

DIFFERENT NOZZLE SIZES FOR EVERY MATERIAL

| Application / Material | Nozzle marking | Bore (in inch / mm) | Spray angle (in °) | Jet width (mm ¹) | Gun filter ² | Part number |
|--|----------------|---------------------|--------------------|------------------------------|-------------------------|-------------|
| Primers, lacquers | 211 | 0.011 / 0.28 | 20 | 120 | red | 554211 |
| | 311 | 0.011 / 0.28 | 30 | 150 | red | 554311 |
| | 411 | 0.011 / 0.28 | 40 | 190 | red | 554411 |
| | 213 | 0.013 / 0.33 | 20 | 120 | red | 554213 |
| | 313 | 0.013 / 0.33 | 30 | 150 | red | 554313 |
| | 413 | 0.013 / 0.33 | 40 | 190 | red | 554413 |
| Primers, lacquers, emulsions, vinyl paints | 415 | 0.015 / 0.38 | 40 | 190 | yellow | 554415 |
| | 515 | 0.015 / 0.38 | 50 | 225 | yellow | 554515 |
| | 615 | 0.015 / 0.38 | 60 | 270 | yellow | 554615 |
| Emulsions, latex paints | 417 | 0.017 / 0.43 | 40 | 190 | white | 554417 |
| | 517 | 0.017 / 0.43 | 50 | 225 | white | 554517 |
| | 617 | 0.017 / 0.43 | 60 | 270 | white | 554617 |
| | 519 | 0.019 / 0.48 | 50 | 225 | white | 554519 |
| | 619 | 0.019 / 0.48 | 60 | 270 | white | 554619 |
| | 421 | 0.021 / 0.53 | 40 | 190 | white | 554421 |
| | 521 | 0.021 / 0.53 | 50 | 225 | white | 554521 |
| | 621 | 0.021 / 0.53 | 60 | 270 | white | 554621 |

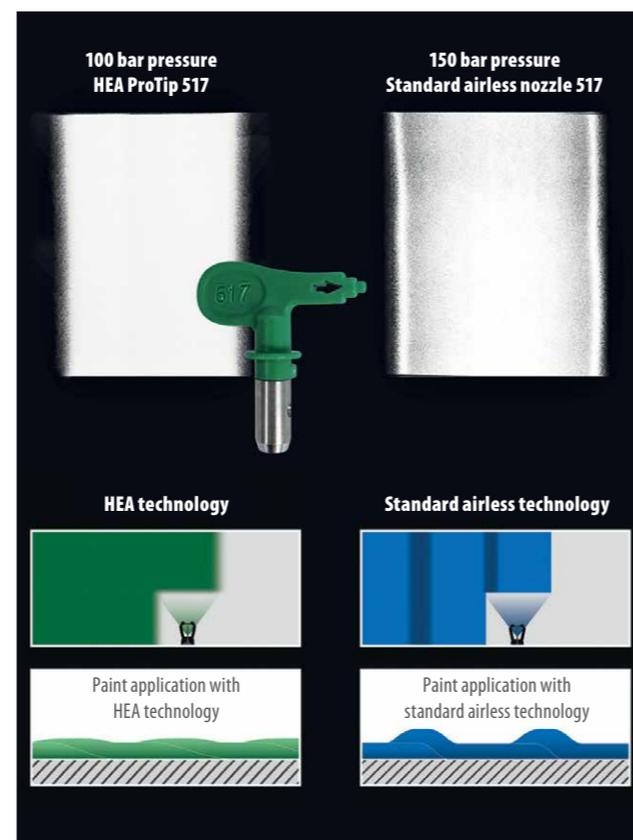
¹Spray width (mm) at an approx. distance of 30 cm to the object and 10 MPa pressure, with synthetic resin varnish 20 DIN seconds.

²Red: 180 mesh, extra fine, yellow: 100 mesh, fine, white: 50 mesh, medium.



HEA TECHNOLOGY COMPARED TO STANDARD AIRLESS

With the new HEA nozzle technology (patent pending), a pre-atomiser nozzle is positioned ahead of the actual atomisation nozzle in order to atomise the material at the same delivery volume and working speed found in classic airless devices. The structure of the nozzle creates a particularly gentle, feathered spray jet. The result is better coverage with overlapping of the spray paths, less paint build-up at the start and end of the stroke and a better surface quality. This makes the tips particularly easy to use, saves material and ensures a perfect result.



HANDY ACCESSORIES

| | |
|--|-----------------|
| Airless nozzle holders | Part no. |
| Seal; for nozzle installation | 0043 052 |
| Nozzle holder; TradeTip 3; G-thread 7/8" | 0289 390 |
| Gun filter insert | Part no. |
| Red; 180 mesh; 0.084 mm MW; extra-fine; set of 10 | 0097 022 |
| Yellow; 100 mesh; 0.14 mm MW; fine; set of 10 | 0097 023 |
| White; 50 mesh; 0.31 mm MW; fine; set of 10 | 0097 024 |
| Cleaning/storage/preserving | Part no. |
| TipClean; container together with special cleaner | 2400 214 |
| TipClean refill bottle; 1 litre | 2400 216 |
| Nozzle cleaning needle set; 0.05 - 0.50 mm; 12 items | 8612 001 |
| Other | Part no. |
| HEA pressure gauge combination complete; with 68 mm diameter | 2383 995 |
| SpeedShield; G-thread | 0538 905 |
| Nozzle extension; G-thread; 15 cm | 0556 074 |
| Nozzle extension; G-thread; 30 cm | 0556 075 |
| Nozzle case HEA ProTip emulsion | 2391 870 |



Our quality will convince you. And that's a promise.

Anyone purchasing a WAGNER paint spraying unit automatically receives a three-year manufacturer's warranty. But we can do more: If you register online, you can extend this warranty for a further two years, free of charge!

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WAGNER

MISSION AIRLESS

Revolutionary nozzles for reduced overspray at low pressure

HEA HIGH EFFICIENCY AIRLESS

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HEA ProTip



UP TO **55%**
LESS OVERSPRAY
WITH MAXIMUM CONTROL

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BE UNSTOPPABLE!

REVOLUTIONARY NOZZLES FOR REDUCED OVERSPRAY AT LOW PRESSURE

HEA stands for High Efficiency Airless, the innovative nozzle technology revolutionising airless spraying. HEA tips allow the pressure of the spray device to be reduced right down and allow it to work in the low-pressure range (ideally at 80 - 140 bar). The tips can be used with all TradeTip 3 tip holders and WAGNER devices.



Set the low pressure in the HEA range and start.



Even spray pattern without spray edges.

If edges are visible, slowly increase the pressure.

ALL THE BENEFITS AT A GLANCE

1. Less overspray: the lower spraying pressure reduces the overspray by up to 55% with controlled paint consumption. In addition to saving material, the work required to achieve coverage, especially for indoor projects, is reduced. The technology is therefore kinder to the health of eyes and lungs and protects the environment.

2. Maximum control: the gently feathered jet spray ensures better coverage with overlapping of the spray paths and avoids hard edges. Re-rolling of the sprayed surface is not required. This leads to a simple and easy-to-control technique with "success guaranteed" even for inexperienced users.

3. Long service life: The robust nozzle design made from carbide and the lower spraying pressure means the tip experiences less wear. This is why HEA tips can be used for twice as long as conventional airless tips. Even the lifespan of the device itself is prolonged: the lower spraying pressure means that the system and its components are under less strain.

4. Surface quality: High Efficiency Airless ensures a homogeneous and even layer structure on all surfaces and therefore offers excellent surface quality, especially compared to conventional applications with a brush and roller.

5. Fatigue-reduced working: low-pressure spraying ensures low gun recoil, allowing particularly pleasant and fatigue-reduced working.

6. WAGNER SprayGuide: the SprayGuide contains test reports from well-known manufacturers of materials used in combination with WAGNER units. All checked by our experts and always up to date. Visit wagner-group.com/sprayguide to find out how to set your unit to match the material you are using, and which paints and lacquers can be processed most effectively with our HEA nozzle technology

THE TIP IN DETAIL

Easy to clean

WAGNER HEA tips are reversible nozzles and can be cleaned in a matter of seconds. Simply twist the tip and spray - and the tip is already clean, without the need for any tools.

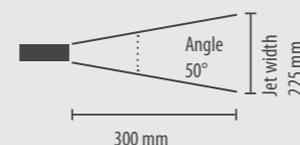
FREE WITH EVERY TIP



Free in the set: purchase a HEA tip and receive the matching gun filter and a double seal for **FREE**.

Nozzle angle

The nozzle angle determines the width of the spray angle, e.g. in this case 50°.



The ideal distance from the object is always around 300 mm.

Handy tool

for easy insertion of the tip seal.

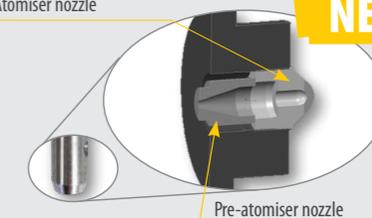
Bore diameter

The bore diameter (in this case, 0.017 inch) determines the flow volume and thus the amount of paint applied.

Innovative dual nozzle technology

Atomiser nozzle

NEW



Pre-atomiser nozzle

Two nozzle bores, one directly after the other, guarantee a perfect spray pattern with high material throughput even in low pressure ranges. Overspray is reduced to a minimum.

Extra durable

The high-quality stainless steel tip cylinder, as well as the nozzles made from carbide, reduce wear and allow a constant spray angle.

HEA HIGH EFFICIENCY AIRLESS