

# Repair kits allow for easy redress in the field.

For long service life, RoNal float valves are easily rebuilt using our convenient repair kits. Each rubber kit includes parts to rebuild two valves; each metal kit includes parts to rebuild one valve.



Model F Plunger

Size	Assembly Part No.	Rubber Repair Kit	Metal Repair Kit
1R	350-R	350.008	350.007
1F-2R	400-R	400.008	400.008
2F-3R	475-R	475.008	475.007
3F	470-R	470.008	470.007
3-1/2IF	476-R	476.008	476.007
4R	650-R	650.008	650.007
5R	720-R	720.008	720.007
5F-6R	800-R	800.008	800.007



Model FGAC

Size	Assembly Part No.	Rubber Repair Kit	Metal Repair Kit
1R	350-FGAC	350.008	350.207C
1F-2R	400-FGAC	400.008	400.207C
2F-3R	475-FGAC	475.008	475.207C
3F	470-FGAC	470.008	470.207C
3-1/2IF	476-FGAC	476.008	476.207C
4R	650-FGAC	650.008	650.207C
5R	720-FGAC	720.008	720.207C
5F-6R	800-FGAC	800.008	800.207C



Model FGA

Size	Assembly Part No.	Rubber Repair Kit	Metal Repair Kit
1R	350-FGA	350.208	350.007
1F-2R	400-FGA	400.208	400.208
2F-3R	475-FGA	475.008	475.207
3F	470-FGA	470.208	470.207
3-1/2IF	476-FGA	476.208	476.207
4R	650-FGA	650.208	650.207
5R	720-FGA	720.208	720.207
5F-6R	800-FGA	800.208	800.207

**Model F, FGAC, and FGA Rubber Repair Kits Include:** 4-Side Seals, 2-Piston Seals, 2-Springs  
**Model F, FGAC, and FGA Metal Repair Kits Include:** 1-Piston, 1-Valve guide, 1-Piston Seal Retainer



Model G Flapper

Size	Assembly Part No.	Rubber Repair Kit	Metal Repair Kit
1F-2R	400-RG	400.109	400.107
2F-3R	475-RG	475.109	475.107
3F	470-RG	470.109	470.107
3-1/2IF	476-RG	476.109	476.107
4R	650-RG	650.109	650.107
5R	720-RG	720.109	720.107
5F-6R	800-RG	800.109	800.107



Model GA Ported Flapper

Size	Assembly Part No.	Rubber Repair Kit	Metal Repair Kit
1F-2R	400-RGA	400.109	400.108
2F-3R	475-RGA	475.109	475.108
3F	470-RGA	470.109	470.108
3-1/2IF	476-RGA	476.109	476.108
4R	650-RGA	650.109	650.108
5R	720-RGA	720.109	720.108
5F-6R	800-RGA	800.109	800.108

**Model G and GA Rubber Repair Kits Include:** 4-Side Seals, 2-Top End Seals, 2-Spring Assemblies, 2-Hinge Pin, 2-Flapper Seals  
**Model G and GA Metal Repair Kits Include:** 1-Flapper, 1-Flapper Seal Retaining Ring, 2-Hinge Pin, 2-Spring Assemblies



Model FBP

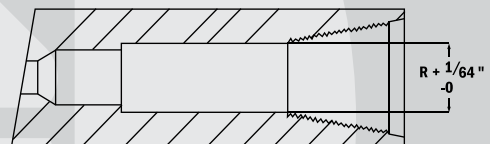
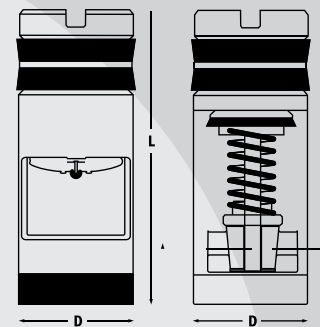
Size	Assembly Part No.	Rubber Repair Kit	Metal Repair Kit
1R			
1F-2R			
2F-3R			
3F			
3-1/2IF	476-FBP	476.008	476.007
4R	650-FBP	650.008	650.007
5R	720-FBP	720.008	720.007
5F-6R	800-FBP	800.008	800.007

**Model FBP Rubber Repair Kits Include:** 4-Side Seals, 2-Piston Seals, 2-Springs  
**Model FBP Metal Repair Kits Include:** 1-Piston, 1-Valve Guide, 1-Piston Seal Retainer

Size	Dimensions				
	D	R	L	ID of Valve	ID of Valve
	Diameter of valve (in.)	Diameter of recess for valve (D+1/32") (in.)	Valve length (in.)	Model F (in.)	Model G (in.)
1R	1-21/32	1-11/16	5-7/8	1	N/A
1F-2R	1-29/32	1-15/16	6-1/4	1-1/4	1
2F-3R	2-13/32	2-7/16	6-1/2	1-9/16	1-1/4
3F	2-13/16	2-27/32	10	1-7/8	1-5/8
3-1/2 IF	3-1/8	3-5/32	10	1-7/8	1-5/8
4R	3-15/32	3-1/2	8-5/16	2-5/16	1-31/32
5R	3-7/8	3-29/32	9-3/4	2-3/4	2-1/4
5F-6R	4-25/32	4-13/16	11-3/4	3-1/4	2-7/8

**The FGAC** features a center-drilled piston to allow filling above the valve to manage hydrostatic pressure in directional drilling applications.

**The FGA** features a tungsten carbide port to allow filling above the valve to manage hydrostatic pressure in directional drilling applications.



**The GA** features a tungsten carbide port to allow filling above the valve to manage hydrostatic pressure in directional drilling applications.

**The FBP** features an integrated baffle plate for landing instrument packages.



## Responsive 24/7 Service

Our fully-stocked inventory ensures fast response to your float valve needs, anywhere in the world. Call or email us for convenient 24/7 order processing.

## RoNal Equipment, Inc.

385 Columbia Memorial Parkway · Kemah, Texas 77565  
 Phone: 281.535.7075 · Fax: 281.538.2957  
 email: sales@ronalequipment.com

www.ronalequipment.com

