

# RAZOR®

## HVLP Spray Gun



## Premium Performance & Quality

- Extremely smooth spray pattern for superior finishes
- Capable of atomizing a broad range of coatings from primer, base, to clear
- Ergonomic gun handle, lightweight, and low trigger pull for ultimate painter comfort
- Made in the USA and backed by a 3-year warranty

The best American made gun for spraying base coat and clear coat when HVLP technology is required.

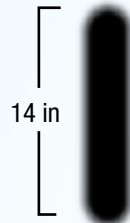
The RAZOR has 100% stainless steel fluid passages and stainless steel needle and nozzle. The RAZOR offers long-term affordability with ultra long life needle packings and low cost of ownership due to cost effective repair parts. Nickel-plated finish allows for easy cleaning.

3M™ PPS™ Adapter and 23 ounce polished aluminum gravity cup included.

- Air Inlet Size: 1/4 in npsm (R 1/4 - 19)
- Max. Air Inlet Pressure: 29 psi (0.2 MPa, 2.0 bar)
- Air Consumption: 14.4 CFM at 29 psi (0.2 MPa, 2.0 bar)
- Cup Size: 23 oz (0.68 l)
- Weight with cup: 1.3 lb (0.6 kg)
- Finish: Nickel
- Instruction Manual: PN 311684
- Reference p. 38

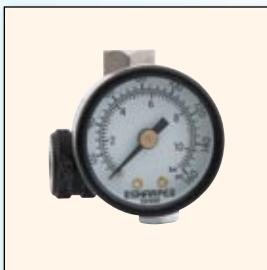


Aircap Pattern



Size	Gun PN	Nozzle PN	Needle Assembly	Applications
1.2 mm	253432	253793	253771	Base coat, high solid clear coat, waterborne base coat, single stage
1.3 mm	253433	253794	253771	Base and clear coats, waterborne base coat, high solid, single stage
1.4 mm	253434	253795	253772	Base and clear coats, single stage, sealers, low solid clear
1.5 mm	253435	253796	253772	Base and clear coats, sealers, enamels, medium to high viscosity

Air Adjusting Valve with Gauge



PN U04410 (p. 27)

RAZOR Primer



PN 253438 (p. 9)

Aluminum Gravity Feed Cup 34 oz (1 l)



PN 253978 (p. 24)

Dryaire Desiccant System



PN 6760 (p. 18)

# REFERENCE

## RAZOR REPLACEMENT PARTS QUICK REFERENCE

### RAZOR Gravity Feed Guns

Part Number	Spray Type	Max HVLP/Comp Pressure psi (MPa, bar)	Nozzle (mm)	Aircap	Nozzle	Needle Assy	Needle Tip	Aircap with Retaining Ring
253432	HVLP	29 (0.2, 2.0)	1.2	253824	253793	253771	288752	289501
253433	HVLP	29 (0.2, 2.0)	1.3	253824	253794	253771	288752	289501
253434	HVLP	29 (0.2, 2.0)	1.4	253824	253795	253772	253917	289501
253435	HVLP	29 (0.2, 2.0)	1.5	253824	253796	253772	253917	289501
289388	HVLP, Waterborne	26 (0.18, 1.8)	1.2	289374	289380	253771	288752	289599
289389	HVLP, Waterborne	26 (0.18, 1.8)	1.3	289375	289381	253771	288752	289600
289571	HVLP, Waterborne	26 (0.18, 1.8)	1.4	289375	289561	253771	288752	289600
289214	HVLP, Metallic	29 (0.2, 2.0)	1.3	289212	253794	253771	288752	289514
289215	HVLP, Metallic	29 (0.2, 2.0)	1.4	289212	253795	253772	253917	289514
289216	HVLP, Metallic	29 (0.2, 2.0)	1.5	289212	253796	253772	253917	289514
253427	LVLP	16 (0.1, 1.1)	1.3	253823	253803	253771	288752	289500
253428	LVLP	16 (0.1, 1.1)	1.4	253823	253804	253772	253917	289500
253429	LVLP	16 (0.1, 1.1)	1.5	253823	253805	253772	253917	289500
253441	Compliant	35 (0.24, 2.4)	1.2	253825	253817	253771	288752	289502
253442	Compliant	35 (0.24, 2.4)	1.3	253825	253818	253771	288752	289502
253443	Compliant	35 (0.24, 2.4)	1.4	253825	253819	253771	288752	289502
288654	Compliant	35 (0.24, 2.4)	1.5	253825	288653	253772	253917	289502
253444	Compliant	35 (0.24, 2.4)	1.6	253825	253820	253772	253917	289502
289390	Compliant, Waterborne	35 (0.24, 2.4)	1.2	289376	289382	253771	288752	289601
289391	Compliant, Waterborne	35 (0.24, 2.4)	1.3	289377	289383	253771	288752	289602
289572	Compliant, Waterborne	35 (0.24, 2.4)	1.4	289377	289562	253771	288752	289602
288281	Conventional	N/A	1.4	288451	288297	253771	288752	289507
289839	HVLP, Primer	29 (0.2, 2.0)	1.3	253828	289841	253771	288752	289505
253437	HVLP, Primer	29 (0.2, 2.0)	1.5	253828	253789	253772	253917	289505
253438	HVLP, Primer	29 (0.2, 2.0)	1.8	253828	253790	253772	253917	289505
253439	HVLP, Primer	29 (0.2, 2.0)	2.3	253829	253791	253774	234779	289506
24B233	HVLP, Primer	29 (0.2, 2.0)	2.5	253829	24B235	253775	234780	289506

### RAZOR Siphon Feed Guns

Part Number	Spray Type	Max HVLP/Comp Pressure psi (MPa, bar)	Nozzle (mm)	Aircap	Nozzle	Needle Assy	Needle Tip	Aircap with Retaining Ring
287961	HVLP	30 (0.21, 2.1)	2.2	253827	253778	253777	234779	289504
289231	HVLP	30 (0.21, 2.1)	2.2	253827	253778	253777	234779	289504
288286	Compliant	35 (0.24, 2.4)	1.2	288454	288302	288641	234778	289510
288287	Compliant	35 (0.24, 2.4)	1.3	288454	288303	288641	234778	289510
288288	Compliant	35 (0.24, 2.4)	1.4	288454	288304	288642	288752	289510
288290	Compliant	35 (0.24, 2.4)	1.8	288454	288306	288643	253917	289510
288291	Conventional		1.5	288455	288307	288642	288752	289511
288292	Conventional		1.8	288455	288308	288642	288752	289511
288293	Conventional		2	288456	288309	253777	234779	289512
288294	Conventional		2.5	288457	288310	253777	234779	289513

# REFERENCE

## RAZOR REPLACEMENT PARTS QUICK REFERENCE

### RAZOR Pressure Feed Guns Replacement

Part Number	Spray Type	Max HVLP/Comp Pressure psi (MPa, bar)	Max Fluid Working Pressure psi (MPa, bar)	Nozzle (mm)	Aircap	Nozzle	Needle Assy	Needle Tip	Aircap with Retaining Ring
24A525	HVLP	29 (0.2, 2.0)	300 (2.1, 21)	1	253824	253792	253769	288751	289501
24A526	HVLP	29 (0.2, 2.0)	300 (2.1, 21)	1.2	253824	253793	253771	288752	289501
24A527	HVLP	29 (0.2, 2.0)	300 (2.1, 21)	1.4	253824	253795	253772	253917	289501
24A528	Compliant	35 (0.24, 2.4)	300(2.1, 21)	1	253825	253816	253769	288751	289502
24A529	Compliant	35 (0.24, 2.4)	300 (2.1, 21)	1.2	253825	253817	253771	288752	289502
24A530	Compliant	35 (0.24, 2.4)	300 (2.1, 21)	1.4	253825	253819	253771	288752	289502
24A531	Conventional	N/A	300 (2.1, 21)	1.2	288451	288295	253772	253917	289507
24A532	Conventional	N/A	300 (2.1, 21)	1.4	288451	288297	253771	288752	289507
24A533	Conventional	N/A	300 (2.1, 21)	1.8	288452	288299	253772	253917	289508
289232	HVLP	29 (0.2, 2.0)	300 (2.1, 21)	1.2	253824	253793	288641	234778	289501

### RAZOR Replacement for Titanium

Titanium Part Numbers	RAZOR Part Numbers	RAZOR Nozzle Size (mm)	RAZOR Spray Type	Feed System
4012	253432	1.2	HVLP	Gravity
4013	253433	1.3	HVLP	Gravity
4014	253434	1.4	HVLP	Gravity
4015	253435	1.5	HVLP	Gravity
4016*	253435 or 253436	1.5 / 1.7	HVLP	Gravity
4017	253436	1.7	HVLP	Gravity
4212	253441	1.2	Compliant	Gravity
4213	253442	1.3	Compliant	Gravity
4214	253443	1.4	Compliant	Gravity
4215	288654	1.5	Compliant	Gravity
4216	253444	1.6	Compliant	Gravity
4217**	253444	1.6	Compliant	Gravity
5485	287961	2.2	HVLP	Siphon

\* RAZOR HVLP not offered in a 1.6 mm. We offer a 1.5 mm (253435) or a 1.7 mm (253436)

\*\* RAZOR Compliant not offered in a 1.7 mm. We offer a 1.6 mm.

### Cross Reference

#### Need to replace your Titanium or Cobalt guns?

Simply determine the gun family, select the appropriate part number and then find the RAZOR part number reference. This is a suggested RAZOR alternative and is not an implied guarantee of the acceptability of the gun in all applications.

### RAZOR Replacement for Cobalt

Cobalt Part Numbers	RAZOR Part Numbers	RAZOR Nozzle Size (mm)	RAZOR Spray Type	Feed System
5222*	288291	1.5	Conventional	Siphon
5224*	288291	1.5	Conventional	Siphon
5235	288292	1.8	Conventional	Siphon
5250**	288294	2.5	Conventional	Siphon
5712	253441	1.2	Compliant	Gravity
5714	253443	1.4	Compliant	Gravity
5716	253444	1.6	Compliant	Gravity
5812	253432	1.2	HVLP	Gravity
5814	253434	1.4	HVLP	Gravity
5815	253437	1.5	HVLP Primer	Gravity
5816***	253435 or 253436	1.5 / 1.7	HVLP	Gravity
5818	253438	1.8	HVLP Primer	Gravity
5823	253439	2.3	HVLP Primer	Gravity
5866	287961	2.2	HVLP	Siphon

\* RAZOR Conventional not offered in a 1.4 mm but 1.5 mm is offered.

\*\* RAZOR Conventional not offered in a 2.3 mm but 2.5 mm is offered.

\*\*\* RAZOR HVLP not offered in a 1.6 mm but 1.5 mm (253435) or a 1.7 mm (253436) is offered.

# REFERENCE

## SPRAY GUN REFERENCE GUIDE

	RAZOR HVLP	RAZOR Compliant	RAZOR HVLP-Siphon	RAZOR Compliant-Siphon	RAZOR LVLP	RAZOR HVLP Waterborne	RAZOR Compliant Waterborne
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Primers & Sealers							
Nozzle Size mm	1.5	1.4	2.2	1.6-1.8	1.3-1.4		
Gun PN	253437 (1.5 mm)	253443 (1.4 mm)	287961 (2.2 mm)	288289 (1.6 mm) 288290 (1.8 mm)	253427 (1.3 mm) 253428 (1.4 mm)		
Nozzle PN	253789 (1.5 mm)	253819 (1.4 mm)	253778 (2.2 mm)	288305 (1.6 mm) 288306 (1.8 mm)	253803 (1.3 mm) 253804 (1.4 mm)		
Aircap PN	253828	253825	253827	288454	253823		

Primer Surface							
Nozzle Size mm	1.5 - 1.8	1.4-1.6	2.2	1.6-1.8	1.3-1.4		
Gun PN	253437 (1.5 mm) 253438 (1.8 mm)	253443 (1.4 mm) 288654 (1.5 mm) 253444 (1.6 mm)	287961 (2.2 mm)	288289 (1.6 mm) 288290 (1.8 mm)	253427 (1.3 mm) 253428 (1.4 mm)		
Nozzle PN	253789 (1.5 mm) 253790 (1.8 mm)	253819 (1.4 mm) 288653 (1.5 mm) 253820 (1.6 mm)	253778 (2.2 mm)	288305 (1.6 mm) 288306 (1.8 mm)	253803 (1.3 mm) 253804 (1.4 mm)		
Aircap PN	253828	253825	253827	288454	253823		

Single Stage Urethane and Polyurethanes							
Nozzle Size mm	1.2-1.5	1.3-1.5	2.2	1.6-1.8	1.4-1.5		
Gun PN	253432 (1.2 mm) 253433 (1.3 mm) 253434 (1.4 mm) 253435 (1.5 mm)	253442 (1.3 mm) 253443 (1.4 mm) 288654 (1.5 mm)	287961 (2.2 mm)	288289 (1.6 mm) 288290 (1.8 mm)	253428 (1.4 mm) 253429 (1.5 mm)		
Nozzle PN	253793 (1.2 mm) 253794 (1.3 mm) 253795 (1.4 mm) 253796 (1.5 mm)	253818 (1.3 mm) 253819 (1.4 mm) 288653 (1.5 mm)	253778 (2.2 mm)	288305 (1.6 mm) 288306 (1.8 mm)	253804 (1.4 mm) 253805 (1.5 mm)		
Aircap PN	253824	253825	253827	288454	253823		

Base Coat							
Nozzle Size mm	1.2-1.5	1.2-1.4	2.2	1.4-1.8	1.3-1.5	1.2-1.3	1.2-1.3
Gun PN	253432 (1.2 mm) 253433 (1.3 mm) 253434 (1.4 mm) 253435 (1.5 mm)	253441 (1.2 mm) 253442 (1.3 mm) 253443 (1.4 mm)	287961 (2.2 mm)	288288 (1.4 mm) 288289 (1.6 mm) 288290 (1.8 mm)	253427 (1.3 mm) 253428 (1.4 mm) 253429 (1.5 mm)	289388 (1.2 mm) 289389 (1.3 mm)	289390 (1.2 mm) 289391 (1.3 mm)
Nozzle PN	253793 (1.2 mm) 253794 (1.3 mm) 253795 (1.4 mm) 253796 (1.5 mm)	253817 (1.2 mm) 253818 (1.3 mm) 253819 (1.4 mm)	253778 (2.2 mm)	288304 (1.4 mm) 288305 (1.6 mm) 288306 (1.8 mm)	253803 (1.3 mm) 253804 (1.4 mm) 253805 (1.5 mm)	289390 (1.2 mm) 289381 (1.3 mm)	289382 (1.2 mm) 289383 (1.3 mm)
Aircap PN	253824	253825	253827	288454	253823	289374 (1.2 mm) 289375 (1.3 mm)	289376 (1.2 mm) 289377 (1.3 mm)

Clear Coat							
Nozzle Size mm	1.2-1.5	1.2-1.4	2.2	1.6-1.8	1.3-1.5		
Gun PN	253432 (1.2 mm) 253433 (1.3 mm) 253434 (1.4 mm) 253435 (1.5 mm)	253441 (1.2 mm) 253442 (1.3 mm) 253443 (1.4 mm)	287961 (2.2 mm)	288289 (1.6 mm) 288290 (1.8 mm)	253427 (1.3 mm) 253428 (1.4 mm) 253429 (1.5 mm)		
Nozzle PN	253793 (1.2 mm) 253794 (1.3 mm) 253795 (1.4 mm) 253796 (1.5 mm)	253817 (1.2 mm) 253818 (1.3 mm) 253819 (1.4 mm)	253778 (2.2 mm)	288305 (1.6 mm) 288306 (1.8 mm)	253803 (1.3 mm) 253804 (1.4 mm) 253805 (1.5 mm)		
Aircap PN	253824	253825	253827	288454	253823		