DIFFERENT NOZZLE SIZES FOR EVERY MATERIAL

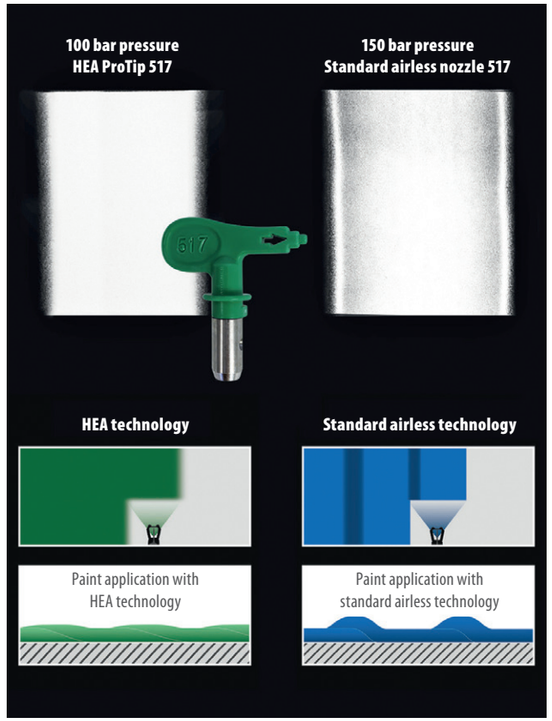
Application / Material	Nozzle marking	Bore (in inch / mm)	Spray angle (in °)	Jet width (mm[1])	Gun filter[2]	Part number
Primers, lacquers	211	0.011 / 0.28	20	120	red	554211
	311	0.011 / 0.28	30	150	red	554311
	411	0.011 / 0.28	40	190	red	554411
	213	0.013 / 0.33	20	120	red	554213
	313	0.013 / 0.33	30	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

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

3+2 WAGNER ProGuarantee

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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J. Wagner GmbH | Otto-Lilienthal-Strasse 18 | D-88677 Markdorf
Phone: +49 (0) 7544 / 505-664 | Mail: info@wagner-group.com | www.wagner-group.com

Printed in Germany · Changes reserved · EN · 2386 117 · 02/2019 M

WAGNER

MISSION AIRLESS

Revolutionary nozzles for reduced overspray at low pressure

HEA HIGH EFFICIENCY AIRLESS



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-rollering 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.

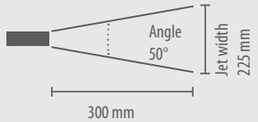
FREE WITH EVERY TIP



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.



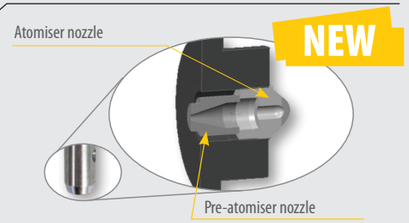
Handy tool

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.

Patent pending dual nozzle technology



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