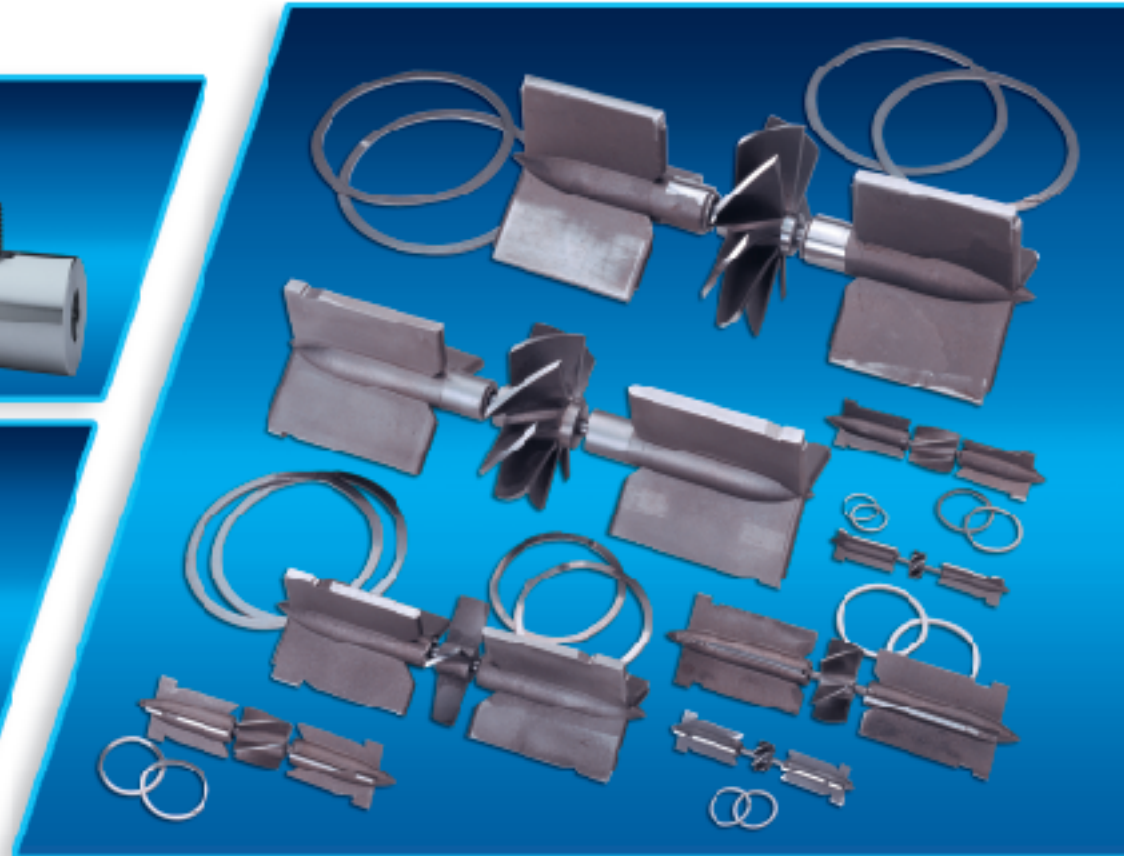


# Blancett®

## Flow Meters



### **Turbine Flow Meter**

### **Repair Kits**

- Installation is quick, simple and requires no special tools
- Prompt "off-the-shelf" delivery on all standard sizes
- All assemblies are tested to operate within predetermined K-factor and accuracy ranges
- Reliable replacement parts ensure long and cost effective operating life
- Repair kits are designed and manufactured for use with Blancett turbines and other flow meters of similar design

**1-800-235-1638 ■ [www.blancett.com](http://www.blancett.com)**

## Introduction

The Blancett turbine flow meter repair kits are designed and manufactured for use with Blancett turbines and other flow meters of similar design. While Blancett repair kits are designed for abrasive waterflood projects and hostile industrial use, their performance in conventional applications is exceptional. Precise manufacturing, rigorous quality control and use of the highest grade materials ensure a long dependable service life, cost effective operation and consistent performance.

All repair kits are factory calibrated and suitable for field service. Installation is quick, simple and requires no special tools. Each kit is supplied with a unique k-factor for use within each turbine's standard flow range. Blancett maintains a large stock on all standard sizes for prompt, off-the-shelf delivery. See ordering information below.

## Model 1100 Turbine Flow Meter Repair Kits

### Ordering Information

Repair Kit Part Number	Model 1100 Part Number	Bore Size	Flow Ranges			Approximate K-Factor Pulse/Gal
			GPM	BPD	M <sup>3</sup> /D	
B251-102	B110-375-1/2	3/8"	0.6 - 3	20 - 100	3.3 - 16	18,000
B251-105	B110-500-1/2	1/2"	0.75 - 7.5	25 - 250	4.1 - 41	13,000
B251-108	B110-750-1/2	3/4"	2 - 15	68 - 515	10.9 - 81.75	3,300
B251-102	B110-375	3/8"	0.6 - 3	20 - 100	3.3 - 16	18,000
B251-105	B110-500	1/2"	0.75 - 7.5	25 - 250	4.1 - 41	13,000
B251-108	B110-750	3/4"	2 - 15	68 - 515	10.9 - 81.75	3,300
B251-109	B110-875	7/8"	3 - 30	100 - 1,000	16 - 160	3,100
B251-112	B111-110	1"	5 - 50	170 - 1,700	27.25 - 272.5	870
B251-116	B111-115	1-1/2"	15 - 180	515 - 6,000	82 - 981	330
B251-116	B111-121	1-1/2"	15 - 180	515 - 6,000	82 - 981	330
B251-120	B111-120	2"	40 - 400	1,300 - 13,000	218 - 2,180	52
B251-131	B111-130	3"	60 - 600	2,100 - 21,000	327 - 3,270	57
B251-141	B111-140	4"	100 - 1,200	3,400 - 41,000	545 - 6,540	29
B251-161	B111-160	6"	200 - 2,500	6,800 - 86,000	1,090 - 13,626	7
B251-181	B111-180	8"	350 - 3,500	12,000 - 120,000	1,363 - 19,076	3
B251-200	B111-200	10"	500 - 5,000	17,000 - 171,000	2,725 - 27,252	1.6

## QuikSert™ Turbine Flow Meter Repair Kits

### Ordering Information

Repair Kit Part Number	QuikSert Part Number	Meter Bore Size x Line Size	Flow Ranges			Apporoximate K-Factor Pulses/Gal
			GPM	BPD	M <sup>3</sup> /D	
B253-102	B131-038	3/8" x 1"	0.6 - 3	20 - 100	3.3 - 16	18,000
B253-105	B131-050	1/2" x 1"	0.75 - 7.5	25 - 250	4.1 - 41	13,000
B253-108	B131-075	3/4" x 1"	2 - 15	68 - 515	10.9 - 81.75	3,300
B253-109	B131-088	7/8" x 1"	3 - 30	100 - 1,000	16 - 160	3,100
B253-112	B131-100	1" x 1"	5 - 50	170 - 1,700	27.25 - 272.5	870
B253-205	B132-050	1/2" x 2"	0.75 - 7.5	25 - 250	4.1 - 41	13,000
B253-208	B132-075	3/4" x 2"	2 - 15	68 - 515	10.9 - 81.75	3,300
B253-209	B132-088	7/8" x 2"	3 - 30	100 - 1,000	16 - 160	3,100
B253-212	B132-100	1" x 2"	5 - 50	170 - 1,700	27.25 - 272.5	870
B253-216	B132-150	1-1/2" - 2"	15 - 180	515 - 6,000	82 - 981	330
B253-220	B132-200	2" x 2"	40 - 400	1,300 - 13,000	218 - 2,180	52
B253-330	B133-300	3" x 3"	60 - 600	2,100 - 21,000	327 - 3,270	57
B253-440	B134-400	4" x 4"	100 - 1,200	3,400 - 41,000	545 - 6,540	29
B253-660	B136-600	6" x 6"	200 - 2,500	6,800 - 86,000	1,090 - 13,626	7
B253-880	B138-800	8" x 8"	350 - 3,500	12,000 - 120,000	1,363 - 19,076	3
B253-990	B139-900	10" x 10"	500 - 5,000	17,000 - 171,000	2,725 - 27,252	1.6

## FloClean™ 3A Turbine Flow Meter Repair Kits

### Ordering Information

Repair Kit Part Number	FloClean Part Number	Clamp Size	Meter Bore Size	Flow Ranges		Apporoximate K-Factor Pulses/Gal
				GPM	LPM	
B16A-K03A	B16A-003A-EFG	3/4"	3/8"	0.6 - 3	2.3 - 11	18,000
B16A-K05A	B16A-005A-EFG	3/4"	1/2"	0.75 - 7.5	3 - 30	13,000
B16A-K07A	B16A-007A-EFG	3/4"	3/4"	2 - 15	7.5 - 57	3,300
B16A-K05A	B16A-105A-EFG	1-1/2"	1/2"	0.75 - 7.5	3 - 30	13,000
B16A-K07A	B16A-107A-EFG	1-1/2"	3/4"	2 - 15	7.5 - 57	3,300
B16A-K08A	B16A-108A-EFG	1-1/2"	7/8"	3 - 30	11 - 110	3,100
B16A-K10A	B16A-110A-EFG	1-1/2"	1"	5 - 50	19 - 190	870
B16A-K15A	B16A-115A-EFG	1-1/2"	1-1/2"	15 - 180	57 - 680	330
B16A-K20A	B16A-220A-EFG	2-1/2"	2"	40 - 400	150 - 1,500	52

## Model 200 Multi-Jet Flow Meter Repair Kits

### Ordering Information

Repair Kit Part Number Complete*	Model 200 Part Number	Description
B250-250	B020-200	Repair Kit Complete, 200, BBL, Buna
B250-252	B021-200	Repair Kit Complete, 200, BBL, Viton®
B250-254	B020-201	Repair Kit Complete, 200, Gal, Buna
B250-256	B021-201	Repair Kit Complete, 200, Gal, Viton®
B250-258	B020-202	Repair Kit Complete, 200, Cubic Meters, Buna
B250-260		Repair Kit Complete, 200, Cubic Meters, Viton®

Repair Kit Part Number Less Register	Model 200 Part Number	Description
B250-251	B020-200	Repair Kit Less Register, 200, BBL, Buna
B250-253	B021-200	Repair Kit Less Register, 200, BBL, Viton®
B250-255	B020-201	Repair Kit Less Register, 200, Gal, Buna
B250-257	B021-201	Repair Kit Less Register, 200, Gal, Viton®
B250-259	B020-202	Repair Kit Less Register, 200, CM, Buna
B250-261		Repair Kit Less Register, 200, CM, Viton®

\*Note: Complete repair kit contains: register, top of seal cup gasket, bottom of measuring element gasket, lid gasket, measuring element, impeller wheel, and cup o-ring.

## Model 900B Impeller-Type Flow Meter Repair Kits

### Ordering Information

Repair Kit Part Number Complete*	Model 900B Part Number	Description
B250-921	B090-900	Repair Kit Complete with Register, 42 Gallon Barrel, Low
B250-925	B090-901	Repair Kit Complete with Register, 42 Gallon Barrel, Mid
B250-923	B090-902	Repair Kit Complete with Register, 42 Gallon Barrel, High
B250-927	B090-904	Repair Kit Complete with Pulse Register, US Gallon
B250-931	B090-906	Repair Kit Complete with Pulse Register, Cubic Meter

Repair Kit Part Number Less Register & Register Gear	Model 900B Part Number	Description
B250-922	B090-900	Repair Kit Less Register & Register Gear, 42 Barrel, Low
B250-926	B090-901	Repair Kit Less Register & Register Gear, 42 Barrel, Mid
B250-924	B090-902	Repair Kit Less Register & Register Gear, 42 Barrel, High
B250-932	B090-904	Repair Kit Less Register & Register Gear, US Gallon
B250-928	B090-906	Repair Kit Less Register & Register Gear, Cubic Meter

\*Note: Complete repair kit contains: register, register gear, magnetic drive, magnetic drive assembly, magnetic drive o-ring, inlet insert, large and small o-rings, and impeller assembly.

## Related Blancett Products

### Model 1100 In-Line Turbine Flow Meter

- Accuracy:  $\pm 1\%$  of reading
- Repeatability:  $\pm 0.1\%$
- Flow ranges from 0.6 - 3 GPM to 500 - 5,000 GPM in line sizes from 1/2" to 10"
- Rugged 316 stainless steel construction
- NIST traceable calibration certificates available



### QuikSert™ In-Line Turbine Flow Meter

- Modified flow straighteners for enhanced fluid dynamics
- Body dimensions allow for installation in confined areas
- "Between the flange" design eliminates the need for mating flanges
- Flow ranges from 0.6 - 3 GPM to 500 - 5,000 GPM in line sizes from 1/2" to 10"
- NIST traceable calibration certificates available
- Optional installation kit available



### FloClean™ 3A Sanitary Turbine Flow Meter

- Meets requirements of 3A sanitary standard number 28-03
- Suitable for clean-out-of-place (COP) and sterilize-out-of-place (SOP) environments
- Tri-clamp mounting configuration in sizes 3/4" to 2-1/2"
- Accuracy:  $\pm 1\%$  of reading



# Blancett®

Flow Meters

Division of Racine Federated Inc.

■ 8635 Washington Avenue, Racine, WI 53406-3738 U.S.A.

■ Toll Free: 1-800-235-1638 Tel: 1-262-639-6770 Fax: 1-262-639-2267

■ E-mail: [info@blancett.com](mailto:info@blancett.com)

© 2005 Blancett Printed in USA 2/05 Form No. 4300

Blancett is a registered trademark of Racine Federated Inc.

FloClean is a trademark of Racine Federated Inc.

QuikSert is a trademark of Racine Federated Inc.

Viton is a registered trademark of DuPont Dow Elastomers.