

AirPro Spray Gun



HVLP



COMPLIANT



CONVENTIONAL

| | | | |
|---------------------|------|--------|--------|
| FINISH QUALITY | Good | Better | Best |
| TRANSFER EFFICIENCY | High | High | Medium |
| FLUID FLOW | Low | Medium | High |
| AIR FLOW | High | Low | Low |

Ordering Information

How To Order:

- 1 Determine feed (pressure, gravity or siphon)
- 2 If pressure feed, identify application type
- 3 Select spray type (conventional, HVLP or compliant)
- 4 Select material viscosity
- 5 Select average flow rate

| MATERIAL VISCOSITY | VISCOSITY (centipoise) |
|--------------------|------------------------|
| Light | 5-15 |
| Light-Medium | 15-30 |
| Medium | 30-70 |
| Medium-Heavy | 70-100 |
| Heavy | >100 |

PRESSURE FEED
General Metal Spray Guns



| Part Number | Spray Type | Nozzle in. (mm) | Material Viscosity | Flow oz/min (l/min) | Aircap Kit | Needle/Nozzle Kit |
|-------------|--------------|-----------------|--------------------|---------------------|------------|-------------------|
| 288726 | Conventional | 0.020 (0.5) | light | 4-8 (0.12-0.24) | 289773 | 289458 |
| 288929 | Conventional | 0.030 (0.8) | light | 4-12 (0.12-0.35) | 289773 | 289459 |
| 288930 | Conventional | 0.042 (1.1) | light-medium | 8-20 (0.24-0.59) | 289773 | 289460 |
| 288931 | Conventional | 0.055 (1.4) | medium | 16-30 (0.47-0.89) | 289773 | 289462 |
| 288932 | Conventional | 0.070 (1.8) | medium-heavy | 16-35 (0.47-1.04) | 289784 | 289464 |
| 288933 | Conventional | 0.086 (2.2) | medium-heavy | 16-40 (0.47-1.18) | 289068 | 289466 |
| 288934 | Conventional | 0.110 (2.8) | heavy | 16-45 (0.47-1.33) | 289069 | 289467 |
| 288935 | HVLP | 0.020 (0.5) | light | 4-8 (0.12-0.24) | 289041 | 289458 |
| 288936 | HVLP | 0.030 (0.8) | light | 4-10 (0.12-0.30) | 289041 | 289459 |
| 288937 | HVLP | 0.042 (1.1) | light-medium | 6-12 (0.18-0.35) | 289041 | 289460 |
| 288938 | HVLP | 0.055 (1.4) | medium | 12-18 (0.36-0.53) | 289041 | 289462 |
| 288939 | HVLP | 0.070 (1.8) | medium-heavy | 16-20 (0.47-0.59) | 289041 | 289464 |
| 288940 | HVLP | 0.086 (2.2) | medium-heavy | 18-22 (0.53-0.65) | 289070 | 289466 |
| 288941 | HVLP | 0.110 (2.8) | heavy | 20-24 (0.59-0.71) | 289043 | 289467 |
| 288942 | Compliant | 0.020 (0.5) | light | 4-8 (0.12-0.24) | 289042 | 289458 |
| 288943 | Compliant | 0.030 (0.8) | light | 4-10 (0.12-0.30) | 289042 | 289459 |
| 288944 | Compliant | 0.042 (1.1) | light-medium | 6-12 (0.18-0.35) | 289042 | 289460 |
| 288945 | Compliant | 0.055 (1.4) | medium | 12-18 (0.36-0.53) | 289042 | 289462 |
| 288946 | Compliant | 0.070 (1.8) | medium-heavy | 16-20 (0.47-0.59) | 289042 | 289464 |
| 288947 | Compliant | 0.086 (2.2) | medium-heavy | 18-22 (0.53-0.65) | 289044 | 289466 |
| 288948 | Compliant | 0.110 (2.8) | heavy | 20-24 (0.59-0.71) | 289045 | 289467 |

General Metal with Stainless Steel Tip

| Part Number | Spray Type | Nozzle in. (mm) | Material Viscosity | Flow oz/min (l/min) | Aircap Kit | Needle/Nozzle Kit |
|-------------|--------------|-----------------|--------------------|---------------------|------------|-------------------|
| 288949 | Conventional | 0.042 (1.1) | light-medium | 8-20 (0.24-0.59) | 289773 | 289461 |
| 288950 | Conventional | 0.055 (1.4) | medium | 16-30 (0.47-0.89) | 289773 | 289463 |
| 288951 | Conventional | 0.070 (1.8) | medium-heavy | 16-35 (0.47-1.04) | 289784 | 289465 |
| 288952 | HVLP | 0.042 (1.1) | light-medium | 8-14 (0.24-0.41) | 289041 | 289461 |
| 288953 | HVLP | 0.055 (1.4) | medium | 12-16 (0.36-0.53) | 289041 | 289463 |
| 288954 | HVLP | 0.070 (1.8) | medium-heavy | 16-20 (0.47-0.59) | 289041 | 289465 |
| 288955 | Compliant | 0.042 (1.1) | light-medium | 8-14 (0.24-0.41) | 289042 | 289461 |
| 288956 | Compliant | 0.055 (1.4) | medium | 12-18 (0.36-0.53) | 289042 | 289463 |
| 288957 | Compliant | 0.070 (1.8) | medium-heavy | 16-20 (0.47-0.59) | 289042 | 289465 |

Automotive Applications

| Part Number | Spray Type | Nozzle in. (mm) | Material Viscosity | Flow oz/min (l/min) | Aircap Kit | Needle/Nozzle Kit |
|-------------|--------------|-----------------|--------------------|---------------------|------------|-------------------|
| 288929 | Conventional | 0.030 (0.8) | light | 4-12 (0.12-0.35) | 289773 | 289459 |
| 288930 | Conventional | 0.042 (1.1) | light-medium | 8-20 (0.24-0.59) | 289773 | 289460 |
| 288931 | Conventional | 0.055 (1.4) | medium | 16-30 (0.47-0.89) | 289773 | 289462 |
| 289034 | HVLP | 0.040 (1.0) | light | 6-12 (0.18-0.35) | 289771 | 289468 |
| 289035 | HVLP | 0.047 (1.2) | light-medium | 10-14 (0.30-0.41) | 289771 | 289469 |
| 289541 | HVLP | 0.055 (1.4) | medium | 12-18 (0.36-0.53) | 289771 | 289495 |
| 289036 | Compliant | 0.040 (1.0) | light | 6-12 (0.18-0.35) | 289772 | 289470 |
| 289037 | Compliant | 0.047 (1.2) | light-medium | 10-14 (0.30-0.41) | 289772 | 289471 |
| 289542 | Compliant | 0.055 (1.4) | medium | 12-18 (0.36-0.53) | 289772 | 289497 |



PRESSURE FEED
Wood Applications

| Part Number | Spray Type | Nozzle in. (mm) | Material Viscosity | Flow oz/min (l/min) | Aircap Kit | Needle/Nozzle Kit |
|-------------|--------------|-----------------|--------------------|---------------------|------------|-------------------|
| 288958 | Conventional | 0.020 (0.5) | light | 4-8 (0.12-0.24) | 288862 | 289472 |
| 288959 | Conventional | 0.030 (0.8) | light | 4-12 (0.12-0.35) | 288862 | 289473 |
| 289109 | Conventional | 0.040 (1.0) | light | 8-20 (0.24-0.59) | 288862 | 289474 |
| 288960 | HVLP | 0.020 (0.5) | light | 4-8 (0.12-0.24) | 288864 | 289472 |
| 288961 | HVLP | 0.030 (0.8) | light | 4-10 (0.12-0.30) | 288864 | 289473 |
| 289110 | HVLP | 0.040 (1.0) | light | 6-12 (0.18-0.35) | 288864 | 289474 |
| 288962 | Compliant | 0.020 (0.5) | light | 4-8 (0.12-0.24) | 288863 | 289472 |
| 288963 | Compliant | 0.030 (0.8) | light | 4-10 (0.12-0.30) | 288863 | 289473 |
| 289111 | Compliant | 0.040 (1.0) | light | 6-12 (0.18-0.35) | 288863 | 289474 |

High Wear Applications

| Part Number | Spray Type | Nozzle in. (mm) | Material Viscosity | Flow oz/min (l/min) | Aircap Kit | Needle/Nozzle Kit |
|-------------|--------------|-----------------|--------------------|---------------------|------------|-------------------|
| 288973 | Conventional | 0.059 (1.5) | medium | 16-35 (0.47-0.95) | 288861 | 289478 |
| 288974 | Conventional | 0.070 (1.8) | medium-heavy | 16-35 (0.47-1.04) | 289049 | 289479 |
| 288975 | Conventional | 0.086 (2.2) | medium-heavy | 16-40 (0.47-1.18) | 289049 | 289480 |
| 289982 | Conventional | 0.110 (2.8) | heavy | 16-45 (0.47-1.33) | 289049 | 289980 |
| 288976 | HVLP | 0.059 (1.5) | medium | 14-18 (0.41-0.53) | 289115 | 289481 |
| 288977 | HVLP | 0.070 (1.8) | medium-heavy | 16-20 (0.47-0.59) | 289325 | 289482 |
| 288978 | HVLP | 0.086 (2.2) | medium-heavy | 18-22 (0.53-0.65) | 289325 | 289483 |
| 289983 | HVLP | 0.110 (2.8) | heavy | 20-24 (0.59-0.71) | 289325 | 289981 |
| 288979 | Compliant | 0.059 (1.5) | medium | 14-18 (0.41-0.53) | 289050 | 289481 |
| 288980 | Compliant | 0.070 (1.8) | medium-heavy | 16-20 (0.47-0.59) | 289327 | 289482 |
| 288981 | Compliant | 0.086 (2.2) | medium-heavy | 18-22 (0.53-0.65) | 289327 | 289483 |
| 289984 | Compliant | 0.110 (2.8) | heavy | 20-24 (0.59-0.71) | 289327 | 289981 |

Waterborne Applications

| Part Number | Spray Type | Nozzle in. (mm) | Material Viscosity | Flow oz/min (l/min) | Aircap Kit | Needle/Nozzle Kit |
|-------------|--------------|-----------------|--------------------|---------------------|------------|-------------------|
| 288964 | Conventional | 0.030 (0.8) | light | 4-12 (0.12-0.35) | 289046 | 289475 |
| 288965 | Conventional | 0.042 (1.1) | light-medium | 8-20 (0.24-0.59) | 289046 | 289476 |
| 288966 | Conventional | 0.055 (1.4) | medium | 16-30 (0.47-0.89) | 289046 | 289477 |
| 288967 | HVLP | 0.030 (0.8) | light | 4-10 (0.12-0.30) | 289047 | 289475 |
| 288968 | HVLP | 0.042 (1.1) | light-medium | 8-14 (0.24-0.41) | 289047 | 289476 |
| 288969 | HVLP | 0.055 (1.4) | medium | 12-18 (0.36-0.53) | 289047 | 289477 |
| 288970 | Compliant | 0.030 (0.8) | light | 4-10 (0.12-0.30) | 289048 | 289475 |
| 288971 | Compliant | 0.042 (1.1) | light-medium | 8-14 (0.24-0.41) | 289048 | 289476 |
| 288972 | Compliant | 0.055 (1.4) | medium | 12-18 (0.36-0.53) | 289048 | 289477 |

Adhesive Applications

| Part Number | Spray Type | Nozzle in. (mm) | Material Viscosity | Flow oz/min (l/min) | Aircap Kit | Needle/Nozzle Kit |
|-------------|--------------|-----------------|--------------------|---------------------|------------|-------------------|
| 288982 | Conventional | 0.051 (1.3) | medium | 14-25 (0.41-0.74) | 289051 | 289484 |
| 288983 | Conventional | 0.070 (1.8) | medium-heavy | 16-35 (0.47-1.04) | 289051 | 289485 |

Spatter Applications

| Part Number | Spray Type | Nozzle in. (mm) | Material Viscosity | Flow oz/min (l/min) | Aircap Kit | Needle/Nozzle Kit |
|-------------|------------|-----------------|--------------------|---------------------|------------|-------------------|
| 288985 | HVLP | 0.042 (1.1) | light-medium | 8-14 (0.24-0.41) | 289053 | 289460 |



GRAVITY FEED
Without Cup



| Part Number | Spray Type | Nozzle in. (mm) | Material Viscosity | Flow oz/min (l/min) | Aircap Kit | Needle/Nozzle Kit |
|-------------|--------------|-----------------|--------------------|---------------------|------------|-------------------|
| 289002 | Conventional | 0.055 (1.4) | light-medium | 4-10 (0.12-0.30) | 289773 | 289493 |
| 289003 | Conventional | 0.070 (1.8) | light-medium | 8-12 (0.24-0.36) | 289773 | 289494 |
| 289005 | HVLP | 0.055 (1.4) | light-medium | 3-5 (0.09-0.15) | 289771 | 289495 |
| 289006 | HVLP | 0.070 (1.8) | light-medium | 4-6 (0.12-0.18) | 289771 | 289496 |
| 289008 | Compliant | 0.055 (1.4) | light-medium | 3-5 (0.09-0.15) | 289772 | 289497 |
| 289009 | Compliant | 0.070 (1.8) | light-medium | 4-6 (0.12-0.18) | 289772 | 289498 |

With Plastic Gravity Cup

| Part Number | Spray Type | Nozzle in. (mm) | Material Viscosity | Flow oz/min (l/min) | Aircap Kit | Needle/Nozzle Kit |
|-------------|--------------|-----------------|--------------------|---------------------|------------|-------------------|
| 289011 | Conventional | 0.055 (1.4) | light-medium | 4-10 (0.12-0.30) | 289773 | 289493 |
| 289012 | Conventional | 0.070 (1.8) | light-medium | 8-12 (0.24-0.36) | 289773 | 289494 |
| 289014 | HVLP | 0.055 (1.4) | light-medium | 3-5 (0.09-0.15) | 289771 | 289495 |
| 289015 | HVLP | 0.070 (1.8) | light-medium | 4-6 (0.12-0.18) | 289771 | 289496 |
| 289017 | Compliant | 0.055 (1.4) | light-medium | 3-5 (0.09-0.15) | 289772 | 289497 |
| 289018 | Compliant | 0.070 (1.8) | light-medium | 4-6 (0.12-0.18) | 289772 | 289498 |

With 3M™ PPS™ Cup

| Part Number | Spray Type | Nozzle in. (mm) | Material Viscosity | Flow oz/min (l/min) | Aircap Kit | Needle/Nozzle Kit |
|-------------|--------------|-----------------|--------------------|---------------------|------------|-------------------|
| 289020 | Conventional | 0.055 (1.4) | light-medium | 4-10 (0.12-0.30) | 289773 | 289493 |
| 289021 | Conventional | 0.070 (1.8) | light-medium | 8-12 (0.24-0.36) | 289773 | 289494 |
| 289023 | HVLP | 0.055 (1.4) | light-medium | 3-5 (0.09-0.15) | 289771 | 289495 |
| 289024 | HVLP | 0.070 (1.8) | light-medium | 4-6 (0.12-0.18) | 289771 | 289496 |
| 289026 | Compliant | 0.055 (1.4) | light-medium | 3-5 (0.09-0.15) | 289772 | 289497 |
| 289027 | Compliant | 0.070 (1.8) | light-medium | 4-6 (0.12-0.18) | 289772 | 289498 |

SIPHON FEED
Without Siphon Cup*



| Part Number | Spray Type | Nozzle in. (mm) | Material Viscosity | Flow oz/min (l/min) | Aircap Kit | Needle/Nozzle Kit |
|-------------|--------------|-----------------|--------------------|---------------------|------------|-------------------|
| 289991 | Conventional | 0.055 (1.4) | light-medium | 4-10 (0.12-0.30) | 289769 | 289487 |
| 289992 | Conventional | 0.070 (1.8) | light-medium | 8-12 (0.24-0.36) | 289769 | 289488 |
| 289993 | HVLP | 0.055 (1.4) | light-medium | 3-5 (0.09-0.15) | 289435 | 289489 |
| 289994 | HVLP | 0.070 (1.8) | light-medium | 4-6 (0.12-0.18) | 289435 | 289490 |
| 289995 | Compliant | 0.055 (1.4) | light-medium | 3-5 (0.09-0.15) | 289768 | 289491 |
| 289996 | Compliant | 0.070 (1.8) | light-medium | 4-6 (0.12-0.18) | 289768 | 289492 |

* Purchase 3M™ PPS™ cup or aluminum cup separately

With Metal Siphon Cup

| Part Number | Spray Type | Nozzle in. (mm) | Material Viscosity | Flow oz/min (l/min) | Aircap Kit | Needle/Nozzle Kit |
|-------------|--------------|-----------------|--------------------|---------------------|------------|-------------------|
| 289028 | Conventional | 0.055 (1.4) | light-medium | 4-10 (0.12-0.30) | 289769 | 289487 |
| 289029 | Conventional | 0.070 (1.8) | light-medium | 8-12 (0.24-0.36) | 289769 | 289488 |
| 289030 | HVLP | 0.055 (1.4) | light-medium | 3-5 (0.09-0.15) | 289435 | 289489 |
| 289031 | HVLP | 0.070 (1.8) | light-medium | 4-6 (0.12-0.18) | 289435 | 289490 |
| 289032 | Compliant | 0.055 (1.4) | light-medium | 3-5 (0.09-0.15) | 289768 | 289491 |
| 289033 | Compliant | 0.070 (1.8) | light-medium | 4-6 (0.12-0.18) | 289768 | 289492 |

NEEDLE TIP IDENTIFICATION

The needle tips for the AirPro guns now have markings for identification. The tips have grooves at the base to indicate its size.



| 5-Pack Part Number | Needle Tip Size in (mm) | # of Grooves |
|--------------------|-------------------------|--------------|
| 289350 | 0.20 (0.5) | 1 |
| 288183 | 0.30 (0.8) | 2 |
| 288184 | 0.40-0.42 (1.0-1.1) | 3 |
| 288185 | 0.51-0.55 (1.3-1.4) | 4 |
| 288187 | 0.70 (1.8) | 5 |

| 5-Pack Part Number | Needle Tip Size in (mm) | # of Grooves |
|--------------------|-------------------------|--------------|
| 288984 | Siphon Conv/Compliant | 6 |
| 289001 | Gravity and Siphon HVLP | 7 |
| 289004 | 0.86 (2.2) | 0 |
| 289007 | 1.10 (2.8) | 0 |