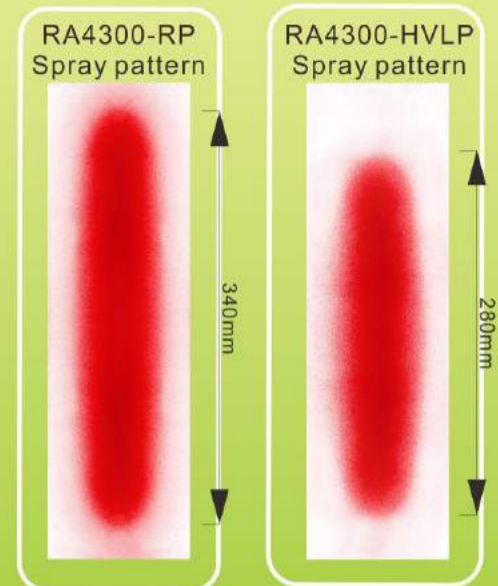




RA-4300-(W)



RA-430-(W)



## Functions and Characteristics

- ◆ RA-4300 gun body made of high strength forging aluminum, internal surface without porosity. Surface of gun body is sand blasting anodic treated, non-slip and wear-resisting, easy to clean.
- ◆ RA-4300 nozzle and needle are made of stainless steel with high resistance to abrasion and corrosion.
- ◆ RA-4300 have two type: HVLP and RP. Air passage designed with multi-hole distributor make steady air flow and small rebound avoid of disorder situation.
- ◆ Turn-milling made air cap, with high concentricity, equal and steady atomization, suitable for mass painting like leather industry, furniture and hardware industry.

| Model                  | Type of Feed | Fluid Nozzle Orifice | Air Cap | Air Pressure             | Air Consumption | Fluid Output | Pattern Width        | Weight     |
|------------------------|--------------|----------------------|---------|--------------------------|-----------------|--------------|----------------------|------------|
|                        |              | ømm (in)             |         | kg/cm <sup>2</sup> (Mpa) | l/min           | ml/min       | mm(in)               | g(lbs)     |
| RA4300(RC)-RP-P11(W)   | Pressure     | 1.1(0.043)           | RP      | 2.0-2.5 (0.2-0.24)       | 360             | 388          | 330-340 (13-13.39)   | 550 (1.21) |
| RA4300(RC)-RP-P12(W)   |              | 1.2(0.047)           | RP      |                          | 360             | 395          |                      |            |
| RA4300(RC)-RP-P13(W)   |              | 1.3(0.051)           | RP      |                          | 360             | 402          |                      |            |
| RA4300(RC)-RP-P14(W)   |              | 1.4(0.055)           | RP      |                          | 360             | 410          |                      |            |
| RA4300(RC)-RP-P15(W)   |              | 1.5(0.059)           | RP      |                          | 360             | 420          |                      |            |
| RA4300(RC)-HVLP-P11(W) | Pressure     | 1.1(0.043)           | HVLP    | 2.0(0.2)                 | 450             | 278          | 280-290 (11.02-11.4) | 550 (1.21) |
| RA4300(RC)-HVLP-P12(W) |              | 1.2(0.047)           | HVLP    |                          | 450             | 285          |                      |            |
| RA4300(RC)-HVLP-P13(W) |              | 1.3(0.051)           | HVLP    |                          | 450             | 393          |                      |            |
| RA4300(RC)-HVLP-P14(W) |              | 1.4(0.055)           | HVLP    |                          | 450             | 300          |                      |            |
| RA4300(RC)-HVLP-P15(W) |              | 1.5(0.059)           | HVLP    |                          | 450             | 320          |                      |            |
| RA430(RC)-HVLP-P11(W)  | Pressure     | 0.8(0.031)           | HVLP    | 2.0-3.0 (0.2-0.29)       | 430             | 340          | 330(13)              | 550 (1.21) |
| RA430(RC)-HVLP-P12(W)  |              | 1.0(0.039)           | HVLP    |                          | 430             | 345          | 330(13)              |            |
| RA430(RC)-HVLP-P13(W)  |              | 1.2(0.047)           | HVLP    |                          | 430             | 355          | 340(13.39)           |            |
| RA430(RC)-HVLP-P14(W)  |              | 1.4(0.055)           | HVLP    |                          | 430             | 365          | 340(13.39)           |            |

◆RA-4300-RP Spray Distance:250mm(9.84in), Fluid Viscosity:20±1 seconds /RV-2. Coating pressure:0.8kg/cm<sup>2</sup>. Fluid Intake:3/8 PF/NPF,Air and CYL Intake:1/4 PF/NPF.

◆RA-4300-HVLP Spray Distance:200(7.87in)mm. Fluid Viscosity:20±1 seconds/RV-2. Coating Pressure:0.4~0.6 kg/cm<sup>2</sup>. Fluid Intake:3/8 PF/NPF,Air and CYL Intake:1/4 PF/NPF.

◆RA-430-HVLP Spray Distance:200(7.87in)mm. Fluid Viscosity:20±1 seconds/RV-2. Coating Pressure:0.4~0.6 kg/cm<sup>2</sup>. Fluid Intake:3/8 PF/NPF,Air and CYL Intake:1/4 PF/NPF.

◆For the detailed sizes of gun-body, please flip to page 18.



RAL-103- (W)



RAL-203- (W)



RAL-200

## Functions and Characteristics

- ◆ Nozzle and needle are made of stainless steel with high resistance to abrasion and corrosion ; Processing by high accurate machine, with excellent seal.
- ◆ The spray pathway is made of stainless steel with high resistance to abrasion and corrosion.
- ◆ Air cap processed and formed by high accurate machine, so it have steady atomization ; The pressure in the air cap is below 0.7 bar, reduce coating rebound, coating savings.
- ◆ Apply to spraying robot, automatic spray machine and producing line spray.

| Model                    | Type of Feed | Fluid Nozzle Orifice | Air Cap | Air Pressure             | Air Consumption | Fluid Output | Pattern Width | Weight     |
|--------------------------|--------------|----------------------|---------|--------------------------|-----------------|--------------|---------------|------------|
|                          |              | ømm (in)             |         | kg/cm <sup>2</sup> (Mpa) | l/min           | 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             | 140          | 200(7.87)     | 465 (1.03) |
| RAL-100(103)(101)-P10(W) |              | 1.0(0.039)           | E1      |                          | 430             | 150          | 200(7.87)     |            |
| RAL-100(103)(101)-P12(W) |              | 1.2(0.047)           | G2      |                          | 530             | 350          | 270(10.62)    |            |
| RAL-200(203)-P08(W)      | Pressure     | 0.8(0.031)           | G2      | 2.0-3.0 (0.2-0.29)       | 530             | 400          | 300(10.81)    | 540 (1.19) |
| RAL-200(203)-P10(W)      |              | 1.0(0.039)           | G2      |                          | 500             | 400          | 300(10.81)    |            |
| RAL-200(203)-P12(W)      |              | 1.2(0.047)           | G2      |                          | 500             | 500          | 300(10.81)    |            |

- ◆ RAL-100(103) (101) Spray Distance:200mm(7.87in), Fluid Viscosity:20±1 seconds/RV-2. Coating pressure: 0.8kg/cm<sup>2</sup>. Fluid, Air and CYL Intake:1/4 PF/NPF.
- ◆ RAL-200(203) Spray Distance:250mm(9.84in). Fluid Viscosity:20±1 seconds/RV-2. Coating Pressure:0.8kg/cm<sup>2</sup>. Fluid Intake:3/8 PF/NPF,Air and CYL Intake:1/4 PF/NPF.
- ◆ For the detailed sizes of spray gun, please flip to page 18.

## Coating Precision Adjusting Device Application NO:201420622306.6



Precise Type



1.Comfortable no-step adjustment

2.Whole set of parts can be used in other automatic spray gun.

3.Adjust the spraying coating accurately and display the adjusted quantity.