

PPS SERIES

WORKING PRESSURE
2300 ~ 3300 PSI

FLOW RATE
2 ~ 11 litres/min

INPUT AIR PRESSURE
100 PSI



AIRLESS PAINT SPRAYER

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Teryair Pneumatic Airless Paint Sprayers are used for marine applications, hence have tough fittings. They include specially treated chrome stainless steel rods and cylinders which can withstand heavy wear and tear. They operate over a longer span of time even when used for pumping highly abrasive or corrosive materials.



VARIANTS

We have 3 sizes of Pneumatic Airless Paint Sprayers

Approvals and Certifications

All Teryair paint sprayers are CE marked and manufactured under an ISO 9001:2015 Quality system – SGS



ADDED FEATURES

Easy Replacement filters
Adjustable output pressure
Consistent spraying pressure
Easy maintenance

Teryair Pneumatic Airless Sprayers Applications

- High - pressure airless spraying machines are intended to use for the spraying of new coatings or thick - film, heavy - duty anti-corrosive coatings which are difficult to operate.
- This machine is used in industrial departments such as steel structures, ships, automobiles, railway vehicles, geology, and astronautics and so on.

Application Features

- Easily replacement filters.
- Consistent spray pressure.
- Easy to adjust output pressure.
- variety of hose lengths, guns and spray available for different spray applications.
- Easy to clean and maintain.

Technical Data

| Specification | PPS-02 | PPS-04 | PPS-11 |
|--|---|----------------------------|----------------------------|
| Maximum Fluid (Paint) Working Pressure | 2300 PSI (16.1MPa) (161 Bar) | 3045 PSI (28MPa) (210 Bar) | 3300 PSI (50MPa) (227 Bar) |
| Air Inlet Connection | 1/2" BSP Female | 1/2" BSP Female | 1/2" BSP Female |
| Gun Connection | 1/4" NPS(m) | 1/4" NPS(m) | 1/4" NPS(m) |
| Maximum Tip Orifice | 0.11" to 0.017" | 0.11" to 0.019" | 0.11" to 0.019" |
| Fluid Output Rate | 2 litres/min (0.439 gpm) | 4 litres/min (0.879 gpm) | 11 litres/min (2.419 gpm) |
| Maximum Inlet Air Pressure | 100 PSI (0.7MPa) (7Bar) | 100 PSI (0.7MPa) (7Bar) | 100 PSI (0.7MPa) (7Bar) |
| Air Consumption Maximum | 18 CFM to 25 CFM | 18 CFM to 25 CFM | 45 CFM |
| Wetted Parts Material Of Constructio | Stainless Steel SS316 Nickel Plated Carbon Steel, Tugsten Carbide, PTFE | | |
| Note:- Air Consumption is under conditions of spraying Standard Paints. Higher viscosity fluids will require proportionally higher air flow rates. | | | |

Pneumatic Airless Sprayers Standard Accessories

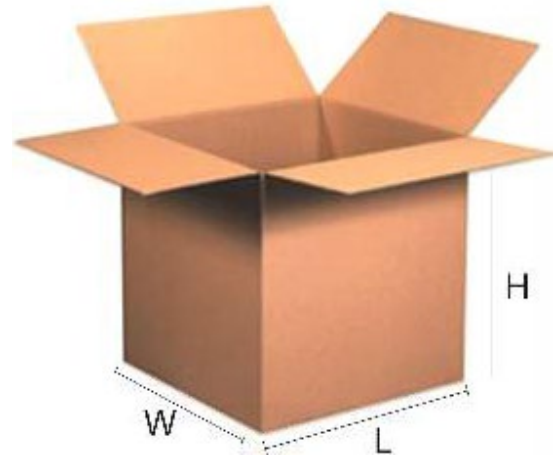
| illustration no | Description |
|-----------------|--|
| - | 1 meter Paint suction hose |
| 1 | 15 meter Paint delivery hose, 6mm ID, Nylon reinforced, 3300 PSI |
| - | 1/2" BSP Filter Regulator Lubricator Unit |
| 2 | 5 Meter Air inlet hose, 16mm ID, PVC reinforced, 200PSI |
| 3 | Gun complete with Tip 517 and filter. |
| 4 | Spare Seal Kit |
| 5 | Maintenance Tools Kit |
| - | Frame with Wheels |

Material Compatibility & Tip Selection Chart

| Paint Type | Tip Orific Size Inchs | |
|-----------------------------|-----------------------|----------------|
| Varnishes (before low VOC)* | 0.009 ~ 0.011 | Thin Materials |
| Lacquers, clear coats* | 0.009 ~ 0.011 | |
| Shellac (clear)* | 0.009 ~ 0.013 | |
| Stains - transparent | 0.011 ~ 0.013 | |
| Water sealers (thin, clear) | 0.011 ~ 0.013 | |
| Tung Oil (pure thinned) | 0.011 ~ 0.013 | |
| Lacquers, water borne* | 0.012 ~ 0.014 | |
| Acrylics, clear* | 0.012 ~ 0.014 | |
| Acrylics 100%, latex int | 0.013 ~ 0.015 | |
| Varnishes (low VOC)* | 0.013 ~ 0.015 | |
| Polyurethanes* | 0.013 ~ 0.015 | |
| Stains - solid | 0.013 ~ 0.015 | |
| Enamels - oil-base | 0.013 ~ 0.015 | |
| Latex paint - interior | 0.013 ~ 0.017 | |
| Latex paint - exterior | 0.015 ~ 0.019 | |
| Primers - latex | 0.015 ~ 0.017 | |
| Primers - oil | 0.017 ~ 0.019 | Thicker |
| Heavy Latex | 0.021 ~ 0.025 | |
| Elastomeric (smooth) | 0.021 ~ 0.025 | |

Dimensions & Weight

| Model No | PPS-02 | PPS-04 | PPS-11 |
|----------------|--------|--------|--------|
| Length mm | 500 | 500 | 600 |
| Width mm | 470 | 470 | 630 |
| Height mm | 775 | 775 | 1150 |
| Net Weight Kgs | 29 | 29 | 53.6 |



Spare Accessories

Gun and Hose Kits for Electric Airless Paint Sprayer



Teryair High Pressure Nylon Paint Spray Hose and Gun

| IMPA Code | Teryair Model No | Contents |
|-----------|------------------|---|
| 27 01 17 | 4599717 | 1 pc HGS-03 St. Gun 1 pc Tip Size -515 1 lgh Paint hose 1/4 x 15mtr |
| 27 01 18 | 4599718 | 1 pc HGS-04 St. Gun 1 pc Tip Size -515 1 lgh Paint hose 1/4 x 30mtr |

Airless Paint Spray Hand Gun



Teryair Airless Paint Spray Hand Guns are available in three sizes.

| IMPA Code | Teryair Model No | Max. Working Pressure | Inlet Size | Orifice Diam |
|-----------|------------------|-----------------------|-------------|--------------|
| 27 01 21 | HGS 03 | 24.8 Mpa (248 bar) | 1/4 nps (m) | 3.2 mm |
| 27 01 23 | HGS 2.3 | 34.5 Mpa (345 bar) | 1/4 nps (m) | 2.3 mm |

Airless Paint Spray Pole Guns

Teryair Paint Spray Pole Guns increases comfort, Speed and productivity needed to spray hard to reach. areas without using ladders or scaffolding.



| IMPA Code | Teryair Model No | Length | Max. Work Pressure | Inlet Size |
|-----------|------------------|---------|--------------------|-------------|
| 27 01 26 | PGS 09 | 900 mm | 24.8 MPa | 1/4 nps (m) |
| 27 01 27 | PGS 18 | 1800 mm | 24.8 MPa | 1/4 nps (m) |
| 27 01 28 | PGS 24 | 2400 mm | 24.8 MPa | 1/4 nps (m) |

Paint Spray Hose



| IMPA Code | Teryair Model No | Length mtr | I.D. mm | Work Pressure | | Coupled with |
|-----------|------------------|------------|---------|-------------------------|-------------------------|--------------|
| | | | | Min kgf/cm ² | Min kgf/cm ² | |
| 27 01 61 | 4590161 | 10 | 6 | 210 | 280 | 1/4 NPSM (F) |
| 27 01 62 | 4590162 | 15 | 6 | 210 | 280 | 1/4 NPSM (F) |
| 27 01 63 | 4590163 | 20 | 6 | 210 | 280 | 1/4 NPSM (F) |
| 27 01 64 | 4590164 | 30 | 6 | 210 | 280 | 1/4 NPSM (F) |
| 27 01 65 | 4590165 | 10 | 9 | 210 | 280 | 3/8 PF (F) |
| 27 01 66 | 4590166 | 15 | 9 | 210 | 280 | 3/8 PF (F) |
| 27 01 67 | 4590167 | 20 | 9 | 210 | 280 | 3/8 PF (F) |
| 27 01 68 | 4590168 | 30 | 9 | 210 | 280 | 3/8 PF (F) |

High-Pressure Airless Spray Tips

Teryair High-Pressure Airless Spray Tips are improve spraying productivity. Saves time - no screwdriver required. Change tip sizes in seconds - without removing the tip guard housing. Locking tab ensures tip stays securely in guard. For heavy-duty applications up to 500 bar (50 Mpa, 7250 psi).



| IMPA Code | Tip Model No | Orifice Size | Pattern (Fan) Width | Flow Rate GPM | Flow Rate LPM |
|-----------|--------------|--------------|-----------------------------|---------------|---------------|
| 27 09 11 | 415 | 0.015 | (4 no) 203-254 mm (8"~10") | 0.24 | 0.91 |
| 27 09 12 | 417 | 0.017 | | 0.31 | 1.17 |
| 27 09 13 | 419 | 0.019 | | 0.38 | 1.47 |
| 27 09 14 | 421 | 0.021 | | 0.47 | 1.79 |
| 27 09 15 | 423 | 0.023 | | 0.57 | 2.15 |
| 27 09 16 | 425 | 0.025 | | 0.67 | 2.54 |
| 27 09 21 | 513 | 0.013 | (5 no) 254-305 mm (10"~12") | 0.18 | 0.69 |
| 27 09 22 | 515 | 0.015 | | 0.24 | 0.91 |
| 27 09 23 | 517 | 0.017 | | 0.31 | 1.17 |
| 27 09 24 | 519 | 0.019 | | 0.38 | 1.47 |
| 27 09 25 | 521 | 0.021 | | 0.47 | 1.79 |
| 27 09 26 | 523 | 0.023 | | 0.57 | 2.15 |
| 27 09 27 | 525 | 0.025 | 0.67 | 2.54 | |
| 27 09 31 | 613 | 0.013 | (6 no) 305-356 mm (12"~14") | 0.18 | 0.69 |
| 27 09 32 | 615 | 0.015 | | 0.24 | 0.91 |
| 27 09 33 | 617 | 0.017 | | 0.31 | 1.17 |
| 27 09 34 | 619 | 0.019 | | 0.38 | 1.47 |
| 27 09 35 | 621 | 0.021 | | 0.47 | 1.79 |
| 27 09 36 | 623 | 0.023 | | 0.57 | 2.15 |