

Gasoline Spin-On Series Overview

Applies to all models.



Specifications	120R-RAC-01	120R-RAC-02	320R-RAC-01	320R-RAC-02
Application: Inboard Outboard	No Yes	Yes Yes	No Yes	Yes Yes
Max. Flow Rate	30 GPH (114 LPH)	30 GPH (114 LPH)	60 GPH (227 LPH)	60 GPH (227 LPH)
Center Threads	M18 x 1.5	M18 x 1.5	1"-14	1"-14
Port Size	¼"-18 NPTF	¼"-18 NPTF	¼"-18 NPTF	¼"-18 NPTF
Number of Ports: Inlets Outlets	2 2	2 2	2 1	2 1
Height	6.5 in. (16.5 cm)	6.0 in. (15.2 cm)	9.3 in. (23.6 cm)	9.0 in. (22.8 cm)
Width	3.2 in. (8.1 cm)	3.2 in. (8.1 cm)	4.0 in. (10.2 cm)	4.0 in. (10.2 cm)
Depth	3.2 in. (8.1 cm)	3.2 in. (8.1 cm)	4.0 in. (10.2cm)	4.0 in. (10.2cm)
Weight (dry)	1.1 lb (0.5 kg)	1.1 lb (0.5 kg)	2.0 lb (0.90 kg)	2.0 lb (0.90 kg)
Clean Pressure Drop	0.15 PSI (1.03 kPa)	0.15 PSI (1.03 kPa)	0.61 PSI (4.23 kPa)	0.61 PSI (4.23 kPa)
Max. Pressure	7 PSI (0.5 bar)	7 PSI (0.5 bar)	7 PSI (0.5 bar)	7 PSI (0.5 bar)
Underbowl Clearance	1.0 in. (2.5 cm)	1.0 in. (2.5 cm)	1.0 in. (2.5 cm)	1.0 in. (2.5 cm)
H₂O Removal Efficiency	99%	99%	99%	99%
Ambient Fuel Temperature	-40° to +250°F (-40° to +121°C)			
Max. Fuel Temperature	190°F (32°C)			

Gasoline Spin-On Series

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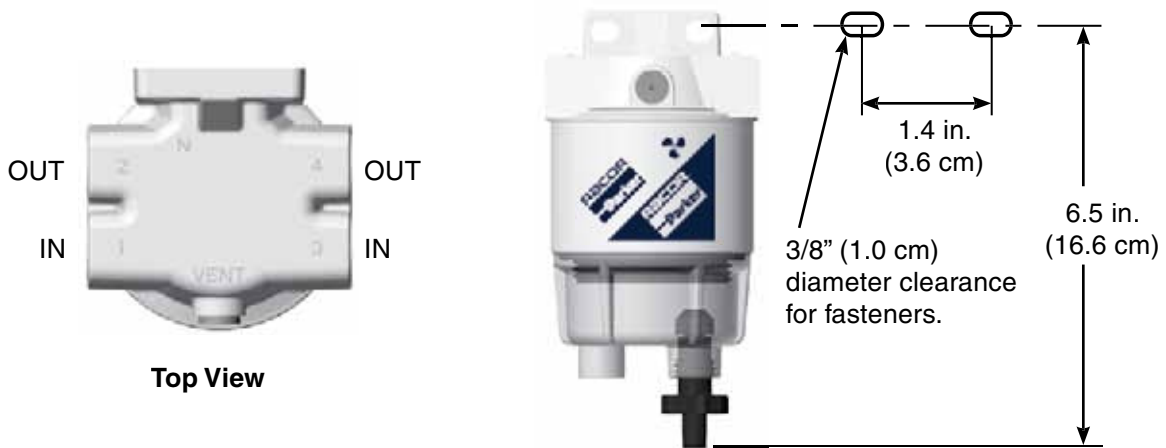
Specifications	490R-RAC-01	660R-RAC-01	660R-RAC-02	3120R-RAC-32
Application: Inboard Outboard	No Yes	No Yes	Yes Yes	Yes Yes
Max. Flow Rate	90 GPH (340 LPH)	90 GPH (340 LPH)	90 GPH (340 LPH)	120 GPH (454 LPH)
Center Threads	1"-14	1"-14	1"-14	1"-14
Port Size	3/8"-18 NPTF	3/8"-18 NPTF	3/8"-18 NPTF	1/2"-14 NPTF
Number of Ports: Inlets Outlets	2 2	2 2	2 2	1 1
Height	9.9 in. (25.1 cm)	11.0 in. (27.9 cm)	10.5 in. (26.7 cm)	10.4 in. (26.4 cm)
Width	4.5 in. (11.4 cm)	4.2 in. (10.7 cm)	4.2 in. (10.7 cm)	4.0 in. (10.2 cm)
Depth	4.8 in. (12.1 cm)	4.5 in. (11.4 cm)	4.5 in. (11.4 cm)	5.0 in. (12.7 cm)
Weight (dry)	2.6 lb (1.2 kg)	3.0 lb (1.4 kg)	3.0 lb (1.4 kg)	2.0 lb (0.90 kg)
Clean Pressure Drop	0.95 PSI (6.5 kPa)	0.61 PSI (4.23 kPa)	0.61 PSI (4.23 kPa)	0.15 PSI (1.03 kPa)
Max. Pressure	7 PSI (0.5 bar)	7 PSI (0.5 bar)	7 PSI (0.5 bar)	7 PSI (0.5 bar)
Underbowl Clearance	1.0 in. (2.5 cm)	1.0 in. (2.5 cm)	1.0 in. (2.5 cm)	1.0 in. (2.5 cm)
H₂O Removal Efficiency	99%	99%	99%	99%
Ambient Fuel Temperature	-40° to +250°F (-40° to +121°C)			
Max. Fuel Temperature	190°F (32°C)			

How to Order

(The example below illustrates how a part number is constructed).

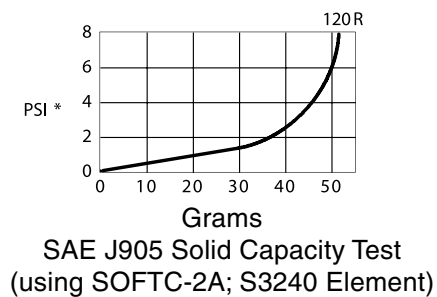
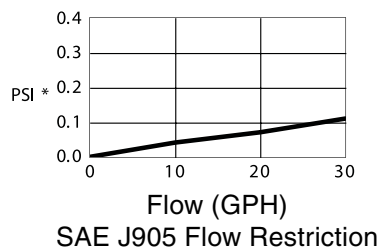
120R-RAC	-01
Basic Model Number	-01 (for clear bowl) -02 (for metal bowl)

Mounting Information



Test Data

(Test results are from controlled laboratory testing. Field results may vary.)



PSI x 2.036 = inHg. (PSI x 6.895 = kPa)

Gasoline Spin-On Series

Replacement Parts

120R-RAC-01 and 120R-RAC-02

<u>Part Number</u>	<u>Description</u>
1. RK 10214-01 10224	Head Kit (includes #2) 3/8" SAE Plug
2. RK 10503	Gasket Kit
3. Replacement Element (includes #2) S3240	10 micron
4. RK 10012	Bowl O-ring Kit
5. RK 10222	Clear Bowl Kit (includes #'s 4 and 6)
6. RK 30476	Self-venting Drain Kit
7. RK10553	Metal Bowl (includes #'s 4, 6 and 7)
8. 20022	Drain Port Plug
9. 01SP-2S	Probe Port Plug

Additional Parts (not shown)

10223 Installation Instructions



Metal Bowl Kit

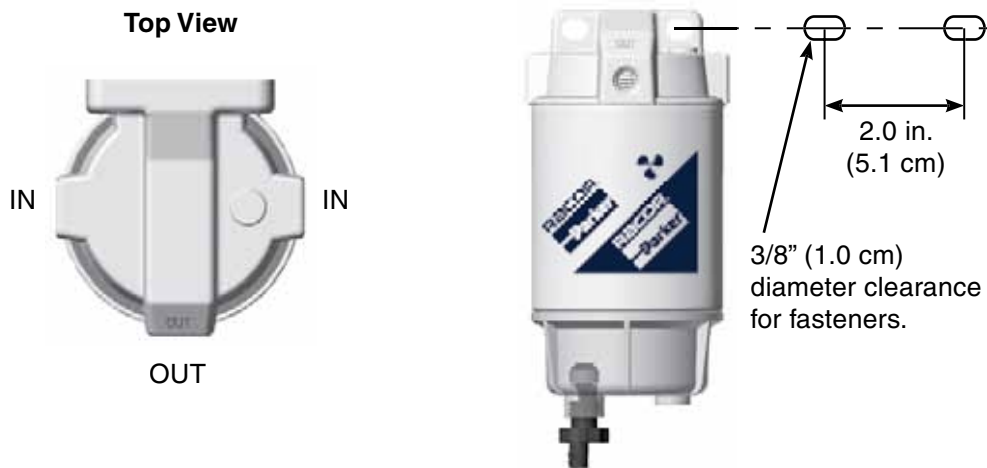


How to Order

(The example below illustrates how a part number is constructed).

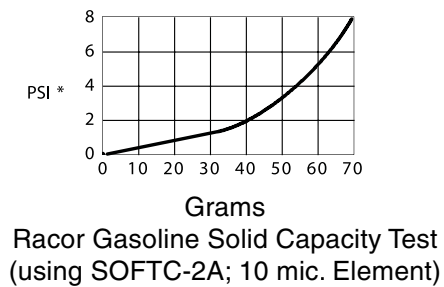
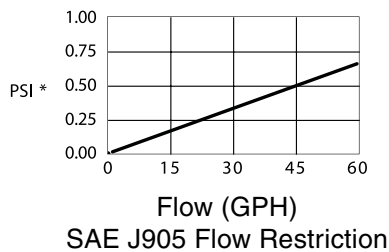
320R-RAC	-01
Basic Model Number	-01 (for clear bowl) -02 (for metal bowl)

Mounting Information



Test Data

(Test results are from controlled laboratory testing. Field results may vary.)



PSI x 2.036 = inHg. (PSI x 6.895 = kPa)

Gasoline Spin-On Series

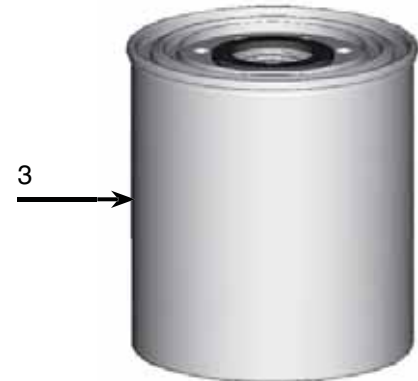
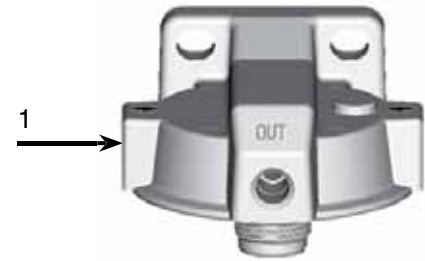
Replacement Parts

320R-RAC-01 and 320R-RAC-02

Part Number	Description
1. RK 20180	Mounting Head Kit
2. 20707	Gasket Kit
3. Replacement Elements	
S3227	10 Micron
S3228TUL	10 Micron (UL Marine)
4. RK 22244	Bowl O-ring Kit
5. RK 30475	Clear Bowl Kit
6. RK 30476	Self-venting Drain Kit
7. RK 30473-02	Metal Bowl Kit
8. 918-N6	Steel Port Plug

Additional Parts (not shown)

22237	Installation Instructions
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Metal Bowl Kit

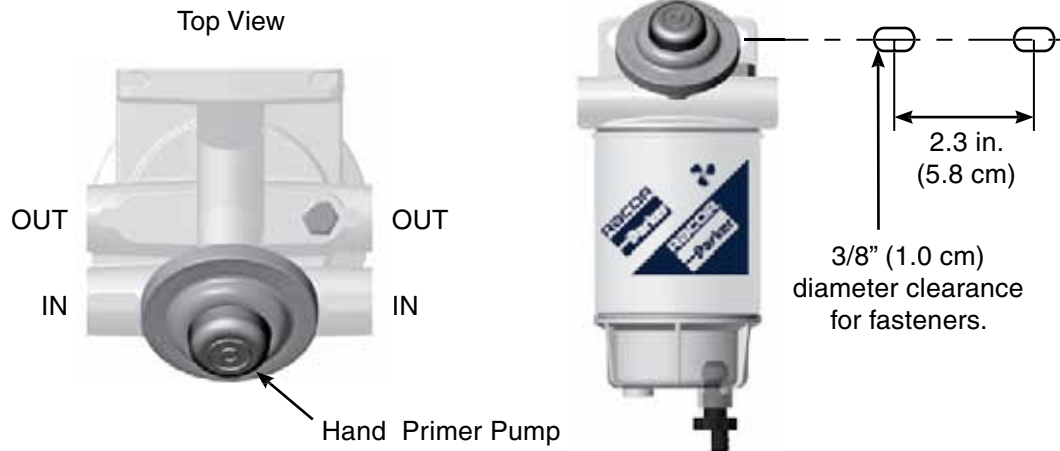


How to Order

(The example below illustrates how a part number is constructed).

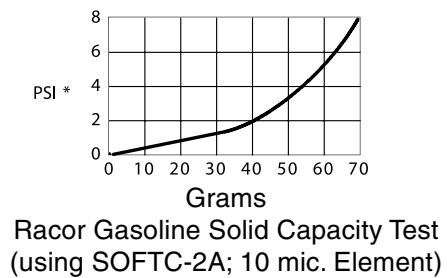
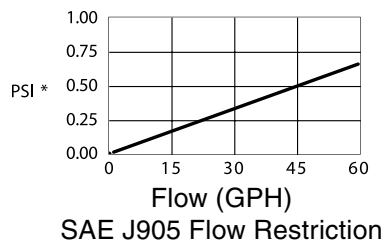
490R-RAC	-01
Basic Model Number	-01 (for clear bowl)

Mounting Information



Test Data

(Test results are from controlled laboratory testing. Field results may vary.)



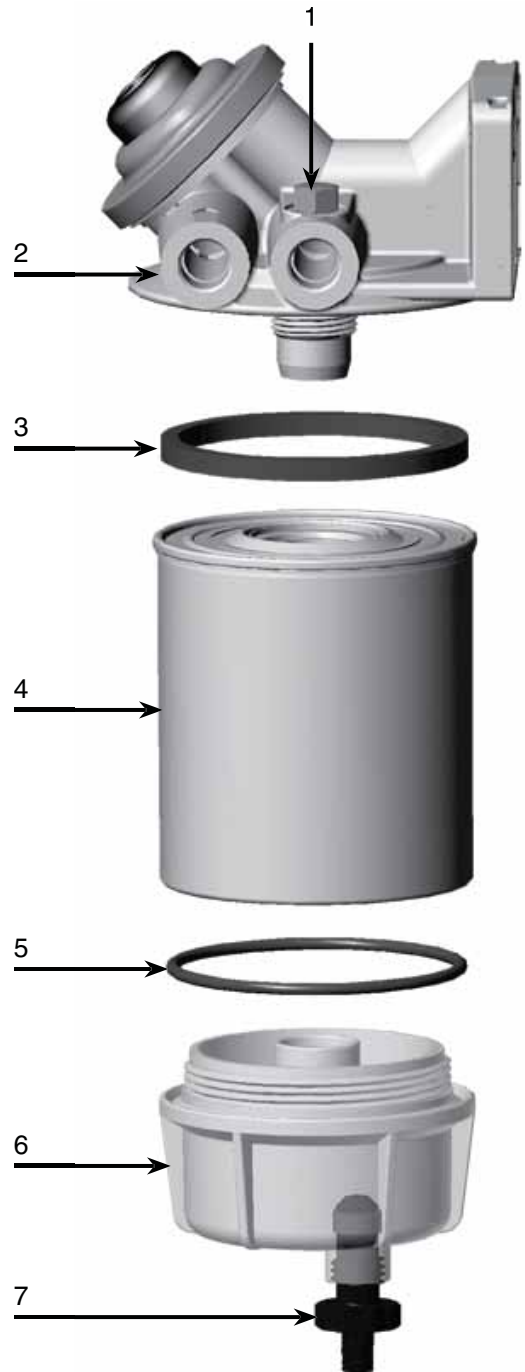
PSI x 2.036 = inHg. (PSI x 6.895 = kPa)

Gasoline Spin-On Series

Replacement Parts

490R-RAC-01

Part No.	Description
1. 10110	Vent Plug (3/8" SAE)
2. 24000	Mounting Head Kit (3/8"-18 NPTF ports) (includes #'s 1-3)
3. 20505	Gasket Kit
4. Replacement Elements (includes #'s 3-5) S3227	10 Micron
5. 30076	Bowl O-ring Kit
6. RK 30475	Clear Bowl Kit (includes #'s 5-7)
7. RK 30476	Self-venting Drain Kit
Additional Parts (not shown) 14345	Installation Instructions

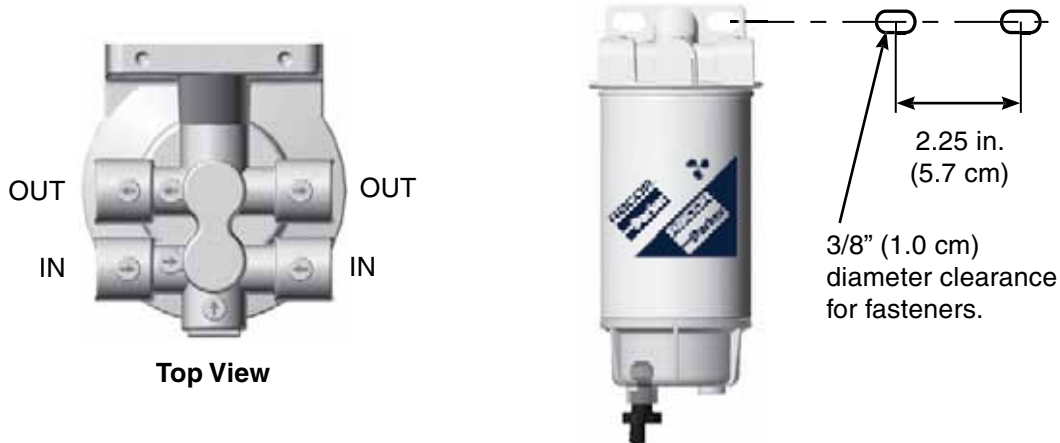


How to Order

(The example below illustrates how a part number is constructed).

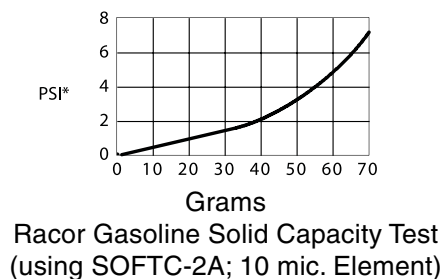
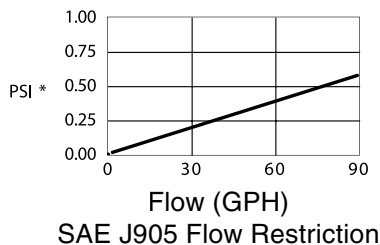
660R-RAC	-01
Basic Model Number	-01 (For Clear Bowl) -02 (For Metal Bowl)

Mounting Information



Test Data

(Test results are from controlled laboratory testing. Field results may vary.)



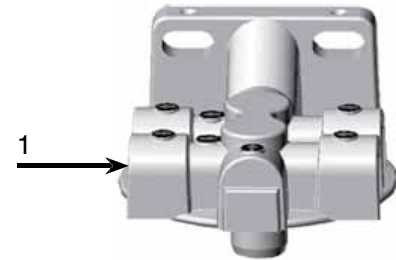
PSI x 2.036 = inHg. (PSI x 6.895 = kPa)

Gasoline Spin-On Series

Replacement Parts

660R-RAC-01 and 660R-RAC-02

<u>Part Number</u>	<u>Description</u>
1. RK 21411	Mounting Head Kit
2. 20707	Gasket Kit
3. Replacement Elements	
S3232	10 Micron
S3232UL	10 Micron (02)
4. RK 22244	Bowl O-ring Kit
5. RK 30475	Clear Bowl Kit
RK 30473-02	Metal Bowl Kit (02)
6. RK 30476	Self-venting Drain Kit
918-N6	Steel Port Plug (02)



Metal Bowl Kit

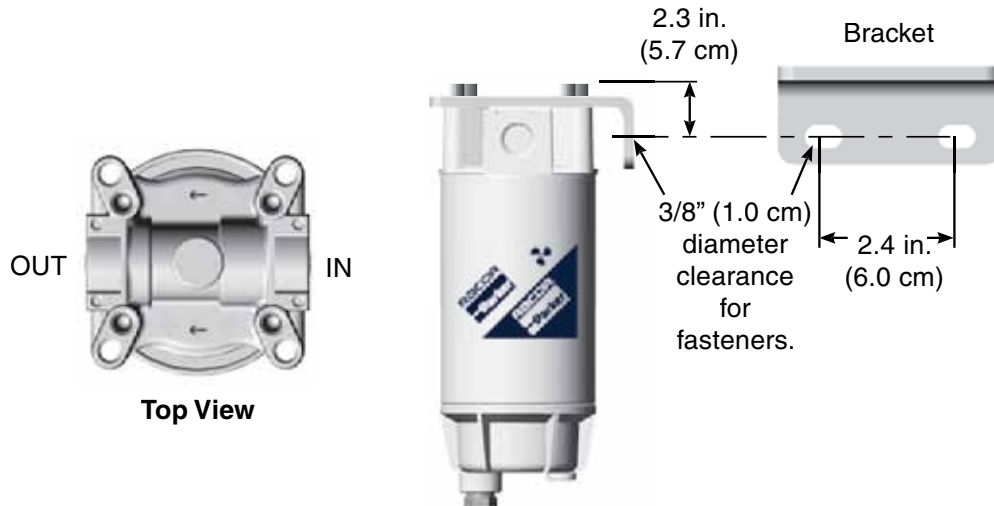


How to Order

(The example below illustrates how a part number is constructed).

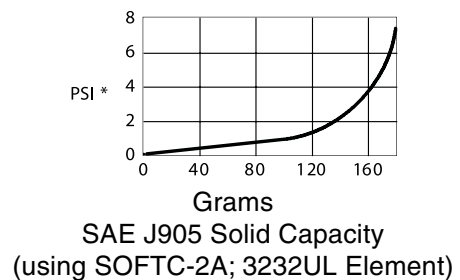
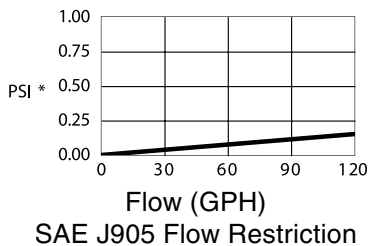
3120R-RAC	-32
Basic Model Number	120 GPH (454 LPH)

Mounting Information



Test Data

(Test results are from controlled laboratory testing. Field results may vary.)



PSI x 2.036 = inHg. (PSI x 6.895 = kPa)

Gasoline Spin-On Series

Replacement Parts

3120R-RAC-32

Part Number	Description
1. 30288-01	Mounting Bracket Kit (includes (4) 3/8"-16x1 fasteners)
2. 30308-01	Mounting Head Kit (includes #3)
3. 30768	Gasket Kit
4. Replacement Element (includes #3 and 5) S3232UL	10 Micron
5. RK 30076	Bowl O-ring Kit
6. RK 30473-02	Metal Bowl Kit (includes #'s 5 and 7)
7. 21430	Steel Plug, 38" NPT
Additional Parts (not shown) 30941	Installation Instructions

