



# RAC X SYSTEM

Reverse-A-Clean SwitchTips



**RAC**  
SYSTEM

**NEW!**

**Finally, spray tips that get the job done faster and last longer, saving time and money on every job.**

## **INTRODUCING GRACO'S NEW LINE OF BREAKTHROUGH SPRAY TIPS.**

Designed with the contractors' needs in mind, these job-specific spray tips give you long life, a superior fan pattern, and a high-quality finish.

- RAC® X SwitchTip™ has the longest-lasting fan pattern on the market and delivers 50% more life!\*
- RAC X™ WideRAC™ SwitchTip delivers a 24 in (61 cm) spray pattern.
- RAC X Fine Finish SwitchTip offers superior atomization.

We took your suggestions and coupled them with the latest technological advances to bring you the best tips on the market!

**CONTRACTOR**

PROVEN QUALITY. LEADING TECHNOLOGY.

# THE RAC X SYSTEM – EXCEPTIONAL LI

## Spray better with the New RAC X!

Newly designed to give you exceptional results.

RAC X SwitchTip • RAC X HandTite™ Guard • OneSeal™ Gasket

- Experience breakthrough performance!
- Superior atomization
- All RAC X Airless Tips feature OneSeal design
- Maximum Working Pressure: 4050 psi (27.9 MPa, 279 bar)

Use RAC X Tips only with RAC X Guards. Not interchangeable with RAC 5 Tips.



## LONGEST LASTING FAN PATTERN ON THE MARKET!

### RAC X SwitchTips

LTX-XXX Blue (Odd #)

- Longest lasting fan pattern on the market!
- Optimized for today’s latex and oil-based coatings
- Maintains a useable fan over the life of the tip – keep spraying without wasting time or material
- Sprays longer than RAC 5 or the competition
- Highest-quality finish available



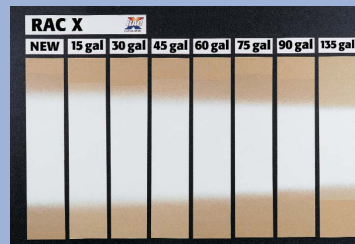
Easy to assemble without tools.



Use front arrow to knockout seal for quick cleaning.

### We put RAC X to the test.

After 60 gal (227 L) of paint, RAC X performs 52% better than the competition and 32% better than RAC 5! Spray the same area with fewer passes, saving time and labor.



**Type:**

RAC X SwitchTips

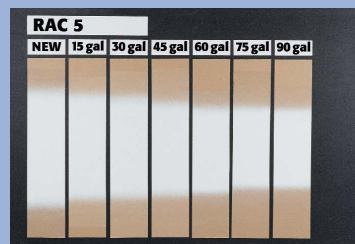
**Paint Sprayed:**

60 gallons (227 L)

**Fan Pattern Loss:**

Only 19%!

Fan pattern is still 11 in (28 cm) wide!



**Type:**

RAC 5 SwitchTips

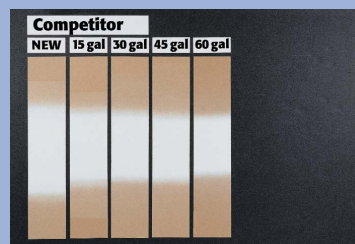
**Paint Sprayed:**

60 gallons (227 L)

**Fan Pattern Loss:**

28%!

Fan pattern is 10 in (25 cm) wide.



**Type:**

Competitive Tips

**Paint Sprayed:**

60 gallons (227 L)

**Fan Pattern Loss:**

40%!

Fan pattern is only 6 in (15 cm) wide.

Test was conducted using Exterior Flat Latex, 2500 psi (170 bar), 1/4 in x 50 ft (6.4 mm x 15.2 m) hose and new 515 tips.

# FE, PATTERN AND FINISH

## COMPLETE JOBS IN HALF THE TIME!

### RAC X WideRAC SwitchTips

**WR-XXXX Blue (Odd #)**

- 24 in (610 mm) spray fan for maximum coverage
- Finish jobs in half the time!
- Increased flow rate ensures the proper mil build
- Perfect for large jobs!
- Optimized for interior and exterior latex paint and primer



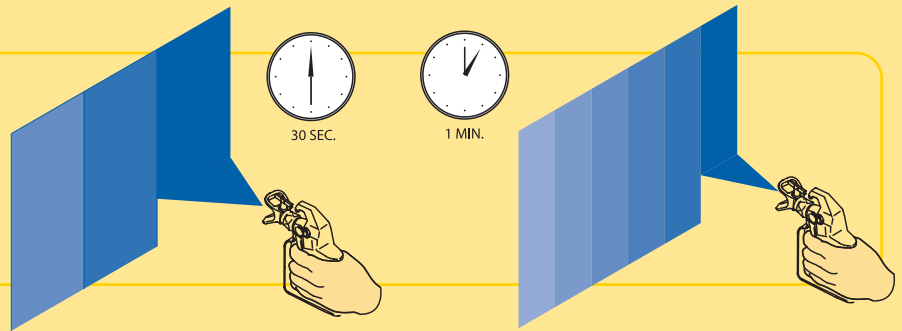
### WideRAC Conversion

RAC 5 or RAC X	WideRAC
415 or 515	1221 or 1223
417 or 517	1223 or 1225
419 or 519	1225 or 1227
521 or 621	1229 or 1231
523 or 623	1233 or 1235
525 or 625	1235 or 1237

When you use WideRAC, be sure to increase the flow rate of the tip to ensure the same mil build and rate of application (arm speed). Also, make sure your airless sprayer can support the larger tip size.

WideRAC can cover the same area in 3 passes and in half the time!

WideRAC saves you time, labor and energy!



24 in (610 mm) Pattern with WideRAC

12 in (305 mm) Pattern with Standard Tip

## SUPERIOR ATOMIZATION!

New sizes now available — FFT208 - FTT308 - FFT314!

### RAC X Fine Finish SwitchTips

**FFT-XXX Green (Even #)**

- Pre-orifice design gives you the best finish quality where you need it!
  - Trim and moldings
  - Cabinets
  - Shutters and doors
- Spray at lower pressures than standard tips and Fine Finish RAC 5 tips
- Less overspray
- Tighter, more consistent fan patterns



# RAC X Tip Selection

## RAC X SWITCHTIPS

		Orifice Size - Inches													
Fan Width	in. (mm)	.009	.011	.013	.015	.017	.019	.021	.023	.025	.027	.029	.031	.033	.035
	2-4 (51-102)														
4-6 (102-152)		209*	211	213	215*	217*									
6-8 (152-203)		309*	311	313	315	317	319*	321*							
8-10 (203-254)			411	413	415	417	419	421*	423*						
10-12 (254-305)			511	513	515	517	519	521	523*	525*	527*		531*		535*
12-14 (305-356)					615*	617	619	621	623*	625*	627*	629*	631*		635*
14-16 (356-406)								721*							
Flow rate (gpm)		.09	.12	.18	.24	.31	.38	.47	.57	.67	.77	.90	1.03	1.17	
Flow rate (lpm)		.33	.49	.69	.91	1.17	1.47	1.79	2.15	2.54	2.96	3.42	3.90	4.42	

(water @ 2000 psi, 138 bar, 13.8 MPa)

Example: for a tip with a .015 orifice and a 6 in (152 mm) pattern, order LTX315. Fan width of spray pattern is measured at 12 in (305 mm) from the surface. Fan pattern may vary depending on material sprayed.

\* Tip sizes will be available in the second half of 2004.



## RAC X WIDERAC SWITCHTIPS

		Orifice Size - Inches									
Fan Width	in. (mm)	.021	.023	.025	.027	.029	.031	.033	.035	.037	.039
	24	(610)	1221	1223	1225	1227	1229	1231	1233	1235	1237
Flow rate (gpm)		.47	.57	.67	.77	.90	1.03	1.17	1.31	1.47	1.63
Flow rate (lpm)		1.79	2.15	2.54	2.96	3.42	3.90	4.42	4.98	5.56	6.18

(water @ 2000 psi, 138 bar, 13.8 MPa)

Example: for a tip with a .027 orifice and a 24 in (305 mm) pattern, order WR1227. Fan width of spray pattern is measured at 12 in (305 mm) from the surface. Fan pattern may vary depending on material sprayed.

## RAC X FINE FINISH SWITCHTIPS

		Orifice Size - Inches			
Fan Width	in. (mm)	.008	.010	.012	.014
	4-6 (102-152)		208	210	212
6-8 (152-203)		308	310	312	314
8-10 (203-254)			410	412	414
Flow rate (gpm)		.069	.11	.15	.21
Flow rate (lpm)		.26	.41	.59	.80

(water @ 2000 psi, 138 bar, 13.8 MPa)

Example: for a tip with a .010 orifice and a 8 in (203 mm) pattern, order FFT410. Fan width of spray pattern is measured at 12 in (305 mm) from the surface. Fan pattern may vary depending on material sprayed.

# Find RAC X on these Graco Accessories!

### GUNS

- |   |   |   |
|---|---|---|
| <b>246220</b> Contractor II Gun (2-finger) with RAC X 517 SwitchTip | <b>246230</b> Contractor FTx II Gun (4-finger) with RAC X 515 SwitchTip | <b>246240</b> Silver Plus™ Gun with RAC X 517 SwitchTip |
| <b>246221</b> Contractor II Gun (4-finger) with RAC X 517 SwitchTip | <b>246231</b> Contractor FTx II Gun (2-finger) with RAC X 515 SwitchTip | <b>246468</b> Flex Plus™ Gun with RAC X 517 SwitchTip   |

### RAC X GUARDS AND ONESEALS

Use with all RAC X Tips (LTX-XXX) (WR-XXXX) (FFT-XXX)

- |  |                                |
|--|--------------------------------|
| <b>246215</b> For 7/8 in (22 mm) thread size | <b>246453</b> OneSeal (5-pack) |
| <b>246437</b> 11/16 in (17 mm) thread        |                                |



### GUN HOSE KITS

Include the following unless otherwise noted: Airless Gun, RAC X 517 SwitchTip and HandTite Guard, 1/4 in x 50 ft (6.3 mm x 15.2 m) Blue Max™ Airless Hose and 3 ft (0.9 m) Whip Hose

- |  |   |
|--|---|
| <b>287036</b> Contractor II Gun Hose Kit   | <b>287041</b> Silver Plus Gun Hose Kit  |
| <b>287037</b> Contractor II Gun Hose Kit 3/8 in x 50 ft (9.5 mm x 15.2 m) Airless Hose | <b>287042</b> Silver Plus Gun Hose Kit - 3/8 in x 50 ft (9.5 mm x 15.2 m) Airless Hose 3300 psi (22.7 MPa, 227 bar) |
| <b>287040</b> Contractor FTx II Gun Hose Kit with RAC X 517 SwitchTip                  | <b>287043</b> Silver Plus Gun Hose Kit - 3/8 in x 50 ft (9.5 mm x 15.2 m) Airless Hose 3600 psi (24.8 MPa, 248 bar) |
| <b>287095</b> Flex Plus Gun Hose Kit   |   |



### TIP EXTENSIONS

Includes RAC X HandTite Guard

- |                             |                             |
|-----------------------------|-----------------------------|
| <b>287019</b> 10 in (25 cm) | <b>287021</b> 20 in (50 cm) |
| <b>287020</b> 15 in (38 cm) | <b>287022</b> 30 in (75 cm) |

### POLE GUNS

Includes RAC X 517 SwitchTip and HandTite Guard

- |   |
|---|
| <b>287023</b> 3 ft (0.9 m)              |
| <b>287024</b> 6 ft (1.8 m)              |
| <b>287030</b> CleanShot™ Shut-Off Valve |

All written and visual data contained in this document are based on the latest product information available at the time of publication. Graco reserves the right to make changes at any time without notice.

Call today for product information or to request a demonstration.

**1 800-690-2894** Fax: 1 800-334-6955 or visit us at [www.graco.com](http://www.graco.com).

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