



# *FloReg™ Reservoir Control (RC)*

Weatherford's *FloReg* reservoir control (RC) system provides a uniform inflow profile throughout a horizontal wellbore and, if required, shuts off the flow of unwanted fluid into affected sections. This process prevents unwanted fluid flow into the well, enabling the reservoir to drain more efficiently while maximizing production and recovery.

The *FloReg* RC combines Weatherford's *FloReg* inflow control device with ZoneSelect™ monobore sliding-sleeve technology for maximum reservoir management. As production requirements change or the well depletes, flow regulation can be adjusted by selectively closing or opening sleeves.

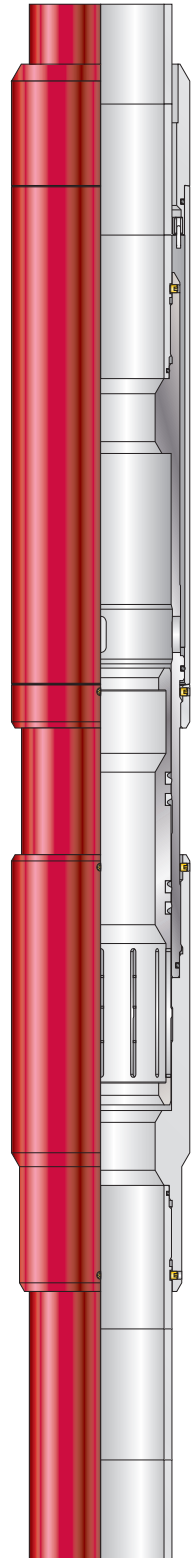
The system can be retrofitted with a range of Weatherford's screens.

## *Applications*

- Wells that require fluid-flow normalization or shut-off capabilities sometime during the well's life
- Wells that require selective injection or production capabilities
- Wells with uncertain distance to oil and gas contacts
- Wells with uncertain permeability distribution and geometry, such as sand thickness and well deviation

## *Features, Advantages and Benefits*

- The *FloReg* RC system offers increased functionality with low technical risk.
- With planned intervention, the RC can be run closed to prevent sand-screen plugging.
- Units can be selectively opened or closed using standard coiled-tubing or wireline-tractor tooling.
- The *FloReg* RC prevents annular hot-spotting by evenly distributing the inflow along the production string.
- Modular architecture can be employed to permit simple integration of annular zonal isolation technologies in any configuration.
- The number of open-flow ports can be adjusted to the prescribed setting, based on the latest data. This procedure is conducted at surface before shipment or on location while the screens are still on the pipe rack, saving valuable rig time.
- *FloReg* RC flow ports are made from tungsten carbide, mitigating flow-induced erosion.





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### *Specifications*

Size (in.)	2-7/8	3-1/2	4	4-1/2	5-1/2	6-5/8
Suitable screen selection	Metal-mesh and wire-wrap screens					
Overall tool length (in./mm)	38.72 983.49					
OD (in./mm)	3.90 99.06	4.75 120.65	5.40 137.16	5.63 143.00	6.90 175.26	8.13 206.50
ID* (in./mm)	2.31 58.67	2.81 71.37	3.31 84.07	3.81 96.77	4.56 115.82	5.50 139.70
Flow port quantity	5	10				
Flow port sizes (in./mm)	1/8 or 3/32 3.175 2.381					
Length of flow port (in./mm)	0.5 12.7					
Flow port material	Tungsten carbide					
Base material and stress intensity (ksi/MPa)	13Cr L80 110 or 80 758 551					
Elastomer material	FKM75					

\*Smaller ID tools are available upon request to suit other standard, shifting, profile data. Contact your Weatherford representative or visit [weatherford.com](http://weatherford.com).