



**RECORDALL COMPOUND SERIES METERS**

<b>SIZES</b>	<b>OPERATING RANGE</b>
2" EL, RD	1/4 to 200 GPM
3"	1/4 to 450 GPM
4"	3/8 to 1000 GPM
6"	3/8 to 2000 GPM

**FEATURES**

Complies with AWWA C702 Standard

Extended high-flow capability

Straight-through flow design for minimum pressure loss

Recordall Transmitter Registers (RTR®) with single billing AMR output signal

Low pressure loss and accuracy drop at crossover

High and low flow leak detectors

Test plugs

Connectivity to AMR technologies

Recordall® is a registered trademark of Badger Meter, Inc.



**BadgerMeter, Inc.**

**RCS-S-1**

9-02

# Physical and Operating Characteristics for Recordall Compound Series Meters

Meter Model	Meter Size (Inches)	Meter Dimensions (Maximum)				Physical Characteristics of Companion Flanges		
		Laying Length (In.)	Width (Inches)	Height (Inches)	Port Holes Center To Base (Inches)	Bolt Holes Circle Diameter (Inches)	Number of Bolt Holes	Bolt Hole Diameter (Inches)
AWWA C-702-86 Compound Standards	2	29 (Max.)	-	-	-	Oval Flange 4 1/2	Oval Flange 2	Oval Flange 3/4
						Round Flange 4 3/4	Round Flange 4	Round Flange 3/4
Recordall Compound Series	2	15 1/4	8	11	3 1/4	Oval Flange 4 1/2	Oval Flange 2	Oval Flange 3/4
						Round Flange 4 3/4	Round Flange 4	Round Flange 3/4
AWWA C702-86 Compound Standards	3	38 (Max.)	-	-	-	6	4	3/4
Recordall Compound Series	3	17	8	11 3/8	3 5/8	6	4	3/4
AWWA C702-86 Compound Standards	4	40 (Max.)	-	-	-	7 1/2	8	3/4
Recordall Compound Series	4	20	10 1/2	15 5/8	4 1/8	7 1/2	8	3/4
AWWA C702-86 Compound Standards	6	52 (Max.)	-	-	-	9 1/2	8	7/8
Recordall Compound Series	6	24	11	16 5/8	5 1/8	9 1/2	8	7/8

AWWA C702-92 Standards

Physical Characteristics of Companion Flanges		Operating Characteristics					
Minimum Flange Thickness (Inches)		Safe Maximum Operating Capacity GPM	Max. Rate For Cont. Duty GPM	Max. Allowable Loss of Head at Safe Max. Oper. Capacity - PSI	Normal Test Flow Rate Limits GPM	Minimum Test Flow Rates GPM	Minimum Accuracy at Crossover
At Bolt Hole	At Hub						
Oval Flange 5/8	Oval Flange 7/8	160	80	20	97-103% Accuracy at 2-160 GPM	95% Min. Accuracy at 1/4 GPM	90%
Round Flange 5/8	Round Flange 7/8						
Oval Flange 5/8	Oval Flange 7/8	200	170	7.2	98.5-101.5% Accuracy at 1/2-200 GPM	95-101.5% Accuracy at 1/4 GPM	97%
Round Flange 5/8	Round Flange 7/8						
3/4	13/16	320	160	20	97-103% Accuracy at 4-320 GPM	95% Min. Accuracy at 1/2 GPM	90%
5/8	7/8	450	400	6.2	98.5-101.5% Accuracy at 1/2-450 GPM	95-101.5% Accuracy at 1/4 GPM	97%
15/16	15/16	500	250	20	97-103% Accuracy at 6-500 GPM	95% Min. Accuracy at 3/4 GPM	90%
15/16	15/16	1000	800	18.0	98.5-101.5% Accuracy at 3/4-1000 GPM	95-101.5% Accuracy at 3/8 GPM	97%
1	19/16	1000	500	20	97-103% Accuracy at 10-1000 GPM	95% Min Accuracy at 1 1/2 GPM	90%
1	19/16	2000	1500	14.0	98.5-101.5% Accuracy at 3/4-2000 GPM	95-101.5% Accuracy at 3/8 GPM	95%



Please see our website at  
**[www.badgermeter.com](http://www.badgermeter.com)**  
for specific contacts.

Copyright © Badger Meter, Inc. 2002. All rights reserved.

Due to continuous research, product improvements and enhancements, Badger Meter reserves the right to change product or system specifications without notice, except to the extent an outstanding bid obligation exists.



**BadgerMeter, Inc.**

P.O. Box 245036, Milwaukee, WI 53224-9536  
(800) 876-3837 / Fax: (888) 371-5982  
[www.badgermeter.com](http://www.badgermeter.com)