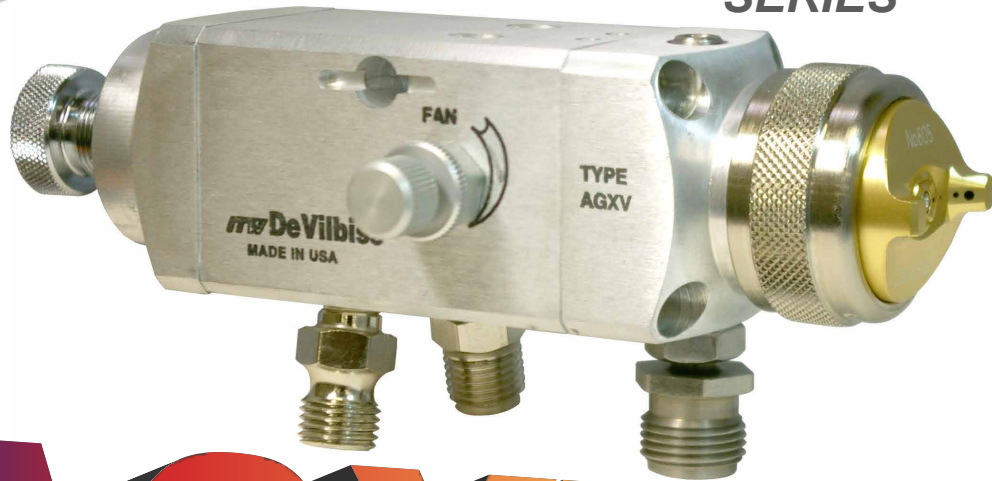


DEVILBISS®

LVMP
HIGH TRANSFER
EFFICIENCY GUN
SERIES



AGXV AUTOMATIC GUN

- Save more than 15~20% paint.
- Decrease air consumption.

| GUN TYPE | Gun Inlet Pressure(MPa) | Air Cap Pressure(MPa) | Air Consumption (l/min) |
|--------------------------------------|-------------------------|-----------------------|-------------------------|
| AGXV-541-805-DFX LVMP GUN | 0.25 | 0.20 | 280 |
| AGXV-541-46-MP-FX HVLP GUN | 0.45 | 0.09 | 750 |
| AGX-550-777-FX Standard GUN | 0.40 | 0.35 | 500 |

- Calculation for the merit of low air consumption.
LVMP = $0.28 \times 60 \times 5 \times 200 = 16,800\text{m}^3 \times \text{JP}\yen3 = \yen50,400/\text{year}$
HVLP = $0.75 \times 60 \times 5 \times 200 = 45,000\text{m}^3 \times \text{JP}\yen3 = \yen135,000/\text{year}$
Air Gun = $0.50 \times 60 \times 5 \times 200 = 30,000\text{m}^3 \times \text{JP}\yen3 = \yen90,000/\text{year}$

*Assuming the operating hours as 5hrs/day x 200days.
 *Air 1m³=¥3

Low Volume Medium Pressure
 HIGH TRANSFER EFFICIENCY
 LOW AIR CONSUMPTION
 FINE ATOMIZATION

- Comparing the existing Air Spray Gun or HVLP gun, LVMP gun makes higher transfer efficiency and better atomization possible with less air consumption.

CARLISLE
FLUID TECHNOLOGIES

The difference of the transfer efficiency between standard spray gun and HVLP gun is the air velocity. The both air velocities are in the same speed area when an instant of coming out from the air cap. However, when it becomes the distance of approximately 200mm, it generates large difference.

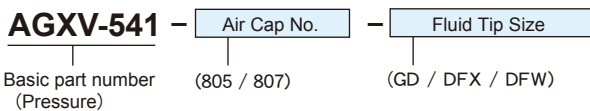
Why does LVMP have better transfer efficiency?

Therefore, if the velocity is low at 200mm distance, the transfer efficiency becomes better even atomized with higher air pressure than HVLP.

| Gun Types | Gun Inlet Pressure MPa | Air Cap Pressure MPa | Air Consumption ℓ/min | Air Velocity m/sec | Transfer Efficiency % |
|-------------------------------|------------------------|----------------------|-----------------------|--------------------|-----------------------|
| AGXV-541-5805-DFX (LVMP Gun) | 0.25 | 0.20 | 280 | 16 | 74 |
| AGXV-541-46-FX (HVLP Gun) | 0.45 | 0.09 | 750 | 19 | 55 |
| AGX-550-777-FX (Standard Gun) | 0.40 | 0.35 | 500 | 22 | 44 |

MODELS

● For your ordering reference:



ACCESSORIES

- **HD-505** : Quick Cleaner (5ℓ)
- **SSL-10** : Gun Lube (60mℓ)
- **42884-214-K5** : Cleaning Brush Kit of 5
- **GC-100-K48** : Gun Cover Kit of 48
- **SD-404-J** : Adapter (G3/8(f) x G1/4(m))
- **AGA-415** : Universal Clamp(19Φ)
- **KK-4955J** : Adapter for Pattern Control
- **KK-5033-805** : Air Cap Test Kit
- **KK-5033-807** : Air Cap Test Kit

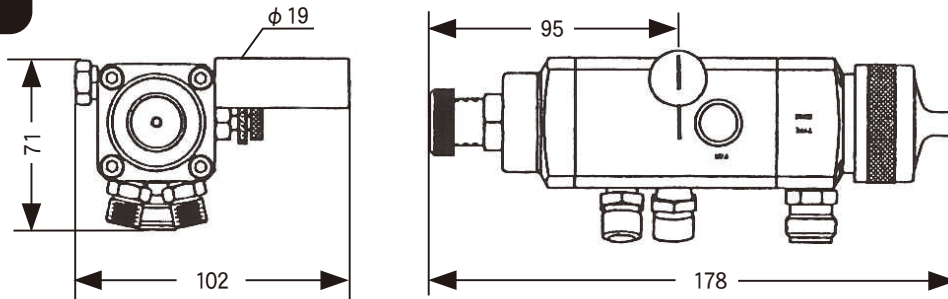
Air Cap, Fluid Tip Selection

| Fluid Tip Size | Air Cap No. | |
|---|-------------|--------|
| | 805 | 807 |
| GD (0.7 mm) | ○ | ○ |
| DFX (1.1 mm) | ○ | ○ |
| DFW (1.6 mm) | ○ | ○ |
| Spray Pattern (Spray Distance=200mm) | 220 mm | 300 mm |

SPECIFICATIONS

- Atomization Air Pressure (Gun Inlet) : 0.4 MPa (4.0kgf/cm²)
- Fluid Pressure : 0.7 MPa (7.0kgf/cm²)
- Working Pressure : 0.35~0.7 MPa (3.5~7.0kgf/cm²)
- Weight : 740 g
- Fluid Inlet : G3/8(Standard), G1/4(Option)
- Cylinder Air Inlet(CYL) : G1/4
- Atomization Air Inlet(CAP) : G1/4
- Measurement : L178×W45×H45

SIZE



※ 外観および仕様は、改良のため予告なく変更することがありますのでご了承ください。

DEVILBISS

CFT Ransburg Japan KK

15-5, Fukuura 1-chome, Kanazawa-ku, Yokohama, Kanagawa Japan 〒236-0004
TEL : +81-45-785-6434 / FAX : +81-45-785-6517

HP <http://www.carlisleleft.co.jp>

©DeVILBISS is a registered trademark of Carlisle Fluid Technologies.

For more information, please contact: