)	80-200 (3.15-7.87)	600 mL	615.4 (1.36)
		4.0(0.157)		300(20.7)		1.0 L	
						1.5 L	

◆RHS-2A Fluid inlet: 1/2 PF/. Air inlet: 1/4 PF/NPF. Spraying distance: 200mm (7.87 in). Coating pressure: 0.8-1 kg/cm².

◆Note: due to the special structure of the spray gun, if the command pressure is lower than 2.5kg/cm², the needle may not be fully triggered.

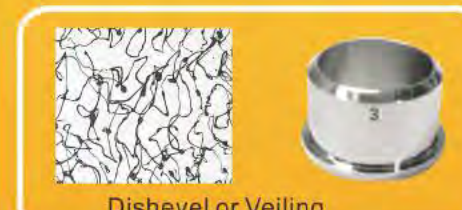
◆The standard tank is 1.5L; Available with 1L, 600ml or without tank.



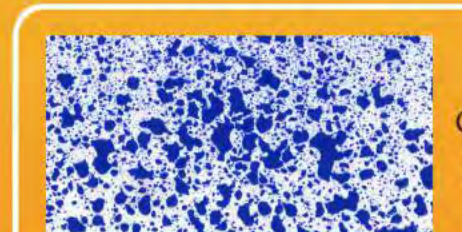
Spattering or Specking



Misting or Shading



Dishevel or Veiling



Coarse Dot



SGD-71
Pressure
With RC-17R Cup



SGD-RA200
Pressure



SGD-RA100
Pressure

Functions and Characteristics

- ◆SGD-RA100 can produce three different pattern: spattering, misting and dishevel, suitable to use in appearance decoration.
- ◆For spattering pattern: use cap #1, Fluid viscosity: 20 second/RV-2, fluid pressure: 0.3kg/cm² and air pressure: 0.5 - 0.7 kg/cm².
- ◆For misting pattern, use cap#2. Fluid viscosity: 25 second/RV-2, fluid pressure: 0.3kg/cm² and air pressure: 0.5 - 0.7 kg/cm².
- ◆For dishevel pattern, use cap#3. Fluid viscosity: 55 second/RV-2, fluid pressure: 0.3kg/cm² and air pressure: 0.5 - 0.7 kg/cm².
- ◆Data shown above is for reference only, please adjust according to fluid quality and performance.
- ◆SGD-71/SGD-RA100 Fluid and air inlet: 1/4 PF/NPF. SGD-200 Air inlet: 1/4 PF/NPF, fluid inlet: 3/8 PF/NPF.

Model	Type of feed	Nozzle size	Air pressure	Air consumption	Fluid output	Weight
		ømm (in)	kg/cm ² (Mpa)	l/min(cfm)	ml/min	g(lbs)
SGD-71	Pressure	0.7(0.028)	1.0-2.5(0.1-0.25)	80(2.83)	80	1042(2.3)
		1.5(0.059)		100(3.53)	160	
		2.0(0.079)		140(4.95)	240	
SGD-RA200	Pressure	0.7(0.028)	1.0-2.5(0.1-0.25)	80(2.83)	80	495(1.09)
		1.5(0.059)		100(3.53)	160	
		2.0(0.079)		140(4.95)	240	
SGD-RA100	Pressure	0.8(0.031)	1.0-2.5(0.1-0.25)	80(2.83)	80	505(1.11)



Name: Draw pump
 Power: 95W
 Frequency:50Hz/60Hz
 The
 Maximum: 40psi
 Length: 250mm
 (9.84in)
 Weight: 3.85kg
 (8.49lbs)



Functions and Characteristics

- ◆ Suitable for small area sparying.
- ◆ Ideal for : fine art, nail art, tattoos and more.

Model	Type of feed	Standard color container	Nozzle size	Air pressure	Air consumption	Fluid output	Weight
		ml	ømm (in)	kg/cm ² (Mpa)	l/min(cfm)	ml/min	g(lbs)
RH-A	Gravity	0.2	0.2(0.008)	1.0-3.0 (0.1-0.29)	11(0.39)	12	84(0.185)
RH-B	Gravity	3	0.2(0.008)		11(0.39)		87(0.19)
RH-C	Gravity	7	0.3(0.012)		14(0.49)		87(0.19)
RH-CS	Gravity	7	0.3(0.012)		14(0.49)		87(0.19)
RH-BS	Suction	30	0.3-0.5(0.012-0.020)		14-16(0.49-0.57)		104(0.23)
RH-AP	Gravity	0.2	0.2(0.0008)		11(0.39)		84(0.185)
RH-BP	Gravity	3	0.2(0.008)		11(0.39)		87(0.19)
RH-CP	Gravity	7	0.3(0.012)		14(0.49)		90(0.20)
RH-RAP	Gravity	7	0.3(0.012)		14(0.49)		90(0.20)
RH-GP	Gravity	7-15	0.35(0.014)		15(0.53)		104(0.23)
RH-GP2	Gravity	2-7	0.3(0.012)		14(0.49)		104(0.23)
RH-L100	Gravity	2-7	0.3(0.012)		14(0.49)		90(0.20)

Artistic air brush



Model	Type of feed	Nozzle size	Air cap	Air pressure	Air consumption	Fluid output	Spray width ±20	Weight
		ømm (in)		kg/cm ² (Mpa)	l/min(cfm)	ml/min	mm(in)	g(lbs)
RH-80R	Gravity	0.3(0.012)	03R	0.8-2.0	10(0.35)	8	5(0.2)	220(0.49)
RH-80F	Gravity	0.3(0.012)	03F	(0.08-0.2)	15(0.53)	12	35(1.38)	225(0.5)
RH-90R	Gravity	0.3(0.012)	03R	0.8-2.0	10(0.35)	8	5(0.2)	329(0.73)
RH-90F	Gravity	0.3(0.012)	03F	(0.08-0.2)	15(0.53)	12	35(1.38)	336(0.74)

- ◆RH-80 R/F - Spray distance: 100-150mm (3.9 - 5.9 in).Fluid and air inlet: 1/4 PF/NPF.
- ◆RH-90 R/F - Spray distance:100-150mm (3.9 - 5.9 in).Fluid inlet: M8X 1.0P, air inlet: 1.4 PF/NPF.

Air duster gun



Functions and Characteristics

- ◆ Suitable for small pieces body color painting , imitated tattoo, artwork, etc.
- ◆ Air connector: RG-7 1/4PF.Speedy connector: RG-7 Q.

Model	Air cap	Nozzle size	Air pressure	Air consumption	Weight
		ømm(in)	kg/cm ² (Mpa)	l/min(cfm)	g(lbs)
RG-7-1#(Q)	Short	2.0(0.08)	3.5(0.34)	145(5.12)	215(0.47)
RG-7-4#(Q)	100/280 mm			320(11.3)	
RG-7-J#(Q)	Regulable			0-145(0-5.12)	

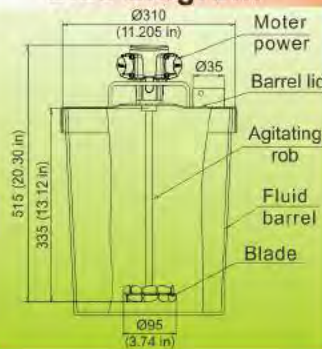


Stainless steel bucket lid with agitator



Air Motor	M10	M30
Motor power	1/16HP	1/4HP
Capacity	20(L)	
Blade size	Ø95mm (3.74 in)	
Axes size	Ø12x335mm (0.47x13.12 in)	
Dimension	380x350x225mm (14.96x13.78x8.86 in)	
Weight	5.1kg (11.24 lbs)	
Material	Stainless steel	

Size diagram



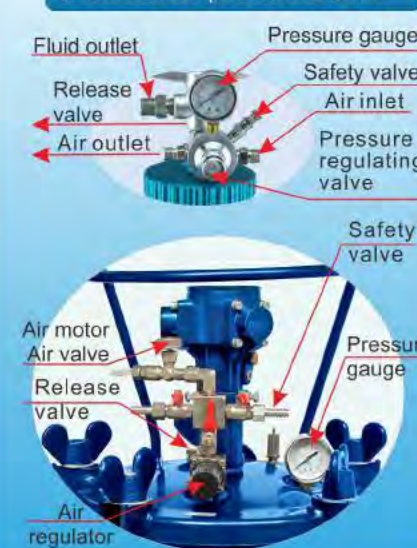
Small Pressure Tank



Pressure Tank



Functional specification of automotive pressure tank



Functions and Characteristics (Small Amount Spray)

- ◆ The fluid liner bucket of RT-5E is made of SUS stainless steel.
- ◆ RC-2E and RT-2E are integrated molding of aluminum-alloy with anodize process on the surface, provide high safety performance.
- ◆ It is light weight and portable.

◆ **Warning: No to operate the pressure tank exceed the maximum pressure (0.3 Mpa). Prona Tools Inc will not hold any responsibility in case of accidents occur due to improper use of product.**

◆ **Do not use aluminum-corrosion material.**

Functions and Characteristics (Mass Amount Spray)

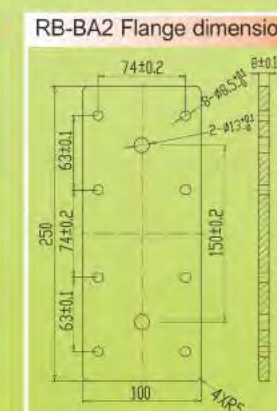
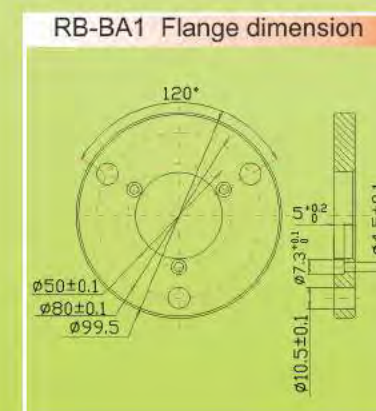
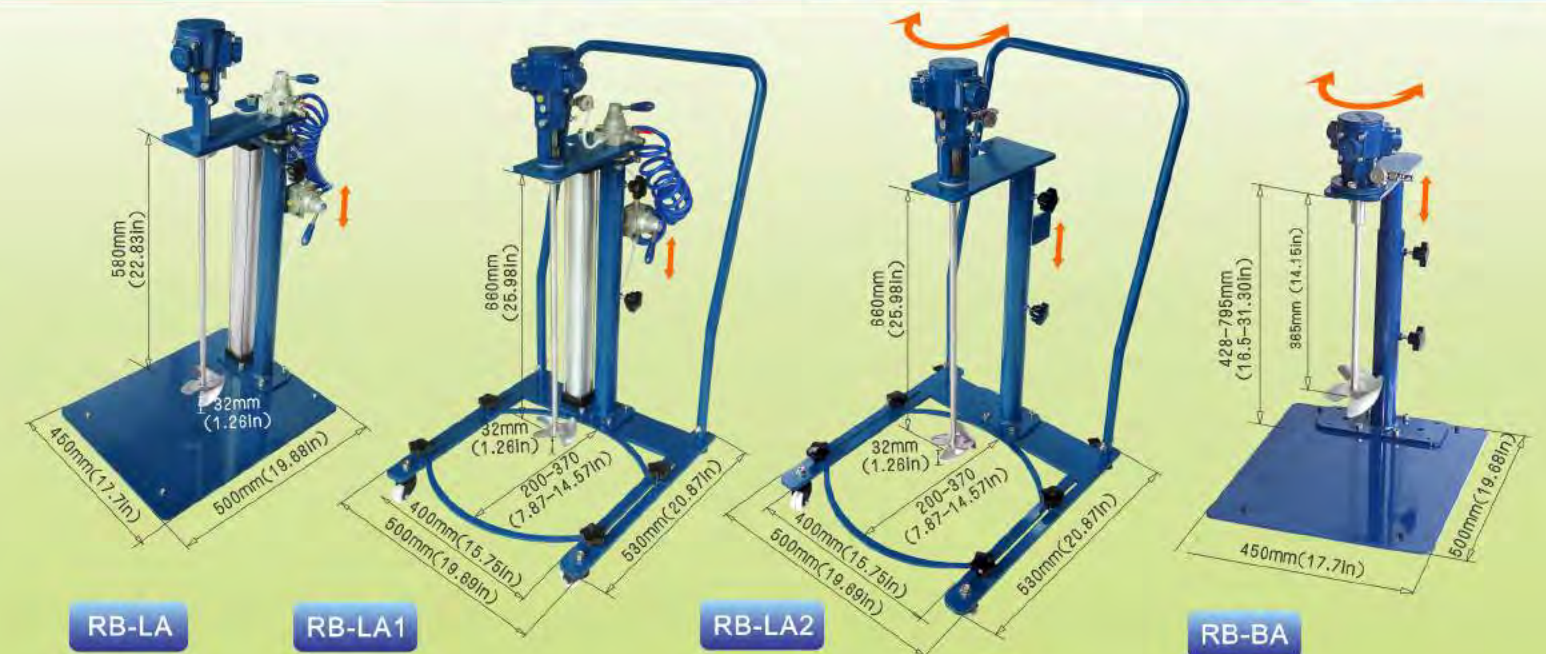
- ◆ Pressure tank is manufactured by integrated molding of pressure resistant steel plate. Its surface received special antirust treatment, provide high safety. Fluid feed can be siphoned from the top - suitable for normal fluid or drand at the bottom of the tank - suitable for high viscosity fluid. (subject to the size of the tank).
- ◆ The pressure tank can be classified into three types: with agitator, with manual agitator and pressure pot only.
- ◆ The pressure tank also equipped with an fluid liner bucket, which is made by SUS304 stainless steel (subject to the size of the tank).

◆ **Warning: Do not operate the pressure tank exceed the maximum pressure. Prona Tools Inc will not hold any responsibility in case of accidents occur due to improper use of product.**

Paint pressurized tank

Application NO: 2018 2 0637833. 2

Use	Operation	Model	Capacity	Pressure	Fluid outlet	Fluid liner bucket size	Net weight		
			L	Mpa(kgf/cm ²)		Ømmxmm	kg		
Small Amount Spray	Economy	RT-2E	2	0.3(3)	1/4x1	129.5x199	1.52(3.35)		
		RC-2E	2		3/8x1		1.54(3.4)		
	Manual	RT-5M	5		1/4x1	180x204	9.6(21.16)		
		RT-5M	5				9.4(20.72)		
	Automatic	RT-5A	5				10.7(23.57)		
		RT-5AS	5				10(22.05)		
	Economy	RT-5E	5				8.6(18.96)		
RT-5ES		5	8.4(18.52)						
Mass Amount Spray	Manual	RT-10M	10	0.3(3)			1/4x1	248x185(9.76x7.28)	16.8(37.04)
		RT-20M	20			292x365(11.5x14.37)	26.4(58.2)		
			RT-40M	40	0.19(19)	1/4x2	350x395(13.78x15.55)	31.4(69.23)	
			RT-60M	60			350x548(13.78x21.57)	34.1(75.18)	
	Manual (Stainless)		RT-10MS	10	0.3(3)	1/4x1	248x185(9.76x7.28)	16.7(36.82)	
			RT-20MS	20			292x365(11.5x14.37)	27.9(61.5)	
			RT-40MS	40	0.19(19)	1/4x2	350x395(13.78x15.55)	34.2(75.4)	
			RT-60MS	60			350x548(13.78x21.57)	35.9(79.15)	
	Manual (Stainless bucket lid)		RT-20MIS	20	0.3(3)	1/4x2	292x365(11.5x14.37)	27(59.52)	
			RT-40MIS	40			350x395(13.78x15.55)	33.3(73.41)	
			RT-60MIS	60	0.19(19)			350x548(13.78x21.57)	35(77.16)
Mass Amount Spray	Automatic	RT-10A	10	0.3(3)	1/4x1	248x185(9.76x7.28)	16.9(37.26)		
		RT-20A	20			292x365(11.5x14.37)	28(61.73)		
			RT-40A	40	0.19(19)	1/4x2	350x395(13.78x15.55)	32.8(72.31)	
			RT-60A	60			350x548(13.78x21.57)	35.9(79.15)	
	Automatic (Stainless)		RT-10AS	10	0.3(3)	1/4x1	248x185(9.76x7.28)	18.8(41.45)	
			RT-20AS	20			292x365(11.5x14.37)	29.5(65.04)	
			RT-40AS	40	0.19(19)	1/4x2	350x395(13.78x15.55)	35.6(78.48)	
			RT-60AS	60			350x548(13.78x21.57)	38.7(85.32)	
	Automatic (Stainless bucket lid)		RT-20AIS	20	0.3(3)	1/4x2	292x365(11.5x14.37)	28.4(62.61)	
			RT-40AIS	40			350x395(13.78x15.55)	34.7(76.5)	
			RT-60AIS	60	0.19(19)			350x548(13.78x21.57)	37.8(83.33)
Mass Amount Spray	Economy	RT-10E	10	0.3(3)	1/4x1	248x185(9.76x7.28)	15.5(34.17)		
		RT-20E	20			292x365(11.5x14.37)	25.2(55.56)		
			RT-40E	40	0.19(19)	1/4x2	350x395(13.78x15.55)	29.6(65.27)	
			RT-60E	60			350x548(13.78x21.57)	32.2(70.99)	
	Economy (Stainless)		RT-10ES	10	0.3(3)	1/4x1	248x185(9.76x7.28)	15.4(33.95)	
			RT-20ES	20			292x365(11.5x14.37)	26.7(55.68)	
			RT-40ES	40	0.19(19)	1/4x2	350x395(13.78x15.55)	31.1(68.56)	
			RT-60ES	60			350x548(13.78x21.57)	35(79.37)	
Mass Amount Spray	Manual (Lower)	RT-10MFG	10	0.3(3)	3/4x1	248x185(9.76x7.28)	17.3(38.14)		
		RT-20MFG	20				292x365(11.5x14.37)	26.9(59.3)	
			RT-40MFG	40		0.19(19)	350x395(13.78x15.55)	31.9(70.33)	
			RT-60MFG	60				350x548(13.78x21.57)	34.8(36.72)
	Manual (Lower) (Stainless)		RT-10MSFG	10		0.3(3)	248x185(9.76x7.28)	17.3(38.14)	
			RT-20MSFG	20				292x365(11.5x14.37)	28.4(62.61)
			RT-40MSFG	40		0.19(19)	350x395(13.78x15.55)	34.7(76.5)	
			RT-60MSFG	60				350x548(13.78x21.57)	36.6(80.69)
	Manual(Lower) (Stainless bucket lid)		RT-20MISFG	20		0.19(19)		292x365(11.5x14.37)	27.5(60.68)
			RT-40MISFG	40				350x395(13.78x15.55)	33.8(74.52)
		RT-60MISFG	60		350x548(13.78x21.57)	35.7(78.71)			
Mass Amount Spray		Automatic (Lower)	RT-10AFG	10	0.3(3)	3/4x1	248x185(9.76x7.28)	17.3(38.14)	
	RT-20AFG		20				292x365(11.5x14.37)	26.9(59.3)	
			RT-40AFG	40	0.19(19)		350x395(13.78x15.55)	31.9(70.33)	
			RT-60AFG	60				350x548(13.78x21.57)	34.8(76.72)
		Automatic (Lower) (Stainless)	RT-10ASFG	10	0.3(3)		248x185(9.76x7.28)	17.2(37.92)	
			RT-20ASFG	20				292x365(11.5x14.37)	28.4(62.61)
			RT-40ASFG	40	0.19(19)		350x395(13.78x15.55)	34.7(76.15)	
			RT-60ASFG	60				350x548(13.78x21.57)	36.6(80.69)
		Automatic (Lower) (Stainless bucket lid)	RT-20AISFG	20	0.3(3)			292x365(11.5x14.37)	27.5(60.62)
			RT-40AISFG	40			0.19(19)	350x395(13.78x15.55)	33.8(74.52)
	RT-60AISFG		60		350x548(13.78x21.57)	35.7(78.70)			
Mass Amount Spray	Economy (Lower)		RT-10EFG	10	0.3(3)	3/4x1	248x185(9.76x7.28)	17.4(39.36)	
		RT-20EFG	20				292x365(11.5x14.37)	28.5(62.83)	
			RT-40EFG	40	0.19(19)		350x395(11.5x14.37)	33.3(72.75)	
			RT-60EFG	60				350x548(13.78x21.57)	36.4(80.25)
	Economy (Lower) (Stainless)		RT-10ESFG	10	0.3(3)		248x185(9.76x7.28)	19.3(42.55)	
			RT-20ESFG	20				292x365(11.5x14.37)	30(66.14)
			RT-40ESFG	40	0.19(19)		350x395(11.5x14.37)	36.1(79.59)	
			RT-60ESFG	60				350x548(13.78x21.57)	39.2(86.42)



Model	Name	Air motor	Horse power	Capacity	Blade size	Agitating rod dimension	Carton box size	Weight
			HP	KW	(L)	ømm(in)	mm (in)	kg (lbs)
RB-40A	Fixation type agitator	M40	2/5	0.3	200	160(6.30)	15x830(0.59x32.68)	1140x180x180(44.87x7x7)
RB-50A	Fixation type agitator	M50	1/2	0.37	200	160(6.30)	15x830(0.59x32.68)	1140x180x180(44.87x7x7)
RB-MA2	Hand hold type agitator	M40	2/5	0.3	200	160(6.30)	15x830(0.59x32.68)	1140x180x180(44.87x7x7)
RB-CA	Clamp Type Agitator	M30	1/4	0.19	200	160(6.30)	15x830(0.59x32.68)	1140x180x180(44.87x7x7)
RB-FA	Fixation type agitator	M30	1/4	0.19	200	160(6.30)	15x830(0.59x32.68)	1140x180x180(44.87x7x7)
RB-2A	Pressure Tank Agitator	M30	1/4	0.19	20	95(3.74)	12x436(0.47x17.17)	1140x180x180(44.87x7x7)
RB-4A	Pressure Tank Agitator	M30	1/4	0.19	40	95(3.74)	12x459(0.47x18.07)	1140x180x180(44.87x7x7)
RB-6A	Pressure Tank Agitator	M30	1/4	0.19	60	95(3.74)	12x605(0.47x23.82)	1140x180x180(44.87x7x7)
RB-MA	Hand hold type agitator	M30	1/4	0.19	20	95(3.74)	15x580(0.59x22.83)	1140x180x180(44.87x7x7)
RB-MA1	Hand hold type agitator	M10	1/16	0.12	10	95(3.74)	12x350(0.47x13.78)	480x130x210(18.9x5.12x8.27)
RB-MN	Fixation type agitator	M10	1/16	0.12	10	95(3.74)	12x350(0.47x13.78)	480x130x210(18.9x5.12x8.27)
RB-MN1	Fixation type agitator	M10	1/16	0.12	10	95(3.74)	12x350(0.47x13.78)	480x130x210(18.9x5.12x8.27)
RB-MC	Mini type agitator	-	-	-	2	38(1.5)	Ø5x145(0.2x5.71)	-

Model	Name	Air motor	Horse power	Capacity	Blade size	Agitating rod dimension	Dimension	Weight
			HP	KW	(L)	ømm(in)	mm (in)	kg (lbs)
RB-LA	Elevation Type Agitator	M30	1/4	0.19	40	95(3.74)	12x660(0.47x25.98)	750x430x230(29.53x16.93x9.06)
RB-LA1	Movable Type Agitator	M30	1/4	0.19	40	95(3.74)	12x740(0.47x29.13)	750x430x230(29.53x16.93x9.06)
RB-LA2	Movable Type Agitator	M30	1/4	0.19	40	95(3.74)	12x740(0.47x29.13)	750x430x230(29.53x16.93x9.06)
RB-BA	Base type agitator	M30	1/4	0.19	40	95(3.74)	12x350(0.47x13.78)	540x420x210(21.26x16.54x8.27)
RB-SA	Four-leg stand type agitator	M30	1/4	0.19	20	95(3.74)	12x350(0.47x13.78)	385x355x485(15.16x14x19)
RB-BA1	Fixation type agitator	M30	1/4	0.19	40	95(3.74)	12x350(0.47x13.78)	480x130x210(18.9x5.12x8.27)
RB-BA2	Fixation type agitator	M30	1/4	0.19	40	95(3.74)	12x350(0.47x13.78)	540x420x210(21.26x16.54x8.27)

RB-SA Suitable for maximum 290mm(11.4in) diameter tanks.

RB-CA Maximum distance of clamp is 1~25mm (0.04~0.1in)

RB-SA, RB-2/4/6A, RB-MA, RB-BA/BA1/BA2, RB-LA/LA1/LA2 Suitable blade mode: RMB-1B, RMB-1S, RMB-21AS, RMB-40AS12, RMB-40AS.

RB-MN, RB-MN1, RB-MA1 Suitable blade mode: RMB-1S, RMB-5AS, RMB-21AS.

RB-40A/50A, RB-MA2, RB-CA, RB-FA Suitable blade mode: RMB-3B, RMB-C15S, RMB-40AS15.

(For more details of fluid agitator blade, please refer to page 84.)

Movable Type Agitator
Application NO: ZL 2019 2 1400340. 8



Air-Powered Double Diaphragm Pumps

After years of research and development, Prona air-operated double-diaphragms are stable in quality and have mature technology, also have been recognized in ASIA, Europe, America and other countries. Suitable for all kinds of industries, such as atomized industries, furniture, aerospace, beverage, food, ceramics, chemical, construction, cosmetics, sewage, painting, plating, medical, package, boat-building, textile, carpet, electronics, wine-making, environmental, etc.

Pneumatic double diaphragm pump
Application NO: ZL 2014 2 0624159. 6

Double-diaphragm with fluid agitator

★ Details:
R Series: Aluminium Alloy
RS Series: Stainless Steel PP Series: Plastic
Normal: Use USS Ceramic: Use OSO
Casting industries: Use ONO Strong PH: Use OTO



R-26

RS-26

R-31

RS-31

PP-31



Aluminum-Alloy Pump Series	R-26	RS-26	R-31/PP-31	RS-31
Fluid inlet	(3/4 inch)	(3/4 inch)	(1 inch)	(1 inch)
Maximum pressure	7 bar	7 bar	8 bar	8 bar
Fluid inlet	1/2"NPT	3/4"NPT	1"NPT	1"NPT
Air inlet	1/4"NPT	1/4"NPT	3/8"NPT	3/8"NPT
Maximum operating pressure	Plamar valve 1.6 bar	1.6 bar	1.6 bar	1.6 bar
	Low-pressure valve 0.5 bar	0.5 bar	0.7 bar	0.7 bar
Maximum flow rate	14.88 GPM(56 LPM)	14.88 GPM(56 LPM)	45.19 GPM(180LPM)	45.19 GPM(180LPM)
Maximum cycles per minutes	400 cpm	400 cpm	400 cpm	400 cpm
Maximum volume per cycle	0.15 L	0.15 L	0.45 L	0.45 L
Maximum air consumption	380 ml/min	380 ml/min	960 ml/min	960 ml/min
Maximum size solid	Ø3 mm(0.12in)	Ø3 mm(0.12in)	Ø6 mm(0.24in)	Ø6 mm(0.24in)
Maximum suction lift	6.4m(252in)Wet;3.7m(146in)Dry	6.4m(252in)Wet;3.7m(146in)Dry	5.48m(215.7in)Wet/Dry	5.48m(215.7in)Wet/Dry
Net weight	5 kg (11.1lbs)	6.5 kg (14.3lbs)	R:9kg(19.8lbs)PP:8kg(17.6)lbs	15 kg(33.1lbs)
Dimensions cm (in)	24.8x19.5x28 (9.76x7.68x11)	24.8x19.5x28 (9.76x7.68x11)	28.5x25x37.5(11.2x9.8x14.8)	28.5x25x37.5(11.2x9.8x14.8)

R-15

RS-15

R-20

RS-20

PP-20



Aluminum-Alloy Pump Series	R(S)-1500/R-1500-B(D2/S1)	R-15/RS-15	R-20/RS-20	PP-20
Fluid inlet	(3/8 inch)	(3/8 inch)	(1/2 inch)	(1/2 inch)
Maximum pressure	7 bar	7 bar	7 bar	7 bar
Fluid inlet	3/8"NPT	3/8"NPT	1/2"NPT	1/2"NPT
Air inlet	1/4"NPT	1/4"NPT	1/4"NPT	1/4"NPT
Maximum operating pressure	Plamar valve 1.6 bar	1.6 bar	1.6 bar	1.6 bar
	Low-pressure valve 0.5 bar	0.5 bar	0.5 bar	0.5 bar
Maximum flow rate	9.37 GPM(36LPM)	9.37 GPM(36LPM)	12.76 GPM(48LPM)	12.76 GPM(48 LPM)
Maximum cycles per minutes	500 cpm	500 cpm	400 cpm	400 cpm
Maximum volume per cycle	0.08 L	0.08 L	0.15 L	0.15 L
Maximum air consumption	200 L/min	200 L/min	350 L/min	350 L/min
Maximum size solid	Ø2 mm(0.08 in)	Ø2 mm(0.08 in)	Ø3 mm(0.12 in)	Ø3 mm(0.12 in)
Maximum suction lift	6.4m(252in)Wet;3.7m(146in)Dry	6.4m(252in)Wet;3.7m(146in)Dry	6.4m(252in)Wet;3.7m(146in)Dry	6.4m(252in)Wet;3.7m(146in)Dry
Net weight kg(lbs)	-	R-15:3(6.1) RS-15:6(13.2)	R-20:4.5(9.9) RS-20:6.5(14.3)	4 (8.1)
Dimensions cm (in)	43x28x57.5 (16.9x11x22.6)	21.5x16x24.3 (8.46x6.3x9.57)	24.8x19.5x28 (9.76x7.68x11)	24.8x19.5x28 (9.76x7.68x11)

R-41

RS-41

R-51

RS-51



Aluminum-Alloy Pump Series	R-41	RS-41	R-51	RS-51
Fluid inlet	(1-1/2 inch)	(1-1/2 inch)	(2 inch)	(2 inch)
Maximum pressure	8 bar	8 bar	8 bar	8 bar
Fluid inlet	1-1/2 "NPT	1-1/2 "NPT	2"NPT	2"NPT
Air inlet	1/2 "NPT	1/2 "NPT	1/2"NPT	1/2"NPT
Maximum operating pressure	Low-pressure valve 1.3 bar	1.3 bar	1.3 bar	1.3 bar
Maximum flow rate	79.75 GPM(300LPM)	79.75 GPM(300LPM)	154.84GPM(580LPM)	154.84GPM(580LPM)
Maximum air consumption	1700 ml/min	1700 ml/min	2700 ml/min	2700 ml/min
Maximum size solid	Ø8 mm(0.31in)	Ø8 mm(0.31in)	Ø10mm(0.39in)	Ø10mm(0.39in)
Maximum suction lift	5.48m(215.7in)Wet/Dry	5.48m(215.7in)Wet/Dry	5.48m(215.7in)Wet/Dry	5.48m(215.7in)Wet/Dry
Net weight	R:16 kg(35.3 lbs)	28 kg(61.7 lbs)	29.5 kg(65 lbs)	54 kg(119 lbs)
Dimensions cm (in)	39x28x48.5(15.34x11x19.1)	39x28x48.5(15.34x11x19.1)	44x35x56(17.32x13.78x22.05)	44x35x56(17.32x13.78x22.05)

Double diaphragm

Front view of fluid regulator



Double diaphragm+ fluid agitator



Functions and Characteristics

- ◆ This product uses double-layer diaphragm, which is different from the products on market. Outer layer is made of special teflon, provide better solvent resistant and can be operated on as low as 15 psi.
- ◆ The maximum fluid discharge pressure is 6 bars and can not be operated without solvent. It's move durable and has longer lifetime.
- ◆ BDP series come with fluid stabiliser which can reduce sacrificing flow, suitable for transferring and mixing fluid.
- ◆ **Warning: Do not exceed the maximum pressure (0.6Mpa) when operating the pump. Prona Tools Inc will not hold any responsibility in case of accidents occur due to improper use of product.**

Type	Name	Air inlet	Fluid inlet	Usage temperature parameter	Usage air pressure Parameter	Maximum usage pressure	Fluid output per fluid cycle	Maximum cycle	Maximum flow	Demanded power of air pressure machine	Weight	Carton box size
				°C	Mpa (bar)	Mpa (bar)	ml/cycle	cycle/min	l/min	kw	kg(lbs)	LxWxH mm(in)
BDP-12	Pressure storage attached										7.3 (16.09)	
BDP-12-S	Fluid regulator and pressure storage attached	G1/4	G1/4	5-40	0.15-0.6 (1.5-6.0)	0.60 (6.0)	80	150	12	0.4-0.75	7.8 (17.20)	385X355X485 (15.16X14X19)
BDP-12-B	Agitator and pressure storage attached										11.7 (25.8)	

Air motor

Application NO:ZL 2019 2 1395644. X



Model	Power		Max. pressure	Max. rotation speed	Air consumption	Axes dimension	Weight
	HP	KW	kg/cm ² (Mpa)	rpm/min	l/min(3.5kg/cm ²)	Ømm(in)	g(lbs)
M-10	1/16	0.06	3.5(0.34)	2200	200	7(0.28)	450(1)
M-20	1/8	0.12	7(0.68)	3000	380	10(0.39)	1800(3.97)
M-30	1/4	0.19	7(0.68)	2500	360	10(0.39)	1500(3.53)
M-40	2/5	0.3	7(0.68)	2100	440	14(0.55)	4360(9.61)
M-50	1/2	0.37	7(0.68)	1420	420	14(0.55)	4360(9.61)

For more detailed air motor, please refer to page 23.

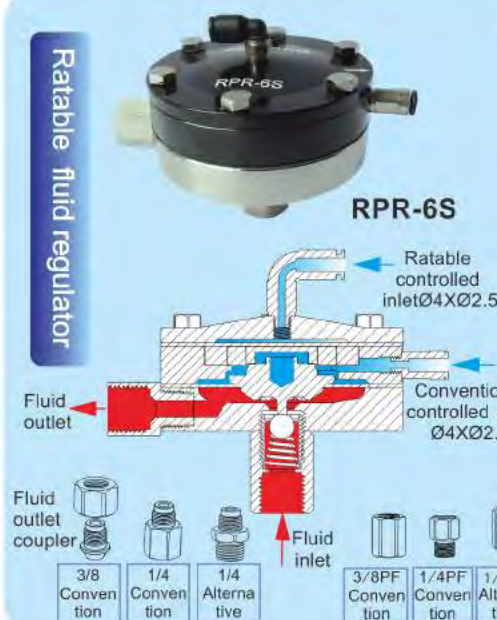
Fluid regulator

RPR-5S coating passage is made of advanced stainless steel material.



Model	Pressure adjustment	Intet connect	outlet connect	Weight	Coating passage
	kg/cm ² (Mpa)			g(lbs)	
RPR-5S	0.0-0.58(0.0-0.6)	3/8PF	1/4PF	1150(2.54)	Stainless
RPR-5	0.0-0.58(0.0-0.6)	3/8PF	1/4PF	837(1.85)	Aluminum
RPR-10	0.0-0.58(0.0-0.6)	3/8PF	1/4PF	1200(2.65)	Aluminum

Ratable fluid regulator



Functions and characteristics

- ◆ Ratable regulator, can apply for adjusting fluid pressure and flow remotely.
- The fluid pressure and flow are adjusted by the regulator.
- ◆ The ration of air pressure and fluid output pressure can be at 1:1 or 2:1 or 4:1
- ◆ Coating passage is adopted advanced stainless steel material.
- ◆ The fluid pipe coupler to choose from 1/4PF or 3/8PF.
- ◆ For more stable pressure and fluid output, please use air regulator.

Type rag	Order number	Thread		Inlet pressure min-max bar	Outlet pressure min-max bar	Fluid flow maxi.5 bar inlet	Man meter bar
		Inlet	Outlet				
Pneumatic adjustment	RPR-6S-R1	Female 1/4PF	Female 1/4PF	2-15	0.5-15	1.6(Tip1.1mm)	NO
	RPR-6S-R2			1-15	0.15-7	1.3(Tip1.1mm)	NO
	RPR-6S-R4			1-15	0.15-4	0.8(Tip1.1mm)	NO
	RPR-6S-R1CO	Female 3/8PF	Female 3/8PF	2-15	0.5-15	1.6(Tip1.1mm)	NO
	RPR-6S-R2CO			1-15	0.15-7	1.3(Tip1.1mm)	NO
	RPR-6S-R4CO			1-15	0.15-4	0.8(Tip1.1mm)	NO

Air regulator



Model	Thread	Pressure gauge thread	Pressure gauge	Max pressure	Regulation pressure range	Functions details	Weight
	Inlet	Outlet		kg/cm ² (Mpa)	kg/cm ² (Mpa)		g(lbs)
RP-101	1/4PT(F)	1/4PT(F)	1/8PT(F)			No fill pressure type	220(0.49)
RP-102	1/4PT(F)	1/4PT(F)	1/4PT(F)			Fill pressure type	220(0.49)
RP-103	1/4PT(F)	1/4PT(F)	1/8PT(F)				55(0.12)
RP-001	1/8PT(F)	1/8PT(F)	1/8PT(F)				125(0.28)
RP-001G	1/4PF(M)	1/4PF(F)	1/8PT(F)			No fill pressure type	120(0.26)
RP-002G	1/4PF(M)	1/4PF(F)	1/8PF(F)				55(0.12)
RP-003G	1/4PF(M)	1/4PF(F)	NO				125(0.28)
RP-004G	1/4PF(M)	1/4PF(M)	1/8PF(F)				

(M):Male screw, (F):Internal screw
Operation way: Air, ambient temperature: 5-60 °C



Pressure gauge



PG-01 1/4P-2 1/2" (6000psi) 400bar
PG-02 1/4P-2 1/2" (85psi) 6bar
PG-03 1/4P-2" (100psi) 7kg/cm²
PG-04 1/4P-1 1/2" (100psi) 7kg/cm²
PG-05 1/8P-1 1/2" (180psi) 12bar
PG-06 1/8P-1 1/2" (100psi) 7kg/cm²
PG-07 1/8P-1 1/2" (40psi) 3kg/cm²
PG-08 1/8P-1 1/2" (100psi) 7kg/cm²
PG-09 1/4P-1 1/2" (100psi) 7kg/cm²
PG-10 1/8T-1 1/2" (100psi) 7kg/cm²
PG-11 1/8T-1" (140psi) 10bar

Fluid pipe coupler



Fluid coupler

Model	Coupler 3/8-A-F-(C/S)	Coupler 3/8-A-M-(C/S)	Coupler 1/4-A-F-(C/S)	Coupler 1/4-A-M-(C/S)	Coupler 1/4-A-I-(C/S)
Shape					
A: Tube size	4X6 / 5X8 / 6.2X9.3 / 6.5X9.5 / 6.5X10 / 7X10 / 8X11 / 8X12 / 8.5X12 / 8.5X12.5	5X8 / 6.2X9.3 / 6.5X9.5 / 6.5X10 / 7X10 / 8X11 / 8X12 / 8.5X12 / 8.5X12.5	4X6 / 5X8 / 6.2X9.3 / 6.5X9.5 / 6.5X10 / 7X10 / 8X11 / 8X12 / 8.5X12 / 8.5X12.5	5X8 / 6.2X9.3 / 6.5X9.5 / 6.5X10 / 7X10 / 8X11 / 8X12 / 8.5X12 / 8.5X12.5	5X8 / 6.5X10 / 8X12
Material	C: Copper S: Stainless	C: Copper S: Stainless	C: Copper S: Stainless	C: Copper S: Stainless	C: Copper S: Stainless

Plastic air pipe coupler



Air coupler



Fluid pipe coupler



Model	A	B
RFC-1P	3/8PF(F)X 3/8PF(M)	
RFC-2P	1/4PF(F)X 1/4PF(M)	
RFC-1N	3/8NPS(F)X 3/8NPS(M)	
RFC-2N	1/4NPS(F)X 1/4NPS(M)	

For more detailed of Filter, please flip to page 80.

Fluid hose quick coupler



Quick coupler

O: European
L: American



Fluid coupler

(M): Outer Connect
(F): Inter Connect

RFC-HR		
Model	A	B
1	1/4PF(M)X 1/4PF(M)	
2	1/4NPS(M)X 1/4NPS(M)	
RFC-HT		
Model	A	B
1	3/8NPS/PF(F)X 3/8NPS/PF(M)	
2	1/4NPS/PF(F)X 1/4NPS/PF(M)	
3	3/8NPS/PF(F)X 1/4NPS/PF(M)	
4	1/4NPS/PF(F)X 3/8NPS/PF(M)	
RFC-HI		
Model	A	B
1	3/8NPS/PF(M)X 3/8NPS/PF(M)	
2	1/4NPS/PF(M)X 1/4NPS/PF(M)	
3	3/8NPS/PF(M)X 1/4NPS/PF(M)	

Suitable for High pressure paint

Paint hose



Inside: nylon material, solvent resisted
Outside: PU material

Model type	Model (Standard Length 100m)
Paint hose	(Acid-proof Alkali) 8*11(Light Yellow)
Paint hose	2.5*4/4*6/5*8/6*8/ 6.5*10/8*11/8*12
Reinforced plastic tubing	5*9.5/6.2*9.3/6.5*11/ 8*12/8.5*12
PE suction hose	8*10.5/9.6*12.7
PU air hose	4*6/5*8/6.5*10/8*12
PU reinforced plastic tubing	5*8/6.5*11/8*12
High-temperature paint hose	5*8/8*11
High-pressure paint hose	6.5*12.5/9.5*17.5
Anti-static air hose	6.5*10/8*12
Anti-static paint hose	6.5*10/8*11

High pressure paint hose



CONSTRUCTION
•Internal surface: Polyamide
•Reinforcement: one or two play of high tensile polyester textile fiber
•Ex Rmal surface: Polyurethane
•Application: pressure painting
•Temperature range: -40°C~95°C

Functions and characteristics

- ◆Safety thermoplastic hose to work at higher operating pressure.
- ◆Excellent resistance to paints solvents and chemicals.
- ◆Excellent flexibility, flex fatigue & non kinking.
- ◆Superior electrical conductivity, except for KN.
- ◆Small bend radius & very light weight.
- ◆Excellent volumetric expansion capability

HOSE TYPE	RX1.2	RX2.3	RX2.4
NOMINAL BORE METRIC	3	4	6
HOSE ID INCH	1/8"	4/16"	1/4"
HOSE ID MILLIMETRE	3.2	4.7	6.4
HOSE OD INCH	2/7"	2/5"	1/2"
HOSE OD MILLIMETRE	7.2	10.4	12.3
MAXIMUM OPERATING in Bar	220	235	250
in PSI	3200	3400	3625
PRESSURE MINIMUM BURST in Bar	880	940	1000
in PSI	12800	13600	14500
PRESSURE MILLIMETRE	25	40	55
METER	38	73	94
COUPLER	1/4NPS	3/8NPS	

PU cover Polyester fiber Polyester tube

Hose inner core of polyamide, resistant to most of the solvents used in the paint industry, cover made of polyurethane for excellent flex fatigue and abrasion resistance. Manufactured to meet special requirement and specifications, especially recommended for use with all type of air assisted and airless units. Hose can be produced without electrical conductivity.

UPON SPECIAL REQUEST

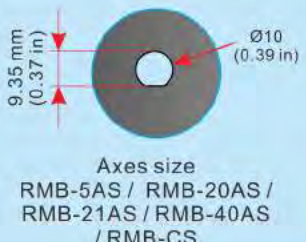
- ◆Hose ASSEMBLIES are all fitted with bichromated steel couplings swaged permanently to the hose, stainless steel version also available(wetted parts only).
 - ◆Standard cover color blue-light, others available in large quantities at customers request.
 - ◆NON CONDUCTIVE: Specify type KNXX.
- Note
All recommendations and suggestions appearing in this bulletin concerning the use of our products are based upon test and date believed to be reliable. Since the actual use by others is beyond our control, no guarantee expressed or implied, is made by our its subsidiaries, affiliates and distributors, as to the effects of such use or the results to be obtained, nor is any information to be construed as a recommendation to infringe any patent.

Fluid agitator blade



Model	Axes size	Material	Weight g(lbs)
RMB-5AS	—	Stainless	34.57(0.07)
RMB-1S	M8X1.25	Stainless	90.2(0.20)
RMB-20AS	—	Stainless	73.8(0.16)
RMB-21AS	—	Stainless	74.51(0.16)
RMB-40AS	—	Stainless	81(0.18)
RMB-40AS12	Ø12-M8X1.25	Stainless	88.8(0.20)
RMB-40AS15	Ø15-M8X1.25	Stainless	95(0.21)
RMB-1B	M8X1.25	Stainless	200(0.44)
RMB-2B	Ø12-M8X1.25	Stainless	232(0.51)
RMB-3B	Ø15-M8X1.25	Stainless	230(0.50)
RMB-CS	—	Stainless	302(0.67)
RMB-CS12	Ø12-M8X1.25	Stainless	310(0.68)
RMB-CS15	Ø15-M8X1.25	Stainless	316(0.70)

◆RMB-1B/1S blade is designed to reduce friction and shearing of the paint when mixing. Excellent for waterborne and high-shear paint material.



Fluid Cup

Filter CUP with 120 mesh and 200 mesh available

RFC-1
Filter Cup

RC-1
1000c.c
3/8"PF

RCL-10B
1000c.c
3/8"PF

RC-19B
1000c.c
M16X1 (Male Screw)

RC-10A
1000c.c
M16x1.5

RC-10AP
1000c.c
M16x1.5

RCL-7B
700c.c
1/4"PF

RC-2
600c.c
1/4"PF

RC-6A
600c.c
M16x1.5

RC-6AP
600c.c
M16x1.5

RC-6M
600c.c
M16X1.5 (Male Screw)

RC-6M1
600c.c
3/8 PF (Male Screw)

RC-6MP
600c.c
M16X1.5 (Male Screw)

RC-6R
600c.c
M16X1.5

RC-6M-B
600c.c
M16X1.5

RC-17R
400c.c
1/4"PF

RC-4-B/RC-4S-B
400c.c

RC-4
400c.c
3/8"PF

RC-4S
400c.c
1/4"PF

RC-4R
400c.c
3/8"PF

RC-4SR
400c.c
1/4"PF

RC-5
250c.c
1/4"PF

RC-51
150c.c
1/4"PF

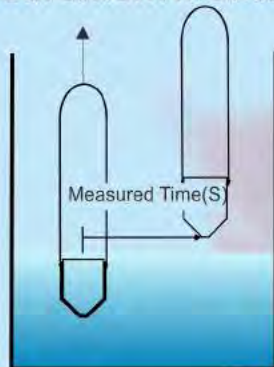
RC-51A
150c.c
M8X1.0

RC-51SR
150c.c
1/4"PF

RC-51M
150c.c
M8X1.0

Viscosity cup

Measurement method



Viscosity measuring cup measures the time (second) from first drop of coating to no coating.

1Pa.s=1000mPa.s=10P
1dPa.s=0.1Pa.s=1P
1mPa.s=0.001Pa.s=1cps

Viscosity conversion table:

Type	Pa.s	dPa.s (P)	mPa.s (cps)	prona RV-2 (s sec)	prona RV-4 (s sec)	Ford(S sec)	Zahn(S sec)	Krebs KU (S sec)
Low Viscosity	0.01	0.1	10			5		16
	0.015	0.15	15			8		17
	0.02	0.2	20	5	12	10	12	18
	0.025	0.25	25	8	15	12	15	19
	0.03	0.3	30	11	19	15	19	20
	0.04	0.4	40	14	25	17	25	22
	0.05	0.5	50	16	29	19	29	24
	0.06	0.6	60	19	33	21	33	27
	0.07	0.7	70	21	36	23	36	30
	0.08	0.8	80	25	41	26	41	34
Middle Viscosity	0.09	0.9	90	29	45	29	45	37
	0.10	1.0	100	31	50	31	50	41
	0.12	1.2	120	38	58	36	58	49
	0.14	1.4	140	44	66	41	66	53
	0.16	1.6	160	49	67	45	67	56
	0.18	1.8	180	56		51	16	74
	0.20	2.0	200	63		56	17	82
	0.22	2.2	220	69		61	18	18
	0.24	2.4	240	76		67	20	20
	0.26	2.6	260	83		72	21	21
High Viscosity	0.28	2.8	280	88		76	22	22
	0.30	3.0	300	96		83	24	24
	0.40	4.0	400				30	30
	0.50	5.0	500				37	68
	0.60	6.0	600				44	71
	0.70	7.0	700				51	74
	0.80	8.0	800				58	77
	0.90	9.0	900				64	81
	1	10	1000					85
	2	20	2000					103
	3	30	3000					121
	4	40	4000					133

Air Cap

R-2200AC R24
Pattern adjustable

R-2200AC R124
Pattern unadjustable

Fluid needle set
Needle seal seat

R-4700AC L4700

R-4700AC H4700

NOZZLE MODEL AND SPECIFICATION COMPARISON TABLE

Tip number	Orifice mm(in)	Fluid Output		Spray angle and max fan width at gun target distance of 10"(25cm) from substrate															
		3.5Mpa 35bar 500psi	7Mpa 70bar 1000psi	10°	18°	30°	40°	45°	50°	60°	67°	75°	82°	90°					
		l/min	l/min	3.5"	5"	7"	9"	9.5"	10"	12"	13"	15"	18"	22"					
02	0.127(0.005)	0.04	0.10	106 (02-03)	206 (02-05)														
03	0.178(0.007)	0.10	0.15	107 (03-03)	207 (03-05)	307 (03-07)													
04	0.229(0.009)	0.15	0.20	109 (04-03)	209 (04-05)	309 (04-07)	409 (04-09)	04-10	509 (04-11)	609 (04-13)									
06	0.279(0.011)	0.20	0.33	111 (06-03)	211 (06-05)	311 (06-07)	411 (06-09)	06-10	511 (06-11)	611 (06-13)	06-15								
09	0.330(0.013)	0.30	0.45	113 (09-03)	213 (09-05)	313 (09-07)	413 (09-09)	09-10	513 (09-11)	613 (09-13)	09-15								
12	0.381(0.015)	0.35	0.60	115 (12-03)	215 (12-05)	315 (12-07)	415 (12-09)	12-10	515 (12-11)	615 (12-13)	12-15	715 (12-17)							
14	0.406(0.016)	0.40	0.72	116 (14-03)	216 (14-05)	316 (14-07)	416 (14-09)	14-10	516 (14-11)	616 (14-13)	14-15	716 (14-17)							
18	0.457(0.018)	0.45	0.85		218 (18-05)	318 (18-07)	418 (18-09)	18-10	518 (18-11)	618 (18-13)	18-15	718 (18-17)							
20	0.508(0.020)	0.50	1.10			320 (20-07)	420 (20-09)	20-10	520 (20-11)	620 (20-13)	20-15	720 (20-17)	820 (20-19)						
25	0.559(0.022)	0.65	1.30			322 (25-07)	422 (25-09)	25-10	522 (25-11)	622 (25-13)	25-15	722 (25-17)							
30	0.610(0.024)	0.75	1.60			324 (30-07)	424 (30-09)	30-10	524 (30-11)	624 (30-13)	30-15	724 (30-17)	824 (30-19)						
40	0.686(0.027)	0.99	2.00				427 (40-09)	40-10	527 (40-11)	627 (40-13)	40-15	727 (40-17)	827 (40-19)	927 (40-21)					
45	0.737(0.029)	1.15	2.30					45-10	529 (45-11)	629 (45-13)	45-15	729 (45-17)	829 (45-19)	929 (45-21)					
60	0.787(0.031)	1.28	2.60					60-10	531 (60-11)	631 (60-13)	60-15	731 (60-17)	831 (60-19)	931 (60-21)					

! The amount of fluid output is test by water, water output data is only as reference to choose nozzle orifice , for the specific paint output ,the actual spraying shall prevail.

R-40AC R40

R-2500AC R1

R-2500AC H1

Please specify the model before you buy the nozzle

Tip filter

Model	RF-60	RF-80	RF-100	RF-150	RF-200
Color	White	Green	Black	Red	Yellow
Mesh	60	80	100	150	200

Cleaning set

RBS-1

Double diaphragm+cart

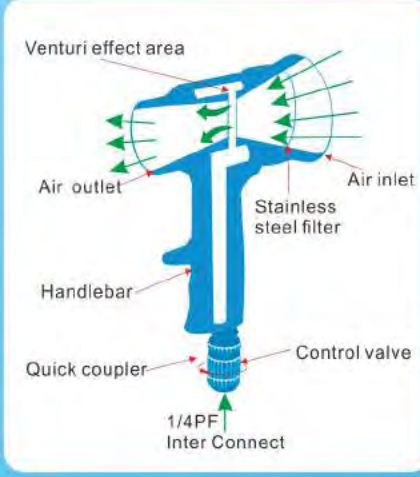


Model of double diaphragm

R-15	RS-15
R-18	RS-18
R-20	RS-20
R-26	RS-26

RBP-1

Water-based paint blower

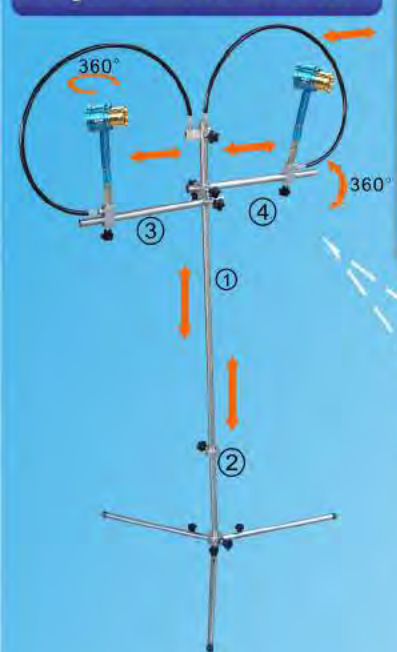


Functions and characteristics

- ◆ Designed for accelerating the drying of waterborne paint, provide high volume air flow, speed up drying time
- ◆ Filter that made of stainless steel can reduce the risks of imperfection in the paintwork.
- ◆ Suitable for drying large surface such as vehicle; or small area like phone parts.
- ◆ **Warning: the direction of blowing must be the same as the wind direction in the operation room to increase stability of air flow.**

Model	Name	Working pressure bar(psi)	Maximum pressure bar(psi)	Air consumption L/min	Maximum air flow	The maximum amount of wind L/min	Dry distance mm(in)	Weight g(lbs)
RP-1	Small flow	2.9 (43)	6.8(98)	270	10:1	2700	300-800(11.8-31.49)	265(0.58)
RP-2	Large flow	2.9 (43)	6.8(98)	700	4:1	2800	300-800(11.8-31.49)	633(1.40)

Dry blower stand



RPS-1

Functions and characteristics

- ◆ Blow guns can be used with stand in paint room or coating place.
- ◆ The drying time can be accelerated by adjusting the angle and blowing distance.
- ◆ The stand is made of light material and supported by firm triangular framework.
- ◆ Both height and width of stand are adjustable.
- ◆ The position of blow gun can be adjusted 360 degree.

Technical parameters

- The maximum adjustable height of the bracket is about 200cm.
- Pole① can be extended about 100cm long.
- Pole② can be extended about 90 cm long.
- Total adjustable width is about 80cm.
- Adjustable width of the pole③ and ④ are about 40 cm.

Caution

Ensure each screws have been tightened before use.
To avoid danger, the bracket can not be moved while being used.
After use, turn off the air, lower down the bracket to safety height.

Telescopic type magnetic suction blower gun support



RPS-2



R-SP1021
Mini Model

R-SP1628
R-SP1636
Light Model

R-SP2544
R-SP2554
R-SP2578
Super Model

Functions and characteristics

- ◆ Improved paint passage can efficiently reduce the usage of cleaning solvent and the amount of waste paint that generated during the cleaning process by 30%.(When compared with conventional model.)
- ◆ Has the advantage of easy cleaning, lower cost and reduce maintenance time.
- ◆ Special ring springs are used for gland packing, eliminating the need of tightening packing.
- ◆ Suitable for zinc-rich paint during large-scale construction.

Name	Mini model	Light model	Light model	Super model	Super model	Super model
Model	R-SP1021	R-SP1628	R-SP1636	R-SP2544	R-SP2554	R-SP2578
Pressure ratio	1:23	1:30	1:20	1:65	1:45	1:20
Max.paint pressure	11.5Mpa	15Mpa	10Mpa	32.5Mpa	22.5Mpa	10Mpa
Max. air pressure	0.5Mpa	0.5Mpa	0.5Mpa	0.5Mpa	0.5Mpa	0.5Mpa
Normal of discharge	1.3L/min	2.2L/min	3.2L/min	4L/min	6L/min	8L/min
Max.rate of discharge	4L/min	6.8L/min	10L/min	14L/min	20L/min	30L/min
Air hatch	G1/4			RC 3/4		
Fluid outlet	G3/8					
Compressor	0.75kw(1PS)	1.5kw(2PS)	1.5kw(2PS)	5.6kw(7.5PS)	5.6kw(7.5PS)	5.6kw(7.5PS)
SizeWxDxH mm in	320X400X750 (12.6X15.7X29.5)	350X500X900 (13.8X19.7X35.4)	350X500X900 (13.8X19.7X35.4)	600X720X1280 (23.6X28.3X50.4)	600X720X1280 (23.6X28.3X50.4)	600X720X1280 (23.6X28.3X50.4)
Weight(kg/ lbs)	14(30.9)	32(70.5)	33(72.8)	105(231.5)	110(242.5)	115(203.5)