# Prona®

SINCE1985

# 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.


# Content Inde

Perfect result comes from outstanding quality

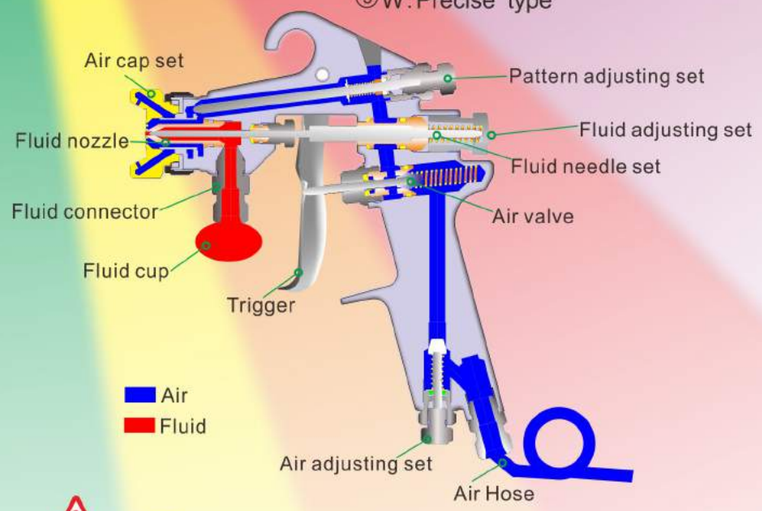
# Prona Spray Gun Product Name Explanation

**R-71-G15**
① ② ③ ④

①R： Prona Spray Gun
RL：Low-Pressuer Spray Gun
②71:Spray Gun Model
③G：Gravity Type of Feed
S：Suction Type of Feed
P：Pressure Type of Feed
④15：FLUid Nozzle Orifice ø1.5mm

**RAR-101-P08-W**
① ② ③ ④ ⑤

①R： 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
②101:Spray Gun Model
③P：Pressure Type of Model
④08：Nozzle size ø0. 8mm
⑤W：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.

Open flames Prohibited
Wear respirator mask
Reading instruction
Electrostatic protection
Don't corrupt gun body
Do not excess maximum Pressure
Careful stab wound
Wear goggles
Do not excess maximum temperature



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**RAR-1100**

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


**RAR-2200-AC**

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


**R-4700AC**

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


**R-110N**

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


**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.


**RHS-2A**

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


**R-4600N**

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


**R-4630**

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


**R-3200**

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

**Modern design**
**High quality**


RAL-103-(W) RAL-203-(W) RAL-200

## Functions and Characteristics

- ♦ Both needle and nozzle are made of stainless steel by high precision processing equipment , provide excellent abrasion and corrosion resistande.
- ♦ 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 machin and production line.

| Model | Type of feed | Nozzle size | Air cap | Air pressure | Air consumption | Fluid output | Spray width ±20 | Weight |
|---|---|---|---|---|---|---|---|---|
| | | ømm( in) | | kg/cm² (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 disrance: 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 disrance: 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.

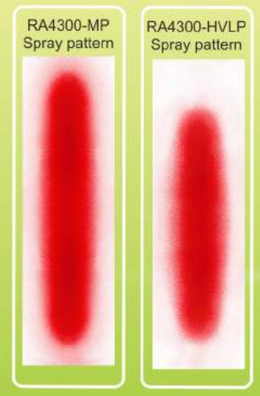
Coating Precision Adjusting Device
Application NO:ZL 2014 2 0622306. 6


Precise Type


1. Comfortable knob, stepless adjustment
2. The adjustment set can be applyed on other automatic spray gun
3. Can accurately show and adjust the fluid output.

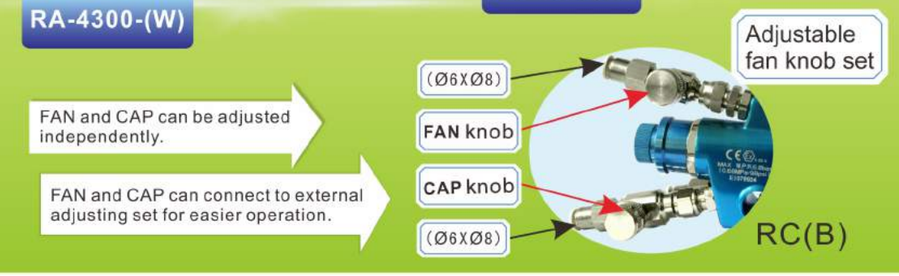








RA-4300-(W) RA-430-(W)




## 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 milti-holes, can steadly provide air flow, reduce spattering.
- ♦ Air cap is processed by high accuracy turn-milling technology,can steadly 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/cm² (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 disrance: 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 disrance: 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

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


| Model | Type of feed | Nozzle size | Air cap | Air pressure | Air consumption | Fluid output | Spray width ±20 | Weight |
|---|---|---|---|---|---|---|---|---|
| | | ømm( in) | | kg/cm² (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 | | 360(12.72) | 500 | 330(13.00) | |
| RA-200(RC)-P20ZP(W) | | 2.0(0.079) | R1Z | 3.0-3.5 (0.29-0.34) | 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-100: Spray disrance: 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 disrance: 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.



Universal Automatic Spray Gun

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 tranfer 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/cm² (Mpa) | l/min(cfm) | ml/min | mm(in) | g(lbs) |
| RA-103(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-103(RC)-P10(W) | | 1.0(0.039) | E2P | | 270(9.54) | 200 | 220(8.66) | |
| RA-103(RC)-P10(W) | | 1.0(0.039) | E1 | | 90(3.18) | 100 | 140(5.51) | |
| RA-103(RC)-P13(W) | | 1.3(0.051) | H2 | | 260(9.19) | 250 | 230(9.06) | |
| RA-103(RC)-P15(W) | | 1.5(0.059) | H2 | | 260(9.19) | 270 | 245(9.65) | |
| RA-103(RC)-P18(W) | | 1.8(0.071) | N2 | | 190(8.71) | 310 | 230(9.06) | |
| RA-203(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-203(RC)-P15(W) | | 1.5(0.059) | K2 | | 330(11.66) | 270 | 340(13.39) | |
| RA-203(RC)-P18(W) | | 1.8(0.071) | K2 | | 330(11.66) | 330 | 340(13.39) | |
| RA-203(RC)-P20(W) | | 2.0(0.079) | R2 | | 360(12.72) | 400 | 320(12.60) | |
| RA-203(RC)-P25(W) | | 2.5(0.098) | W2 | | 360(12.72) | 500 | 330(13.00) | |
| RA-203(RC)-P20ZP(W) | | 2.0(0.079) | R1Z | 3.0-3.5 (0.29-0.34) | 500(17.67) | 760 | 370(14.57) | |
| RA-203(RC)-P25ZP(W) | | 2.5(0.098) | R1Z | | 500(17.67) | 760 | 370(14.57) | |
| RA-203-15R | Pressure | 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-103: Spray disrance: 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 disrance: 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 disrance: 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.


| 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 disrance: 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.








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 steadly 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 | | 360(12.75) | 500 | 330(13.00) | |
| RA-230-P20ZP(W) | | 2.0(0.079) | R1Z | 3.0-3.5 (0.29-0.34) | 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 disrance: 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 disrance: 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

### 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/cm² (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) | |

## Simplified Low-Pressure Automatic Spray Gun


RAL-60 HVLP Cap


HVLP Cap

RAL-80

♦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

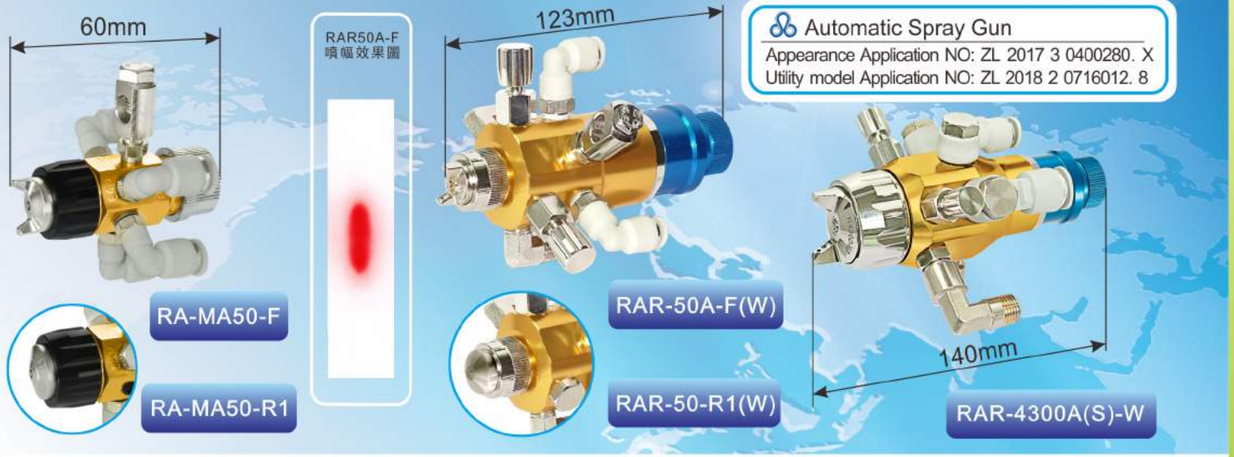

R-200-C21

### 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 effiency.
- 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/cm² (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/cm² (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:32(1.26)/R1:18(0.71) | 112 (0.25) |
| RA-MA50-F/R1-P06 | | 0.6(0.024) | 06F | 06R1 | | | F:58/R1:40 | F:45(1.77)/R1:22(0.87) | |
| RA-MA50-F/R1-P08 | | 0.8(0.031) | 08F | 08R1 | | F:75(2.65)/ R1:60(2.12) | F:90/R1:60 | F:55(2.17)/R1:22(0.87) | |
| RA-MA50-F/R1-P10 | | 1.0(0.039) | 10F | 10R1 | | | F:110/R1:80 | F:55(2.17)/R1:27(1.06) | |
| RA-MA50-F/R1-P12 | | 1.2(0.047) | 10F | 10R1 | | | F:150/R1:110 | F:75(2.95)/R1:27(1.06) | |
| 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:40(1.57)/R1:20(0.79) | 395 (0.870) |
| RAR-50A-F/R1-P06(W) | | 0.6(0.024) | 06F | 06R1 | | | F:65/R1:50 | F:50(1.97)/R1:25(0.98) | |
| RAR-50A-F/R1-P08(W) | | 0.8(0.031) | 08F | 08R1 | | F:100(3.53)/ R1:80(2.83) | F:100/R1:70 | F:60(2.36)/R1:25(0.98) | |
| RAR-50A-F/R1-P10(W) | | 1.0(0.039) | 10F | 10R1 | | | F:120/R1:95 | F:60(2.36)/R1:30(1.18) | |
| RAR-50A-F/R1-P12(W) | | 1.2(0.047) | 10F | 10R1 | | | F:160/R1:125 | F:80(3.15)/R1:30(1.18) | |
| 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(7.87-9.841in), 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.



High-Capacity Low-Pressure Environment Protection Automatic Spray Gun


## 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-perforance 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/cm² (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-perforance 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/cm² (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 washablity 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 effiency.
- 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/cm² (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

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

RAR-310-(W)

RAR-410-(W)


FAN 、CYL 、CAP can control the air passage independently , apply ø4Xø6 air hose.

FLU is the fluid inlet, is made of stainless steel, apply ø4x ø6 paint hose.

| Model | Type of feed | Nozzle size | Air cap | Air pressure | Air consumption | Fluid output | Spray width ±20 | Weight |
|---|---|---|---|---|---|---|---|---|
| | | ømm( in) | | kg/cm² (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 | | 250250(8.83) | 200 | 100(3.94) | |
| RAR-310-P10(W) | | 1.0(0.039) | X6 | | 250250(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: ø4 x ø6mm.
♦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: ø4 x ø6mm.
♦For more detail of the product, please refer to page 22.



# Simplified High-Pressure Miniature Automatic Spray Gun


## 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 | Spray pattern | Air pressure | Air consumption | Water output | Spray width ±20 | Weight |
|---|---|---|---|---|---|---|---|---|
| | | ømm( in) | | kg/cm² (Mpa) | l/min(cfm) | ml/min | mm(in) | g(lbs) |
| RA-C1/C2 RA-S1/S2 | 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) |
| | | 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 RA-S1R/S2R | 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) |
| | | 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 |
|---|---|---|---|---|---|---|---|---|
| | | ømm( in) | | kg/cm² (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(3.94-512) | |
| 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
## Architecture Spraying Automatic Spray Gun


| 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 Consum-ption | 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%


### 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.

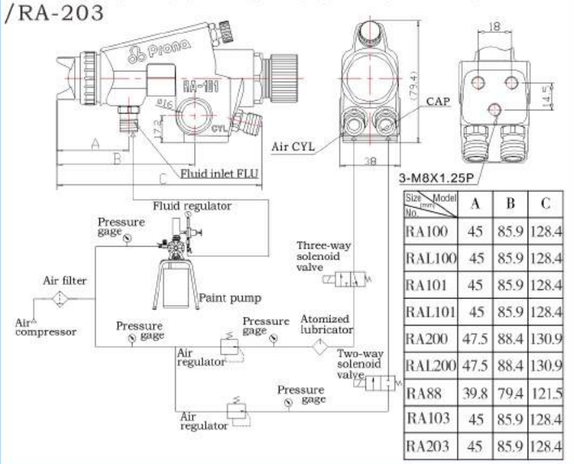
| Model | Type of feed | 噴嘴口徑 | Air pressure | Air consumption | Spray width ±20 | Cup quantity | Weight |
|---|---|---|---|---|---|---|---|
| | | ømm( in) | kg/cm² (Mpa) | l/min(cfm) | mm(in) | | g(lbs) |
| RAHS-2A | Pressure Gravity | 3.0(0.118) | 3.0-3.5 (0.29-0.34) | 250(17.2) | 80-250 (3.15-9.84) | 600 ml 1.0 l 1.5 l | 501.8 (1.11) |
| | | 4.0(0.157) | | 300(20.7) | | | |

- 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 thank is 1.5L; Available with 1L, 600ml or without tank.



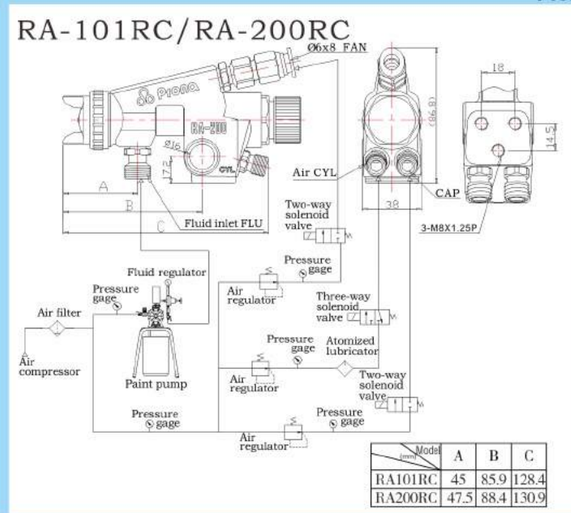
# Circuit Diagram Of Automatic Spray Gun

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



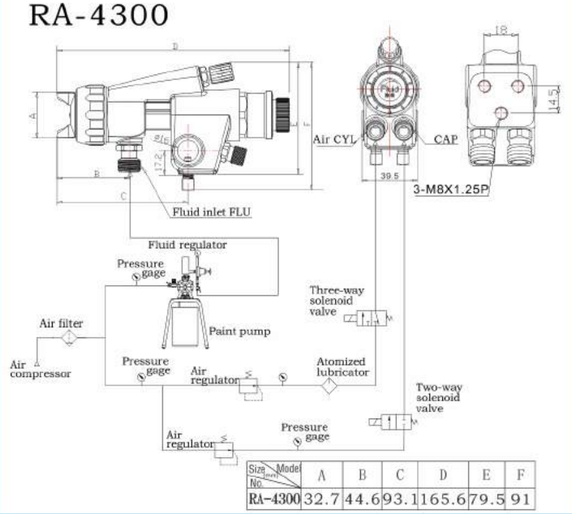

| Size No. | Model | A | B | C |
|---|---|---|---|---|
| | RA100 | 45 | 85.9 | 128.4 |
| | RAL100 | 45 | 85.9 | 128.4 |
| | RA101 | 45 | 85.9 | 128.4 |
| | RAL101 | 45 | 85.9 | 128.4 |
| | RA200 | 47.5 | 88.4 | 130.9 |
| | RAL200 | 47.5 | 88.4 | 130.9 |
| | RA88 | 39.8 | 79.4 | 121.5 |
| | RA103 | 45 | 85.9 | 128.4 |
| | RA203 | 45 | 85.9 | 128.4 |

### RA-101RC/RA-200RC



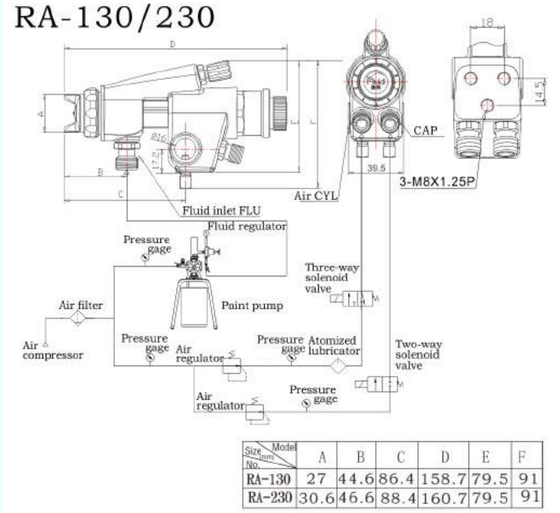

| Size No. | Model | A | B | C |
|---|---|---|---|---|
| | RA101RC | 45 | 85.9 | 128.4 |
| | RA200RC | 47.5 | 88.4 | 130.9 |

### RA-4300



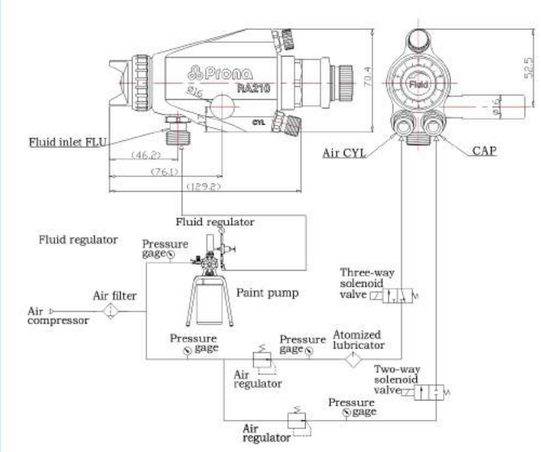

| Size No. | Model | A | B | C | D | E | F |
|---|---|---|---|---|---|---|---|
| | RA-4300 | 32.7 | 44.6 | 93.1 | 165.6 | 79.5 | 91 |

### RA-130/230

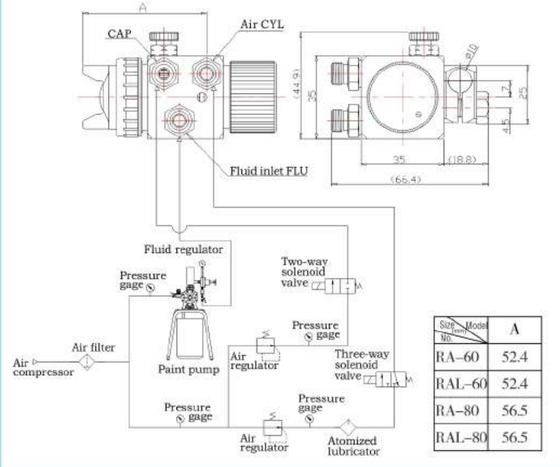



| Size No. | Model | A | B | C | D | E | F |
|---|---|---|---|---|---|---|---|
| | RA-130 | 27 | 44.6 | 86.4 | 158.7 | 79.5 | 91 |
| | RA-230 | 30.6 | 46.6 | 88.4 | 160.7 | 79.5 | 91 |

### RA-210

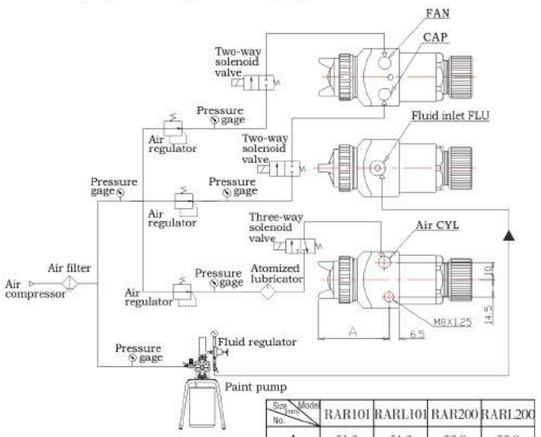



### RA(L)-60/RA(L)-80



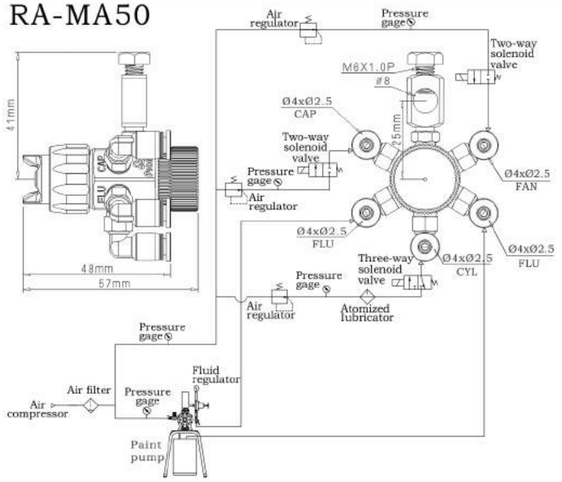

| Size No. | Model | A |
|---|---|---|
| | RA-60 | 52.4 |
| | RAL-60 | 52.4 |
| | RA-80 | 56.5 |
| | RAL-80 | 56.5 |

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

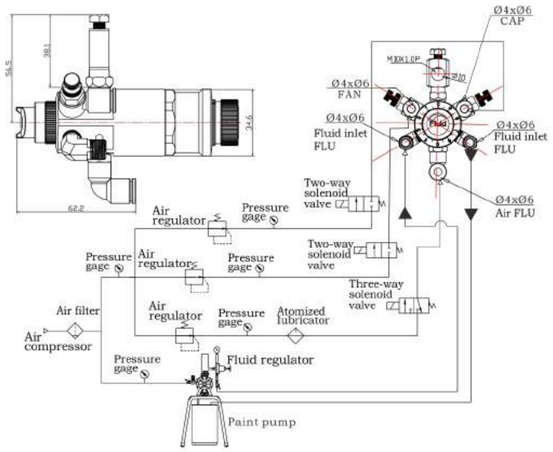



| Size / Model (mm) / No. | RAR101 | RARL101 | RAR200 | RARL200 |
|---|---|---|---|---|
| A | 51.3 | 51.3 | 53.8 | 53.8 |

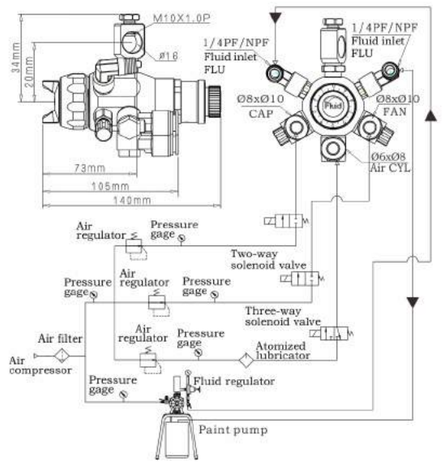
## RA-MA50



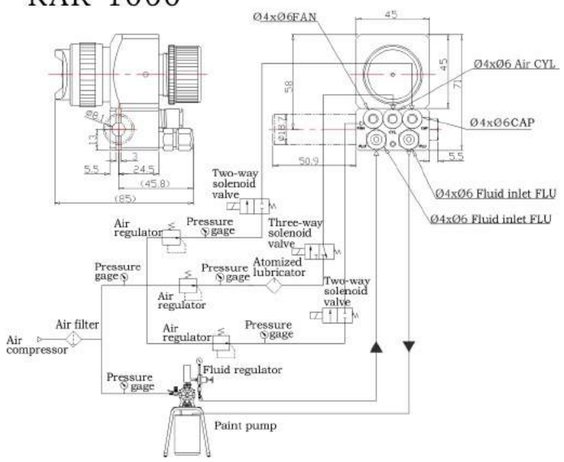

## RAR-50A



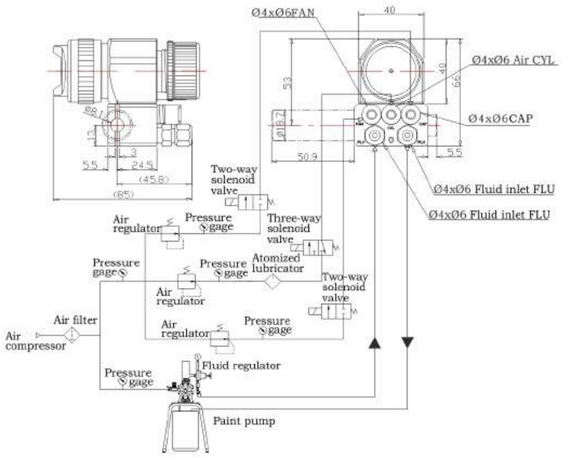

## RAR-4300A




## RAR-1000



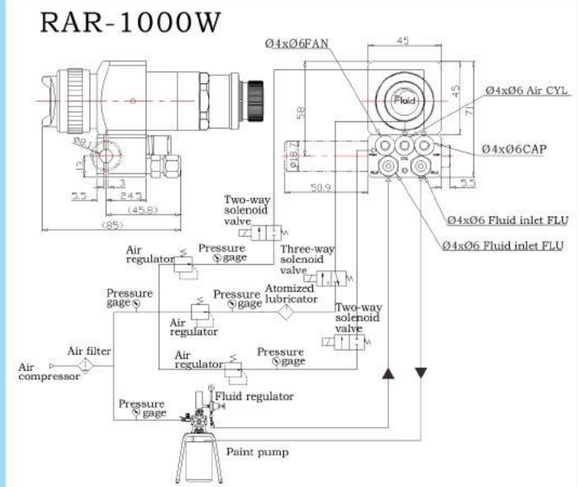

## RAR-1000S



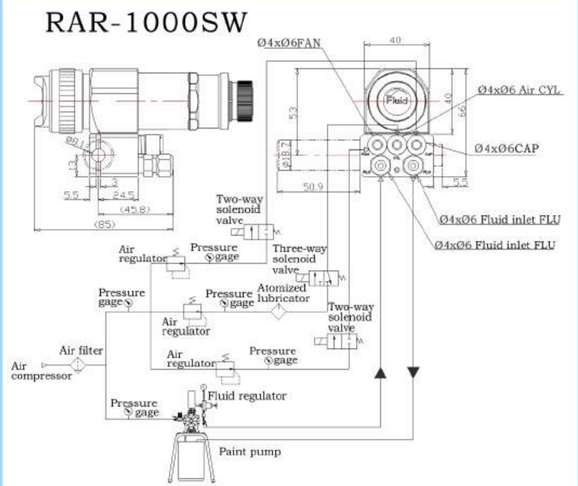



Circuit Diagram Of Automatic Spray Gun

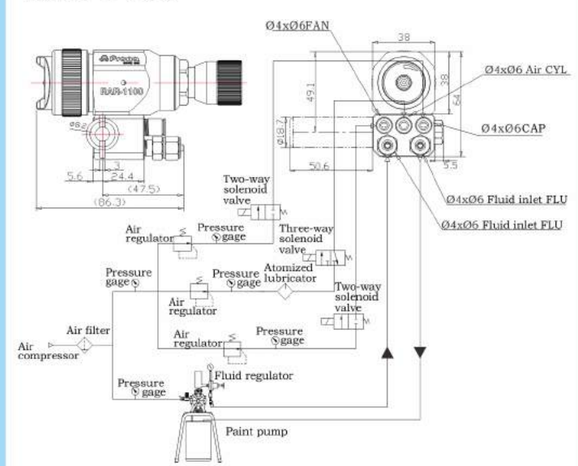
## RAR-1000W



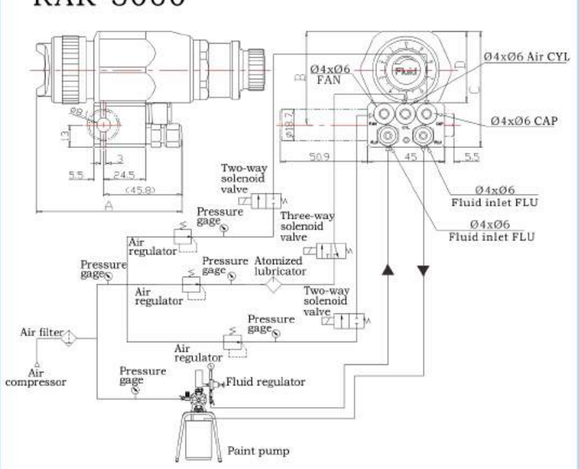

## RAR-1000SW



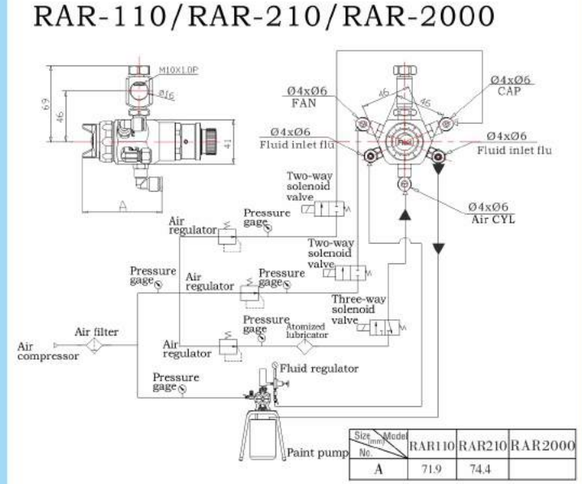

## RAR-1100




## RAR-3000

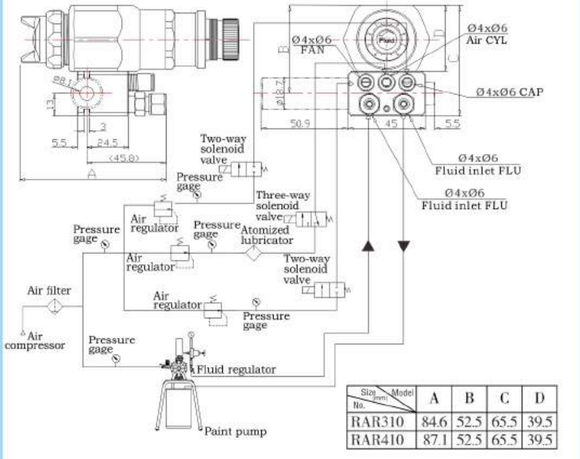



## RAR-110/RAR-210/RAR-2000




| Size / Model (mm) / No. | RAR110 | RAR210 | RAR2000 |
|---|---|---|---|
| A | 71.9 | 74.4 | |

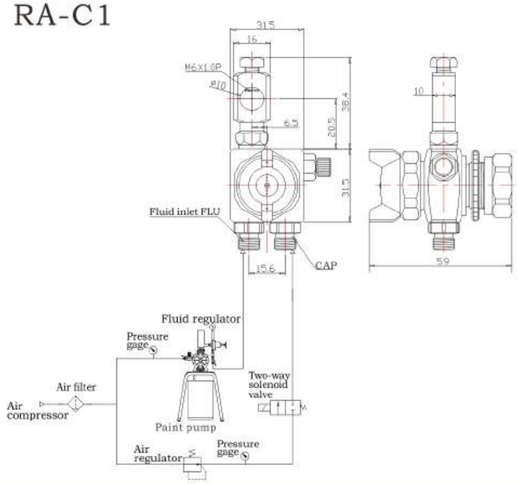
## RAR-310/RAR-410



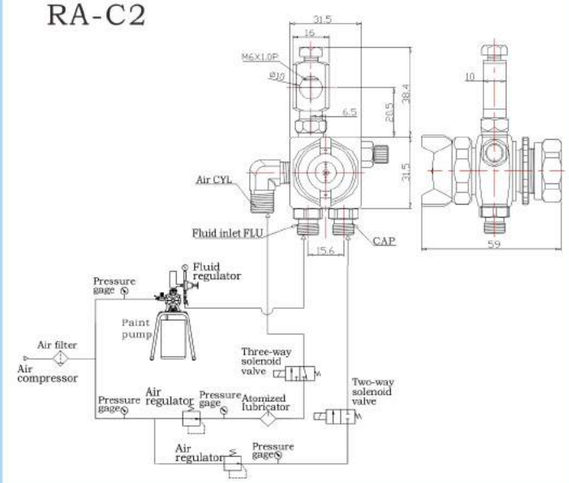

| Size / Model (mm) / No. | A | B | C | D |
|---|---|---|---|---|
| RAR310 | 84.6 | 52.5 | 65.5 | 39.5 |
| RAR410 | 87.1 | 52.5 | 65.5 | 39.5 |

# Circuit Diagram Of Automatic Spray Gun/ Dimension Diagram Of Air Motor

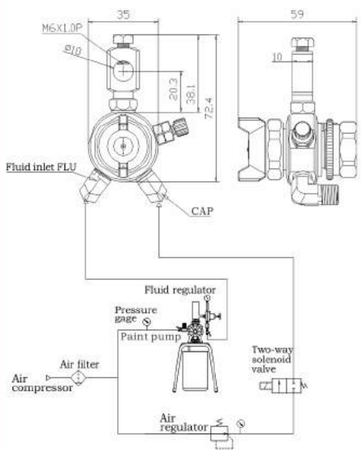
## RA-C1



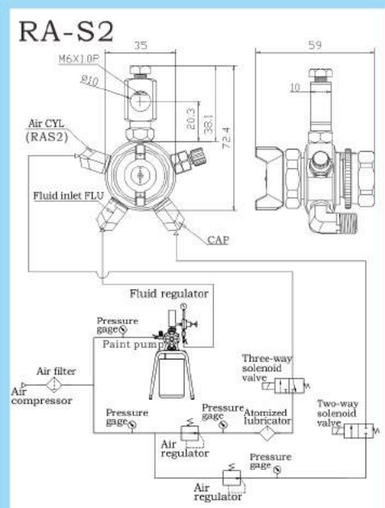

## RA-C2



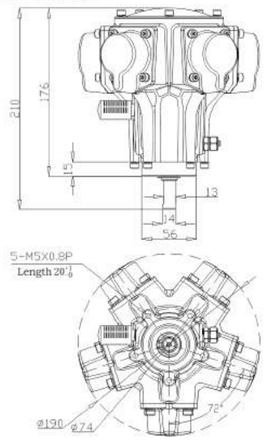

## RA-S1



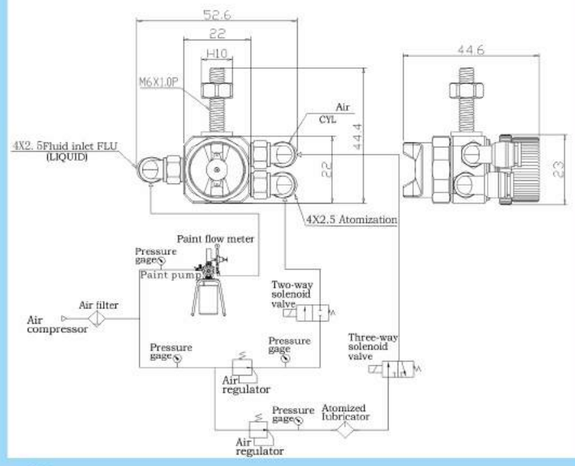

## RA-S2



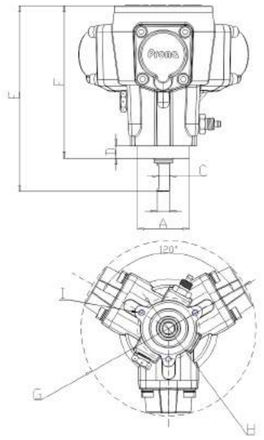

## M40/M50 Dimension Diagram Of Air Motor




## RA-MC2




## Dimension Diagram Of Air Motor




| Size / Model / 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 Length10 | 3-M4X0.7P Length10 | 3-M4X0.7P Length10 |

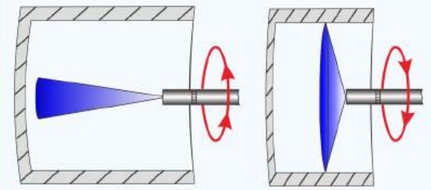


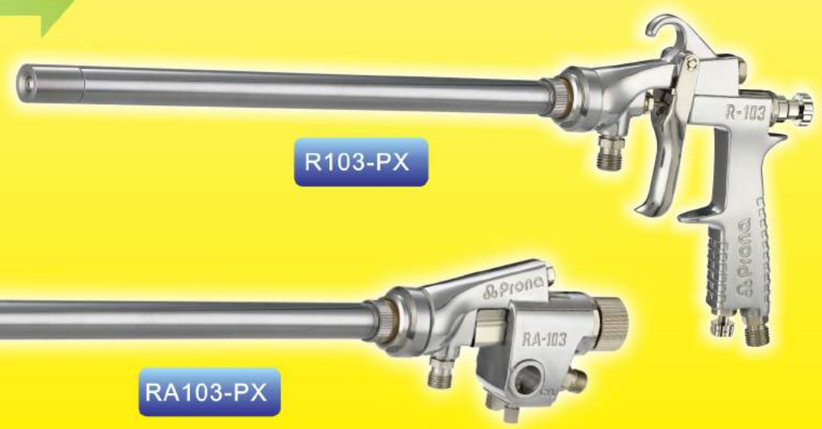


Plane and Inner-wall Extension Spray Gun
Application NO: ZL 2014 2 0622481. 5

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






R103-PX

RA103-PX

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/cm² (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) 300(11.81) 500(19.69) 800(31.50) 1000(39.37) 1500(59.06) 2000(78.74) | 100(3.95) | 564-2302 (1.24-5.07) |
| RA103-12PX | | 1.0(0.051) | | | | 115 | | | 150(5.91) | |
| R103-18PX | | 1.3(0.051) | 150(5.91) | | 180(6.36) | 130 | 18(0.70) | | 250(9.84) | |
| RA103-18PX | | | | | | | | | 300(11.81) | |

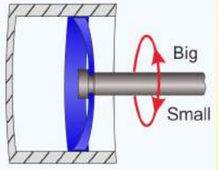
♦R-103-PX Fluid viscosity: 20±1 second/ RV-2. Coating pressure: 0.8kg/cm2. Fluid and air inlet:1/4 PF.NPF.
♦RA-103-PX Fluid viscosity: 20±1 second/ RV-2. Coating pressure: 0.8kg/cm2. Fluid, air and CYL inlet:1/4 PF.NPF.

# Inner-Wall Extension Spray Gun

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

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-PS / RA103-PS
Spray atomization effect

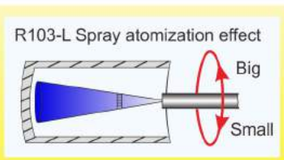







R103-09PS/RA103-09PS suitable for low viscosity ,medium viscosity fluid .
R103-12PS suitable for medium viscosity,high viscosity fluid.

| Model | Type of feed | Nozzle size | Spray distance | Air pressure | Air consumption | Fluid utput | The diameter of the out tube | Tube length | Spray width ±20 | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| | | ømm( in) | mm(in) | kg/cm² (Mpa) | l/min(cfm) | ml/min | Ømm(in) | mm(in) | mm(in) | g(lbs) |
| R103-09PS<br>RA103-09PS | Pressure | 0.7(0.027)<br>0.8(0.031) | 15(0.59) | 2.0-2.5<br>(0.2-0.25) | 150-200<br>(7.07-8.13) | 250-300<br>300-350 | 9(0.354) | 180(7.09)<br>250(9.84)<br>300(11.81)<br>400(15.75)<br>500(19.69) | 65-300<br>(2.56-11.81) | 515-850<br>(1.14-1.87) |
| R103-12PS<br>RA103-12PS | | 1.8(0.071) | 40(1.57) | 2.5-3.0<br>(0.25-0. 3) | 200-230<br>(10.6-13.43) | 490-520 | 12(0.47) | | 100-300<br>(3.94-11.81) | |





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 utput | The diameter of the out tube | Tube length | Spray width ±20 | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| | | ømm( in) | mm( in) | kg/cm² (Mpa) | l/min(cfm) | ml/min | mm(in) | mm(in) | mm(in) | g(lbs) |
| R103-L<br>RA103-L | Pressure | 1.2(0.047)<br>1.4(0.055) | 200<br>(7.87) | 3.0-3.5<br>(0.29-0.34) | 230(8.13) | 180-220 | 11(0.43) | 150(5.91)<br>300(11.81)<br>500(19.69)<br>800(31.50)<br>1000(39.37)<br>1500(59.06) | Maximum Inner spray width 70mm(2.76) | 540-820<br>(1.19-1.81) |

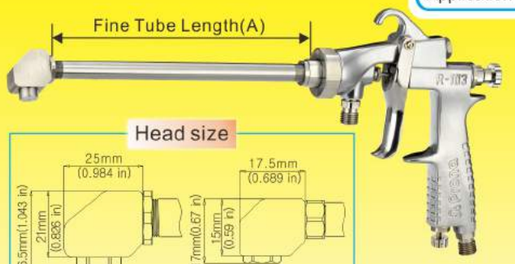
♦ R-103PS / R103-L Fluid viscosity: 20±1 second/ RV-2. Coating pressure: 0.5-0.8kg/cm2. Fluid and air inlet:1/4 PF.NPF.
♦ RA-103PS / RA103-L Fluid viscosity: 20±1 second/ RV-2. Coating pressure: 0.5-0.8kg/cm2. Fluid and air inlet:1/4 PF.NPF.



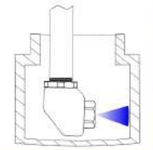
# 90° Angle Head Fine Tube Spray Gun / Slim Inner-wall Spray Gun

## 90° Angle Head Fine Tube Spray Gun

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




90° Head fine tube spray gun spray atomization effect



Special length can be ordered

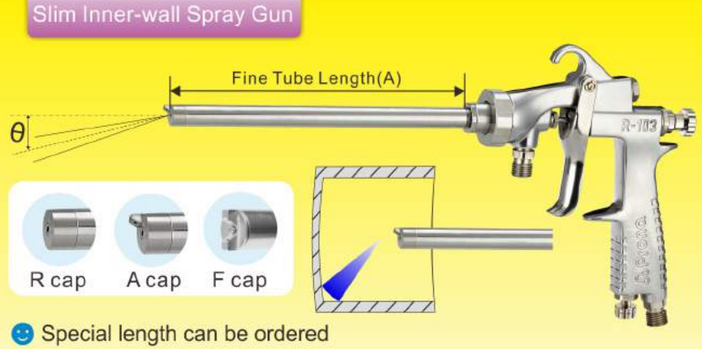
### Functions and Characteristics

- ♦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/cm² (Mpa) | mm(in) |
| R-1205-90° | 50(1.97) | 0.6(0.024)<br>1.0(0.394) | 12(0.47) | 2.0-3.0<br>(0.2-0.29) | 60(2.36)<br>90(3.54) |
| R-1218-90° | 180(7.09) | | | | |
| R-1225-90° | 250(9.84) | | | | |
| R-1235-90° | 350(13.77) | | | | |
| R-0905-90° | 50(1.97) | 0.5(0.020) | 9(0.35) | 2.0-3.0<br>(0.2-0.29) | 40<br>(1.57) |
| 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

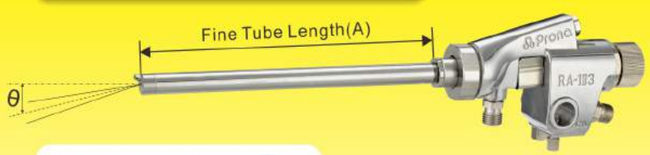
- ♦Provide fine atomization.
- ♦R cap is suitable for spraying long distance or deep internal surface.
- ♦A cap is suitable for painting internal surfaces of pipes or bottle. also the side surface.
- ♦Air cap and fluid tube are made of stainless steel, high hardness not easy to bended or deformed, provide 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/cm² (Mpa) | mm(in) | | mm(in) |
| R-1205 | 50(1.97) | 0.6(0.024)<br>1.0(0.394) | 12(0.47) | 2.5-3.0<br>(0.24-0.29) | 60(2.36)<br>90(3.54) | ~19° | 70(2.76)<br>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<br>(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<br>(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





Special length can be ordered

### Functions and Characteristics

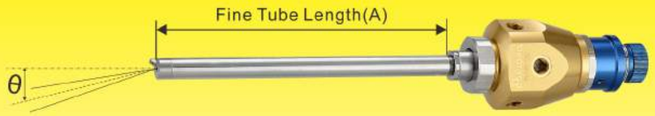
- Provide fine atomization.
- R cap is suitable for spraying long distance or deep internal surface.
- A cap is suitable for painting internal surfaces of pipes or bottle. also the side surface.
- Air cap and fluid tube are made of stainless steel, high hardness not easy to bended or deformed, provide 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/cm² (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(6.91) | | | | | | |
| 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-Copacity Slim Inner-wall Automatic 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/cm² (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) | | | | | | |

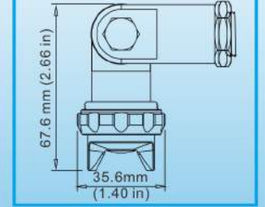
Note:
A cap for Angle
R cap for Round
F cap shaped for F cover

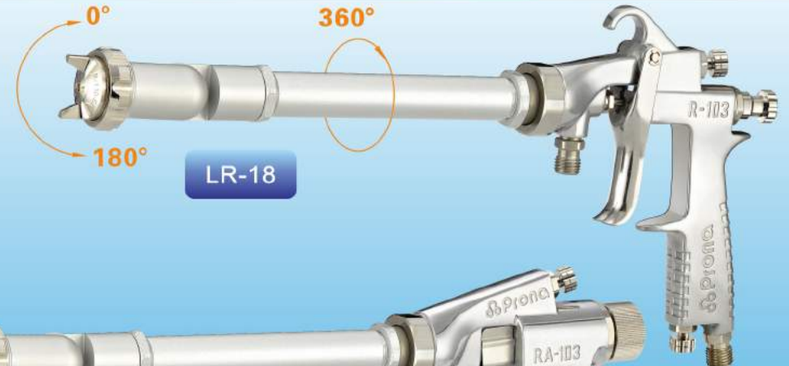
- Spray distance:150-200mm (5.90-7.87in). Fluid viscosity:20±1 seconds/RV-2. Coating pressure: 0.8kg/cm².Fluid , Air and CYL Inlet: 1/8 PF/NPF.





Head size diagram




LR-18

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


LRA-18

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

LRAR-18

LR18(Manual)/LRA18(Automatic)/LRAR18(Automatic)

Special length can be ordered

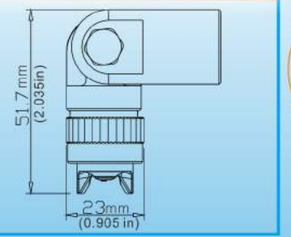
Remark：LR18-P10-300

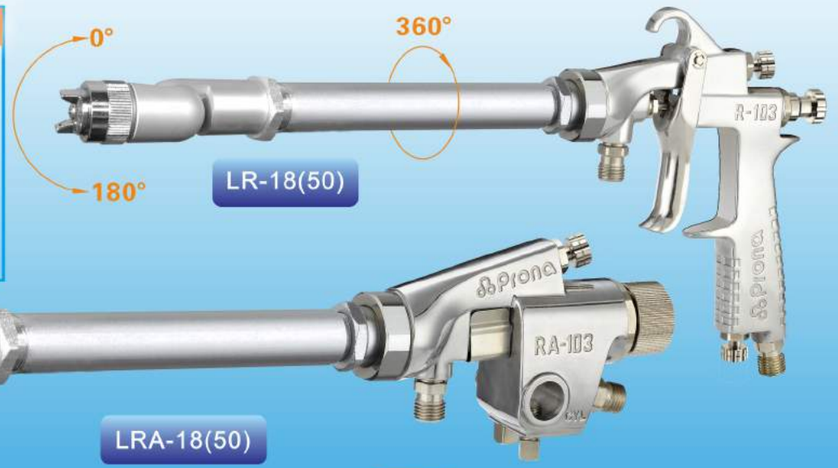
- Tube Length(mm)
- Nozzle size
- Pressure
- Model

| Model | Head angle | Nozzle size | Air cap | Air pressure | Air consumption | Fluid output | Headed length | Spray diatance | Spray width ±20 | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| | ° | ømm( in) | | kg/cm² (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) 300(11.81) 500(19.69) 800(31.50) 1000(39.37) 1500(59.06) | 200(7.87) | 190(7.48) | 628-1814 (1.38-4) |
| LR18-P10 | | 1.0(0.039) | | | 270(9.54) | 200 | | | 220(8.66) | |
| LR18-P13 | | 1.3(0.051) | | | 220(7.77) | 200 | | | 210(8.27) | |
| LR18-P15 | | 1.5(0.059) | | | 220(7.77) | 250 | | | 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) 300(11.81) 500(19.69) 800(31.50) 1000(39.37) 1500(59.06) | 200(7.87) | 190(7.48) | 772-1958 (1.7-4.32) |
| LRA18-P10 | | 1.0(0.039) | | | 270(9.54) | 200 | | | 220(8.66) | |
| LRA18-P13 | | 1.3(0.051) | | | 220(7.77) | 200 | | | 210(8.27) | |
| LRA18-P15 | | 1.5(0.059) | | | 220(7.77) | 250 | | | 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) 300(11.81) 500(19.69) 800(31.50) 1000(39.37) 1500(59.06) | 200(7.87) | 190(7.48) | 705-1495 (1.5-3.3) |
| LRAR18-P10 | | 1.0(0.039) | | | 270(9.54) | 200 | | | 220(8.66) | |
| LRAR18-P13 | | 1.3(0.051) | | | 220(7.77) | 200 | | | 210(8.27) | |
| LRAR18-P15 | | 1.5(0.059) | | | 220(7.77) | 250 | | | 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.

## Head size diagram




## Functions and Characteristics

- Gun head can roate 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 treatmnet, 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 diatance | Spray width ±20 | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| | ◦ | ømm( in) | | kg/cm² (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) 300(11.81) 500(19.69) 800(31.50) 1000(39.37) 1500(59.06) | 150 (5.91) | 100 (3.94) | 571-1766 (1.26-3.89) |
| 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) 300(11.81) 500(19.69) 800(31.50) 1000(39.37) 1500(59.06) | 150 (5.91) | 100 (3.94) | 517-1943 (1.58-4.28) |
| 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) 300(11.81) 500(19.69) 800(31.50) 1000(39.37) 1500(59.06) | 150 (5.91) | 100 (3.94) | 517-1943 (1.58-4.28) |

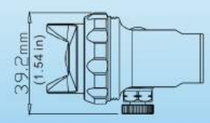
♦LR-18(50): Fluid viscosity: 20±1 second/ RV-2. Coating pressure: 0.8kg/cm2. Fluid and air inlet:1/4 PF/NPF.
♦LRA-18(50): Fluid viscosity: 20±1 second/ RV-2. Coating pressure: 0.8kg/cm2. Fluid, air and CYL inlet :1/4 PF.NPF.
♦LRAR(50)-18: Fluid viscosity: 20±1 second/ RV-2. Coating pressure: 0.8kg/cm2. Fluid, air and CYL inlet:1/8 PF.NPF.



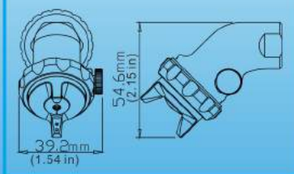


## Head diagram

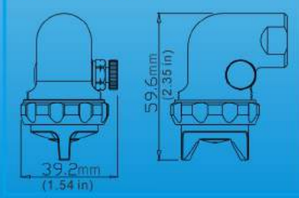
LR10-0°

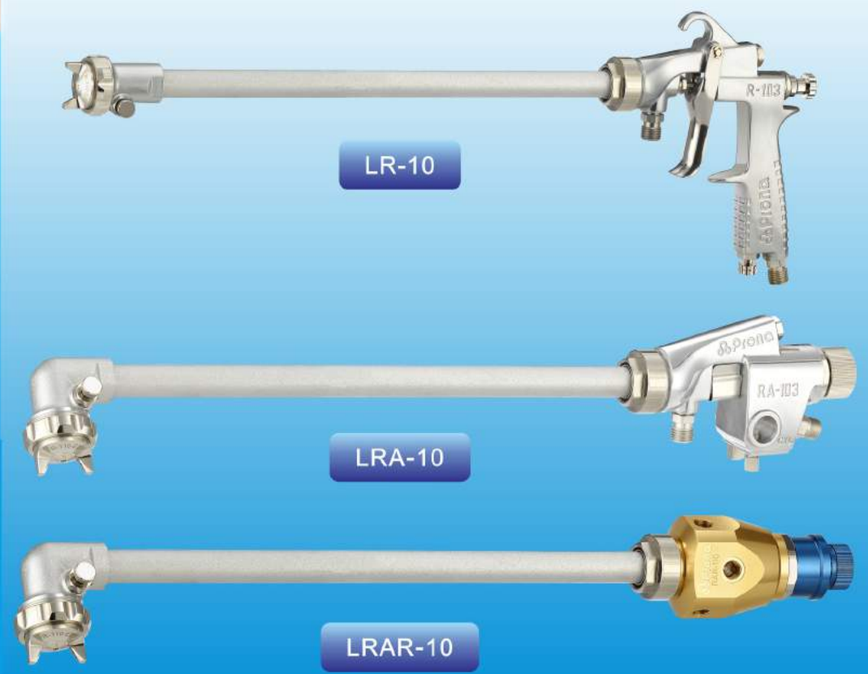


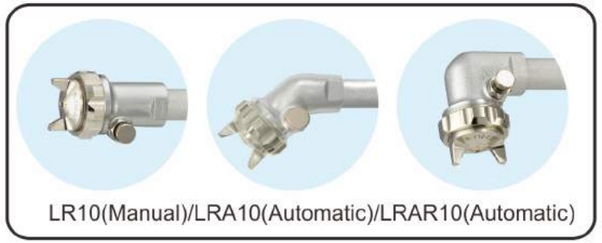

LR10-45°




LR10-90°




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 diatance | Spray width ±20 | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| | ◦ | ømm( in) | | kg/cm² (Mpa) | l/min(cfm) | ml/min | mm(in) | mm(in) | mm(in) | g(lbs) |
| LR10-P08 | 0° 45° 90° (Fixed 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) 300(11.81) 500(19.69) 800(31.50) | 200(7.87) | 190(7.48) | 540-887 (1.19-1.96) |
| LR10-P10 | | 1.0(0.039) | | | 270(9.54) | 200 | | | 220(8.66) | |
| LR10-P13 | | 1.3(0.051) | | | 220(7.77) | 200 | | | 210(8.27) | |
| LR10-P15 | | 1.5(0.059) | | | 220(7.77) | 250 | | | 240(9.45) | |
| LRA10-P08 | 0° 45° 90° (Fixed 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) 300(11.81) 500(19.69) 800(31.50) | 200(7.87) | 190(7.48) | 764-1031 (1.68-2.27) |
| LRA10-P10 | | 1.0(0.039) | | | 270(9.54) | 200 | | | 220(8.66) | |
| LRA10-P13 | | 1.3(0.051) | | | 220(7.77) | 200 | | | 210(8.27) | |
| LRA10-P15 | | 1.5(0.059) | | | 220(7.77) | 250 | | | 240(9.45) | |
| LRAR10-P08 | 0° 45° 90° (Fixed 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) 300(11.81) 500(19.69) 800(31.50) | 200(7.87) | 190(7.48) | 645-910 (1.42-2) |
| LRAR10-P10 | | 1.0(0.039) | | | 270(9.54) | 200 | | | 220(8.66) | |
| LRAR10-P13 | | 1.3(0.051) | | | 220(7.77) | 200 | | | 210(8.27) | |
| LRAR10-P15 | | 1.5(0.059) | | | 220(7.77) | 250 | | | 240(9.45) | |

♦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.

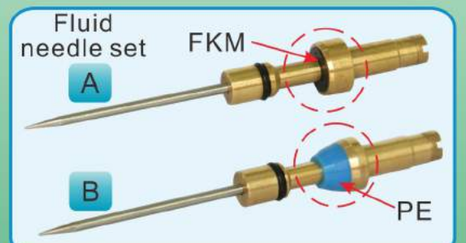





### 90° Long Tube Mold Released Spray Gun

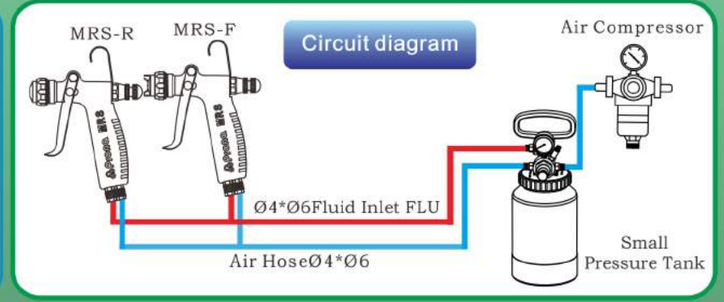

Special length can be ordered

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 neddle 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/cm² (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.

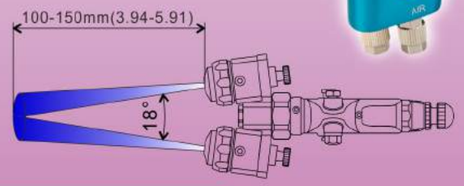
Double-headed Spray Gun
Application NO:ZL 201420622064.0

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.


MRS2-2R




## Functions and Characteristics

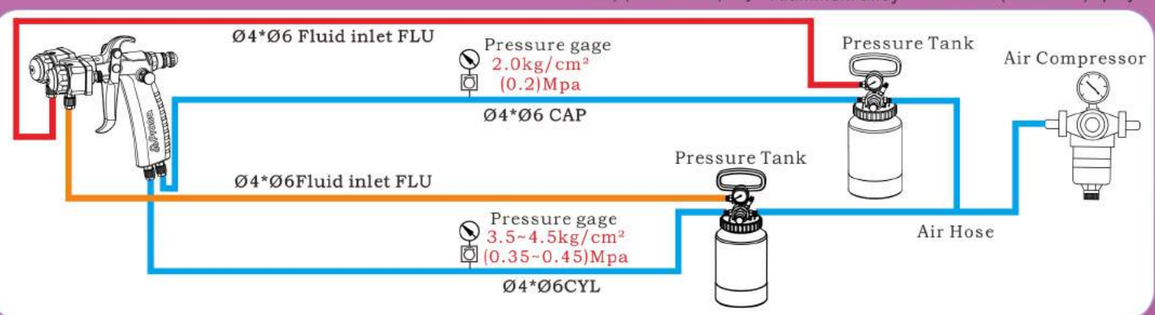
1. Applicable for producing craftwork and decoration; making personalized wheel hub. Also suitable for spraying nano silvent on cellphone or computer, achieve switching from raditional electroplating to nano spray plating.
2. Fluid output can be adjusted individually, ideal for spraying two different color or different component.
3.Fluid passage is made of high quality stainless steel, suitable for spraying corrosive coating.

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/cm² (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

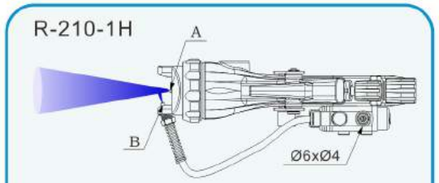

**R-210-1H**
Single mixing type
Pressure

**R-210-2H**
Double mixing type
Pressure

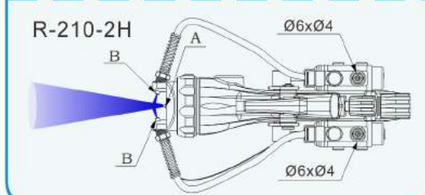
**R-210-1H**
Gravity
With RC-51SR Cup

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

R-210-1H




R-210-2H

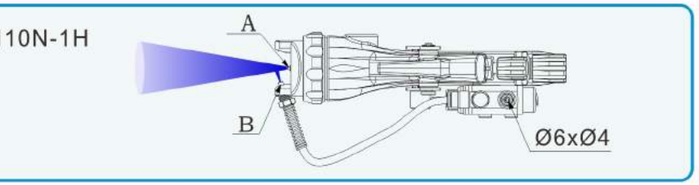



## Functions and Characteristics

- 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/cm² (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-210-1H-G | | 1.0(0.039) | | | | | |
| R-210-1H-S | | 1.2(0.049) | 0.5(0.020) | | | | |
| R-210-2H-P | Gravity | 1.5(0.059) | 0.6(0.024) | | | | R-210-2H:645(1.42) |
| R-210-2H-G | | 1.8(0.071) | 0.8(0.031) | | | | |
| R-210-2H-S | Suction | 2.0(0.078) | 1.0(0.039) | | | | |
| | | 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.


## 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/cm² (Mpa) | l/min(cfm) | ml/min | mm(in) | g(lbs) |
| R-110N-1H-F | Pressure | 0.8(0.031) | 0.4(0.016) 0.5(0.020) 0.6(0.024) | F cap | 2.0-3.0 (0.2-0.29) | 210 (14.48) | 100 | 150(5.9) | 438 (0.97) |
| | | 1.0(0.039) | | | | | 120 | 160(6.3) | |
| | | 1.3(0.051) | | | | | 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) 0.5(0.020) 0.6(0.024) | R cap | 2.0-3.0 (0.2-0.29) | 150 (10.34) | 80 | Round 40-80 (1.57-3.15) | 438 (0.97) |
| | | 1.0(0.039) | | | | | 100 | | |
| | | 1.3(0.051) | | | | | 130 | | |
| | | 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 troditional spray gun,and have large fluid output with MAX (1500ml/min). Therefore it is suitable for industries of ceramic, furniture, construction, shipbuilding ect .
- ♦R-3300This spray gun provide fine atomization, wider spray pattern suitable for automotive industires.
- ♦R-3300Nozzle 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/cm² (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.

RL90-F Spray pattern

RL90-R Spray pattern

**RL-90F**
Gravity
With RC-51M

**RL-90R1**
Gravity
With RC-51M

**RL-90LN**
Gravity
With RC-51M

**RL-90R**
Gravity
With RC-51M

**RL90-F/R1/LN-A**
Gravity
With RC-6DC G1 CUP

## 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.

| Model | Type of feed | Nozzle size | Air cap | Air pressure | Air consumption | Fluid output | Spray width ±10 | Weight |
|---|---|---|---|---|---|---|---|---|
| | | ømm( in) | | kg/cm² (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<br>RL-90-F-A | Gravity | 0.4(0.016) | 04F | 0.9-1.5<br>(0.09-0.15) | 40(1.41) | 8 | 40(1.57) | 280-340<br>(11.02-13.39) |
| | | 0.6(0.024) | 06F | | 70(2.47) | 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<br>RL-90-R1-A | Gravity | 0.4(0.016) | 04R1 | 0.9-1.5<br>(0.09-0.15) | 30(1.06) | 7 | 25(1.97) | 254-314<br>(0.56-12.36) |
| | | 0.6(0.024) | 06R1 | | 50(1.77) | 40 | 35(1.38) | |
| | | 0.8(0.031) | 08R1 | | | 60 | | |
| | | 1.0(0.039) | 10R1 | | | 80 | 40(1.57) | |
| | | 1.2(0.047) | 12R1 | | | 100 | | |
| RL-90R | Gravity | 0.4(0.016) | 04R | 2.0-2.5<br>(0.2-0.24) | 30(1.06) | 15 | 25(1.97) | 329.2<br>(0.74) |
| | | 0.6(0.024) | 06R | | | 35 | 35(1.38) | |
| | | 0.8(0.031) | 08R | | 50(1.77) | 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.





**RL-80F**
Gravity
With RC-51SR CUP

**RL-80R1**
Gravity
With RC-51SR CUP

**RL-80R**
Gravity
With RC-51SR CUP

**R-53/R-53S**
Gravity
With RC-51M

## 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/cm² (Mpa) | l/min(cfm) | ml/min | mm(in) | g(lbs) |
| RL-80F | Gravity | 0.4(0.016) | 04F | 0.9-1.5<br>(0.09-0.15) | 50(1.77) | 8 | 40(1.57) | 267(0.59) |
| | | 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-80R | Gravity | 0.4(0.016) | 04R | 2.0-2.5<br>(0.2-0.24) | 30(1.06) | 15 | 25(1.97) | 255(0.56) |
| | | 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) | 65 | 40(1.57) | |
| RL-80R1 | Gravity | 0.4(0.016) | 04R1 | 0.9-1.5<br>(0.09-0.15) | 30(1.06) | 7 | 25(1.97) | 257(0.57) |
| | | 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) | |
| R-53(S)-G08 | Gravity | 0.8(0.031) | 08/10 HVLP | 1.5-2.0<br>(0.15-0.20) | 110(3.89) | 65 | 140(5.51) | 405.8(0.89) |
| R-53(S)-G10 | | 1.0(0.039) | | | 110(3.89) | 85 | 145(5.71) | |
| R-53(S)-G12 | | 1.2(0.047) | 12/14 HVLP | | 130(4.59) | 110 | 160(6.30) | |
| R-53(S)-G14 | | 1.4(0.055) | | | 130(4.59) | 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/cm² (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/cm² (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/cm² (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/cm² (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.


**R-71**
Suction
With RC-2 Cup
(RC-6DC S2 Cup)


**R-71N**
Suction
With RC-2 Cup
(RC-6DC S2 Cup)


**R-71**
Gravity
With RC-4SR Cup


**R-71N**
Gravity
With RC-4SR Cup

## 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/cm² (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) RN71:423(0.93) |
| R-71(N)-P10 | | 1.0(0.051) | | 230(8.13) | 300 | 265(10.43) | |

♦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.






**R-77**
Suction
With RC-1 Cup
(RC-6DC S1 Cup)


**R-77N**
Suction
With RC-1 Cup
(RC-6DC S1 Cup)


**R-77**
Gravity
With RC-4R Cup


**R-77N**
Gravity
With RC-4R Cup

## 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/cm² (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/cm² (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/cm² (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 fressly 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/cm² (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) | | | 220(7.77) | 200 | 210(8.27) | | Woodwork, furniture and metalwork. |
| 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) | | |
| R-100-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-100-G15 | | 1.5(0.059) | K1 | | 145(5.12) | 200 | 180(7.09) | | Woodwork, furniture and metalwork |
| R-100-G15 | | 1.5(0.059) | H2 | | 225(7.95) | 190 | 190(7.48) | | Automobile, furniture and industry |
| R-100-G18 | | 1.8(0.071) | N2 | | 150(5.3) | 240 | 190(7.48) | | 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) | | |
| R-100-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-100-S15 | | 1.5(0.059) | K1 | | 145(5.12) | 175 | 170(6.69) | | Woodwork, furniture and metalwork |
| R-100-S15 | | 1.5(0.059) | H2 | | 225(7.95) | 170 | 175(6.89) | | Automobile, furniture and industry |
| R-100-S18 | | 1.8(0.071) | N2 | | 150(5.3) | 210 | 170(6.69) | | Woodwork, furniture and metalwork |

♦R-100 Spraying distance: 200mm (7.87n). 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/cm² (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) | | |
| R-101-P13 | | 1.3(0.051) | | | 220(7.77) | 200 | 210(8.27) | | Woodwork, furniture and metalwork. |
| 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) | | |
| R-101-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-101-G15 | | 1.5(0.059) | K1 | | 145(5.12) | 200 | 180(7.09) | | Woodwork, furniture and metalwork |
| R-101-G15 | | 1.5(0.059) | H2 | | 225(7.95) | 190 | 190(7.48) | | Automobile, furniture and industry |
| 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) | | |
| R-101-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-101-S15 | | 1.5(0.059) | K1 | | 145(5.12) | 175 | 170(6.69) | | Woodwork, furniture and metalwork |
| R-101-S15 | | 1.5(0.059) | H2 | | 225(7.95) | 170 | 175(6.89) | | Automobile, furniture and industry |
| R-101-S18 | | 1.8(0.071) | N2 | | 150(5.3) | 210 | 170(6.69) | | 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.

# Universal Spray Gun


R-103 P
Pressure

R-103 G
Gravity
With RC-4SR Cup

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

| Model | Type of feed | Nozzle size | Air cap | Air pressure | Air consumption | Fluid output | Spray width ±20 | Weight | Use |
|---|---|---|---|---|---|---|---|---|---|
| | | ømm( in) | | kg/cm² (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) | | | 220(7.77) | 200 | 210(8.27) | | Woodwork, furniture and metalwork. |
| 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) | | |
| 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) | | |
| 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.



# Universal Spray Gun

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

- ♦ Air pressure can be adjusted fressly 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/cm² (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) | | Middle viscosity painting, metalwork and woodwork |
| 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) | | Middle viscosity painting, metalwork and woodwork |
| 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.




## 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/cm² (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) | | Middle viscosity painting, metalwork and woodwork |
| 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) | | High viscosity painting metalwork and wood |
| 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) | | Middle viscosity painting, metalwork and woodwork |
| 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) | | High viscosity painting metalwork and wood |
| R-203-15R | All 3 tgpes | 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) | | Middle viscosity painting, metalwork and woodwork |
| 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.





R303-N2
Spray pattern




## 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 insider 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/cm² (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) | | |
| R-303-G13 | | 1.3(0.051) | H4 | | 210-250(7.42-8.83) | 200 | 205-220(8.07-8.66) | | Woodwork, furniture and industry |
| 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) | | |
| R-400-G14 | | 1.4(0.055) | LV2 | | 320(11.3) | 215 | 250-275(9.84-10.82) | | |
| 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 |
| R-400-G18 | | 1.8(0.071) | LV2 | | 320(11.3) | 330 | 330-355(12.99-13.38) | | Automobile, furniture and industry |
| R-400-G20 | | 2.0(0.079) | LV2 | | 320(11.3) | 390 | 320-360(12.60-14.37) | | Middle viscosity painting, metalwork and woodwork |
| R-400-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-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) | | |
| R-403-G14 | | 1.4(0.055) | LV2 | | 320(11.3) | 215 | 250-275(9.84-10.82) | | |
| 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 |
| R-403-G18 | | 1.8(0.071) | LV2 | | 320(11.3) | 330 | 330-355(12.99-13.38) | | Automobile, furniture and industry |
| R-403-G20 | | 2.0(0.079) | LV2 | | 320(11.3) | 390 | 320-360(12.60-14.37) | | Middle viscosity painting, metalwork and woodwork |
| R-403-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-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.



## 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/cm² (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) | | | 220(7.77) | 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) | | |
| 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) | | |
| 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.






Air cap is processed by high accuracy turn-milling technology, provide equal and steady atomization.



Extended adjusting knob adoped the special thread design, can be adjusted faster and provide more comfortable hand feeling.



The gun body is designed according to ergonomics, ensure beautiful lines for triggers and provide comfortable holding operation.
Featuring forged aluminium gun body, no internal porosity, easy to clean and maintain.



Trigger is made of anti-corruption and abrasive stainless steel, features a soft- touch rear trigger for comfortable operation.

| Model | Type of feed | Nozzle size | Air cap | Air pressure | Air consumption | Fluid output | Spray width ±20 | Weight | Use |
|---|---|---|---|---|---|---|---|---|---|
| | | ømm( in) | | kg/cm² (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.



## 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/cm² (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) | | |
| R-110N-P13 | | 1.3(0.051) | | | 220(7.77) | 200 | 210(8.27) | | Woodwork, furniture and industry |
| 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) | | |
| R-110N-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-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) | | |
| R-110N-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-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.






Air cap is processed by high accuracy turn-milling technology, provide equal and steady atomization.

Extended adjusting knob adoped the special thread design, can be adjusted faster and provide more comfortable hand feeling.

The gun body is designed according to ergonomics, ensure beautiful lines for triggers and provide comfortable holding operation.
Featuring forged aluminium gun body, no internal porosity, easy to clean and maintain.

Trigger is made of anti-corruption and abrasive stainless steel, features a soft- touch rear trigger for comfortable operation.



| Model | Type of feed | Nozzle size | Air cap | Air pressure | Air consumption | Fluid output | Spray width ±20 | Weight | Use |
|---|---|---|---|---|---|---|---|---|---|
| | | ømm( in) | | kg/cm² (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) | | |
| R-210N-G18 | | 1.8(0.071) | K2 | | 290(10.25) | 290 | 340(13.39) | | Middle viscosity painting, metalwork and woodwork |
| R-210N-G20 | | 2.0(0.079) | R1 | | 260(9.19) | 410 | 280(11.02) | | |
| R-210N-G20 | | 2.0(0.079) | R2 | | 360(12.72) | 410 | 320(12.60) | | High viscosity painting metalwork and woodwork |
| 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) | | |
| R-210N-S18 | | 1.8(0.071) | K2 | | 330(11.66) | 290 | 340(13.39) | | Middle viscosity painting, metalwork and woodwork |
| R-210N-S20 | | 2.0(0.079) | R1 | | 260(9.19) | 350 | 260(10.24) | | |
| R-210N-S20 | | 2.0(0.079) | R2 | | 300(10.6) | 350 | 290(11.42) | | High viscosity painting metalwork and woodwork |
| 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.


R-310 G
Gravity
With RC-6M Cup
(RC-6DC G1 Cup)



R-410 G
Gravity
With RC-6M Cup
(RC-6DC G1 Cup)



R-413 G
Gravity
With RC-6M Cup


R-413 G
Gravity
RC-6DC G1 Cup

| Model | Type of feed | Nozzle size | Air cap | Air pressure | Air consumption | Fluid output | Spray width ±20 | Weight | Use |
|---|---|---|---|---|---|---|---|---|---|
| | | øMM( in) | | kg/cm² (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) | | |
| 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) | | |
| R-410-G14 | | 1.4(0.055) | LV2 | | 320(11.3) | 215 | 250-275(9.84-10.82) | | |
| R-410-G15 | | 1.5(0.059) | LV2 | | 320(11.3) | 270 | 260-280(10.24-11.02) | | Automobile, furniture and industry |
| R-410-G16 | | 1.6(0.063) | LV2 | | 320(11.3) | 275 | 300-340(11.81-13.39) | | Automobile |
| R-410-G18 | | 1.8(0.071) | LV2 | | 320(11.3) | 330 | 330-335(12.99-13.98) | | Automobile, furniture and industry |
| R-410-G20 | | 2.0(0.079) | LV2 | | 360(11.3) | 410 | 320(12.60) | | Middle 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) | | High viscosity painting, metalwork and woodwork. |

♦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/cm² (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) | | |
| R-413-G14 | | 1.4(0.055) | LV2 | | 320(11.3) | 215 | 250-275(9.84-10.82) | | |
| 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/cm² (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.





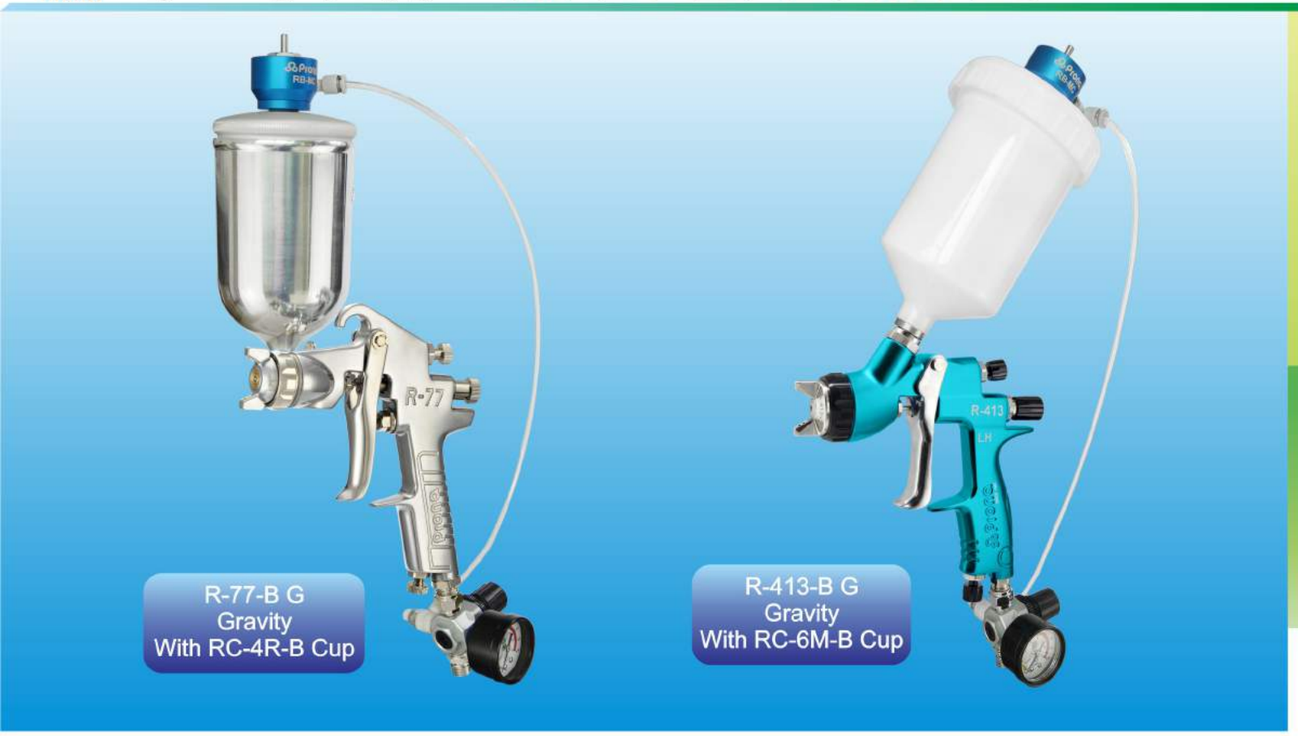


## Functions and Characteristics

- 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 conttinualy 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/cm² (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) | | Automobile, furniture and industry |
| R-410-IP-P16 | | 1.6(0.063) | LV2 | | 320(11.3) | 275 | 300-340(11.81-13.39) | | Automobile |
| R-410-IP-P18 | | 1.8(0.071) | LV2 | | 320(11.3) | 330 | 330-355(12.99-13.98) | | Automobile, furniture and industry |
| R-410-IP-P20 | | 2.0(0.079) | LV2 | | 360(11.3) | 410 | 320(12.60) | | Middle/higth viscosity painting, metalwork and woodwork |
| R-410-IP-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-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) | | Automobile, furniture and industry |
| R-410-DP-P16 | | 1.6(0.063) | LV2 | | 320(11.3) | 275 | 300-340(11.81-13.39) | | Automobile |
| R-410-DP-P18 | | 1.8(0.071) | LV2 | | 320(11.3) | 330 | 330-355(12.99-13.98) | | Automobile, furniture and industry |
| R-410-DP-P20 | | 2.0(0.079) | LV2 | | 360(12.72) | 410 | 320(12.60) | | Middle/higth viscosity painting, metalwork and woodwork |
| R-410-DP-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-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.




## 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/cm² (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 metalic 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/cm²(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.


**R-4303 G**
Gravity
With RC-6M Cup
(RC-6DC G1 Cup)











**R-4303 G**
Gravity
With RC-6M Cup
(RC-6DC G1 Cup)


**R-4600N G**
Gravity
With RC-6M Cup
(RC-6DC G1 Cup)






**R-4600 G**
Gravity
With RC-6M Cup
(RC-6DC G1 Cup)



**R-4630 G**
Gravity
With RC-6M Cup
(RC-6DC G1 Cup)



**R-430 G**
Gravity
With RC-6M Cup
(RC-6DC G1 Cup)

## 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 metalic 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 appied.

| Model | Type of feed | Nozzle size | Air cap | Air pressure | Air consumption | Fluid output | Spray width ±20 | Weight |
|---|---|---|---|---|---|---|---|---|
| | | ømm( in) | | kg/cm² (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/cm² (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) R4600N: 427 (0.94) R4630: 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) | |
| 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 | 230(9.06) | 300(11.81) | |
| R-430-HVLP-12 | | 1.2(0.047) | | | | 147 | 234(9.21) | 305(12.00) | |
| R-430-HVLP-13 | | 1.3(0.051) | | | | 158 | 236(9.29) | 308(12.13) | |
| R-430-HVLP-14 | | 1.4(0.055) | | | | 168 | 238(9.37) | 310(12.20) | |
| R-430-HVLP-15 | | 1.5(0.059) | | | | 177 | 242(9.53) | 315(12.40) | |

- 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 metalic 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/cm² (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 | | 430(15.19) | 150 | | | |
| RL-101-P12 | | 1.2(0.047) | G2 | | 530(18.73) | 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 | | 430(15.19) | 150 | | | |
| RL-100-P12 | | 1.2(0.047) | G2 | | 530(18.73) | 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.



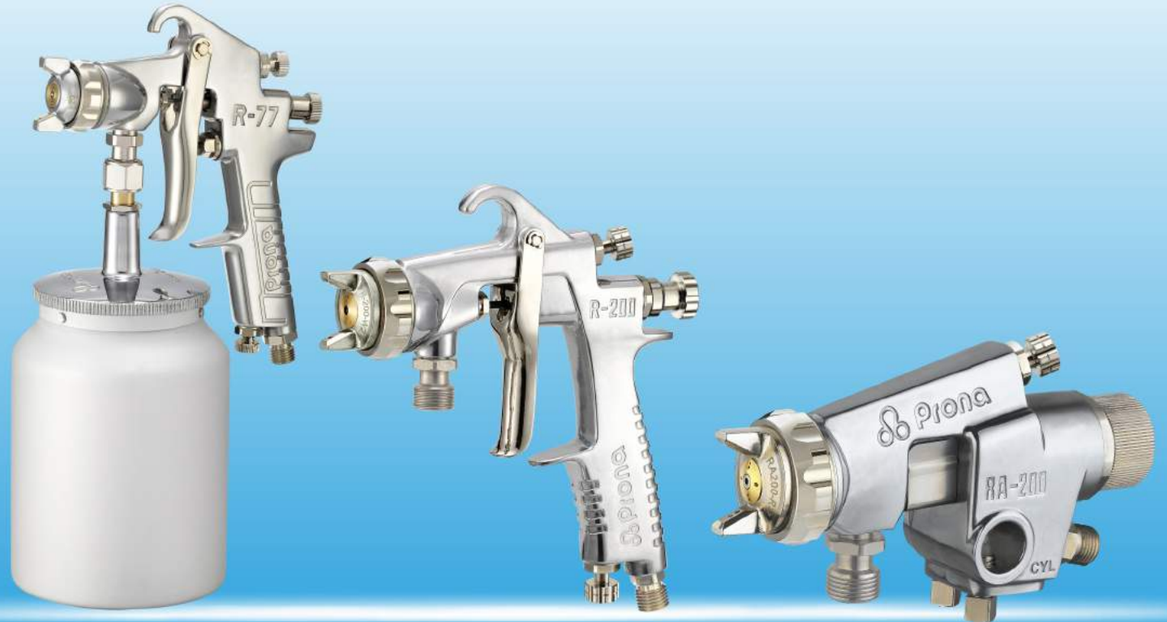



## Functions and Characteristics

- 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 metalic 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/cm² (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 | | 530(18.73) | 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-waear 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/cm² (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

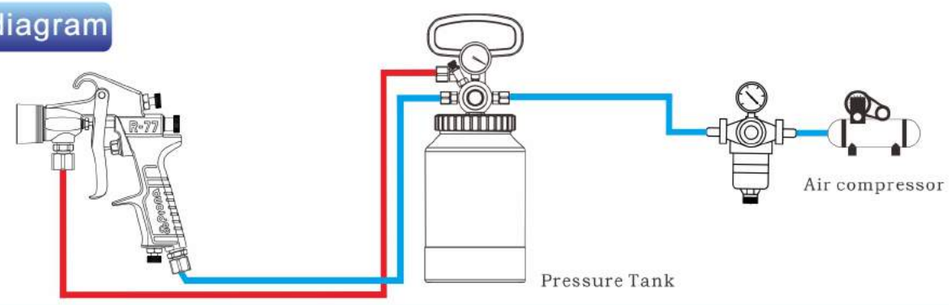
- The water in water multicolor paint spray gun can be used in coating factory for interior and exterior wall painting. Suitable for latex paint, metallic paint, fluorocarbon paint, multicolor paint faux finishing paint and stone paint.

  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/cm² (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 viscosty paint; can be used in shoes industries and furniture decoration etc.
- R-871 is suitable for wall painting( miulti-color paint), superglue and plaseter.

| Model | Type of feed | Nozzle size | Air cap | Air pressure | Air consumption | Fluid output | Spray width ±20 | Weight |
|---|---|---|---|---|---|---|---|---|
| | | ømm( in) | | kg/cm² (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/cm² (Mpa) | l/min(cfm) | mm(in) | | g(lbs) |
| RHS-2A | Pressure | 3.0(0.118) | 3.0-3.5 (0.29-0.34) | 250(17.2) | 80-200 (3.15-7.87) | 600 mL 1.0 L 1.5 L | 615.4 (1.36) |
| | Gravity | 4.0(0.157) | | 300(20.7) | | | |

- 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 thank is 1.5L; Available with 1L, 600ml or without tank.

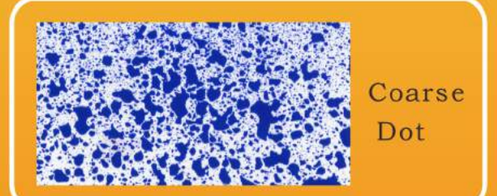





Spattering or Specking


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/cm² (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/cm² (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/cm² (Mpa) | l/min(cfm) | ml/min | mm(in) | g(lbs) |
| RH-80R | Gravity | 0.3(0.012) | 03R | 0.8-2.0 (0.08-0.2) | 10(0.35) | 8 | 5(0.2) | 220(0.49) |
| RH-80F | Gravity | 0.3(0.012) | 03F | | 15(0.53) | 12 | 35(1.38) | 225(0.5) |
| RH-90R | Gravity | 0.3(0.012) | 03R | 0.8-2.0 (0.08-0.2) | 10(0.35) | 8 | 5(0.2) | 329(0.73) |
| RH-90F | Gravity | 0.3(0.012) | 03F | | 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.

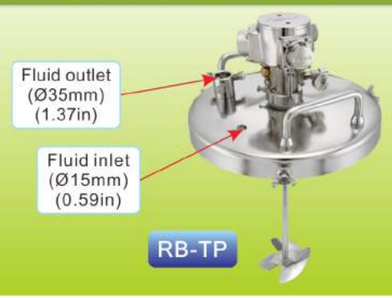
## Air duster gun


## 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.

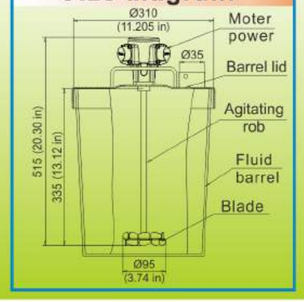
| Model | Air cap | Nozzle size | Air pressure | Air consumption | Weight |
|---|---|---|---|---|---|
| | | ømm(in) | kg/cm² (Mpa) | l/min(cfm) | g(lbs) |
| RG-7-1#(Q) | Short | 2.0(0.08) | 3.5(0.34) | 145(5.12) | 215(0.47) |
| RG-7-4#(Q) | 100/280 mm | | | 320(11.3) | |
| RG-7-J#(Q) | Regulable | | | 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

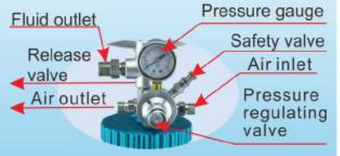

## Pressure Tank

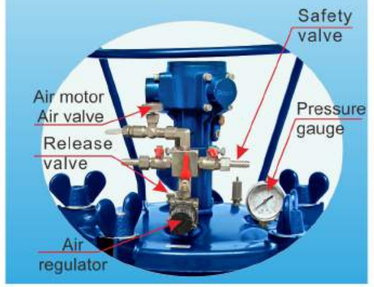






## Functional specification of automotive pressure tank




### Functions and Characteristics
**(Small Amount Spray)**

- The fluid liner bucket of RT-5E is made of SUS stainless steel.
- RC-2E and RT-2E areby integrated moldling of aluminum-alloy with anodixe process on the surface, provide high safety performance.
- It is light weight and portable.
- **Warning: No to operat 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 moldling of pressure resistant steel plate. Its surface received special antirust treatment, provide high safety.Fluid feed can be siphoned form 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

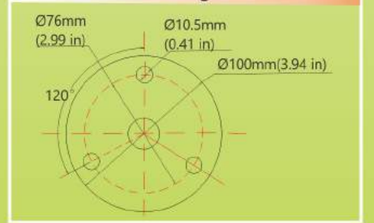
Application NO: 2018 2 0637833. 2

| Use | Operation | Model | Capacity | Pressure | Fluid outlet | Fluid liner bucket size | Net weight |
|---|---|---|---|---|---|---|---|
| | | | L | Mpa(kgf/cm²) | | 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 | | 1/4x2 | 292x365(11.5x14.37) | 26.4(58.2) |
| | | RT-40M | 40 | 0.19(19) | | 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 | | 1/4x2 | 292x365(11.5x14.37) | 27.9(61.5) |
| | | RT-40MS | 40 | 0.19(19) | | 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 | 0.19(19) | | 350x395(13.78x15.55) | 33.3(73.41) |
| | | RT-60MIS | 60 | | | 350x548(13.78x21.57) | 35(77.16) |
| | Automatic | RT-10A | 10 | 0.3(3) | 1/4x1 | 248x185(9.76x7.28) | 16.9(37.26) |
| | | RT-20A | 20 | | 1/4x2 | 292x365(11.5x14.37) | 28(61.73) |
| | | RT-40A | 40 | 0.19(19) | | 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 | | 1/4x2 | 292x365(11.5x14.37) | 29.5(65.04) |
| | | RT-40AS | 40 | 0.19(19) | | 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 | 0.19(19) | | 350x395(13.78x15.55) | 34.7(76.5) |
| | | RT-60AIS | 60 | | | 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 | | 1/4x2 | 292x365(11.5x14.37) | 25.2(55.56) |
| | | RT-40E | 40 | 0.19(19) | | 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 | | 1/4x2 | 292x365(11.5x14.37) | 26.7(55.68) |
| | | RT-40ES | 40 | 0.19(19) | | 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) |


RB-40A RB-50A | RB-CA | RB-FA | RB-MA2 | RB-MA | RB-MA1 | RB-2A RB-4A RB-6A | RB-MN | RB-MN1

### RB-40/50A Flange dimension


### RB-CA/FA Flange dimension



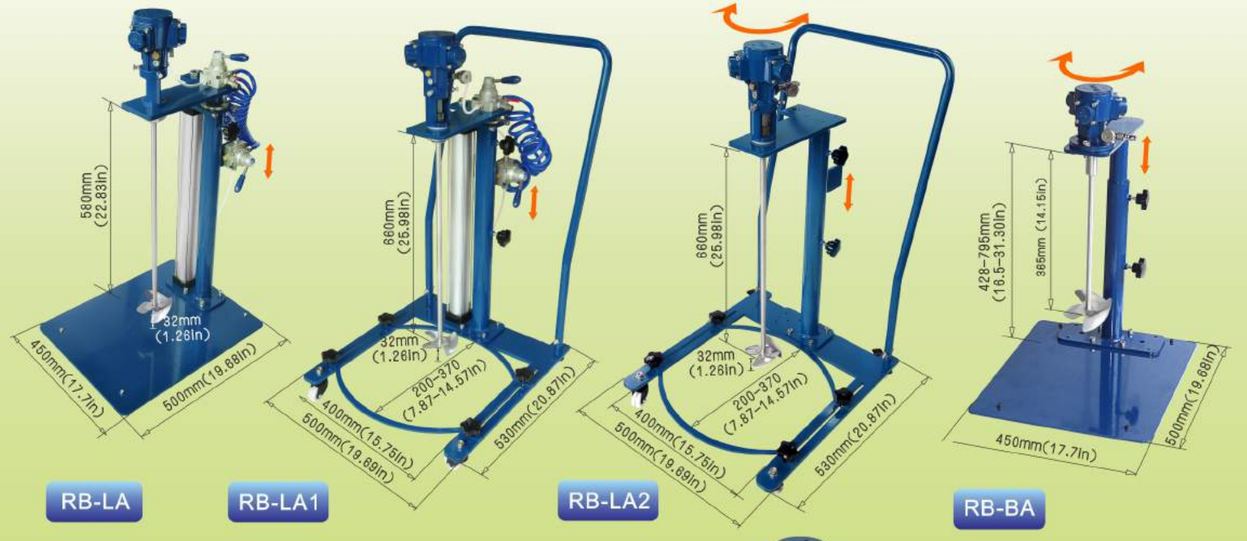

### Mini type agitator


RB-MC

| Model | Name | Air motor | Horse power | | Capacity | Blade size | Agitating rod dimension | Carton box size | Weight |
|---|---|---|---|---|---|---|---|---|---|
| | | | HP | KW | (L) | ømm(in) | mm (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) | 7(15.43) |
| RB-50A | Fixation type agitator | M50 | 1/2 | 0.37 | 200 | 160(6.30) | 15x830(0.59x32.68) | 1140x180x180(44.87x7x7) | 7(15.43) |
| RB-MA2 | Hand hold type agitator | M40 | 2/5 | 0.3 | 200 | 160(6.30) | 15x830(0.59x32.68) | 1140x180x180(44.87x7x7) | 7(15.43) |
| RB-CA | Clamp Type Agitator | M30 | 1/4 | 0.19 | 200 | 160(6.30) | 15x830(0.59x32.68) | 1140x180x180(44.87x7x7) | 6.8(15) |
| RB-FA | Fixation type agitator | M30 | 1/4 | 0.19 | 200 | 160(6.30) | 15x830(0.59x32.68) | 1140x180x180(44.87x7x7) | 4.3(9.48) |
| RB-2A | Pressure Tank Agitator | M30 | 1/4 | 0.19 | 20 | 95(3.74) | 12x436(0.47x17.17) | 1140x180x180(44.87x7x7) | 2.7(5.95) |
| RB-4A | Pressure Tank Agitator | M30 | 1/4 | 0.19 | 40 | 95(3.74) | 12x459(0.47x18.07) | 1140x180x180(44.87x7x7) | 2.74(6.05) |
| RB-6A | Pressure Tank Agitator | M30 | 1/4 | 0.19 | 60 | 95(3.74) | 12x605(0.47x23.82) | 1140x180x180(44.87x7x7) | 2.83(6.24) |
| RB-MA | Hand hold type agitator | M30 | 1/4 | 0.19 | 20 | 95(3.74) | 15x580(0.59x22.83) | 1140x180x180(44.87x7x7) | 3.1(6.83) |
| RB-MA1 | Hand hold type agitator | M10 | 1/16 | 0.12 | 10 | 95(3.74) | 12x350(0.47x13.78) | 480x130x210(18.9x5.12x8.27) | 1.15(2.54) |
| RB-MN | Fixation type agitator | M10 | 1/16 | 0.12 | 10 | 95(3.74) | 12x350(0.47x13.78) | 480x130x210(18.9x5.12x8.27) | 0.75(1.65) |
| RB-MN1 | Fixation type agitator | M10 | 1/16 | 0.12 | 10 | 95(3.74) | 12x350(0.47x13.78) | 480x130x210(18.9x5.12x8.27) | 1.3(2.71) |
| RB-MC | Mini type agitator | - | - | - | 2 | 38(1.5) | Ø5x145(0.2x5.71) | - | 0.085(0.19) |

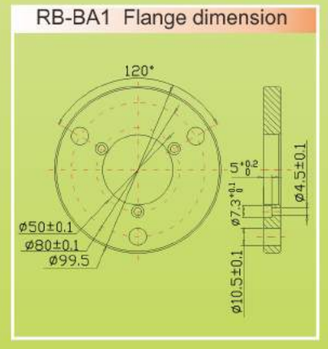




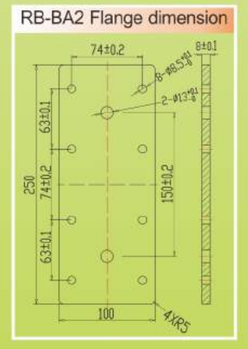



RB-LA | RB-LA1 | RB-LA2 | RB-BA

### RB-BA1 Flange dimension




### RB-BA2 Flange dimension





RB-SA | RB-BA1 | RB-BA2

| Model | Name | Air motor | Horse power | | Capacity | Blade size | Agitating rod dimension | Dimension | Weight |
|---|---|---|---|---|---|---|---|---|---|
| | | | HP | KW | (L) | ømm(in) | mm (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) | 26.08(57.50) |
| RB-LA1 | Movable Type Agitator | M30 | 1/4 | 0.19 | 40 | 95(3.74) | 12x740(0.47x29.13) | 750x430x230(29.53x16.93x9.06) | 25.5(56.27) |
| RB-LA2 | Movable Type Agitator | M30 | 1/4 | 0.19 | 40 | 95(3.74) | 12x740(0.47x29.13) | 750x430x230(29.53x16.93x9.06) | 20.5(45.2) |
| RB-BA | Base type agitator | M30 | 1/4 | 0.19 | 40 | 95(3.74) | 12x350(0.47x13.78) | 540x420x210(21.26x16.54x8.27) | 17(3.47) |
| RB-SA | Four-leg stand type agitator | M30 | 1/4 | 0.19 | 20 | 95(3.74) | 12x350(0.47x13.78) | 385x355x485(15.16x14x19) | 5.5(12.13) |
| RB-BA1 | Fixation type agitator | M30 | 1/4 | 0.19 | 40 | 95(3.74) | 12x350(0.47x13.78) | 480x130x210(18.9x5.12x8.27) | 1.3(2.71) |
| RB-BA2 | Fixation type agitator | M30 | 1/4 | 0.19 | 40 | 95(3.74) | 12x350(0.47x13.78) | 540x420x210(21.26x16.54x8.27) | 8(17.64) |

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 modle: RMB-1B, RMB-1S,RMB-21AS,RMB-40AS12,RMB-40AS.

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

RB-40A/50A、RB-MA2、RB-CA、RB-FA Suitable blade modle: 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

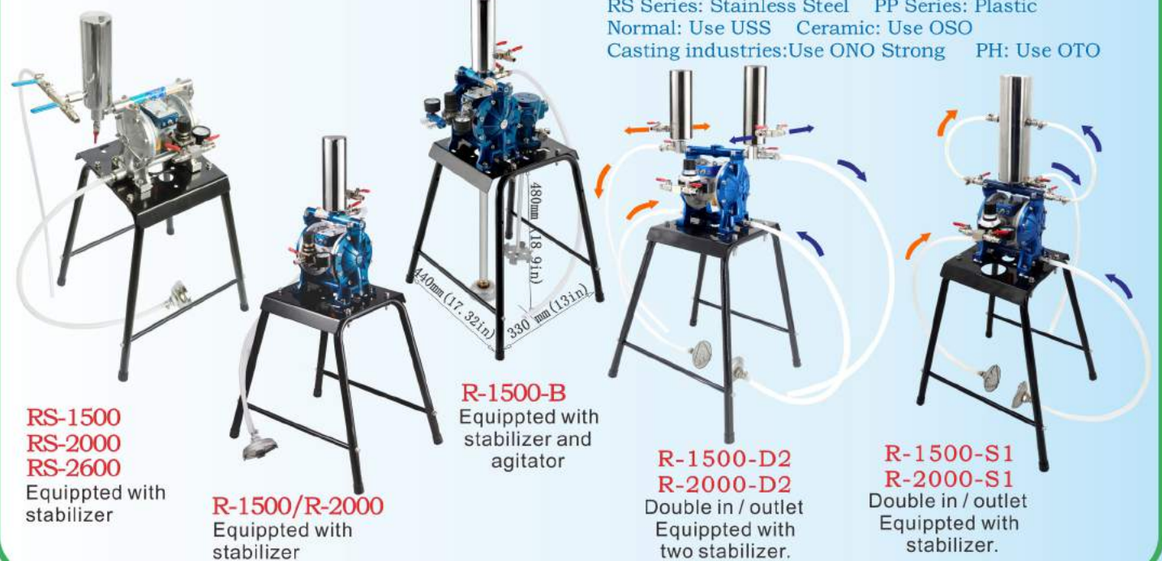
# Air-Powered Double Diaphragm Pumps

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




RS-1500
RS-2000
RS-2600
Equippted with stabilizer

R-1500/R-2000
Equippted with stabilizer

R-1500-B
Equippted with stabilizer and agitator

R-1500-D2
R-2000-D2
Double in / outlet
Equippted with two stabilizer.

R-1500-S1
R-2000-S1
Double in / outlet
Equippted with stabilizer.

## 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 oper-ating pressure — Plamar valve | 1.6 bar | 1.6 bar | 1.6 bar | 1.6 bar |
| Maximum oper-ating pressure — 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-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 oper-ating pressure — Plamar valve | 1.6 bar | 1.6 bar | 1.6 bar | 1.6 bar |
| Maximum oper-ating pressure — 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.lbs) | 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-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) |

Front view of fluid regulator

Double diaphragm


BDP-12

BDP-12-S

Double diaphragm+ fluid agitaor


BDP-12-B

## 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 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 transfering 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 tempera-ture para-meter | Usage air pressure Parameter | Maxinmum usage pressure | Fluid outp-utper fluid cycle | Maximum cycle | Maximum flow | Demanded power of air pressure machine | Weight | Carton box size |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | ℃ | Mpa (bar) | Mpa (bar) | ml/cycle | cycle/min | l/min | kw | kg(lbs) | LxWxH mm(in) |
| BDP-12 | 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 | 7.3 (16.09) | 385X355X485 (15.16X14X19) |
| BDP-12-S | Fluid regulator and pressure storage attached | | | | | | | | | | 7.8 (17.20) | |
| BDP-12-B | Agitator and pressure storage attached | | | | | | | | | | 11.7 (25.8) | |





## Air motor

Air motor
Application NO:ZL 2019 2 1395644. X


M-10 M-20/30 M-40/50

| Model | Power | | Max. pressure | Max. rotation speed | Air consumption | Axes dimension | Weight |
|---|---|---|---|---|---|---|---|
| | HP | KW | kg/cm² (Mpa) | rpm/min | l/min(3.5kg/cm²) | 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.

RPR-5S RPR-5 RPR-10

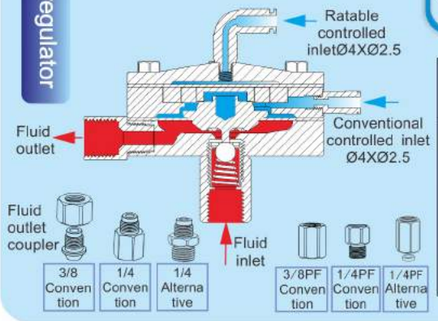
| Model | Pressure adjustment | Intet connect | outlet connect | Weight | Coating passage |
|---|---|---|---|---|---|
| | kg/cm² (Mpa) | | | g(lbs) | |
| RPR-5S | 0.0-0.58(0.0-0.6) | 3/8PF | 1/4PF | 1150(2.54) | Stainless |
| RPR-5 | 0.0-0.58(0.0-0.6) | 3/8PF | 1/4PF | 837(1.85) | Aluminum |
| RPR-10 | 0.0-0.58(0.0-0.6) | 3/8PF | 1/4PF | 1200(2.65) | Aluminum |

## Ratable fluid regulator


RPR-6S

### 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 1:1or 2:1or 4:1
- Coating passage is adopted advanced stainless steel material.
- The fluid pipe coupler to choose from1/4PF 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 | Mano-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/cm² (Mpa) | kg/cm² (Mpa) | | g(lbs) |
| RP-101 | 1/4PT(F) | 1/4PT(F) | 1/8PT(F) | NO (Alternative) | 15(1.5) | 0.-7.0 (0.-0.70) | No fill pressure type | 220(0.49) |
| RP-102 | 1/4PT(F) | 1/4PT(F) | 1/4PT(F) | | | | | 220(0.49) |
| RP-103 | 1/4PT(F) | 1/4PT(F) | 1/8PT(F) | | | | Fill pressure type | 150(0.33) |
| RP-001 | 1/8PT(F) | 1/8PT(F) | 1/8PT(F) | | | | No fill pressure type | 55(0.12) |
| RP-001G | 1/4PF(M) | 1/4PF(F) | 1/8PT(F) | Possess | | | | 125(0.28) |
| RP-002G | 1/4PF(M) | 1/4PF(F) | 1/8PF(F) | | | | | 120(0.26) |
| RP-003G | 1/4PF(M) | 1/4PF(F) | NO | NO | | | | 55(0.12) |
| RP-004G | 1/4PF(M) | 1/4PF(M) | 1/8PF(F) | Possess | | | | 125(0.28) |

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

## Pressure gauge

| PG-01 | PG-02 | PG-03 | PG-04 | PG-05 | PG-06 | PG-07 | PG-08 | PG-09 | PG-10 | PG-11 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1/4P-2¾" 6000psi 400bar | 1/4P-2½" 85psi 6bar | 1/4P-2" 100psi 7kg/cm² | 1/4P-1½" 100psi 7kg/cm² | 1/8P-1½" 180psi 12bar | 1/8P-1½" 100psi 7kg/cm² | 1/8P-1½" 40psi 3kg/cm² | 1/8P-1½" 100psi 7kg/cm² | 1/4P-1½" 100psi 7kg/cm² | 1/8T-1½" 100psi 7kg/cm² | 1/8T-1" 140psi 10bar |

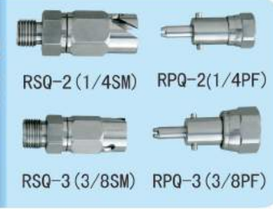
## Fluid pipe coupler


## 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




## 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 | F:Ordinary type | M:Spring type | F:Ordinary type | M:Spring type | M:Tight sleeve spring type |
| A: Tube size | 4X6 / 5X8 / 6.2X9.3 / 6.5X9.5 / 6.5X10 / 7X10 / 8X11 / 8X12 / 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 |

## Quick coupler

O:European
L:American


## Plastic air pipe coupler


## Air coupler






## Fluid coupler

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


**RFC-HR**

| Model | A | B |
|---|---|---|
| 1 | ¼PF(M)X | ¼PF(M) |
| 2 | ¼NPS(M)X | ¼NPS(M) |

**RFC-HT**

| Model | A | B |
|---|---|---|
| 1 | ⅜NPS/PF(F)X | ⅜NPS/PF(M) |
| 2 | ¼NPS/PF(F)X | ¼NPS/PF(M) |
| 3 | ⅜NPS/PF(F)X | ¼NPS/PF(M) |
| 4 | ¼NPS/PF(F)X | ⅜NPS/PF(M) |

**RFC-HI**

| Model | A | B |
|---|---|---|
| 1 | ⅜NPS/PF(M)X | ⅜NPS/PF(M) |
| 2 | ¼NPS/PF(M)X | ¼NPS/PF(M) |
| 3 | ⅜NPS/PF(M)X | ¼NPS/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

**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

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

| 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 |
| PRESSURE | in PSI | 3200 | 3400 | 3625 |
| MINIMUM BURST | in Bar | 880 | 940 | 1000 |
| PRESSURE | in PSI | 12800 | 13600 | 14500 |
| MILLIMETRE | mm | 25 | 40 | 55 |
| METER | m/g | 38 | 73 | 94 |
| COUPLER | | 1/4NPS | 3/8NPS | |

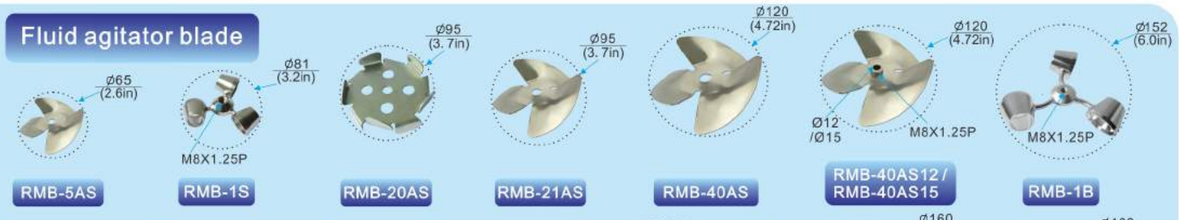

Hose inner core of polyamide, resistant to most of the solvents used in the paint industry, cover made of polyurethane for excellent flex fatigue and abrasion resistance. Manufactured to meet special requirement and specifications, especially recommended for use with all type of air assisted and airless 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.

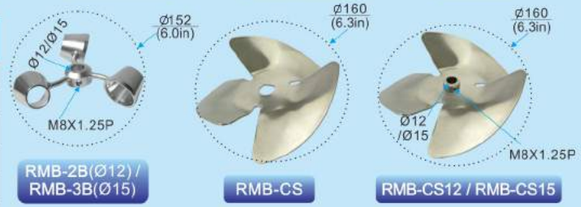
Note

All recommendations and suggestions appearing in this bulletin concerning the use of our products are based upon test and date believed to be reliable. Sine 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.

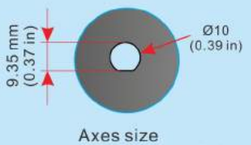
## Fluid agitator blade




| 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.




Axes size
RMB-5AS / RMB-20AS / RMB-21AS / RMB-40AS / RMB-CS

## 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

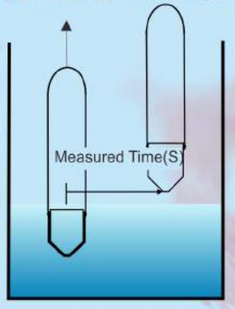
RC-51M 150c.c M8X1.0

## Viscosity cup

RV-4 (Capacity:90 CC)

RV-2 (Capacity:50 CC)

### Measurement method




Viscosity measuring cup measures the time (second) from frst 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) #4 | Ford(S sec) #3 | Zahn(S sec) #4 | Zahn(S sec) #2 | 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 | |
| Middle Viscosity | 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 | |
| High Viscosity | 0.07 | 0.7 | 70 | 21 | 36 | 23 | 36 | | 30 | |
| | 0.08 | 0.8 | 80 | 25 | 41 | 26 | 41 | | 34 | |
| | 0.09 | 0.9 | 90 | 29 | 45 | 29 | 45 | | 37 | |
| | 0.10 | 1.0 | 100 | 31 | 50 | 31 | 50 | 10 | 41 | 10 |
| | 0.12 | 1.2 | 120 | 38 | 58 | 36 | 58 | 11 | 49 | 11 |
| | 0.14 | 1.4 | 140 | 44 | 66 | 41 | 66 | 13 | 53 | 13 |
| | 0.16 | 1.6 | 160 | 49 | 67 | 45 | 67 | 14 | 56 | 14 |
| | 0.18 | 1.8 | 180 | 56 | | 51 | | 16 | 74 | 16 |
| | 0.20 | 2.0 | 200 | 63 | | 56 | | 17 | 82 | 17 |
| | 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 |
| | 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



R-4700AC L4700


R-4700AC H4700

## NOZZLE MODEL AND SPECIFICATION COMPARISON TABLE

| Tip number | Orifice mm(in) | Fluid Output 3.5Mpa 35bar 500psi l/min | Fluid Output 7Mpa 70bar 1000psi l/min | Spray angle and max fan width at gun trget distance of 10"(25cm) from substrate 10°° 9 cm | 18°° 13 cm | 30° 18 cm | 40° 23 cm | 45° 24 cm | 50° 25 cm | 60° 31 cm | 67° 33 cm | 75° 38 cm | 82° 46 cm | 90° 60 cm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | |
| | | | | 10" 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 | 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 (18-16) | 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

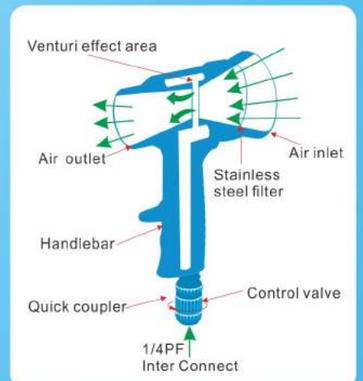

RBP-1

### Model ofdouble diaphragm

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

## Water-based paint blower



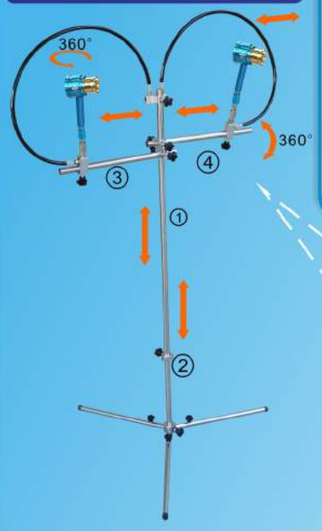



### Functions and characteristics

- 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 inperfection 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 | Maximum pressure | Air consumption | Maximum air flow | The maximum amount of wind | Dry distance | Weight |
|---|---|---|---|---|---|---|---|---|
| | | bar(psi) | bar(psi) | L/min | | L/min | mm(in) | 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




### 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 framwork.
- Both height and width of stand are adjustable.
- The position of blow gun can be adjusted 360 degree.

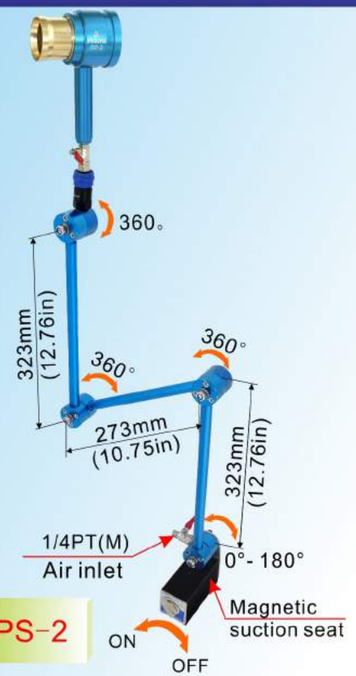
### Technical parameters

- The maximum adjustable height of the bracket is about 200cm.
- Pole①can be extented about 100cm long.
- Pole②can be extented about 90 cm long.
- Total adjustable width is about 80cm.
- Adjustable width of the pole③and④are 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








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 compred with conventional model.)
- Has the advantage of easy cleaning, lower cost and reduce maintainence 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) |