

# CONTRACT SUMMARY

CITY OF FORT LAUDERDALE  
PROCUREMENT SERVICES DEPARTMENT

**Period Covered:**  
12/7/10 – 12/6/11

**Contract No.:**  
413-10569-2

**Master Blanket:**  
N/A

**Awarded Vendor:**

HD Supply, Inc.  
4310 NW 10 Avenue  
Oakland Park, FL 33309

Delivery: 3-21 Days  
Payment Terms: Net 30

Attn: Susan Helms  
954-772-7343  
Fax 954-772-0443  
Email: [susan.helms@hdsupply.com](mailto:susan.helms@hdsupply.com)

Insurance Coverage Required: Yes  No   
Authorized for Purchases: Under \$25,000  Over   
City Commission Approval: 12/7/10 Pur-05 CAR 10-1661  
Extension Options: Yes  No  Years: 3, 1 year extensions

\*\*\*\*\*

**WATER METERS – GROUP II AND IV**

Group II – Cold Water Meter Compound Type, Sensus	
4"	\$ 2,235.00 / each
6"	\$ 3,860.00 / each
8"	\$ 8,742.35 / each
Group IV – Fire Service Water Meter Assemblies, Sensus	
4"	\$ 5,300.00 / each
6"	\$ 7,070.00 / each
8"	\$ 13,230.00 / each
10"	\$ 15,880.00 / each

\*\*\*\*\*

Department Contract Co-Ordinator: Bob Bucher, Public Works, (954) 828-7877

Procurement Specialist: Robert McKenney, CPPB

THIS AGREEMENT, made and entered into this 21 day of Jan, 2011, is by and between the City of Fort Lauderdale, a Florida municipality, ("City"), whose address is 100 North Andrews Avenue, Fort Lauderdale, FL 33301-1016, and HD Supply, Inc., a Delaware corporation ("Contractor") authorized to transact business in the State of Florida, whose address and phone are 4310 NW 10 Avenue, Oakland Park, FL 33309, Phone 954-772-7343, Fax: 954-772-0443.

WHEREAS, the City issued Invitation to Bid Number 413-10569 ("ITB"), and the Contractor submitted a bid in response to the ITB; and

WHEREAS, on December 7, 2010, the City Commission of the City of Fort Lauderdale approved an agreement with Contractor for the goods or services described in the ITB (Pur-05, CAR No. 10-1661),

NOW, THEREFORE, for and in consideration of the mutual promises and covenants set forth herein and other good and valuable consideration, the City and the Contractor covenant and agree as follows:

1. The Contractor agrees to provide to the City Water Meters, Groups II and IV in accordance with and in strict compliance with the specifications, terms, conditions, and requirements set forth in the ITB and any and all addenda thereto beginning December 7, 2010 and ending December 6, 2011.

2. This contract form G-110 Rev. 01/10, the ITB, any and all addenda to the ITB, and the Contractor's proposal in response to the ITB are integral parts of this Contract, and are incorporated herein.

3. In the event of conflict between or among the contract documents, the order of priority shall be as follows:

- First, this contract form, G-110 Rev. 01/10;
- Second, any and all addenda to the City's ITB in reverse chronological order;
- Third, the ITB;
- Fourth, the Contractor's response to any addendum requiring a response;
- Fifth, the Contractor's response to the ITB.

4. The Company warrants that the goods and services supplied to the City pursuant to this Contract shall at all times fully conform to the specifications set forth in the ITB and be of the highest quality. In the event the City, in the City's sole discretion, determines that any product or service supplied pursuant to this Contract is defective or does not conform to the specifications set forth in the ITB the City reserves the right unilaterally to cancel an order or cancel this Contract upon written notice to the Contractor, and reduce commensurately any amount of money due the Contractor.

5. The City may cancel this Contract upon written notice to the Contractor in the event the Contractor fails to furnish the goods or perform the services as described in the ITB within 30 days following written notice to the Contractor.

6. The Contractor shall not present any invoice to the City that includes sales tax (85-8012514506C-7) or federal excise tax (59-6000319).

7. Contractor shall direct all invoices in duplicate for payment to Finance Department, City of Fort Lauderdale, 100 N. Andrews Avenue, 6th Floor, Fort Lauderdale, FL 33301. Any applicable discount MUST appear on the invoice.

IN WITNESS WHEREOF, the City and the Contractor execute this Contract as follows:

CITY OF/FORT LAUDERDALE

By: [Signature]  
Director of Procurement Services

ATTEST

By: \_\_\_\_\_

Print Name: \_\_\_\_\_

(CORPORATE SEAL) PIA

Supplier  
CONTRACTOR

By: [Signature]

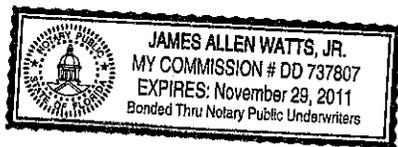
Print Name: Lynn M Rzeska

Title: District Manager  
(If not president of corporation  
please attach proof of authorization)

STATE OF FLORIDA  
COUNTY OF BROWARD

The foregoing instrument was acknowledged before me this 17<sup>th</sup> day of January, 2010, by Lynn Rzeska as (title): SEFL Regional Manager for HD Supply, Inc., a Delaware corporation authorized to transact business in the State of Florida.

(SEAL)



[Signature]

Notary Public, State of \_\_\_\_\_  
(Signature of Notary Public)

James Allen Watts, Jr.  
(Print, Type, or Stamp Commissioned Name  
of Notary Public)

Personally Known X OR Produced Identification \_\_\_\_\_  
Type of Identification Produced \_\_\_\_\_

**CONTRACT  
COPY**

**HD Supply Waterworks, Ltd.**

Bid Contact **Susan Helms**  
**susan.helms@hdsupply.com**  
**Ph 407-893-9002**  
**Fax 407-893-7376**

Address **501 W. Church Street**  
**Orlando, FL 32805**

Supplier Code 00023494

Item #	Line Item	Notes	Unit Price	Qty/Unit	Total Price	Attch.	Docs
413-10569-1-01	Group I: Cold Water Positive Displacement Meter, 5/8"	<b>Supplier Product Code: Make and Model: Sensus SRII</b>	<b>First Offer - \$38.15</b>	1200 / each	<b>\$45,780.00</b>	<b>Y</b>	<b>Y</b>
413-10569-1-02	Group I: Cold Water Positive Displacement Meters 3/4"	<b>Supplier Product Code: Make and Model: Sensus SRII</b>	<b>First Offer - \$70.00</b>	500 / each	<b>\$35,000.00</b>		<b>Y</b>
413-10569-1-03	Group I: Cold Water Positive Displacement Meter 1"	<b>Supplier Product Code: Make and Model: Sensus SRII</b>	<b>First Offer - \$100.00</b>	1200 / each	<b>\$120,000.00</b>		<b>Y</b>
413-10569-1-04	Group I: Cold Water Positive Displacement Meter 1 1/2"	<b>Supplier Product Code: Make and Model: Sensus SR</b>	<b>First Offer - \$295.00</b>	200 / each	<b>\$59,000.00</b>		<b>Y</b>
413-10569-1-05	Group I: Cold Water Positive Displacement Meter 2"	<b>Supplier Product Code: Make and Model: Sensus SR</b>	<b>First Offer - \$435.00</b>	200 / each	<b>\$87,000.00</b>		<b>Y</b>

Lot Total **\$346,780.00**

Item #	Line Item	Notes	Unit Price	Qty/Unit	Total Price	Attch.	Docs
413-10569-2-01	Group II: Cold Water Meter Compound Type, 4"	<b>Supplier Product Code: Make and Model: Sensus</b>	<b>First Offer - \$2,235.00</b>	8 / each	<b>\$17,880.00</b>		<b>Y</b>

Omni C2

413-10569-2-02	Group II: Cold Water Meter Compound Type, 6"	<b>Supplier Product Code: Make and Model:</b> Sensus Omni C2	<b>First Offer - \$3,860.00</b>	5 / each	<b>\$19,300.00</b>	<b>Y</b>
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413-10569-2-03	Group II: Cold Water Meter Compound Type, 8"	<b>Supplier Product Code: Make and Model:</b> Sensus Omni C2	<b>First Offer - \$8,742.35</b>	1 / each	<b>\$8,742.35</b>	<b>Y</b>
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Lot Total **\$45,922.35**

Item #	Line Item	Notes	Unit Price	Qty/Unit	Total Price	Attch. Docs
413-10569-3-01	Group III: Cold Water Multi-Jet Meters 5/8"	<b>Supplier Product Code: Make and Model:</b> Sensus PMM	<b>First Offer - \$34.07</b>	1200 / each	<b>\$40,884.00</b>	<b>Y</b>
413-10569-3-02	Group III: Cold Water Multi-Jet Meters 3/4"	<b>Supplier Product Code: Make and Model:</b> Sensus PMM	<b>First Offer - \$41.67</b>	1200 / each	<b>\$50,004.00</b>	<b>Y</b>
413-10569-3-03	Group III: Cold Water Multi-Jet Meters 1"	<b>Supplier Product Code: Make and Model:</b> Sensus PMM	<b>First Offer - \$75.97</b>	1200 / each	<b>\$91,164.00</b>	<b>Y</b>
413-10569-3-04	Group III: Cold Water Multi-Jet Meters 1 1/2"	<b>Supplier Product Code: Make and Model:</b> Sensus PMM	<b>First Offer - \$187.57</b>	300 / each	<b>\$56,271.00</b>	<b>Y</b>
413-10569-3-05	Group III: Cold Water Multi-Jet Meters 2"	<b>Supplier Product Code: Make and Model:</b> Sensus PMM	<b>First Offer - \$271.84</b>	300 / each	<b>\$81,552.00</b>	<b>Y</b>

Lot Total **\$319,875.00**

Item #	Line Item	Notes	Unit Price	Qty/Unit	Total Price	Attch. Docs
413-10569-4-01	Group IV:Fire Service Water Meter Assemblies, 4"	<b>Supplier Product Code: Make and Model:</b> Sensus F2	<b>First Offer - \$5,300.00</b>	1 / each	<b>\$5,300.00</b>	<b>Y</b>
413-10569-4-02	Group IV:Fire Service Water Meter Assemblies, 6"	<b>Supplier Product Code: Make and Model:</b> Sensus F2	<b>First Offer - \$7,070.00</b>	8 / each	<b>\$56,560.00</b>	<b>Y</b>
413-10569-4-03	Group IV:Fire Service Water Meter Assemblies, 8"	<b>Supplier Product Code: Make and Model:</b> Sensus W3500 with 160 By-Pass	<b>First Offer - \$13,230.00</b>	1 / each	<b>\$13,230.00</b>	<b>Y</b>
413-10569-4-04	Group IV:Fire Service Water Meter Assemblies, 10"	<b>Supplier Product Code: Make and Model:</b> Sensus W5500 with 160 By-Pass	<b>First Offer - \$15,880.00</b>	1 / each	<b>\$15,880.00</b>	<b>Y</b>

Lot Total **\$90,970.00**

Item #	Line Item	Notes	Unit Price	Qty/Unit	Total Price	Attch. Docs
413-10569-5-01	Group V: Cold Water Meter, Fire Hydrant, 3"	<b>Supplier Product Code: Make and Model:</b> Sensus 125W FH with Coupling	<b>First Offer - \$835.00</b>	100 / each	<b>\$83,500.00</b>	<b>Y</b>

Lot Total **\$83,500.00**

Supplier Total

**\$887,047.35**

**HD Supply Waterworks, Ltd.**

Item: **Group I: Cold Water Positive Displacement Meter, 5/8"**

**Attachments**

City of Ft. Lauderdale Insurance Certificate

City of Ft. Lauderdale Specification for Sensus Part 1

City of Ft. Lauderdale Specification for Sensus Part 2

City of Ft. Lauderdale List Price Sheet for Sensus



# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)  
10/22/2010

**PRODUCER**  
MARSH USA, INC.  
TWO ALLIANCE CENTER  
3560 LENOX ROAD, SUITE 2400  
ATLANTA GA 30305

THIS CERTIFICATION IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

775978-HD-GAWX-10-11      WATE

**INSURERS AFFORDING COVERAGE**

**INSURED**  
HD SUPPLY, INC.  
CUMBERLAND CENTER II  
3100 CUMBERLAND BOULEVARD  
ATLANTA, GA 30339

INSURER A: Illinois National Ins Co	23817
INSURER B: New Hampshire Ins Company	23841
INSURER C: National Union Fire Ins Co Pittsburgh PA	19445
INSURER D:	
INSURER E:	

**COVERAGES**

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR ADD'L LTR	INSRD	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YYYY)	POLICY EXPIRATION DATE (MM/DD/YYYY)	LIMITS
C		<b>GENERAL LIABILITY</b> <input checked="" type="checkbox"/> <b>COMMERCIAL GENERAL LIABILITY</b> <input type="checkbox"/> CLAIMS MADE <input checked="" type="checkbox"/> OCCUR GENERAL AGGREGATE LIMIT APPLIES PER <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC	4360819	08/30/2010	08/30/2011	EACH OCCURRENCE \$ 2,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 250,000 MED EXP (Any one person) \$ 50,000 PERSONAL & ADV INJURY \$ 2,000,000 GENERAL AGGREGATE \$ 5,000,000 PRODUCTS - COMPROP AGG \$ 4,000,000
C		<b>AUTOMOBILE LIABILITY</b>	3976506 (AOS)	08/30/2010	08/30/2011	COMBINED SINGLE LIMIT (Ea accident) \$ 5,000,000
B		<input checked="" type="checkbox"/> ANY AUTO	3976507 (MA)	08/30/2010	08/30/2011	BODILY INJURY (Per person) \$
C		<input type="checkbox"/> ALL OWNED AUTOS	3976508 (VA)	08/30/2010	08/30/2011	BODILY INJURY (Per accident) \$
		<input type="checkbox"/> SCHEDULED AUTOS				PROPERTY DAMAGE (Per accident) \$
		<input type="checkbox"/> HIRED AUTOS				
		<input type="checkbox"/> NON-OWNED AUTOS				
		<input checked="" type="checkbox"/> SELF INSURED AUTO				
		<input type="checkbox"/> PHYSICAL DAMAGE				
		<b>GARAGE LIABILITY</b>				AUTO ONLY - EA ACCIDENT \$
		<input type="checkbox"/> ANY AUTO				OTHER THAN EA ACC \$
						AUTO ONLY: AGG \$
		<b>EXCESS / UMBRELLA LIABILITY</b>				EACH OCCURRENCE \$
		<input type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS MADE				AGGREGATE \$
		<input type="checkbox"/> DEDUCTIBLE				\$
		<input type="checkbox"/> RETENTION \$				\$
B		<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b>	026149331 (AOS)	08/30/2010	08/30/2011	<input checked="" type="checkbox"/> WC STATUTORY LIMITS <input type="checkbox"/> OTHER
C		ANY PROPRIETOR/PARTNER/EXECUTIVE Y/N OFFICER/MEMBER EXCLUDED? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N	026149332 (CA)	08/30/2010	08/30/2011	E.L. EACH ACCIDENT \$ 1,000,000
A			026149333 (FL)	08/30/2010	08/30/2011	E.L. DISEASE - EA EMPLOYEE \$ 1,000,000
B		(Mandatory in NH) If yes describe under SPECIAL PROVISIONS below	026149334 (TX)	08/30/2010	08/30/2011	E.L. DISEASE - POLICY LIMIT \$ 1,000,000
B		<b>OTHER WORKERS COMPENSATION</b>	026149335 (KY,MA,MO,ND OH,UT,WA WI WV WY)	08/30/2010	08/30/2011	

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/EXCLUSIONS ADDED BY ENDORSEMENT/SPECIAL PROVISIONS  
 RE: BID NUMBER: 413-10569  
 THE CITY OF FORT LAUDERDALE IS INCLUDED AS AN ADDITIONAL INSURED IF REQUIRED BY WRITTEN CONTRACT ON THE ABOVE GENERAL LIABILITY POLICY, BUT ONLY WITH RESPECT TO LIABILITY ARISING OUT OF THE OPERATIONS OF THE NAMED INSURED. SUBJECT TO THE TERMS, CONDITIONS AND LIMITATIONS OF THE GENERAL LIABILITY POLICY ABOVE CONTRACTUAL LIABILITY INSURANCE IS INCLUDED IN THE GENERAL LIABILITY POLICY

**CERTIFICATE HOLDER** ATL-002325450-01

**CANCELLATION**

CITY OF FORT LAUDERDALE  
 PROCUREMENT SERVICES DEPARTMENT  
 100 N ANDREWS AVENUE, ROOM 619  
 FT LAUDERDALE, FL 33301

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE of Marsh USA Inc.  
 Donna Clamplitt

ACORD 25 (2009/01)

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**IMPORTANT**

If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

**DISCLAIMER**

This Certificate of Insurance does not constitute a contract between the issuing insurer(s), authorized representative or producer, and the certificate holder, nor does it affirmatively or negatively amend, extend or alter the coverage afforded by the policies listed thereon

<b>ADDITIONAL INFORMATION</b>		ATL-002325450-01	DATE (MM/DD/YY) 10/22/2010
<b>PRODUCER</b> MARSH USA, INC. TWO ALLIANCE CENTER 3560 LENOX ROAD, SUITE 2400 ATLANTA GA 30305			
775978-HD-GAWX-10-11      WATE		<b>INSURERS AFFORDING COVERAGE</b>	<b>NAIC #</b>
<b>INSURED</b> HD SUPPLY, INC. CUMBERLAND CENTER II 3100 CUMBERLAND BOULEVARD ATLANTA GA 30339		INSURER F:	
		INSURER G:	
		INSURER H:	
		INSURER I:	

**TEXT**

\*\*\*HD SUPPLY INSUREDS\*\*\*

HD Supply, Inc. Entity List

HD Supply, Inc.  
 HDS Holding Corporation  
 HD Supply Holdings, LLC  
 HD Supply Holdings, LLC f/k/a Hughes Holdings, LLC  
 HD Supply Utilities Group, Inc.  
 HD Supply Utilities Group, Inc. f/k/a Hughes Utilities Group, Inc.  
 HD Supply Facilities Maintenance Group, Inc.  
 HD Supply Facilities Maintenance Group, Inc. f/k/a Hughes MRO Group, Inc.  
 HD Supply Plumbing/HVAC Group, Inc.  
 HD Supply Plumbing/HVAC Group, Inc. f/k/a Apex Supply Company, Inc.  
 HD Supply Construction Supply Group, Inc.  
 HD Supply Construction Supply Group, Inc. f/k/a White Cap Industries, Inc.  
 HD Supply Waterworks Group, Inc.  
 HD Supply Waterworks Group, Inc. f/k/a National Waterworks, Inc.  
 Utility Supply of America, Inc.  
 Utility Supply of America, Inc. d/b/a USA Bluebook  
 White Cap Construction Supply, Inc.  
 White Cap Construction Supply, Inc. d/b/a Greenwald Industrial Products Company, Inc.  
 White Cap Construction Supply, Inc. d/b/a Southwest Rebar Fabricators & Accessories, Inc.  
 White Cap Construction Supply, Inc. d/b/a Texas Contractors Supply, LP  
 Brafasco Holdings II, Inc.  
 Brafasco Holdings, Inc.  
 HD Supply Distribution Services, LLC  
 HD Supply Distribution Services, LLC f/k/a Crown Bolt, LLC  
 HD Supply Repair & Remodel, LLC  
 HD Supply Repair & Remodel, LLC f/k/a HD Supply Supply Repair & Remodel, LLC f/k/a Contractors' Warehouse, LLC  
 Southwest Stainless, L.P.  
 Southwest Stainless, L.P. f/k/a Southwest Stainless, LP  
 Southwest Stainless, L.P. d/b/a HD Supply Industrial PVF  
 HD Supply Electrical, Ltd.  
 HD Supply Electrical, Ltd. f/k/a Hughes Electric Supply, Ltd.  
 HD Supply Utilities, Ltd.  
 HD Supply Utilities, Ltd. f/k/a Hughes Utilities, Ltd.  
 HD Supply Facilities Maintenance, Ltd.  
 HD Supply Facilities Maintenance, Ltd. f/k/a Hughes MRO, Ltd.  
 HD Supply Facilities Maintenance, Ltd. f/k/a Maintenance Warehouse  
 HD Supply Plumbing/HVAC, Ltd.  
 HD Supply Plumbing/HVAC, Ltd. f/k/a Hughes Plumbing Supply, Ltd.  
 HD Supply Construction Supply, Ltd.  
 HD Supply Construction Supply, Ltd. f/k/a Hughes Building Materials, Ltd.  
 HD Supply Construction Supply, Ltd. d/b/a White Cap  
 HD Supply Construction Supply, Ltd. f/k/a Western Fasteners, LLC  
 HD Supply Waterworks, Ltd.  
 HD Supply Waterworks, Ltd. f/k/a Hughes Water & Sewer, Ltd.  
 Williams Bros. Lumber Company, LLC  
 HD Builder Solutions Group, Inc.

**CERTIFICATE HOLDER**

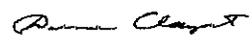
CITY OF FORT LAUDERDALE PROCUREMENT SERVICES DEPARTMENT 100 N ANDREWS AVENUE, ROOM 619 FT LAUDERDALE FL 33301	AUTHORIZED REPRESENTATIVE of Marsh USA Inc. Donna Clampitt 
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<b>ADDITIONAL INFORMATION</b>		ATL-002325450-01	DATE (MM/DD/YY) 10/22/2010
<b>PRODUCER</b> MARSH USA, INC. TWO ALLIANCE CENTER 3560 LENOX ROAD, SUITE 2400 ATLANTA GA 30305			
775978-HD-GAWX-10-11	WATE	<b>INSURERS AFFORDING COVERAGE</b>	<b>NAIC #</b>
<b>INSURED</b> HD SUPPLY, INC. CUMBERLAND CENTER II 3100 CUMBERLAND BOULEVARD ATLANTA GA 30339		INSURER F:	
		INSURER G:	
		INSURER H:	
		INSURER I:	

**TEXT**

HD Supply Fasteners & Tools Inc  
 HD Supply Fasteners & Tools, Inc f/k/a C & J Fasteners Inc  
 Cox Lumber Co.  
 Sunbelt Supply Canada. Inc  
 Sunbelt Supply Canada, Inc. f/k/a Hughes Canada Inc.  
 HD Supply GP & Management Inc  
 HD Supply GP & Management Inc. f/k/a Hughes GP & Management Inc  
 HD Supply Management Inc.  
 HD Supply Management, Inc. f/k/a Hughes Supply Management, Inc  
 World-Wide Travel Network, Inc.  
 HSI IP, Inc.  
 Madison Corner, LLC  
 Marden Susco, Inc  
 Park-Emp, LLC  
 ProValue, LLC  
 HD Supply International Holdings, Inc.  
 HD Supply International Holdings II Inc.  
 HD Supply Belgium, SA  
 HD Supply India Private Limited  
 HD Supply India Limited  
 Pro Canadian Holdings I, ULC  
 HD Supply Canada, Inc  
 HD Supply Support Services, Inc  
 HD Supply Support Services Inc f/k/a Hughes Supply Shared Services Inc.  
 HDS IP Holding, LLC  
 Intra-Power, LLC  
 NHDSA, LLC  
 NHDSA Holdings, LLC  
 HD Supply Construction Supply, Ltd., d/b/a HD Supply White Cap Construction Supply  
 Southwest Stainless LP, dba Sunbelt Supply  
 Solbelt Supply Southwest, S A de C V

**CERTIFICATE HOLDER**

CITY OF FORT LAUDERDALE PROCUREMENT SERVICES DEPARTMENT 100 N ANDREWS AVENUE, ROOM 619 FT LAUDERDALE, FL 33301	AUTHORIZED REPRESENTATIVE of Marsh USA Inc. Donna Clampitt 
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MJ-350-R1

# PMM® Water Meters

Multi-Jet Type Magnetic Drive Cold Water Meters

5/8" (DN 15mm), 3/4" (DN 20mm) and 1" (DN 25mm) Sizes

## DESCRIPTION

**Applications:** Measurement of cold water where flow is in one direction only; in residential, commercial and industrial services.

**Conformance To Standards:** Sensus PMM Water Meters comply with ANSI/AWWA Standard C708, latest revision. Each meter is tested to insure compliance.

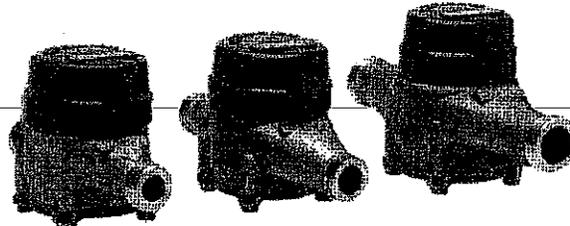
**Construction:** Sensus PMM Water Meters consist of three basic components: main case; measuring chamber; and sealed register. Main cases are of bronze with externally-threaded spuds. Registers are housed in synthetic polymer ring and lid, a bronze bonnet, is available as an option. Measuring chambers are made of Polystyrene, Nylon, and Polycarbonate. They are corrosion-resistant, tailored thermoplastic material formulated for long-term performance and especially suitable for aggressive water conditions. Main case bottom plates are available in bronze

**Sealed Register:** Hermetically sealed; proven magnetic drive design eliminates dirt and moisture contamination, tampering and lens fogging problems. Standard register includes a straight-reading, odometer-type totalization display; a 360° test circle with center sweep hand; and a low flow (leak) detector. Gears are self-lubricating, molded plastic for long life and minimum friction. No change gears are required for accuracy calibration. Encoder-type remote reading systems are available for all PMM Water Meters. (See other side of sheet for additional information.)

**Tamperproof Features:** A unique locking system prevents customer removal of the register to obtain free water. A special tool, available only to water utilities, is required to remove the register ring. When the optional bronze register bonnet is selected, a tamper detection seal is available.

**Magnetic Drive:** The PMM features a hydrodynamically cushioned design that eliminates premature wear of components. The meter utilizes a patented positive, reliable drive coupling. The high-strength magnets used will eliminate "drive slip" in normal use and also provide adequate strength to drive remote register units.

**Operation:** Water flows through the meter's strainer and into the measuring chamber where it drives the impeller. The impeller has a sapphire bearing and is balanced on a tungsten-based titanium stainless steel shaft. The drive magnet transmits the rotation of the impeller to a drive magnet located within the hermetically sealed register. The drive magnet is



5/8" PMM®  
(DN 15mm)

3/4" PMM®  
(DN 20mm)

1" PMM®  
(DN 25mm)



1,000 gallons



100 cubic feet



1 cubic meter

connected to the register gear train. It reduces the impeller's rotation into volume totalization units displayed on the register dial face.

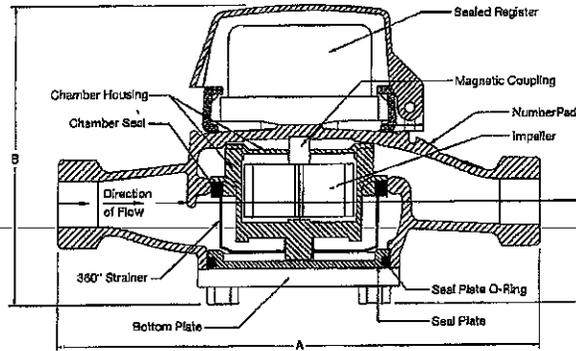
**Maintenance:** Sensus PMM Water Meters are engineered to provide long-term value and virtually maintenance-free operation. Simplicity of design and precise machining of components allows interchangeability of parts of like-size meters, reduced parts inventory requirements, and ease of maintenance. The register can be removed without relieving the water pressure or removing the case from the installation.

As an alternative to utility repair, Sensus offers maintenance programs to provide factory reconditioning of the main case and replacement component at low fixed prices. See bulletin MJ-299.

**Connections:** Tailpieces/Unions for installing the meters on a variety of pipe types and sizes are available.

**AMR / AMI Systems:** Meters and encoders are compatible with current Sensus AMR/AMI systems.

**Guarantee:** Sensus PMM Water Meters are backed by "The Sensus Guarantee." Ask your Sensus representative for details or see Bulletin G-500.



**DIMENSIONS AND NET WEIGHTS**

Meter Size	A	B	C	Width	Net Weight
5/8" (DN 15mm)	7-1/2" (190mm)	4-3/4" (121mm)	1-5/8" (41mm)	3-3/4" (96mm)	4 lbs (1.8 kg)
5/8" x 3/4" (DN 15mm x 33mm)	7-1/2" (190mm)	4-3/4" (121mm)	1-5/8" (41mm)	3-3/4" (96mm)	4 lbs (1.8 kg)
3/4" Short (DN 20mm)	7-1/2" (190mm)	4-3/4" (121mm)	1-5/8" (41mm)	3-3/4" (96mm)	4 lbs (1.8 kg)
3/4" (DN 20mm)	9" (229mm)	4-3/4" (121mm)	1-5/8" (41mm)	3-3/4" (96mm)	4.5 lbs (2 kg)
3/4" x 1" (DN 20mm x 42mm)	9" (229mm)	4-3/4" (121mm)	1-5/8" (41mm)	3-3/4" (96mm)	4.5 lbs (2 kg)
1" (DN 25mm)	10-3/4" (273mm)	5-1/4" (133mm)	2-1/4" (57mm)	5-1/4" (133mm)	7 lbs (3.2 kg)

**SPECIFICATIONS**

<b>SERVICE</b>	Measurement of cold water with flow in one direction only.
<b>NORMAL OPERATING FLOW RANGE<sup>1</sup></b>	5/8" (DN 15mm) size: 1 to 20 gal/min. (0.25 to 4.5 m <sup>3</sup> /h) 3/4" (DN 20mm) size: 2 to 30 gal/min. (0.45 to 7.0 m <sup>3</sup> /h) 1" (DN 25mm) size: 3 to 50 gal/min. (0.7 to 11.0 m <sup>3</sup> /h)
<b>ACCURACY</b>	100% ± 1.5% of actual thruput in normal flow range.
<b>LOW FLOW REGISTRATION</b>	5/8" size: 97% at 1/4 gal/min. (0.06 m <sup>3</sup> /h) 3/4" size: 97% at 1/2 gal/min. (0.10 m <sup>3</sup> /h) 1" size: 97 at 3/4 gal/min (0.15 m <sup>3</sup> /h)
<b>MAXIMUM PRESSURE LOSS</b>	5/8" size: 14.0 psi at 20 gal/min. (0.5 bar at 4.5 m <sup>3</sup> /h) 3/4" size: 14.0 psi at 30 gal/min. (0.6 bar at 7.0 m <sup>3</sup> /h) 1" size: 14.0 psi at 50 gal/min. (0.5 bar at 11.0 m <sup>3</sup> /h)
<b>MAXIMUM OPERATING PRESSURE</b>	150 psi (10.0 bar)
<b>MEASURING ELEMENT</b>	Multi-Jet
<b>REGISTER</b>	Straight reading, hermetically sealed magnetic drive Remote reading unit optional

<b>REGISTRATION</b>	10 gallons 1 cubic foot or 0.01 m <sup>3</sup> /sweep hand revolution 10,000,000 gallons, 1,000,000 cubic feet or 10,000 m <sup>3</sup> capacity. 6 odometer wheels
<b>METER CONNECTIONS<sup>2</sup></b>	5/8" (DN 15mm) size: 3/4" (26.44mm) threads 5/8" x 3/4" (DN 15mm x 33mm) size: 1" (33.25) threads 3/4" (DN 20mm) size: 1" (33.25) threads 3/4" x 1" (DN 20mm x 42mm) size: 1-1/4" (41.91mm) threads 1" (DN 25mm) size: 1-1/4" (41.91mm) threads (All threads are straight pipe, external type conforming to ANSI B2.1)
<b>MATERIALS</b>	Maincase — Bronze Register box — synthetic polymer (standard), Bronze (optional) Measuring chamber — Nylon, Polycarbonate Bottom plate — Bronze Magnets — Ceramic material Casing bolts — Stainless steel Strainer — Synthetic polymer

<sup>1</sup> Maximum rates listed are for intermittent flow only. Maximum continuous flow rates as specified by AWWA are: 5/8" (DN 15mm) — 10 gal/min (2.3 m<sup>3</sup>/h), 3/4" (DN 20mm) — 15 gal/min (3.4 m<sup>3</sup>/h) 1" (DN 25mm) — 25 gal/min (5.7 m<sup>3</sup>/h)

<sup>2</sup> Unless otherwise noted, 5/8" size and 5/8" x 3/4" characteristics are identical. (5/8" x 3/4" designates 5/8" with 3/4" connection thread.) Also unless otherwise noted 3/4" size and 3/4" x 1" size characteristics are identical. (3/4" x 1" designates 3/4" with 1" connection thread.) Metric designation is the normal bore x the outside diameter

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PD-300-R2

# SR II<sup>®</sup> Meters

Displacement Type Magnetic Drive Cold Water Meters

## 5/8" (DN 15mm), 3/4" (DN 20mm) and 1" (DN 25mm) Sizes

### DESCRIPTION

**Applications:** Measurement of cold water where flow is in one direction only; in residential, commercial and industrial services.

**Conformance To Standards:** Sensus SR II Water Meters comply with ANSI/AWWA Standard C700-latest revision. Each meter is tested to insure compliance.

**Construction:** Sensus SR II Water Meters consist of three basic components: maincase; measuring chamber; and sealed register. Maincases are of bronze with externally-threaded spuds. Registers are housed in a bronze bonnet, a bonnet of synthetic polymer is available as an option. Measuring chambers are of Rocksyn<sup>®</sup> a corrosion-resistant, tailored thermoplastic material formulated for long-term performance and especially suitable for aggressive water conditions. Maincase bottom plates are available in bronze or, if frost protection is desired, in cast iron or synthetic polymer<sup>1</sup>.

**Sealed Register:** Hermetically sealed; proven magnetic drive design eliminates dirt and moisture contamination, tampering and lens fogging problems. Standard register includes a straight-reading, odometer-type totalization display; a 360° test circle with center sweep hand; and a low flow (leak) detector. Gears are self-lubricating, molded plastic for long life and minimum friction.

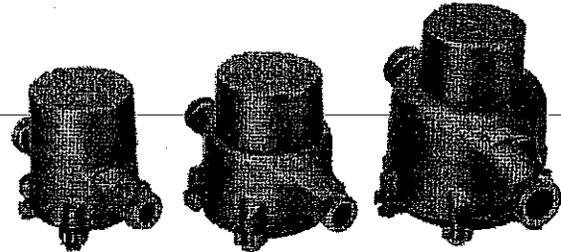
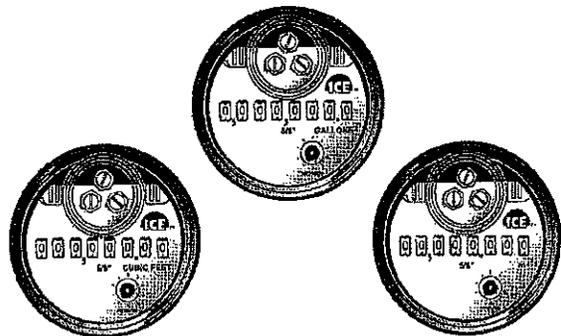
No change gears are required for accuracy calibration. Encodertype remote reading systems are available for all SR II Water Meters. (See other side of sheet for additional information )

**Tamperproof Features:** A unique locking system prevents customer removal of the register to obtain free water. A special tool, available only to water utilities, is required to remove the register bonnet.

**Magnetic Drive:** The SR II features a hydrodynamically cushioned design that eliminates premature wear of components. The meter utilizes a patented positive, reliable drive coupling. The high-strength magnets used will eliminate "drive slip" in normal use and also provide adequate strength to drive remote register units.

**Operation:** Water flows through the meter's strainer and into the measuring chamber where it drives the piston. The hydrodynamically balanced piston oscillates around a central hub, guided by the division plate.

A drive magnet transmits the motion of the piston to a driven magnet located within the hermetically sealed register. The driven magnet is connected to the register gear train. It reduces the piston oscillations into volume totalization units displayed on the register dial face.

5/8" (DN 15mm) SR II<sup>®</sup>1" (DN 25mm) SR II<sup>®</sup>3/4" (DN 20mm) SR II<sup>®</sup>

5/8" AMR System Dials Shown

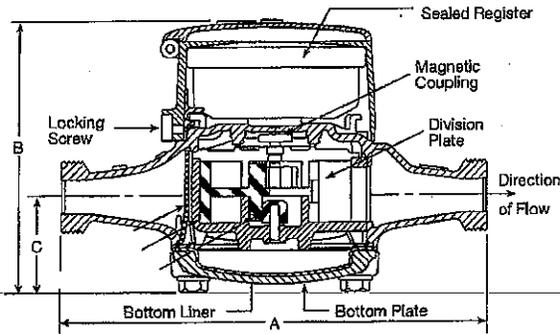
**Maintenance:** Sensus SR II Water Meters are engineered to provide long-term value and virtually maintenance-free operation. Simplicity of design and precise machining of components allows interchangeability of parts of like-size meters, reduced parts inventory requirements, and ease of maintenance. The register can be removed without relieving the water pressure or removing the maincase from the installation.

As an alternative to utility repair, Sensus offers maintenance programs to provide factory reconditioning of the maincase and replacement components at low fixed prices. See bulletin PD-299.

**Connections:** Tailpieces/Unions for installing the meters on a variety of pipe types and sizes are available.

**AMR / AMI Systems:** Meters and encoders are compatible with current Sensus AMR/AMI systems

**Guarantee:** Sensus SR II Water Meters are backed by "The Sensus Guarantee." Ask your Sensus representative for details or see Bulletin G-500.



**DIMENSIONS AND NET WEIGHTS**

Meter Size	A	B	C	Width	Net Weight <sup>1</sup>
5/8" (DN 15mm)	7-1/2" (190mm)	5.0" (127mm)	1-3/4" (44mm)	3-7/8" (98mm)	4.3 lb. (1.97 kg)
5/8" x 3/4" (DN 15mm x 33mm)	7-1/2" (190mm)	5.0" (127mm)	1-3/4" (44mm)	3-7/8" (88mm)	4.4 lb. (2.0 kg)
3/4" (DN 20mm)	9" (229mm)	5-1/2" (140mm)	2-3/16" (56mm)	4-1/2" (114mm)	6.4 lb. (2.90 kg)
3/4" x 1" (DN 20mm x 42mm)	9" (229mm)	5-1/2" (140mm)	2-3/16" (56mm)	4-1/2" (114mm)	6.6 lb. (2.99 kg)
3/4" short (DN 20mm)	7-1/2" (190mm)	5-1/2" (140mm)	2-3/16" (56mm)	4-1/2" (114mm)	6.2 lb. (2.81 kg)
1" (DN 25mm)	10-3/4" (273mm)	6-9/16" (167mm)	2-7/16" (62mm)	6-1/2" (165mm)	11.9 lb. (5.4 kg)

<sup>1</sup> With Rocksyn<sup>®</sup> measuring chamber

**SPECIFICATIONS**

<b>SERVICE</b>	Measurement of cold water with flow in only one direction.
<b>NORMAL OPERATING FLOW RANGE <sup>2</sup></b>	5/8" (DN 15mm) size: 1 to 20 gal/min. (0.25 to 4.5 m <sup>3</sup> /h) 3/4" (DN 20mm) size: 2 to 30 gal/min. (0.45 to 7.0 m <sup>3</sup> /h) 1" (DN 25mm) size: 3 to 50 gal/min. (0.7 to 11.0 m <sup>3</sup> /h)
<b>ACCURACY</b>	100% ± 1.5% of actual thruput
<b>LOW FLOW REGISTRATION</b>	5/8" size: 95% at 1/4 gal/min. (0.06 m <sup>3</sup> /h) 3/4" size: 95% at 1/2 gal/min. (0.10 m <sup>3</sup> /h) 1" size: 95% at 3/4 gal/min (0.15 m <sup>3</sup> /h)
<b>MAXIMUM PRESSURE LOSS</b>	5/8" size: 7.0 psi at 20 gal/min (0.5 bar at 4.5 m <sup>3</sup> /h) 3/4" size: 9.0 psi at 30 gal/min. (0.6 bar at 7.0 m <sup>3</sup> /h) 1" size: 7.3 psi at 50 gal/min (0.5 bar at 11.0 m <sup>3</sup> /h)
<b>MAXIMUM OPERATING PRESSURE</b>	150 psi (10.0 bar)
<b>MEASURING ELEMENT</b>	Oscillating piston
<b>REGISTER</b>	Straight reading, hermetically sealed, magnetic drive Remote reading unit optional
<b>REGISTRATION</b>	10 gallons, 1 cubic foot or 0.01 m <sup>3</sup> or 0.1 m <sup>3</sup> /sweep hand revolution. 10,000,000 gallons, 1,000,000 cubic feet or 100,000 m <sup>3</sup> capacity. 6 odometer wheels

<b>METER CONNECTIONS <sup>3</sup></b>	5/8" (DN 15mm) size: 3/4" (26.44mm) threads 5/8" x 3/4" (DN 15mm x 33mm) size: 1" (33.25) threads 3/4" (DN 20mm) size: 1" (33.25 threads) 3/4" x 1" (DN 20mm x 42mm) size: 1-1/4" (41.91mm) threads 1" (DN 25mm) size: 1-1/4" (41.91mm) threads (All threads are straight pipe, external type conforming to ANSI B1.20.1 or ISO R228, if specified.)
<b>MATERIALS</b>	Maincase—Bronze Register box—Bronze (standard), synthetic polymer (optional) Measuring chamber—Rocksyn <sup>®</sup> Bottom plate—Bronze cast iron or synthetic polymer <sup>1</sup> Magnets—Plasticized material Casing bolts—Stainless steel Strainer—Synthetic polymer

<sup>1</sup> Synthetic polymer maincase bottom plate available on 5/8" meter only  
<sup>2</sup> Maximum rates listed are for intermittent flow only. Maximum continuous flow rates as specified by AWWA are: 5/8" (DN 15mm)—10 gal/min (2.3 m<sup>3</sup>/h) 3/4" (DN 20mm)—15 gal/min (3.4 m<sup>3</sup>/h) 1" (DN 25mm)—25 gal/min (5.7 m<sup>3</sup>/h)  
<sup>3</sup> Unless otherwise noted, 5/8" size and 5/8" x 3/4" characteristics are identical. (5/8" x 3/4" designates 5/8" with 3/4" connection thread.) Also unless otherwise noted 3/4" size and 3/4" x 1" size characteristics are identical. (3/4" x 1" designates 3/4" with 1" connection thread.)  
Metric designation is the normal bore x the outside diameter

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# Series "W" Water Meters

Model 125-W

## Fire Hydrant Meter Aluminum Case, Magnetic Drive Size 3" (DN 80mm)

### DESCRIPTION

**Model:** 125-W Fire Hydrant Meter is based on the turbine principle of measurement; its operating range is from 10 to 350 gallons per minute (2.3 to 70 m<sup>3</sup>/h) with registration accuracy of 100% ± 1.5% of actual thruput.

**Performance:** The meter is intended for measuring water from a fire hydrant or other non-permanent installations. The meter comes equipped with standard fire hose swivel couplings and a register lid locking hasp as standard equipment.

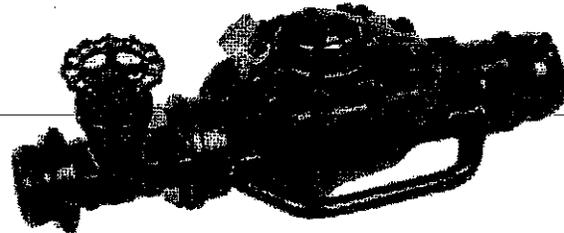
**Construction:** The meter consists of two basic assemblies—the lightweight aluminum maincase and the measuring chamber. Straightening vanes in the maincase minimize the swirl upstream of the meter so as to direct the flow evenly to the rotor. The measuring chamber assembly includes the rotor, a calibration vane which eliminates the need for calibration change gears, and a permanently, hermetically sealed, Direct Reading (DR) register. An orifice plate positioned at the rear of the maincase limits the maximum flow of water through the meter to protect it from over-speeding which could occur when the outflow exits to atmosphere.

**Magnetic Drive:** The Right Angle Magnetic Drive eliminates conventional worm or miter gears normally required for horizontally mounted rotors or turbine measuring elements. Registration is accomplished by combining the magnetic actions of a driver magnet (embedded in the rear face of the rotor), a three-legged flux carrier and a cylindrical follower magnet attached to the gear train shaft inside the register's magnet well. Water flowing through the meter causes the rotor (with magnet) to turn; as one of the magnet poles passes one of the flux carrier legs, the magnetic force is transmitted through the flux carrier leg to the follower magnet, causing the register shaft to rotate. The only moving part in water is the rotor assembly.

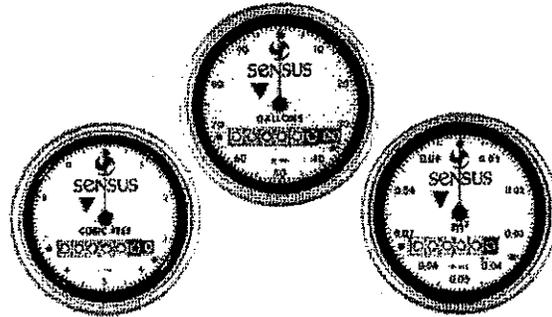
**Rotor:** The thermoplastic rotor with a graphite bearing rotates on a chrome plated stainless steel shaft. The rotor assembly is virtually weightless in water, thus adding to bearing life.

**Installation:** Because the meter is accuracy and pressure tested prior to shipment, no field adjustments are required. For proper accuracy, the meter must have an input of a full flow of liquid.

**Maintenance:** If necessary, the measuring chamber can be removed from the maincase for maintenance without having to remove the maincase from the installation. Either a spare measuring chamber or a cover plate can be used if water service must be maintained.

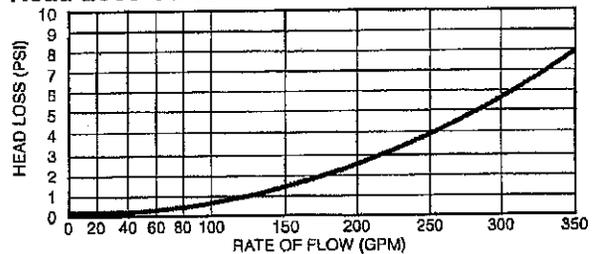


Model 125-W Fire Hydrant Meter  
(Shown with optional outlet gate valve and register locked for security)

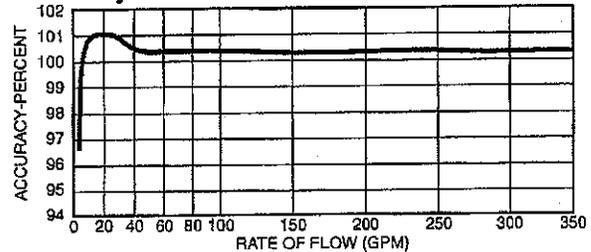


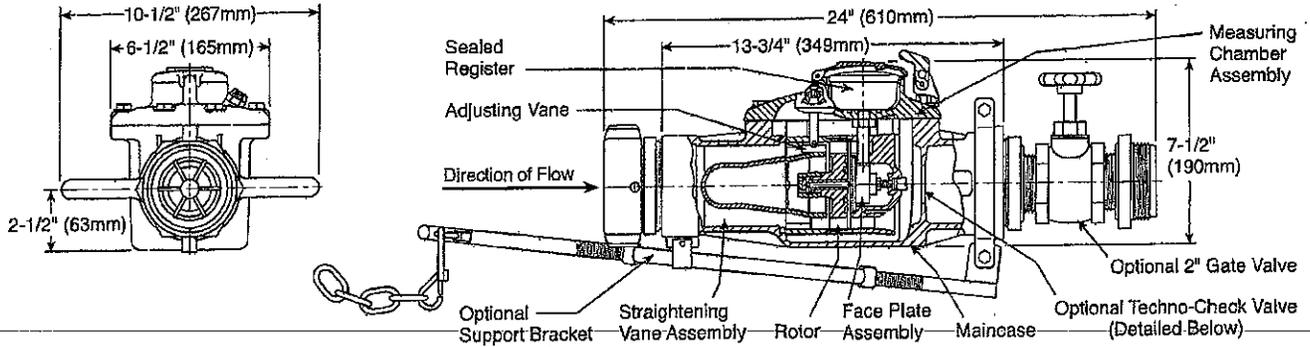
Direct Reading Registers

### Head Loss Curve



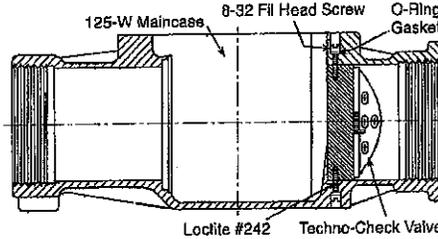
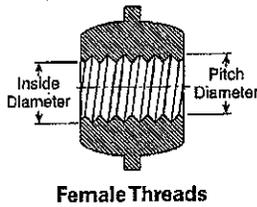
### Accuracy Curve





2-1/2" - 7-1/2 NSTThreads or 2-1/2" - 5 CSAThreads Standards (Other optional special threads available upon request.)

**SPECIFICATIONS FOR SPECIAL FIRE HOSE COUPLING THREADS**



**Techno-Check Valve**

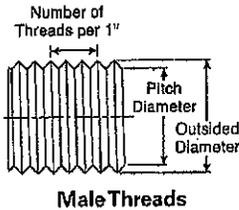
The Techno-Check Valve is a reverse flow protection device for the model 125-W fire hydrant meter. It is a factory installed add-on only. Shown installed in the meter's outlet port (A) and removed (B).

**Required Information**

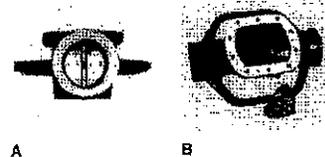
1. Number of threads per inch and thread form, if other than American National Standard or Canadian Standards Association.
2. Outside diameter of male threads.
3. Pitch diameter of male threads.
4. Inside diameter of female threads.
5. Pitch diameter of female threads.

**Weight**

Meter Only Net	18 lbs. (10 kg)
Meter Only Shipping	22 lbs. (12 kg)
Meter & Fittings Net	26 lbs. (13.6 kg)
Meter & Fittings Shipping	30 lbs. (15.4 kg)



Male Threads



**SPECIFICATIONS**

<b>SERVICE</b>	Measurement of cold water up to 80°F (27°C) with flow in one direction only
<b>OPERATING FLOW RANGE<sup>1</sup></b>	Continuous Flows: 10-350 gpm (2.3 to 70 m <sup>3</sup> /h) Intermittent Flows: 400 gpm max. (90 m <sup>3</sup> /h)
<b>ACCURACY</b>	100% ± 1.5% of actual thruput
<b>LOW FLOW</b>	95% at 6 gpm (1.4 m <sup>3</sup> /h)
<b>PRESSURE LOSS</b>	8 psi at 350 gpm (0.6 bar at 80 m <sup>3</sup> /h)
<b>MAXIMUM OPERATING PRESSURE</b>	150 psi (10.0 bar)
<b>HOSE COUPLINGS</b>	2-1/2"-7-1/2 NST threads (7/8" - 3.4mm) (National Standard Fire Hose Coupling Thread) furnished unless otherwise specified. Complete thread specifications must be furnished for special fire hose fittings.
<b>REGISTER</b>	Hermetically Sealed Direct Reading Register with Low Flow Indicator
<b>METER REGISTRATION</b>	100,000,000 gallons 100 gallons/sweep hand revolution 10,000,000 cubic feet 10 cubic feet/sweep hand revolution 100,000 m <sup>3</sup> 0.1 m <sup>3</sup> /sweep hand revolution

<b>MATERIALS</b>	Maincase—Cast Aluminum Alloy Measuring Chamber—Thermoplastic Straightening Vanes—Thermoplastic Rotor—Thermoplastic Radial Bearing—Graphite Thrust Bearings—Tungsten Carbide Magnets—Ceramic Flow Tube—Thermoplastic
<b>OPTIONS</b>	Available with: Stainless steel internal strainer on inlet hose connection Gate valve on outlet end Techno-Check reverse flow protection device Adjustable support rod assembly Blank cover for maincase Available without: Fire hose fittings assembled
<b>FLOW RESTRICTION</b>	Limits flow thru meter to 400 gpm at 60 psi (90 m <sup>3</sup> /h at 4 bar)

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OMNI-414-R1

OMNI<sup>™</sup> C<sup>2</sup>4" OMNI C<sup>2</sup> Meter

## DESCRIPTION

**Model:** The OMNI C<sup>2</sup> meter operation is based on advanced Floating Ball Technology (FBT) with an operating range of .75 GPM (.17 m<sup>3</sup>/hr) @ 95% min. to 1000 GPM (227 m<sup>3</sup>/hr) @ 100% +/- 1.5% registration of actual throughput. The meter is also rated for continuous flows up to 800 GPM (182 m<sup>3</sup>/hr).

**Conformance to Standards:** The OMNI C<sup>2</sup> meter meets and far exceeds the most recent revision of ANSI / AWWA Standard C701 and C702 class II. Additionally, the meter does not require a valve to meet these standards. Each meter is performance tested to ensure compliance. All OMNI meters are NSF Approved to the latest standards.

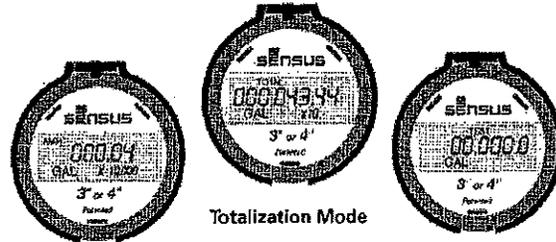
**Performance:** The patented measurement principles of the OMNI C<sup>2</sup> meter assure enhanced accuracy ranges, an overall greater accuracy, and a longer service life than any other comparable class meter produced. The C<sup>2</sup> meter has no restrictions as to sustained flow rates within its continuous operating range. The floating ball measurement technology allows for flows up to its rated maximum capacity without undue wear or accuracy degradation.

**Construction:** The C<sup>2</sup> meter consists of two basic assemblies; the maincase and the measuring chamber. The measuring chamber assembly includes the "floating ball" impeller with a coated titanium shaft, hybrid axial bearings, integral flow straightener and an all electronic programmable register with protective bonnet. The maincase is made from industry proven Ductile Iron with an approved NSF epoxy coating. Maincase features are; easily removable measuring chamber, unique chamber seal to the maincase using a high pressure o-ring, testing port and a convenient integral strainer.

**OMNI Electronic Register:** The C<sup>2</sup> electronic register is hermetically sealed with electronic pickup containing no mechanical gearing. The large character LCD displays AMR, Totalization and a Resettable Test Totalizer. OMNI register features; AMR resolution units that are fully programmable, Pulse output frequency that are fully programmable, Integral customer data logging capability, Integral resettable accuracy testing feature compatible with AR-5000 Testing Assistant Program, Large, easy-to-read LCD also displays both forward and reverse flow directions and all with a 10-year battery life guarantee.

**Magnetic Drive:** Meter registration is achieved by utilizing a fully magnetic pickup system. This is accomplished by the magnetic actions of the embedded rotor magnets and the ultra sensitive register pickup probe. The only moving component in water is the "floating ball" impeller.

**Measuring Element:** The revolutionary thermoplastic, hydrodynamically balanced impeller floats between the bearings. The Floating Ball Technology (FBT) allows the measuring element to operate virtually without friction

4" OMNI C<sup>2</sup>

AMR/AMI Mode

Totalization Mode

Resettable Test Mode

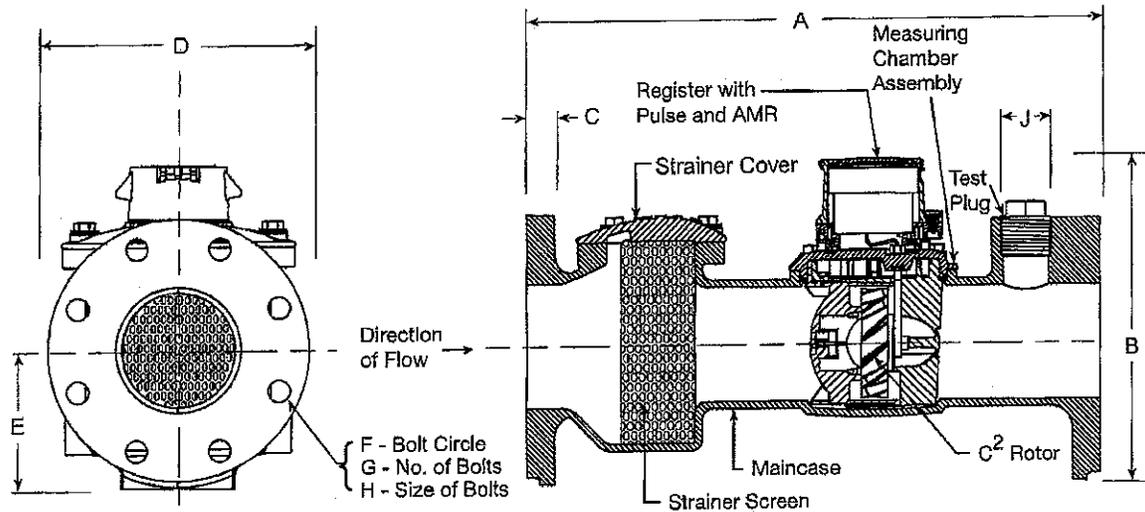
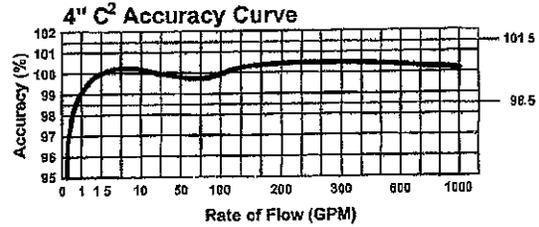
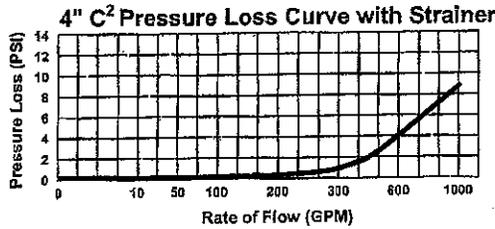
or wear, thus creating the extended upper and lower flow ranges capable on only the OMNI C<sup>2</sup> meter.

**Strainer:** The OMNI C<sup>2</sup> with the "V" shaped integral strainer using a stainless steel screen along with Floating Ball Technology (FBT) create a design that gives far improved accuracy even in those once thought questionable settings. A removable strainer cover permits easy access to the screen for routine maintenance. Optional drain ports, located at the back lower corners of the strainer body, allow for easy discharging of debris without the need to remove the cover.

**Maintenance:** The OMNI C<sup>2</sup> meter is designed for easy maintenance. Should any maintenance be required, the measuring chamber and / or strainer cover can be removed independently. Parts and or a replacement measuring chamber may be utilized in the event repairs are needed. Replacement and Measuring Chamber Exchange are available under the Sensus MMP Program for the C<sup>2</sup> meters and this program may also be utilized for retrofitting to competitive meters to achieve increased accuracy and extended service life.

**AMR / AMI Systems:** Meters and encoders are compatible with current Sensus AMR/AMI systems.

**Guarantee:** Sensus OMNI C<sup>2</sup> Meters are backed by "The Sensus Guarantee." Ask your Sensus representative for details or see Bulletin G-500.



**DIMENSIONS AND NET WEIGHTS**

Meter and Pipe Size	Normal Operating Range		Connections	Dimensions								Net Weight	Shipping Weight	
	Operating Range	Connections		A	B	C	D	E	F	G	H			J
4" DN 100mm	.75 gpm 17 m <sup>3</sup> /hr	1000 gpm 227 m <sup>3</sup> /hr	Flanged	20"	11-3/16"	15/16"	9-1/8"	4-3/4"	7-1/2"	8	5/8"	1-1/2"	84.9 lbs 28.44 kg	72.8 lbs 33.02 kg

**SPECIFICATIONS**

<b>SERVICE</b>	Measure of potable water. Operating temperature range of 33°F (56°C) – 150°F (65.6°C).
<b>OPERATING RANGE</b>	100% ± 1.5% from 1.5 – 1000 GPM (.34 - 227 m <sup>3</sup> /hr)
<b>LOW FLOW</b>	95% – 101.5% @ .75 GPM (17 m <sup>3</sup> /hr)
<b>MAXIMUM CONTINUOUS OPERATION</b>	800 GPM (182 m <sup>3</sup> /hr)
<b>MAXIMUM INTERMITTENT OPERATION</b>	1000 GPM (227 m <sup>3</sup> /hr)
<b>PRESSURE LOSS</b>	6.4 psi @ 800 GPM (51 bar @ 182 m <sup>3</sup> /hr)
<b>MAXIMUM OPERATING PRESSURE</b>	200 PSI (13.8 bar)

<b>FLANGE CONNECTIONS</b>	4" U.S. ANSI B16.1 / AWWA Class 125	
<b>REGISTER</b>	Fully electronic sealed register with programmable registration (Gal./Cu.Ft./ Cu. Mtr. / Imp. Gal. / Acre Ft.) Programmable AMR/AM reading and pulse outputs Guaranteed 10 year battery life	
<b>NSF APPROVED MATERIALS</b>	<b>Maincase:</b>	Coated Ductile Iron
	<b>Measuring Chamber:</b>	Thermoplastic
	<b>Rotor "Floating Ball":</b>	Thermoplastic
	<b>Radial Bearings:</b>	Hybrid Thermoplastic
	<b>Thrust Bearings:</b>	Sapphire/Ceramic Jewel
	<b>Magnets:</b>	Ceramic Magnet
	<b>Strainer Screen:</b>	Stainless Steel
	<b>Strainer Cover:</b>	Coated Ductile Iron
	<b>Test Plug:</b>	Coated Ductile Iron

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PD-847-R1

# SR<sup>®</sup> Meters

Displacement Type Magnetic Drive Cold Water Meters

## 1-1/2" (DN 40mm) and 2" (DN 50mm) Sizes

### DESCRIPTION

**Applications:** Measurement of cold water where flow is in one direction; in residential, commercial and industrial services.

**Conformance To Standards:** Sensus Sealed Register Water Meters comply with ANSI/AWWA Standard C700, latest revision. Each meter is tested to insure compliance.

**Construction:** Sensus SR Water Meters consist of three basic components: maincase; measuring chamber; permanently, hermetically-sealed register. Maincases are of bronze with either flanges or internally-threaded spuds. Measuring chambers are of Rocksyn<sup>®</sup>, a corrosion-resistant thermoplastic material. Bronze measuring chambers are available as an option.

**Sealed Register:** Permanently, hermetically sealed; proven magnetic drive design; with integral tamper-proof locking device. Guaranteed for 25 years. The standard register includes a straightreading, odometer-type totalization display; a 360° test circle with center sweep hand; and a low flow (leak) detector. Gears are selflubricating, molded plastic for long life and minimum friction. The hermetic sealing of the register eliminates dirt and moisture, tampering, and lens fogging problems.

No change gears are required for accuracy calibration. Encodertype remote reading systems are available for all SR Water Meters. (See back of sheet for additional information.)

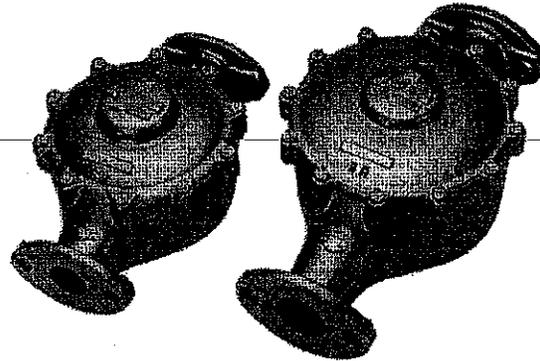
**Tamperproof Features:** Removing the register to obtain free water is prevented by a locking device inside the meter. Removing the register requires a special tool that is available only to water utilities.

**Magnetic Drive:** The unique design of the direct magnetic drive is a positive, reliable, dependable drive coupling, proven in millions of SR Water Meters.

**Operation:** Water flows through the meter's strainer and into the measuring chamber where it operates the piston. The piston, which moves freely, oscillates around a central hub, guided by the rubber-coated division plate.

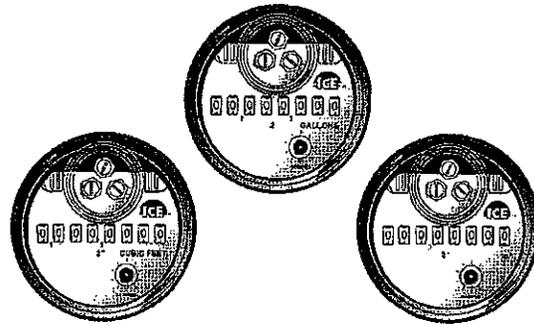
A drive magnet, incorporated in the piston, rotates around the outside of the hermetically sealed register well and magnetically drives the "follower" magnet sealed within the well. The "follower" magnet drives a crank connected to the register gear train, which translate the number of piston oscillations into volume totalization units displayed on the register face.

**Maintenance:** Sensus Sealed Register Water Meters are engineered to provide long-term value and virtually maintenance-free operation because of their design simplicity and interchangeability of modules. Sensus SR



1-1/2" SR<sup>®</sup>  
(DN 40mm)

2" SR<sup>®</sup>  
(DN 50mm)



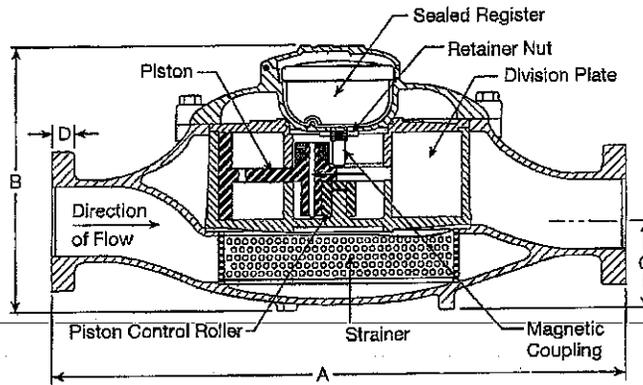
2" (DN 50mm) Dials Shown

Water Meters are easy to repair, even without removing the maincase from the installation. As an alternate to repair by the utility, Sensus offers various maintenance programs which provide factory reconditioning of the maincase and replacement of components at low fixed prices.

**Connections:** Tailpieces/Companion Flanges for installing the meters on a variety of pipe and sizes are available as an option. For flanged meters, the use of a Smith-Blair Model 926 Flanged Coupling Adapter is recommended to facilitate the installation and any future removal of the meter from the line.

**AMR / AMI Systems:** Meters and encoders are compatible with current Sensus AMR/AMI systems.

**Guarantee:** Sensus SR<sup>®</sup> Water Meters are backed by "The Sensus Guarantee." Ask your Sensus representative for details, or see Bulletin G-500.



**DIMENSIONS AND NET WEIGHTS**

Meter Size	Connections	A	B	B'	C	D	Width	Bolt Circle	Number of Bolts	Bolt Size	Net Weight <sup>1</sup>
1-1/2" (DN 40mm)	Flanged	13 (330mm)	6-7/8 (175mm)	8-3/4' (222mm)	2-21/32 (68mm)	5/8 (16mm)	8-3/4 (222mm)	4 (102mm)	2	5/8 (16mm)	26 lbs. (12 kg)
	Screwed	12-5/8 (322mm)	6-7/8 (175mm)	8-3/4" (222mm)	2-21/32 (68mm)	N/A <sup>2</sup>	8-3/4 (222mm)	N/A <sup>2</sup>	N/A <sup>2</sup>	N/A <sup>2</sup>	23 lbs. (10.5 kg)
2" (DN 50mm)	Flanged	17 (432mm)	7-17/32 (192mm)	9-3/8' (238mm)	2-5/8 (67mm)	5/8 (16mm)	9-11/16 (246mm)	4-1/2 (115mm)	2	3/4 (19mm)	42 lbs. (19 kg)
	Screwed	15-1/4 (388mm)	7-17/32 (192mm)	9-3/8" (238mm)	2-5/8 (67mm)	N/A <sup>2</sup>	9-11/16 (246mm)	N/A <sup>2</sup>	N/A <sup>2</sup>	N/A <sup>2</sup>	37 lbs. (17 kg)

<sup>1</sup> With Rocksyn measuring chamber. Meter is available with either flanged or screwed end connections. Flanged end meter illustrated to show oval flange and bolt pattern. End connection threads:  
<sup>2</sup> 1-1/2" (DN 40mm)—1-1/2" N.P.T. Internal Threads or 1-1/2" ISO R-7 International Threads, if specified  
<sup>3</sup> 2" (DN 50mm)—2" N.P.T. Internal Threads or 2" ISO R-7 International Threads, if specified  
<sup>4</sup> The measurement to the top of a TRUPL on an ICE register

**SPECIFICATIONS**

<b>SERVICE</b>	Measurement of cold water with flow in only one direction.
<b>NORMAL OPERATING FLOW RANGE<sup>1</sup></b>	1-1/2" (DN 40mm) size: 5 to 100 gal/min. (1.1 to 23.0 m <sup>3</sup> /h) 2" (DN 50mm) size: 8 to 160 gal/min. (1.8 to 36.0 m <sup>3</sup> /h)
<b>ACCURACY</b>	100% ± 1.5% of actual thruput
<b>LOW FLOW REGISTRATION</b>	1-1/2" (DN 40mm) size: 95% at 1-1/2 gal/min. (0.35 m <sup>3</sup> /h) 2" (DN 50mm) size: 95% at 2 gal/min. (0.45 m <sup>3</sup> /h)
<b>MAXIMUM PRESSURE LOSS</b>	1-1/2" (DN 40mm) size: 11.4 psi at 100 gal/min (0.8 bar at 23.0 m <sup>3</sup> /h) 2" (DN 50mm) size: 12.1 psi at 160 gal/min (0.8 bar at 36.0 m <sup>3</sup> /h)
<b>MAXIMUM OPERATING PRESSURE</b>	150 psi (10.0 bar)
<b>MEASURING ELEMENT</b>	Oscillating piston
<b>REGISTER</b>	Straight reading, hermetically sealed, magnetic drive with low flow indicator. Remote reading unit optional.
<b>REGISTRATION</b>	100,000,000 gallons, 100 gallon/sweep hand revolution 10,000,000 cubic feet 10 cubic feet/sweep hand revolution 100,000 m <sup>3</sup> 0.1 m <sup>3</sup> /sweep hand revolution

<b>METER CONNECTIONS<sup>2</sup></b>	1-1/2" (DN 40mm) size: two bolt oval flanged spuds or 1-1/2" (DN 47.80mm) internal pipe threads 2" (DN 50mm) size: two bolt oval flanged spuds or 2" (59.61mm) internal pipe threads (Threads are tapered pipe, internal type, conforming to ANSI B1.20.1 or ISO R-7 if specified. Flanges are AWWA 125 pounds [PN 10 bar] class)
<b>MATERIALS</b>	Maincase—Bronze Measuring chamber—Rocksyn Magnets—ceramic and Alnico Strainer—Thermoplastic Trim—Stainless Steel Casing bolts—Stainless Steel

<sup>1</sup> Maximum rates listed are for intermittent flow only. Maximum continuous flow rates as specified by AWWA are:  
 1-1/2" (DN 40mm) size: 50 gal/min (11.0 m<sup>3</sup>/h)  
 2" (DN 50mm) size: 80 gal/min (18.0 m<sup>3</sup>/h)  
<sup>2</sup> Flanged spuds are standard for 1-1/2" (DN 40mm) and 2" (DN 50mm) size meters and will be furnished unless otherwise specified. Internal tapped pipe threads only are supplied for ISO meters

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MJ-628-R1

# PMM-EB II® Water Meters

Multi-Jet Type Magnetic Drive Cold Water Meters

## 1-1/2" (DN 40mm) and 2" (DN 50mm) Sizes

### DESCRIPTION

**Applications:** Measurement of cold water where flow is in one direction only; in residential, commercial and industrial services.

**Conformance To Standards:** Sensus PMM-EB II Water Meters comply with ANSI/AWWA Standard C708-latest revision. Each meter is tested to insure compliance.

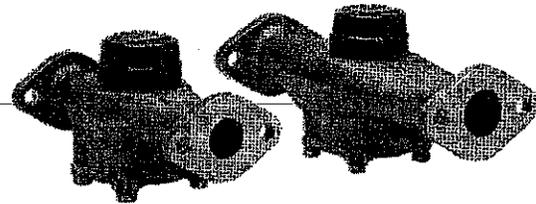
**Construction:** Sensus PMM-EB II Water Meters consist of three basic components: maincase; measuring chamber; and sealed register. Main cases are of bronze with either flanges, internal or externally-threaded spuds. Registers are housed in synthetic polymer ring and lid, a bronze bonnet is available as an option. Measuring chambers are made of Polystyrene, Nylon, and Polycarbonate, they are corrosion-resistant, tailored thermoplastic material formulated for long-term performance and especially suitable for aggressive water conditions. Main case bottom plates are available in bronze

**Sealed Register:** Hermetically sealed; proven magnetic drive design eliminates dirt and moisture contamination, tampering and lens fogging problems. Standard register includes a straightreading, odometer-type totalization display; a 360° test circle with center sweep hand; and a low flow (leak) detector. Gears are selflubricating, molded plastic for long life and minimum friction. No change gears are required for accuracy calibration. Encoder-type remote reading systems are available for all PMM-EB II Water Meters (See other side of sheet for additional information)

**Tamperproof Features:** A unique locking system prevents customer removal of the register to obtain free water. A special tool, available only to water utilities, is required to remove the register ring. When the optional bronze register bonnet is selected, a tamper detection seal is available.

**Magnetic Drive:** The PMM-EB II features a hydrodynamically cushioned design that eliminates premature wear of components. The meter utilizes a patented positive, reliable drive coupling. The high-strength magnets used will eliminate "drive slip" in normal use and also provide adequate strength to drive remote register units.

**Operation:** Water flows through the meter's strainer and into the measuring chamber where it drives the impeller. The impeller has a sapphire bearing and is balanced on a tungsten-based titanium stainless steel shaft. The drive magnet transmits the rotation of the impeller to a drive magnet located within the



1-1/2" PMM-EB II®  
(DN 40mm)

2" PMM-EB II®  
(DN 50mm)



1,000 gallons



100 cubic feet



1 cubic meter

hermetically sealed register. The drive magnet is connected to the register gear train. It reduces the impeller's rotation into volume totalization units displayed on the register dial face.

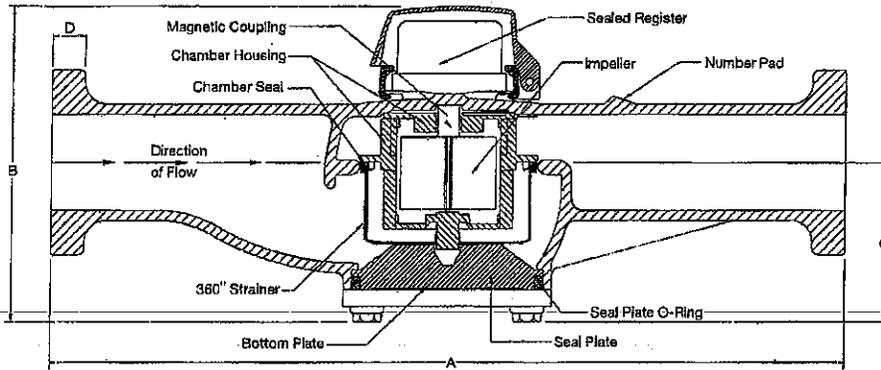
**Maintenance:** Sensus PMM-EB II Water Meters are engineered to provide long-term value and virtually maintenance-free operation. Simplicity of design and precise machining of components allows interchangeability of parts of like-size meters, reduced parts inventory requirements, and ease of maintenance. The register can be removed without relieving the water pressure or removing the case from the installation.

As an alternative to utility repair, Sensus offers maintenance programs to provide factory reconditioning of the main case and replacement component at low fixed prices. See bulletin MJ-299.

**Connections:** Tailpieces/Unions for installing the meters on a variety of pipe types and sizes are available.

**AMR / AMI Systems:** Meters and encoders are compatible with current Sensus AMR/AMI systems.

**Guarantee:** Sensus PMM-EB II Water Meters are backed by "The Sensus Guarantee." Ask your Sensus representative for details or see Bulletin G-500.



**DIMENSIONS AND NET WEIGHTS**

Meter Size	Connections	A	B	C	D	Width	Bolt Circle	Number of Bolts	Bolt Size	Net Weight
1-1/2" (DN 40mm)	Flanged	13" (330mm)	6-1/2" (165mm)	3-1/4" (83mm)	19/32" (15mm)	5-1/2" (140mm)	4.016" (18mm)	2	5/8" (16mm)	17 lbs. (7.7 kg)
	Male Thread	12-5/8" (321mm)	6-1/2" (165mm)	3-1/4" (83mm)	N/A	5-1/4" (133mm)	N/A	N/A	N/A	13-1/2 lbs. (6.2 kg)
	Female Thread	12-5/8" (321mm)	6-1/2" (165mm)	3-1/4" (83mm)	N/A	5-1/4" (133mm)	N/A	N/A	N/A	13-1/2 lbs. (6.2 kg)
2" (DN 50mm)	Flanged	17" (432mm)	6-3/4" (172mm)	3-5/8" (92mm)	23/32" (18mm)	6-1/8" (156mm)	4.488" (114mm)	2	3/4" (19mm)	22-1/2 lbs. (10.2 kg)
	Male Thread	15-1/4" (388mm)	6-3/4" (172mm)	3-5/8" (92mm)	N/A	5-3/4" (146mm)	N/A	N/A	N/A	15-1/4 lbs. (9.7 kg)
	Female Thread	15-1/4" (388mm)	6-3/4" (172mm)	3-5/8" (92mm)	N/A	5-3/4" (146mm)	N/A	N/A	N/A	15-1/4 lbs. (9.7 kg)
2" Short (DN 50mm)	Oval Flange	10" (254mm)	6-3/4" (172mm)	3-5/8" (92mm)	23/32" (18mm)	6-1/8" (156mm)	4.488" (114mm)	2	3/4" (19mm)	19 lbs. (8.6 kg)
	Round Flange	10" (254mm)	6-3/4" (172mm)	3-5/8" (92mm)	23/32" (18mm)	6-1/8" (156mm)	4.488" (114mm)	4	3/4" (19mm)	20 lbs. (9 kg)

**SPECIFICATIONS**

<b>SERVICE</b>	Measurement of cold water with flow in only one direction
<b>NORMAL OPERATING FLOW RANGE<sup>1</sup></b>	1-1/2" (DN 40mm) size: 5 to 100 gal/min. (1.1 to 23.0 m <sup>3</sup> /h) 2" (DN 50mm) size: 8 to 160 gal/min (1.8 to 36.0 m <sup>3</sup> /h)
<b>ACCURACY</b>	100% ± 1.5% of actual thruput in normal flow range.
<b>LOW FLOW REGISTRATION</b>	1-1/2" (DN 40mm) size: 95% at 1.5 gal/min (0.35 m <sup>3</sup> /h) 2" (DN 50mm) size: 95% at 2 gal/min. (0.45 m <sup>3</sup> /h)
<b>MAXIMUM PRESSURE LOSS</b>	1-1/2" (DN 40mm) size: 14.0 psi at 160 gal/min (0.24 bar at 11.4 m <sup>3</sup> /h) 2" (DN 50mm) size: 14.0 psi at 160 gal/min (0.31 bar at 18.2 m <sup>3</sup> /h)
<b>MAXIMUM OPERATING PRESSURE</b>	150 psi (10.0 bar)
<b>MEASURING ELEMENT</b>	Multi-Jet
<b>REGISTER</b>	Straight reading hermetically sealed magnetic drive Remote reading unit optional

<b>REGISTRATION</b>	100,000,000 gallons, 100 gallon / sweep hand revolution 10,000,000 Cubic Feet 10 C.F. / sweep hand revolution 100,000 Cubic Meter 0.1 m <sup>3</sup> / sweep hand revolution
<b>METER CONNECTIONS<sup>2</sup></b>	Flanged 1-1/2": two bolt oval flanged. Female 1-1/2": NPT internal pipe threads. Male 1-1/2": NPSM external pipe threads Flanged 2": two bolt oval flanged. Female 2": NPT internal pipe threads. Male 2": NPSM external pipe threads.
<b>MATERIALS</b>	Maincase — EnviroBrass II™ C8952 alloy Register box — synthetic polymer (standard), EnviroBrass II™ (optional) Measuring chamber — Nylon, Polycarbonate Bottom plate — EnviroBrass II Magnets — Ceramic material Casing bolts — Stainless steel Strainer — Synthetic polymer

<sup>1</sup> Maximum rates listed are for intermittent flow only. Maximum continuous flow rates as specified by AWWA are: 1-1/2" (DN 40mm) — 50 gal/min (11.0 m<sup>3</sup>/h) 2" (DN 50mm) — 80 gal/min (18.0 m<sup>3</sup>/h).

<sup>2</sup> Flanged spuds are standard for 1-1/2" (DN 40mm) and 2" (DN 50mm) size meters and will be furnished unless otherwise specified.

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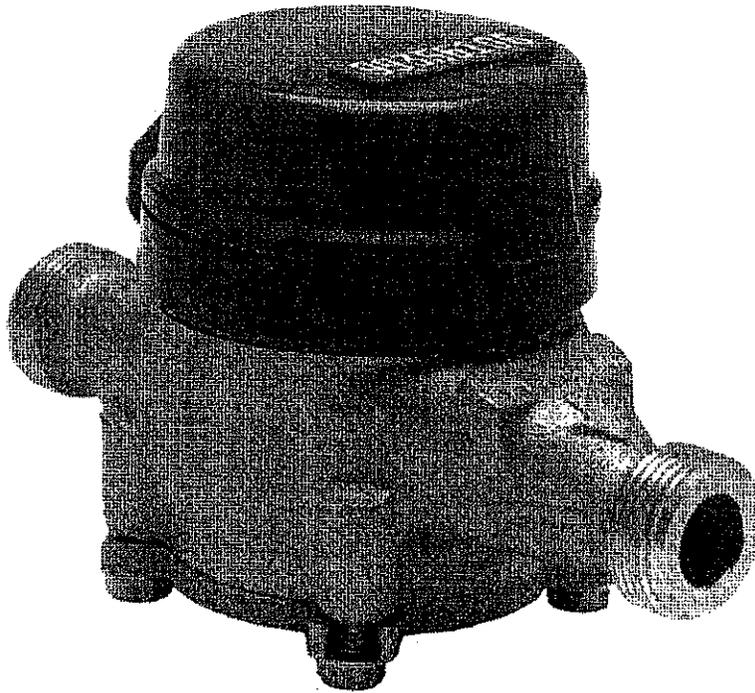
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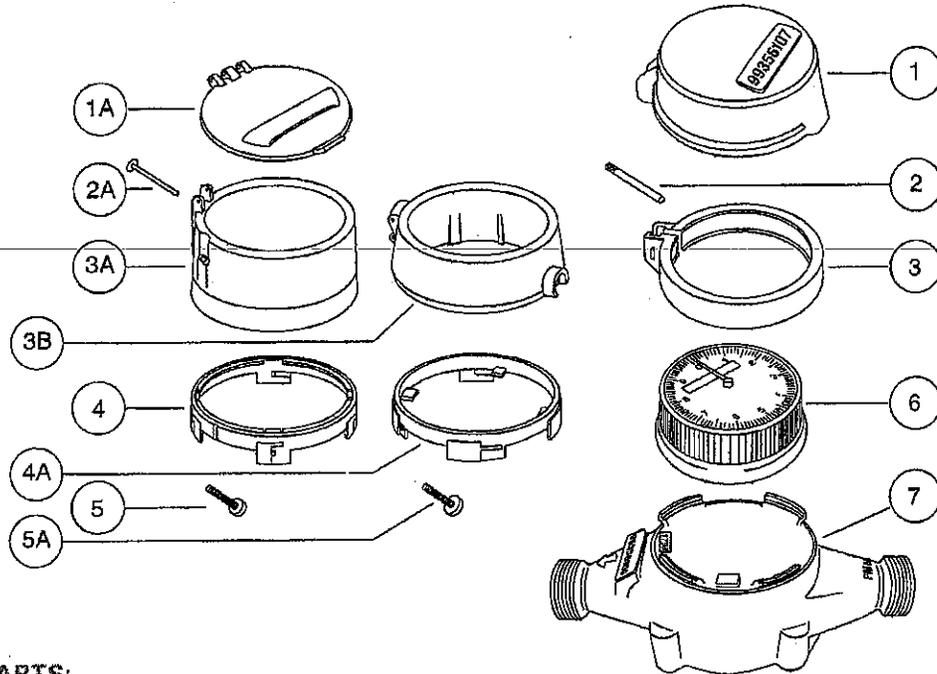
# PMM® Water Meters

Parts List

Sizes 5/8" through 2"



**PMM® Water Meters**  
**Sizes 5/8" through 2"**



**METER PARTS:**

ILL. No.	Name of Part
1	Register Cover - Plastic
1A	Register Cover - Brass
2	Register Clamp Ring Pin
2A	Register Cover Hinge Pin for Brass
3	Register Clamp Ring - Plastic <sup>1</sup>
3A	Register Shroud - Brass <sup>2</sup>
3B	Plastic Register Shroud for AMR System Register
4	Shroud Plastic Insert
4A	Shroud Insert for AMR System Register
5	Shroud Tamper Star Screw
5A	Tamper Screw (elliptical head) for AMR System Register
6	Register <sup>3</sup>
7	Main Case External Thread <sup>4</sup>
7A	Main Case Internal Thread (Not Shown)
7B	Main Case Flanged (Not Shown)
7C	Main Case Flanged 10° Lay Length (Not Shown)
8	Chamber Assembly Complete
9	Chamber Seal
10	Strainer
11	Seal Retainer
12	Plate Seal
13	Bottom Plate
14	Stainless Steel Bolts

<sup>1</sup> Need Special Tool (not supplied) see illustration Number 28

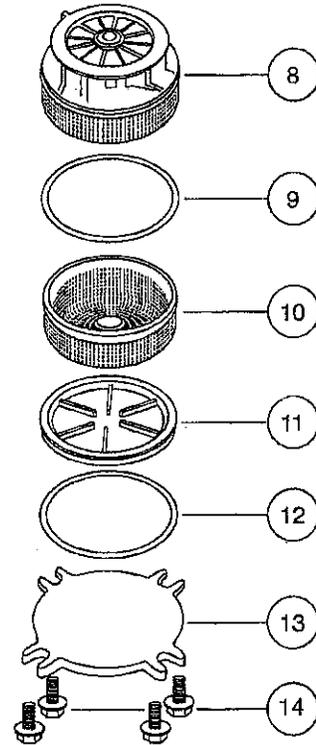
<sup>2</sup> Need Special Tool (not supplied) see illustration Number 30

<sup>3</sup> Specify registration by letter designation:

A. U.S. Gallons; B. Cubic Feet; C. Cubic Meters; D Other (specify).

<sup>4</sup> Specify Spud size by letter designation:

A 5/8"; B 5/8" x 3/4"; C 3/4"; D 1"; E Other (specify)



**PMM® Water Meters**

Sizes 5/8" through 2"

**ACCESSORY EQUIPMENT:**

ILL No.	Name of Part
28	Hinge Pin Removal Tool
29	Driver for Star Screws
30	Star Screw Driver Head (see parts 5 or 16)
31	Thread Protectors External Only (specify size)
32	Connection Gasket - Rubber <sup>1</sup>
33	Connection - Straight 1/2 set <sup>1</sup>
34	Connection - Bent 1/2 set <sup>1</sup>
35	Companion Flange - Bronze 1/2 set
36	Companion Flange Gasket - Rubber
37	Connection - Straight 1/2 set (Internal)
38	Connection Gasket - Rubber

**ICE REGISTER:**

ILL No.	Name of Part
39	Brown Plastic Bonnet (not shown)
40	Retaining Ring (not shown)
41	Screw (not shown)

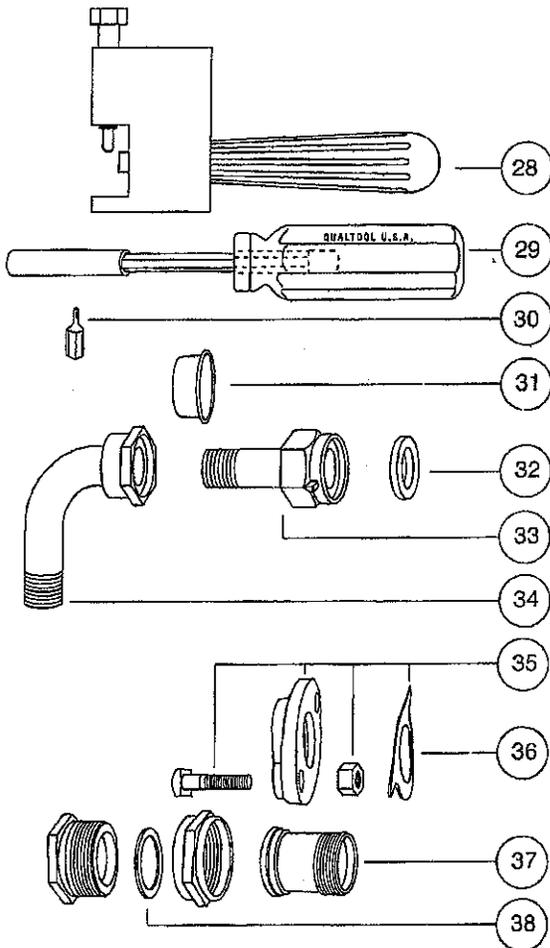
**WARRANTY:**

Sensus warrants its products only against defects in materials and workmanship. Sensus' liability and customer's exclusive remedy under this warranty or any warranty extends for a period of one (1) year from the date of Sensus' shipment and is expressly limited to repayment of the purchase price, repair or replacement, at Sensus' option, during said period, upon proof satisfactory to Sensus and upon customer's returning and prepaying all charges on such products to factory or warehouse designated by Sensus.

THIS WARRANTY IS MADE EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES; EXPRESS, IMPLIED, OR STATUTORY, WITH RESPECT TO QUALITY, MERCHANTABILITY, OR FITNESS FOR A PARTICULAR PURPOSE.

**NOTES:**

Prices F.O.B. Factory - subject to change without notice and such discounts as market conditions allow. Refer to MMP Provisions on MJ-299.



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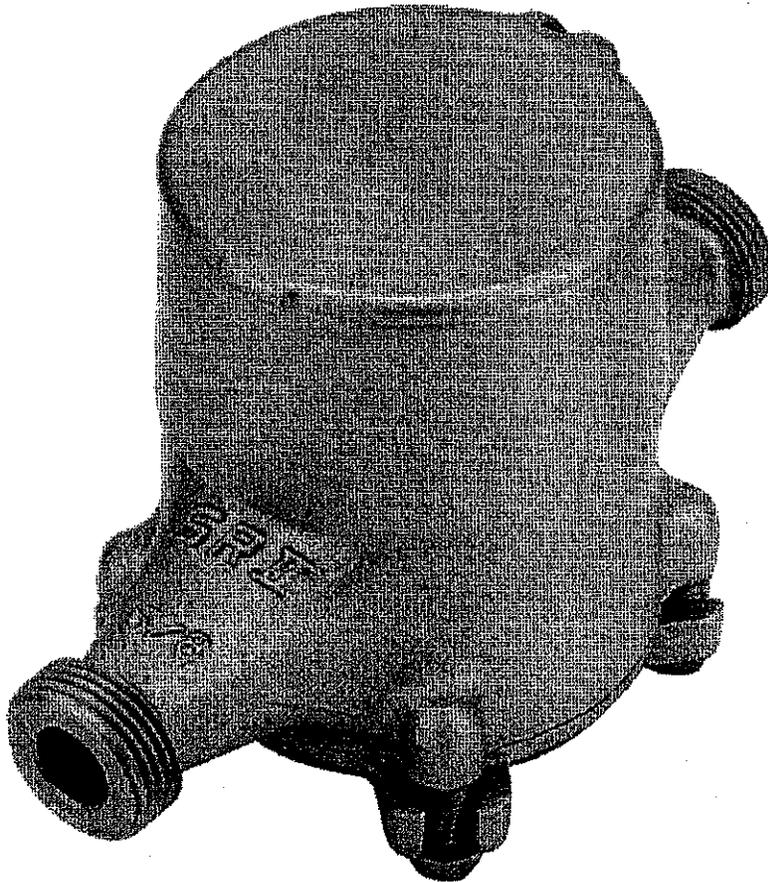
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FD-303-R4

# SRIT<sup>®</sup> Meters

Parts List

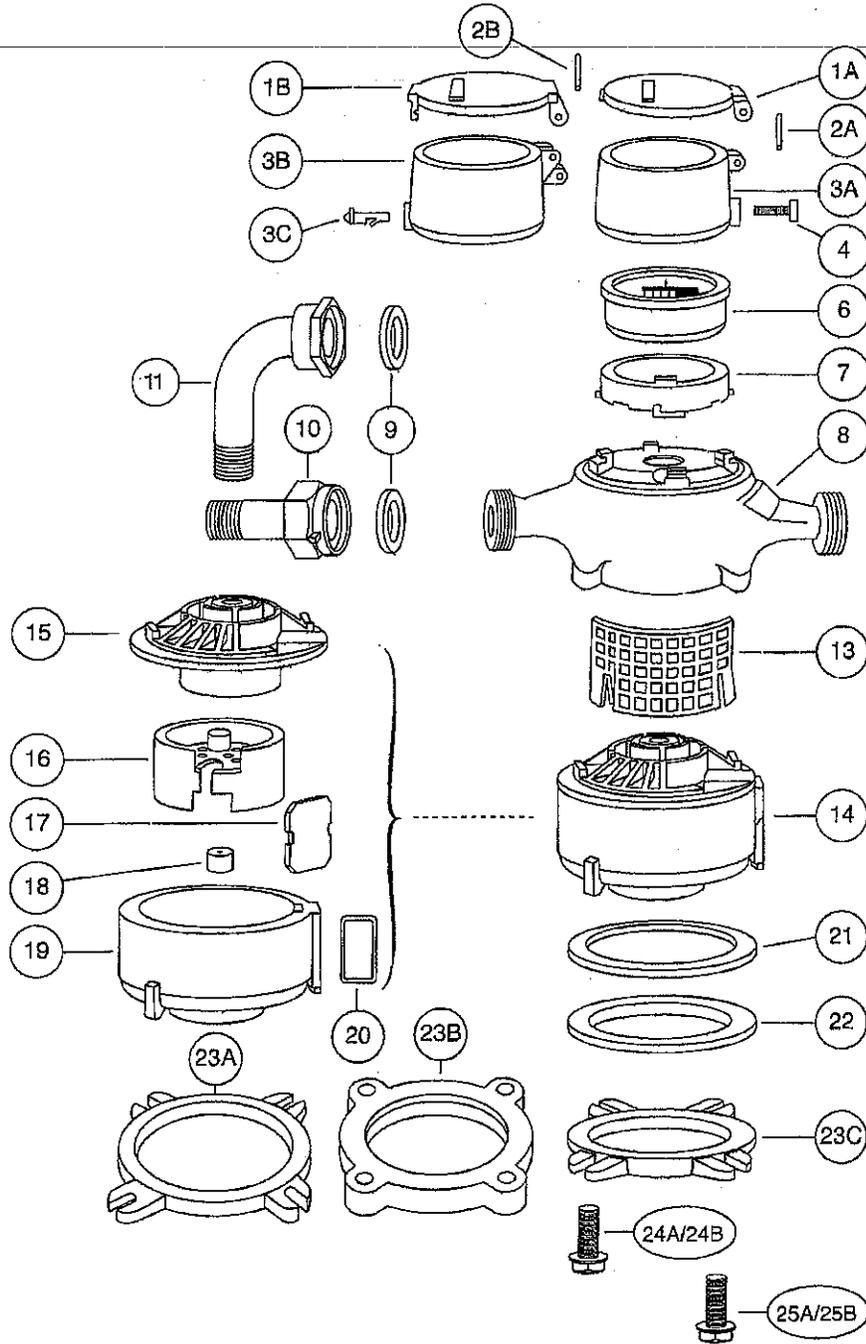
Sizes 5/8" through 1"



**SR II® Water Meters**  
**Sizes 5/8" through 1"**

**NOTES:**

Prices F.O.B. Factory— subject to change without notice and such discounts as market conditions allow. Complete factory repaired and exchange measuring chamber exchange programs are also available; see MMP data sheet PD-299 or consult local sales representative for details.



**SR II® Water Meters**  
**Sizes 5/8" through 1"**

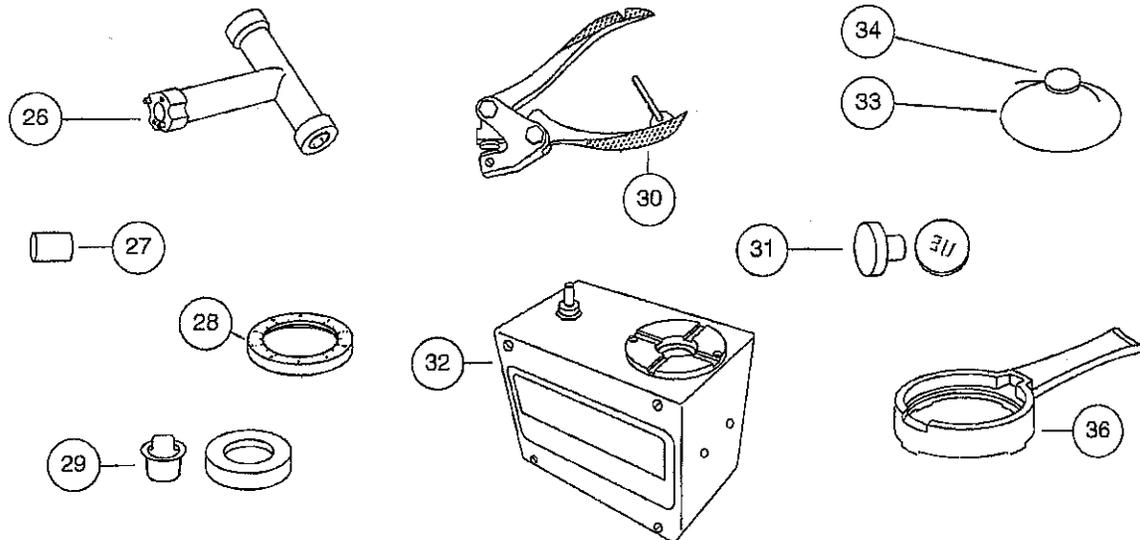
ILL. No.	Name of Part
1A	Register Cover - Bronze <sup>1</sup>
1B	Register Cover - Plastic <sup>1</sup>
2	Hinge Pin—Bronze Lid <sup>1</sup>
2B	Hinge Pin—Plastic Lid <sup>1</sup>
3A	Register Bonnet—Bronze <sup>1</sup>
3B	Register Bonnet—Plastic Screw <sup>1</sup>
3C	Register Bonnet—Plastic Pin <sup>1</sup>
4	Tamper-Resistant Screw <sup>4</sup>
5	Tamper Detection Pin <sup>2</sup>
6	Sealed Register <sup>6</sup>
7	Register Retaining Ring
8	Maincase <sup>3</sup>
9	Connection Gasket—Leather
10	Connection—Straight 1/2 set
11	Connection—Bent 1/2 set
13	Strainer
14	Measuring Chamber, Complete, Tested (Rocksyn™)
15	Measuring Chamber Top Rock Assembly with Drive Dog and Magnet (Rocksyn™) <sup>5</sup>
16	Piston <sup>6</sup>
17	Division Plate <sup>3</sup>
18	Control Roller <sup>3</sup>
19	Measuring Chamber Bottom w/Pin (Rocksyn™) <sup>6</sup>

ILL. No.	Name of Part
20	Measuring Chamber Outlet Gasket
21	Bottom Plate Gasket
22	Bottom Plate Liner
23A	Bottom Plate—Cast Iron
23B	Bottom Plate—Plastic
23C	Bottom Plate—Bronze
24A	Maincase Cap Screw—Stainless, Washerhead
24B	Maincase Cap Screw—Stainless, Washerhead-Drilled
25A	Maincase Capscrew—Bronze, Washerhead
25B	Maincase Capscrew—Bronze-Drilled, Washerhead-Drilled

**ACCESSORY EQUIPMENT**

ILL. No.	Name of Part
26	Spanner Wrench
27	1/4" Drive Security Socket
28	Test Rings for Standard Register
29	Thread Protectors—5/8"-1"
30	Sealing Tool
31	Sealing Tool Die
32	Register Tester
33	Sealwire 24" Length
34	Lead Seal
35	Seal Wire 1000 ft Spool, Not Shown
36	SRII Wrench

- <sup>1</sup> Bronze Lids must be used with Bronze Bonnets and Plastic Lids with Plastic Bonnets.
- <sup>2</sup> Can be used only with Plastic Register Bonnet
- <sup>3</sup> Specify Spud size by letter designation:  
 A. 5/8"; B. 5/8" x 3/4"; C. 3/4"; D. 3/4" x 1"; E. 1"; F. 1" x 1-1/4"  
 For 3/4" Maincase specify 9" or 7-1/2" laying length;  
 7-1/2" length is available only with 3/4" spud
- <sup>4</sup> Requires a 1/4" drive tool (not supplied) for use with Ill #4
- <sup>5</sup> Specify registration by letter designation:  
 A. U.S. Gallons; B. Cubic Feet; C. Cubic Meters; D. Other
- <sup>6</sup> Included in measuring chamber complete (Ill #14)



**SR II® Water Meters**  
**Sizes 5/8" through 1"**

**WARRANTY:**

Sensus warrants its products only against defects in materials and workmanship. Sensus' liability and customer's exclusive remedy under this warranty or any warranty extends for a period of one (1) year from the date of Sensus' shipment and is expressly limited to repayment of the purchase price, repair or replacement, at Sensus' option, during said period, upon proof satisfactory to Sensus and upon customer's returning and prepaying all charges on such products to factory or warehouse designated by Sensus.

THIS WARRANTY IS MADE EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESS, IMPLIED, OR STATUTORY, WITH RESPECT TO QUALITY, MERCHANTABILITY, OR FITNESS FOR A PARTICULAR PURPOSE.

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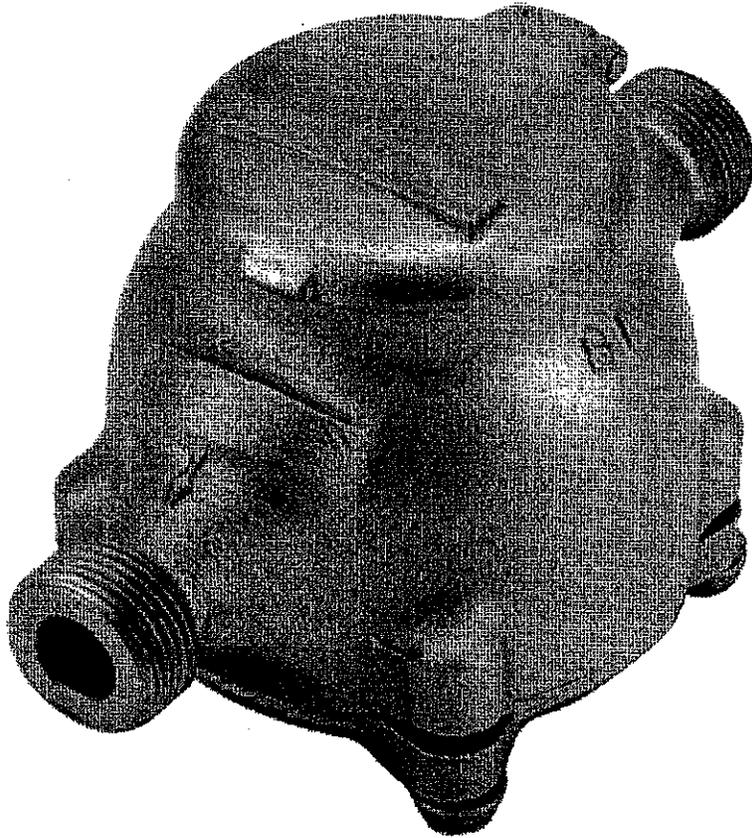
P.O. Box 487 | 450 North Gallatin Avenue  
Uniontown, PA 15401 USA  
T: 1-800-638-3748  
F: 1-800-888-2403  
[www.sensus.com/water](http://www.sensus.com/water)  
[h2oinfo@sensus.com](mailto:h2oinfo@sensus.com)

FD-753-R4

# SR<sup>®</sup> Meters

Parts List

Sizes 5/8" through 2"



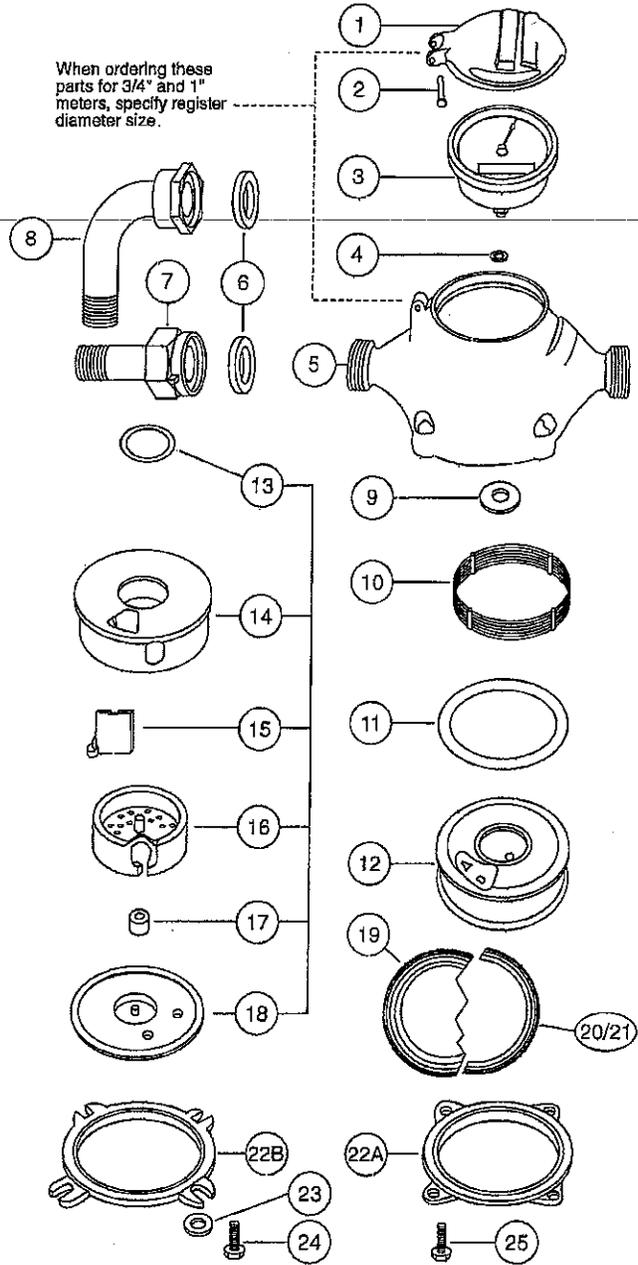
## SR Sealed Register® Water Meters Sizes 5/8" through 1"

### NOTES:

Prices F.O.B. Factory— subject to change without notice and such discounts as market conditions allow. Complete factory repaired and exchange measuring chamber exchange programs are also available; see MMP data sheet PD-299 or consult local sales representative for details.

ILL. No.	Name of Part
1A	Register Cover - Brass
1B	Register Cover - Plastic
2	Register Cover Hinge Pin
3	Sealed Register <sup>1,2</sup>
4	Register Gasket
5	Maincase <sup>3</sup>
6	Connection Gasket <sup>4</sup>
7	Connection—Straight 1/2 Set <sup>5</sup>
8	Connection—Bent 1/2 Set C <sup>5</sup>
9	Register Retainer
10	Strainer
11	Measuring Chamber Gasket
12A	Measuring Chamber Complete—Rocksyn
12B	Measuring Chamber Complete—Bronze
13	Measuring Chamber O-Ring
14A	Measuring Chamber—Rocksyn
14B	Measuring Chamber—Bronze
15	Division Plate
16	Piston and Magnet
17	Piston Roller
18A	Measuring Chamber Bottom—Rocksyn
18B	Measuring Chamber Bottom—Bronze
19	Full Liner for Cast Iron Bottom Plate
20	Bronze Bottom Plate Gasket (5/8" Size Only)
20	Bronze Bottom Plate Liner (3/4"-1")
21	Plastic Bottom Plate Gasket (5/8" Size Only)
22A	Bronze Bottom Plate
22B	Cast Iron Bottom Plate
22C	Plastic Bottom Plate (5/8" Size Only) <sup>6</sup>
23	Stainless Steel Cap Screw Washer <sup>7</sup>
24A	Stainless Steel Cap Screw <sup>8</sup>
24B	Stainless Steel Cap Screw Drilled for Seal Wire <sup>9</sup>
25A	Bronze Cap Screw <sup>8</sup>
25B	Bronze Cap Screw Drilled for Seal Wire <sup>9</sup>

When ordering these parts for 3/4" and 1" meters, specify register diameter size.



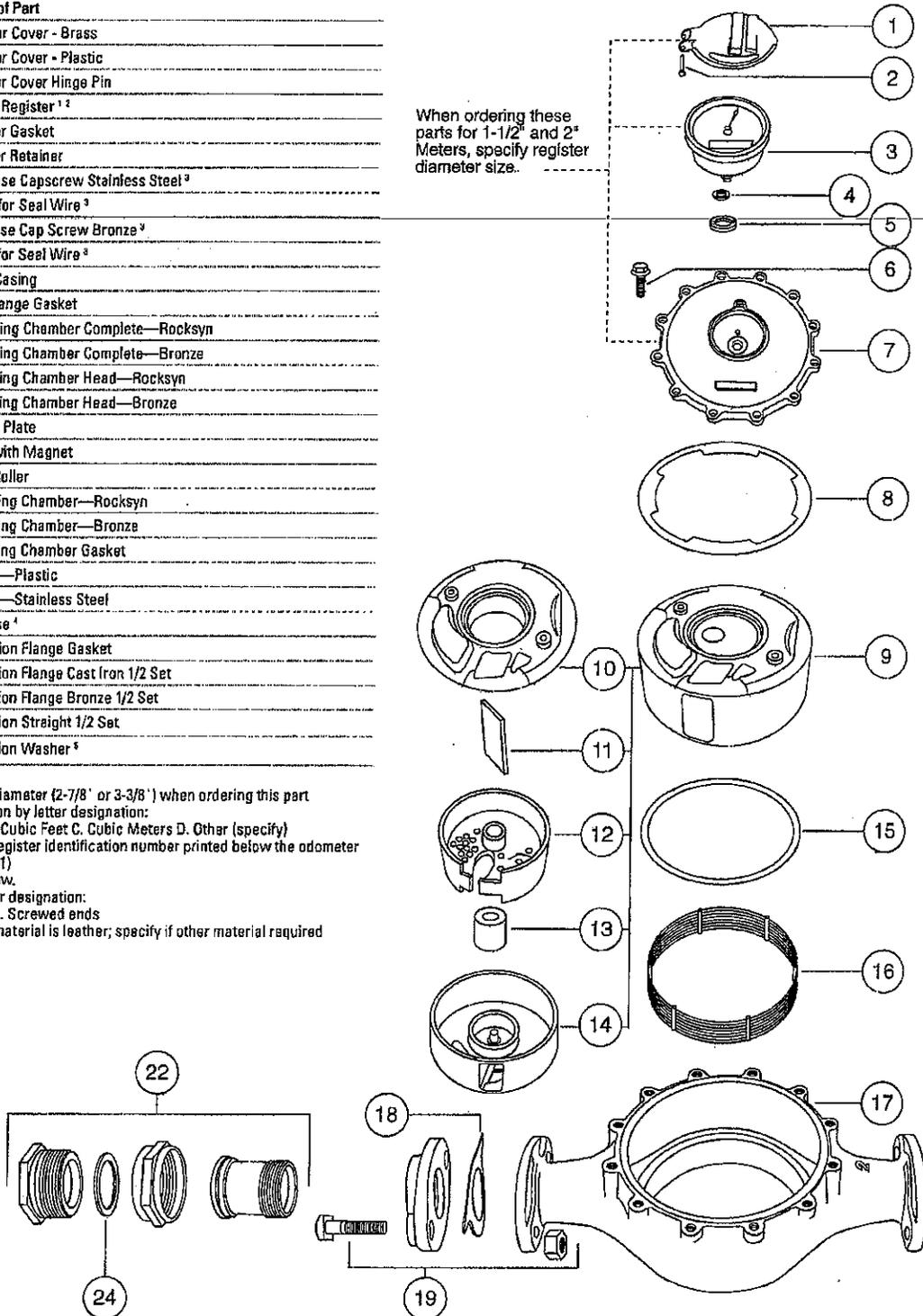
<sup>1</sup> Specify register diameter (2-7/8" or 3-3/8") when ordering this part  
<sup>2</sup> Specify registration by letter designation:  
 A. U S. Gallons B. Cubic Feet C. Cubic Meters D. Other (specify)  
 Also specify the register identification number printed below the odometer  
 (Example: 3/4" T-01)  
<sup>3</sup> Specify spud size by letter designation:  
 A. 5/8" B. 5/8" x 3/4" C. 3/4" D. 1" E. Other (specify)  
<sup>4</sup> Specify connection gasket size by letter designation:  
 A. 5/8" B. 3/4" C. 1" (standard gasket material is leather; specify if other  
 material required)  
<sup>5</sup> Specify connection swivel size by letter designation:  
 A. 5/8" spud to 1/2" pipe B. 3/4" spud to 3/4" pipe C. 1" spud to 1" pipe  
<sup>6</sup> Not shown  
<sup>7</sup> Not required with washerhead screw.  
<sup>8</sup> Washerhead Screw.

### SR Sealed Register® Water Meters Sizes 1-1/2" through 2"

ILL. No.	Name of Part
1A	Register Cover - Brass
1B	Register Cover - Plastic
2	Register Cover Hinge Pin
3	Sealed Register <sup>1,2</sup>
4	Register Gasket
5	Register Retainer
6A	Maincase Capscrew Stainless Steel <sup>3</sup>
6B	Drilled for Seal Wire <sup>3</sup>
6C	Maincase Cap Screw Bronze <sup>3</sup>
6D	Drilled for Seal Wire <sup>3</sup>
7	Upper Casing
8	Main Flange Gasket
9A	Measuring Chamber Complete—Rocksyn
9B	Measuring Chamber Complete—Bronze
10A	Measuring Chamber Head—Rocksyn
10B	Measuring Chamber Head—Bronze
11	Division Plate
12	Piston with Magnet
13	Piston Roller
14A	Measuring Chamber—Rocksyn
14B	Measuring Chamber—Bronze
15	Measuring Chamber Gasket
16A	Strainer—Plastic
16B	Strainer—Stainless Steel
17	Maincase <sup>4</sup>
18	Companion Flange Gasket
19A	Companion Flange Cast Iron 1/2 Set
19B	Companion Flange Bronze 1/2 Set
22	Connection Straight 1/2 Set
24	Connection Washer <sup>5</sup>

<sup>1</sup> Specify register diameter (2-7/8" or 3-3/8") when ordering this part  
<sup>2</sup> Specify registration by letter designation:  
 A. U.S. Gallons B. Cubic Feet C. Cubic Meters D. Other (specify)  
 Also specify the register identification number printed below the odometer  
 (Example: 3/4" T-01)  
<sup>3</sup> Washerhead Screw.  
<sup>4</sup> Specify ends letter designation:  
 A. Flanged Ends B. Screwed ends  
<sup>5</sup> Standard gasket material is leather; specify if other material required

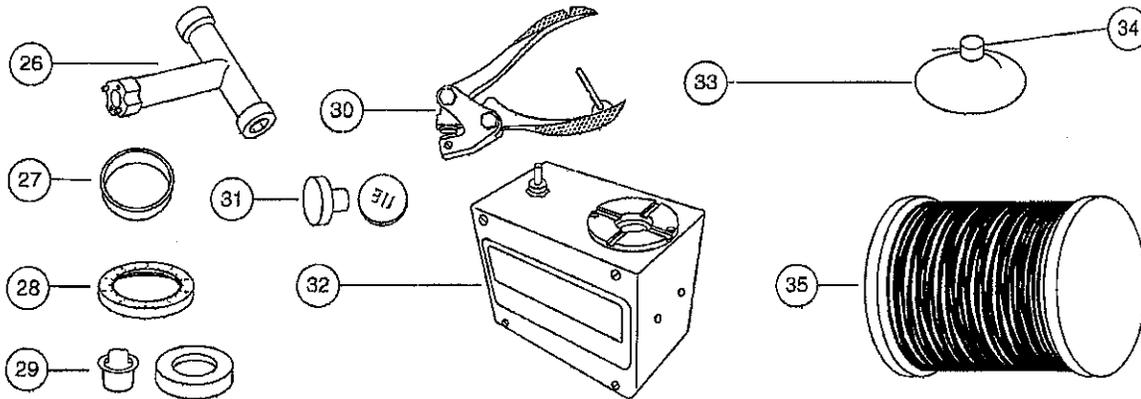
When ordering these parts for 1-1/2" and 2" Meters, specify register diameter size.



**SR Sealed Register® Water Meters  
Accessory Equipment**

ILL. No.	Name of Part
26	Spanner Wrench
27	Large Cup Adapter Ring
28	Test Rings for Standard Registers <sup>1</sup>
29	Thread Protectors 5/8"-1" <sup>1</sup>
30	Sealing Tool
31	Sealing Tool Die
32	Register Tester
33	Seal Wire—24" Length
34	Lead Seal
35	Seal Wire—1000 Ft Spool

<sup>1</sup> Not Shown



**WARRANTY:**

Sensus warrants its products only against defects in materials and workmanship. Sensus' liability and customer's exclusive remedy under this warranty or any warranty extends for a period of one (1) year from the date of Sensus' shipment and is expressly limited to repayment of the purchase price, repair or replacement, at Sensus' option, during said period, upon proof satisfactory to Sensus and upon customer's returning and prepaying all charges on such products to factory or warehouse designated by Sensus.

THIS WARRANTY IS MADE EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES; EXPRESS, IMPLIED, OR STATUTORY, WITH RESPECT TO QUALITY, MERCHANTABILITY, OR FITNESS FOR A PARTICULAR PURPOSE

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F: 1-800-888-2403  
www.sensus.com/water  
h2oinfo@sensus.com

G-500-R12

# Sensus Limited Warranty

## I. General Product Coverage

Sensus USA Inc. ("Sensus") warrants its products and parts to be free from defects in material and workmanship for one (1) year from the date of Sensus shipment and as set forth below. All products are sold to customer ("Customer") pursuant to Sensus' Terms of Sale, available at: <http://na.sensus.com/TC/TermsConditions.pdf>.

## II. SR II@ 5/8", 3/4" & 1" Meters...

are warranted to perform to AWWA New Meter Accuracy Standards for five (5) years from the date of Sensus shipment or until the registration shown below, whichever occurs first. Sensus further warrants that the SR-II meter will perform to at least AWWA-Repaired Meter Accuracy Standards for fifteen (15) years from the date of Sensus shipment or until the registration shown below, whichever occurs first:

	New Meter Accuracy	Repair Meter Accuracy
5/8" SR II Meter	500,000 gallons	1,500,000 gallons
3/4" SR II Meter	750,000 gallons	2,250,000 gallons
1" SR II Meter	1,000,000 gallons	3,000,000 gallons

## III. SR@ 5/8", 3/4" & 1" Meters...

are warranted to perform to AWWA New Meter Accuracy Standards for one (1) year from the date of Sensus shipment. Sensus further warrants that the 5/8", 3/4" and 1" SR meter will perform to at least AWWA Repaired Meter Accuracy Standards for fifteen (15) years from the date of Sensus shipment or until the registration shown below, whichever occurs first:

	Repair Meter Accuracy
5/8" SR Meter	1,500,000 gallons
3/4" SR Meter	2,250,000 gallons
1" SR Meter	3,000,000 gallons

## IV. SR 1-1/2" & 2" and accu-RTM...

are warranted to perform to AWWA New Meter Accuracy Standards for one (1) year from the date of Sensus shipment. Sensus further warrants that the 1-1/2" and 2" SR and accu-RTM meter will perform to at least AWWA Repaired Meter Accuracy Standards for ten (10) years from the date of Sensus shipment or until the registration shown below, whichever occurs first:

	Repair Meter Accuracy
1-1/2" SR & accu-RTM Meter	5,000,000 gallons
2" SR & accu-RTM Meter	8,000,000 gallons

## V. PMM@ 5/8", 3/4", 1" Meters...

are warranted to perform to AWWA New Meter Accuracy Standards for one (1) year from the date of Sensus shipment. Sensus further warrants that the 5/8", 3/4", and 1" PMM meter will perform to at least AWWA Repaired Meter Accuracy Standards for fifteen (15) years from the date of Sensus shipment or until the registration shown below, whichever occurs first:

	Repair Meter Accuracy
5/8" PMM	1,500,000 gallons
3/4" PMM	2,000,000 gallons
1" PMM	3,000,000 gallons

## VI. PMM 1-1/2", 2" Meters...

are warranted to perform to AWWA New Meter Accuracy Standards for one (1) year from the date of Sensus shipment. Sensus further warrants that the 1-1/2" and 2" PMM meter will perform to at least AWWA Repaired Meter Accuracy Standards for ten (10) years from the date of Sensus shipment or until the registration shown below, whichever occurs first:

	Repair Meter Accuracy
1-1/2" PMM	5,000,000 gallons
2" PMM	8,000,000 gallons

## VII. iPERL™ Water Management Systems...

that register water flow are warranted to perform to the accuracy levels set forth in the iPERL Water Management System Data Sheet (IPL-110), available at [www.sensus.com/ipperl](http://www.sensus.com/ipperl) or by request from 1-800-METER-IT, for twenty (20) years from the date of Sensus shipment. The iPERL System warranty does not include the external housing.

## VIII. Maincase...

of the SR, SR II and PMM in both standard and low lead alloy meters are warranted to be free from defects in material and workmanship for twenty-five (25) years from the date of Sensus shipment. Composite and E-coated maincases will be free from defects in material and workmanship for fifteen (15) years from the date of Sensus shipment.

## IX. Sensus "W" Series Turbo Meters, OMNI™ Meters and Propeller Meters...

are warranted to perform to AWWA New Meter Accuracy Standards for one (1) year from the date of Sensus shipment.

## X. Sensus accuMAG™ Meters...

are warranted to be free from defects in material and workmanship, under normal use and service, for 18 months from the date of Sensus shipment or 12 months from startup, whichever occurs first.

## XI. Sensus Registers...

are warranted to be free from defects in material and workmanship from the date of Sensus shipment for the periods stated below or until the applicable registration for AWWA Repaired Meter Accuracy Standards, as set forth above, are surpassed, whichever occurs first:

5/8" thru 2" SR, SR II, PMM, Standard Registers	25 years
5/8" thru 2" SR, SR II, PMM, Encoder Registers	10 years
Electronic Communication Index (ECI)	10 years
All HSPU, IMP Contactor, R.E.R. Elec. ROFI	1 year
Standard and Encoder Registers for: "W" Turbo and Propeller Meters	1 year
OMNI Register with Battery	10 years

## XII. Sensus Electric Meters...

are warranted to be free from defects in material and workmanship for one (1) year from the date of Sensus shipment. Spare parts and components are warranted to be free from defects in material and workmanship for one (1) year from the date of Sensus shipment. Repaired or refurbished equipment repaired by Sensus is warranted to be free from defects in material and workmanship for ninety (90)

G-500-#12

# Sensus Limited Warranty

days from the date of Sensus shipment or for the time remaining on the original warranty period whichever is longer

### XIII. Batteries, iPERL System Components, AMR and FlexNet™ System AMI Interface Devices...

are warranted to be free from defects in material and workmanship from the date of Sensus shipment for the period stated below:

Electronic TouchPad	10 years
RadioRead® MXU (Model 505C, 510R or 520R) and Batteries	20 years*
Acc-Pak® Instrumentation	1 year
TouchRead® Coupler and AMR Equipment	1 year
FlexNet Water or Gas SmartPoint™ Modules and Batteries	20 years*
Tower Gateway Base Station	1 year
FlexNet Network Portal	1 year
iConA and FlexNet Electricity SmartPoint Module	1 year
iPERL System Battery and iPERL System Components	20 years*

\* Sensus will repair or replace non-performing:

- RadioRead® MXU (Model 505C, 510R and 520R) and Batteries,
- FlexNet Water or Gas SmartPoint Modules (configured to the factory setting of six transmissions per day) and batteries,
- iPERL System Batteries, and/or the iPERL System flowtube, the flow sensing and data processing assemblies, and the register ("iPERL System Components")

at no cost for the first ten (10) years from the date of Sensus shipment and for the remaining ten (10) years, at a prorated percentage, applied towards the published list prices in effect for the year product is accepted by Sensus under warranty conditions according to the following schedule:

Years	Replacement Price	Years	Replacement Price
1 - 10	0%	16	55%
11	30%	17	60%
12	35%	18	65%
13	40%	19	70%
14	45%	20	75%
15	50%	>20	100%

Note: Software supplied and licensed by Sensus is warranted according to the terms of the applicable software license agreement. Sensus warrants that network and monitoring services shall be performed in a professional and workmanlike manner.

### XIV. Return...

Sensus' obligation, and Customer's exclusive remedy, under this Sensus Limited Warranty is, at Sensus' option, to either repair or replace the product, provided the Customer (i) returns the product to the location designated by Sensus within the warranty period; and (ii) prepays the freight costs both to and from such location.

For more information, visit us at [sensus.com](http://sensus.com)



8601 Six Forks Road Suite 700  
Raleigh, NC 27615  
1-800-838-3748  
h2oinfo@sensus.com

The return of products for warranty claims must follow Sensus Returned Materials Authorization (RMA) procedures. Water meter returns must include documentation of the Customer's test results. Test results must be obtained according to AWWA standards and must specify the meter serial number. The test results will not be valid if the meter is found to contain foreign materials. If Customer chooses not to test a Sensus water meter prior to returning it to Sensus, Sensus will repair or replace the meter, at Sensus' option, after the meter has been tested by Sensus. The Customer will be charged Sensus' then current testing fee. Sensus SmartPoints modules and MXU's returned must be affixed with a completed return evaluation label. For all returns, Sensus reserves the right to request meter reading records by serial number to validate warranty claims.

THE FOREGOING REMEDIES ARE THE CUSTOMER'S SOLE AND EXCLUSIVE REMEDIES FOR THE FAILURE OF THE PRODUCTS, SERVICES OR LICENSED SOFTWARE TO CONFORM TO THEIR RESPECTIVE WARRANTIES.

### XV. Limits of Warranty...

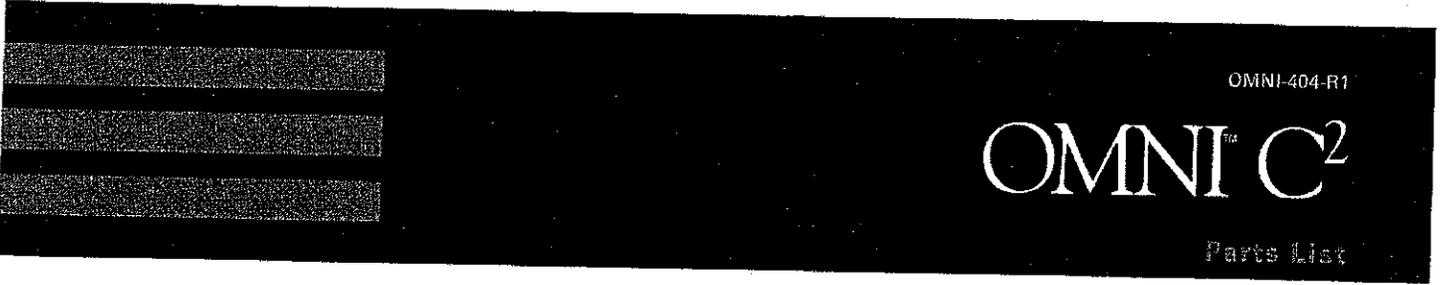
This Limited Warranty does not include costs for removal or installation of products, or costs for replacement labor or materials, which are the responsibility of the Customer. Furthermore, this Limited Warranty does not apply to products which have been: installed improperly or in non-recommended installations; tampered with; modified or repaired with parts or assemblies not certified in writing by Sensus, including without limitation communication parts and assemblies; converted; altered; damaged; read by equipment not approved by Sensus; subjected to misuse, improper storage, care maintenance, or improper periodic testing.

SENSUS' LIABILITY SHALL BE LIMITED TO DIRECT DAMAGES. SENSUS SHALL NOT BE LIABLE FOR (I) ANY SPECIAL, INCIDENTAL, INDIRECT OR CONSEQUENTIAL DAMAGES, NOR (II) ANY REVENUE LOST BY CUSTOMER, IRRESPECTIVE WHETHER SUCH LOST REVENUE IS CATEGORIZED AS DIRECT DAMAGES OR OTHERWISE, NOR (III) DAMAGES ARISING FROM MAINCASE OR BOTTOM PLATE BREAKAGE CAUSED BY FREEZING TEMPERATURES, WATER HAMMER CONDITIONS, OR EXCESSIVE WATER PRESSURE, WHETHER CATEGORIZED AS DIRECT DAMAGES OR OTHERWISE. THIS LIMITATION APPLIES WHETHER THE CAUSE OF ACTION ARISES IN TORT (INCLUDING NEGLIGENCE OR STRICT LIABILITY), IN CONTRACT, UNDER STATUTE OR OTHERWISE. THIS LIMITATION OF LIABILITY IS A FUNDAMENTAL INDUCEMENT TO SENSUS SELLING THE PRODUCTS. IT SHALL APPLY UNCONDITIONALLY AND IN ALL RESPECTS. IT SHALL BE INTERPRETED BROADLY TO GIVE SENSUS THE MAXIMUM PROTECTION PERMITTED UNDER LAW.

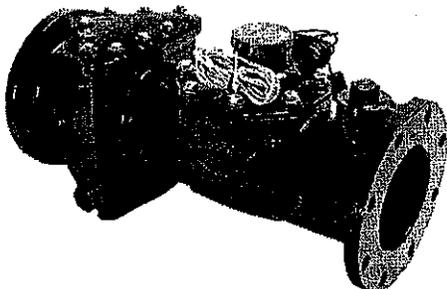
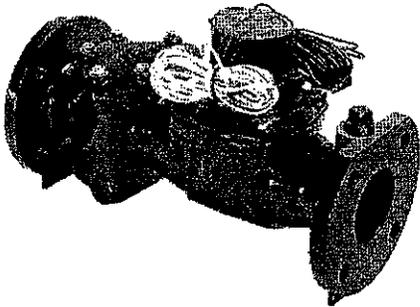
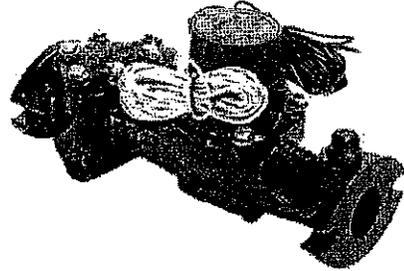
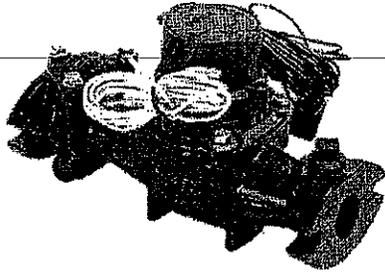
### XVI. No Implied Warranties...

THE WARRANTIES SET FORTH IN THIS SENSUS LIMITED WARRANTY ARE EXCLUSIVE AND ARE IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE. THE CUSTOMER ASSUMES SOLE RESPONSIBILITY FOR DETERMINING THAT THE PRODUCTS, SERVICES AND SOFTWARE LICENSES PURCHASED ARE SUITABLE FOR THEIR INTENDED APPLICATION AND USE.

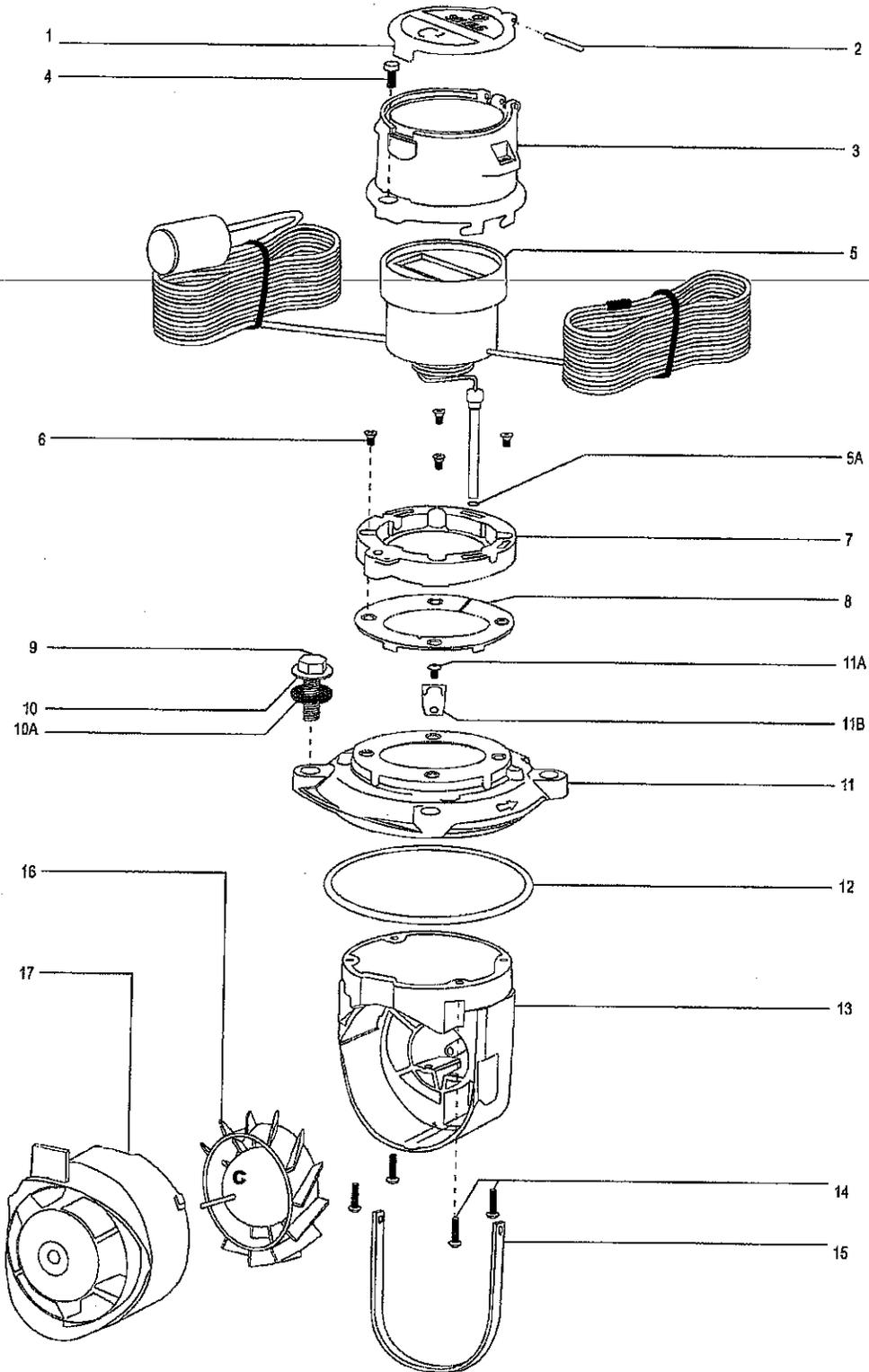
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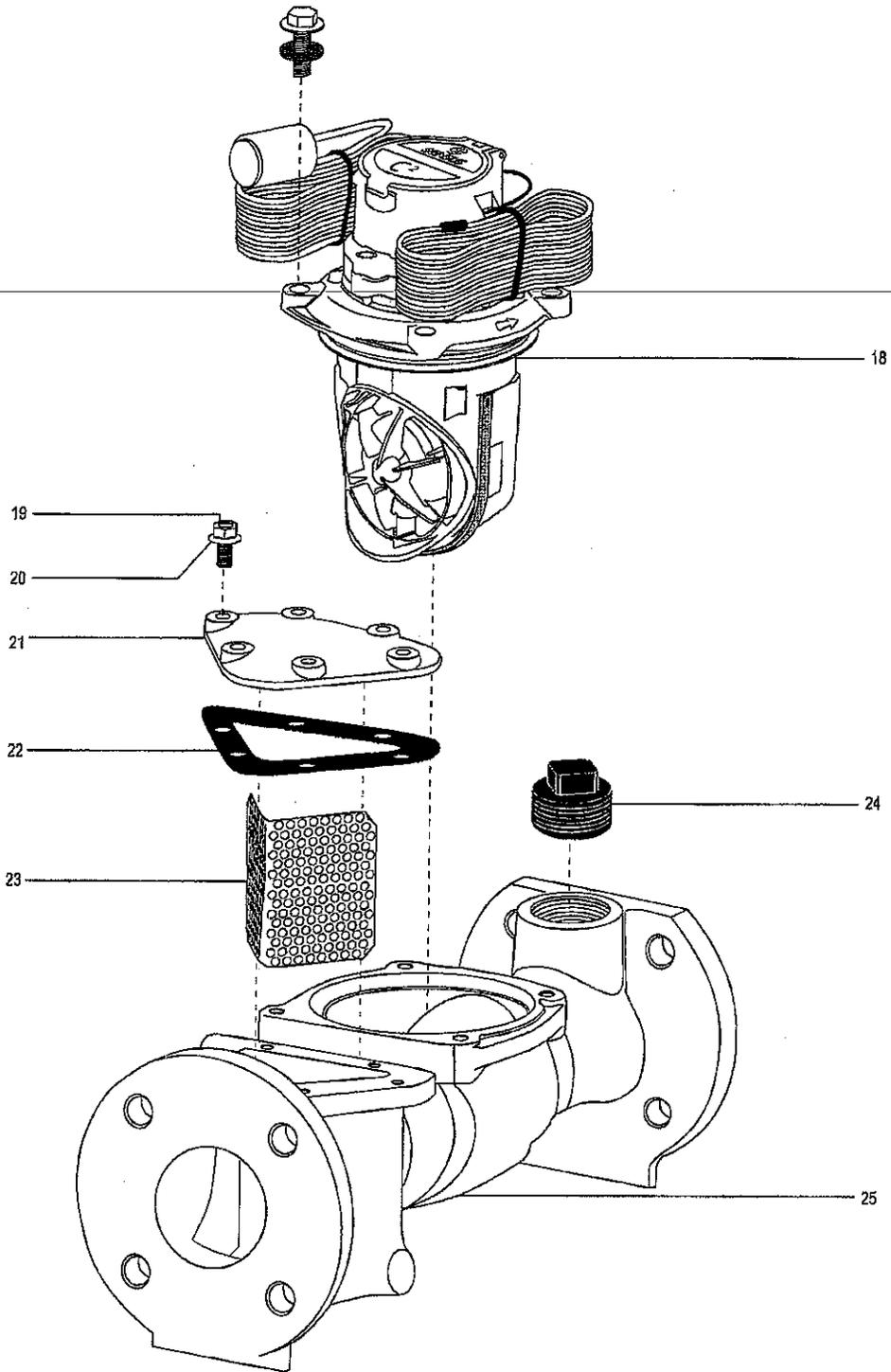
**OMNI C<sup>2</sup>: 1-1/2", 2", 3", 4" and 6"**



**OMNI C<sup>2</sup>: 1-1/2", 2", 3", 4" and 6"**



OMNI C<sup>2</sup>: 1-1/2", 2", 3", 4" and 6"



OMNI-404-R1

**OMNI C<sup>2</sup>: 1-1/2", 2", 3", 4" and 6"**

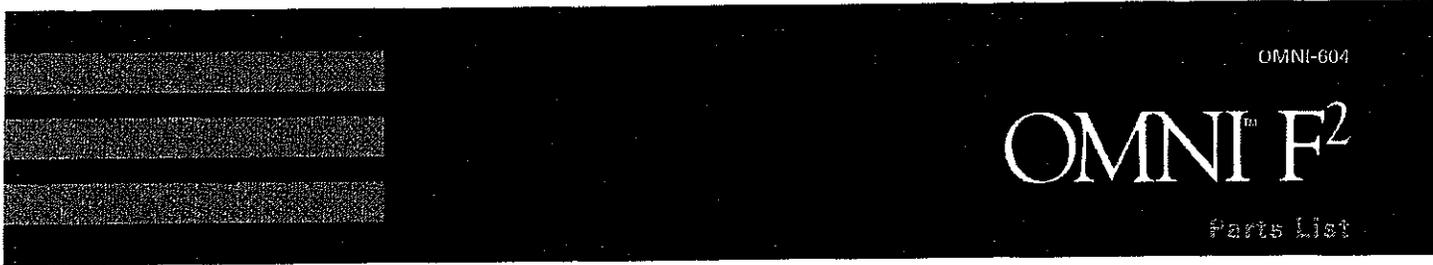
ILL No.	Name of Part
1	C <sup>2</sup> Bonnet Lid
2	Hinge Pin
3	Bonnet*
4	Bonnet Seal Screw
5	Register w/ AMR and Pulse Wire
5A	Pick-Up Probe O-Ring
6	Locking Ring Screw
7	Locking Ring
8	Fixing Ring
9	Chamber Cover Bolt
10	Chamber Cover Bolt Washer
10A	Chamber Cover Washer — Black Nylon
11	Chamber Cover
11A	Screw
11B	Spring
12	Chamber Cover O-Ring
13	Measuring Insert
14	Measuring Insert Screw
15	Chamber Seal Gasket
16	C <sup>2</sup> Rotor*
17	T <sup>1</sup> Balance Plate
18	Measuring Chamber
19	Strainer Cover Cap Screw
20	Strainer Cover Bolt Washer
21	Strainer Cover
22	Strainer Cover Gasket
23	Strainer Screen
24	Test Plug
25	C <sup>2</sup> Maincase

\* For 3" or 4" C<sup>2</sup> rotor / bonnet replacement, order either for the 3" meter size or 4" meter size (See size on front of register bonnet)

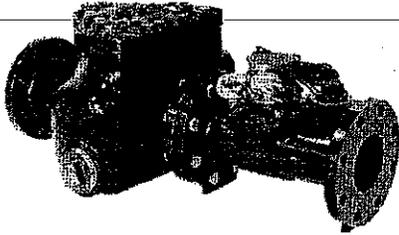
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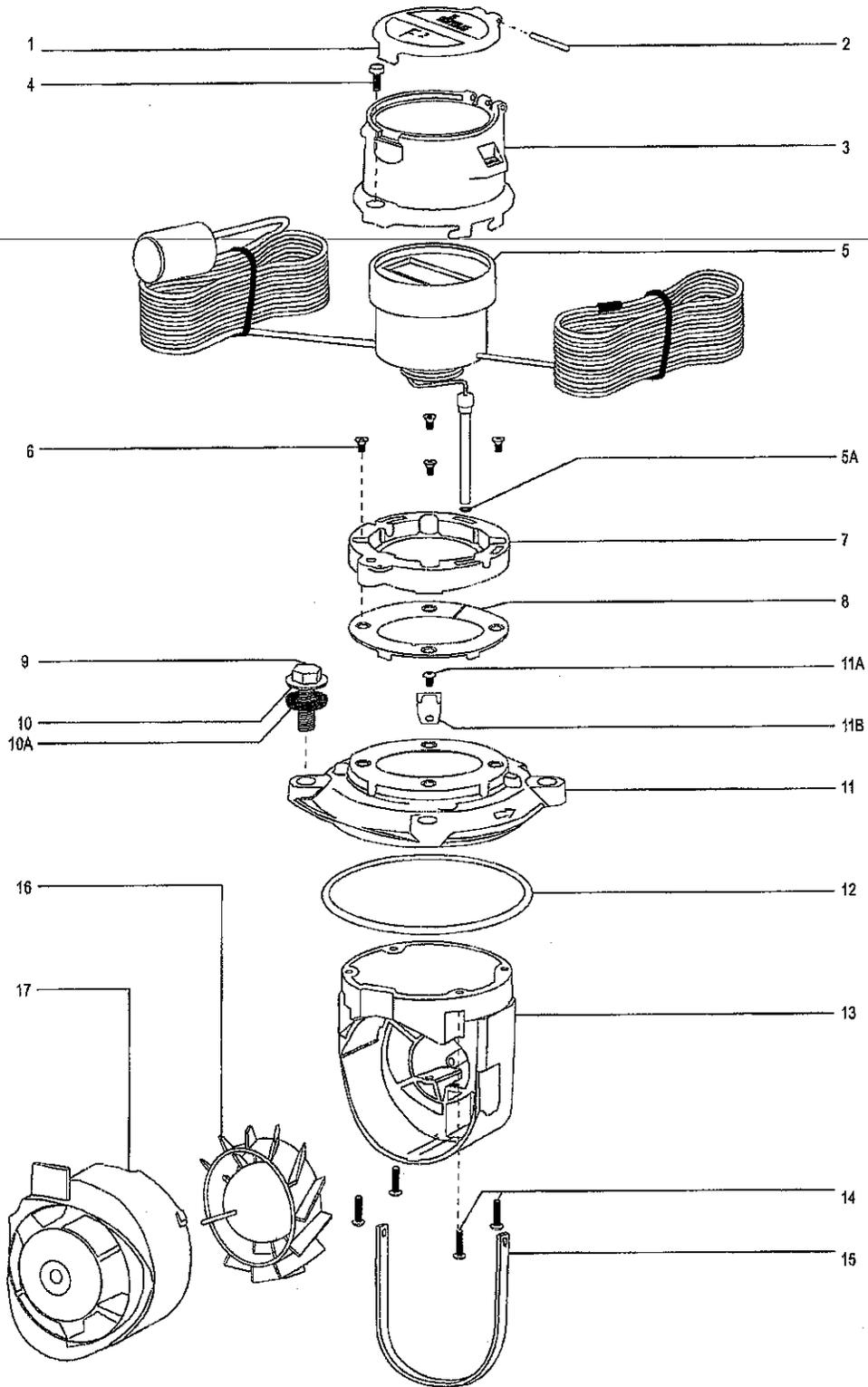
P.O. Box 487 | 450 North Gallatin Avenue  
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 T: 1-800-638-3748  
 F: 1-800-868-2403  
 www.sensus.com/water  
 h2oinfo@sensus.com



**OMNI F<sup>2</sup>: 4" and 6"**



OMNI F<sup>2</sup>: 4" and 6"





OMNI-604

**OMNI F<sup>2</sup>: 4" and 6"**

ILL. No.	Name of Part
1	F2 Bonnet Lid
2	Hinge Pin
3	Bonnet
4	Bonnet Seal Screw
5	Register w/ AMR and Pulse Wire
5A	Pick-Up Probe O-Ring
6	Locking Ring Screw
7	Locking Ring
8	Fixing Ring
9	Chamber Cover Bolt
10	Chamber Cover Bolt Washer
10A	Chamber Cover Washer — Black Nylon
11	Chamber Cover
11A	Screw
11B	Spring
12	Chamber Cover O-Ring
13	Measuring Insert
14	Measuring Insert Screw
15	Chamber Seal Gasket
16	F2 Rotor
17	F2 Balance Plate
18	Measuring Chamber
19	Strainer Cover Cap Screw
20	Strainer Cover Bolt Washer
21	Strainer Cover
22	Strainer Cover Gasket
23	Strainer Screen
24	Drain Port
25	F2 Strainer Body
26	Vent Screw
27	Vent Washer
28	Strainer Screen Support
29	Washer
30	Screw
31	F2 Maincase
32	Test Plug

Page 4 of 4

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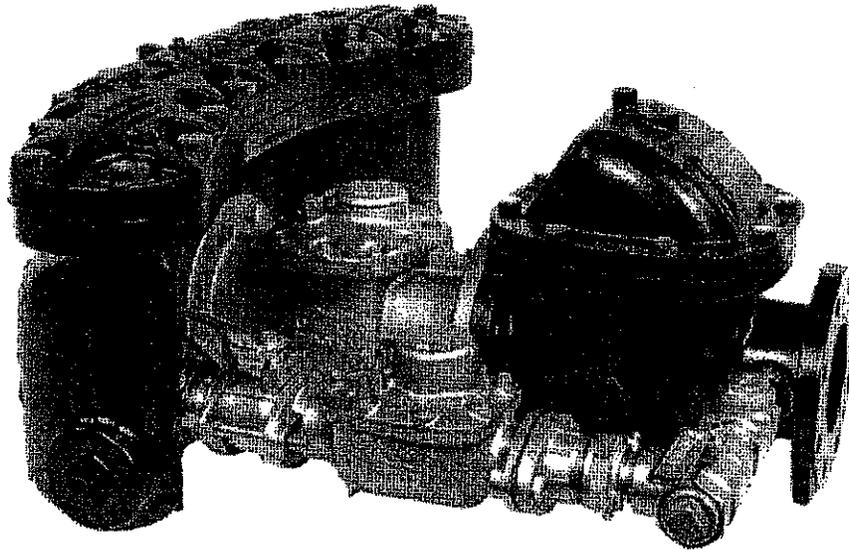
FM-721-R1

# Compact FireLine

4, 6, 8, 10-Inch Fire Service Assemblies

(Compact Fire Service) Bronze Magnetic Drive Size 10" (DN 250mm)

**FIRELINE**®



## FireLine® Fire Service Meter Assemblies

### Sizes:

4" (DN 100mm) x 1-1/2" (DN 40mm)

6" (DN 150mm) x 2" (DN 50mm)

8" (DN 200mm) x 2" (DN 50mm)

10" (DN 250mm) x 2" (DN 50mm)

**COMPACT FIRELINE FIRE SERVICE WATER METER ASSEMBLIES**

Compact Sensus FireLine® Meter Assemblies save time and reduce installation costs by eliminating the need for a secondary service line in industrial, multi-residential and commercial applications. They can also be used in various manufacturing or processing applications where frequent high-capacity water flows are encountered.

FireLine Meter Assemblies with 1-1/2" and 2" Turbo Meters on the by-pass are UL Listed and FM approved. All Compact FireLine Meter Assemblies comply with ANSI/AWWA Standard C703 (most recent revision) and are individually performance tested to insure compliance

Each Compact FireLine assembly includes a 4", 6", 8" or 10" size Sensus "W" Series Turbo Meter and strainer to measure high volume water flows, and a 1-1/2" or 2" Sensus "W" Series Turbo Meter to measure water flows within normal usage ranges. Whenever instantaneous high volume flow is required such as when a building's automatic fire sprinkler or deluge system is activated, the Compact FireLine Meter Assembly automatically switches to its higher volume flow path. The high volume flows are measured by both meters as the water passes through the assembly

Compact FireLine Meter Assemblies include all valves, meters, strainers and by-pass piping required. Each assembly is shipped completely assembled, ready to install.

Compact FireLine Fire Service Meter Assemblies are designed to be an exact replacement fit for inefficient or worn fire service meters having a short laying length.

Their specially designed fire service strainers help eliminate the need for digging extra deep pits or enlarging existing vaults for replacement applications. Compact FireLine Meter Assemblies can be ordered with optional electronic communication (ECR) registers for above-ground on-site or remote meter reading.

**1. High Capacity Turbo Meter**

Compact FireLine Meter Assemblies include a 4", 6", 8" or 10" "W" Series bronze Turbo Meter, proven in years of dependable service. Each is accuracy and pressure tested at the factory eliminating the need for adjustments in the field.

"W" Series Turbo Meters consist of two basic components; the maincase and a removable measuring chamber. Straightening vanes in the maincase minimize water "swirl" upstream of the meter, helping direct the flow evenly to the rotor.

"W" Series Turbo Meters feature a patented right angle magnetic drive. The only moving part exposed to water is the rotor assembly.

**2. Compact Strainer**

The patented compact V-shaped strainer screen is made of stainless steel and is designed to prevent debris or objects from damaging the meter's rotor or clogging the assembly. The compact strainer's narrow design body and lid are made of ductile iron. The removable lid provides easy access to the screen for routine inspection and maintenance.

**3. Detector Check Valve**

A gravity induced bronze clapper in the detector check valve directs any normal flow in the system through the smaller "regular strainservice" Turbo Meter and bypass. When full flow capacity is required, the clapper opens fully allowing unobstructed water flow.

**4. Series "W" Turbo Meter On By-Pass**

Each 4", 6", 8" and 10" Compact FireLine Meter Assembly includes either Model W-120 1/2" or Model W-160 2" Turbo Meter on the bypass to provide an operating range of from 4 to 160 gallons a minute (0.9 to 36 m³/h). Accuracy registration of the 2" or 1-1/2" Turbo Meter is 100% ±1.5% of actual throughput.

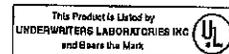
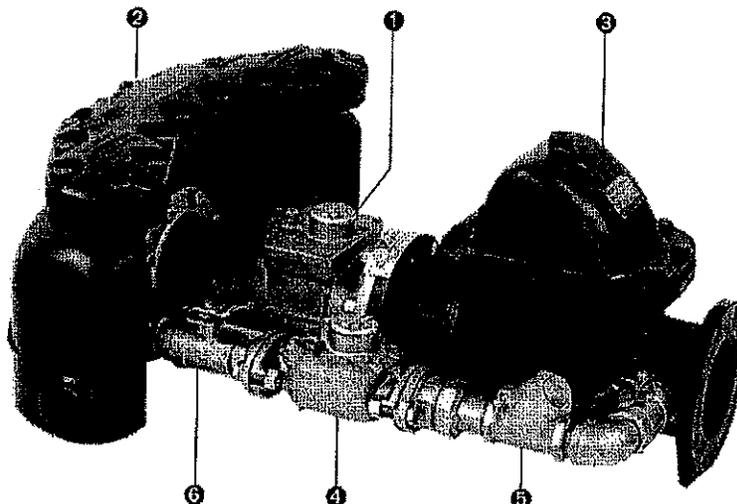
These meters feature a patented right angle magnetic drive which eliminates conventional worm or miter gears normally required for horizontally mounted rotors or turbine measuring elements. Each meter is factory tested to ensure years of trouble free service.

**5. Check Valves**

The valve is used to check or impede backflow in the line. Line pressure forces an internal disc to open, allowing water flow in the direction desired. When pressure drops gravity and line backpressure close the disc, impeding backflow

**6. Ball Valves**

Each Compact FireLine Meter Assembly includes two lockable ball valves; one upstream and one downstream of the normal service meter. Optional bronze gate valves are also available.



**SPECIFICATIONS, MATERIALS AND DIMENSIONS**

All Turbo Meters used in FireLine Meter Assemblies utilize hermetically sealed, direct read registers which are available in readouts of gallons, cubic feet, or metric units, as specified.

Electronic and remote reading registers are available. Consult your Sales Representative for more details

**LIST OF MATERIALS - 4"**

No.	Name	Quantity	Material
1	Sensus 4" Turbo Meter	1	Bronze
2	Compact Strainer	1	Ductile Iron
3	Sensus Detector Check Valve	1	Cast Iron
4	Sensus 1-1/2" Turbo Meter	1	Bronze
5	Check Valve	1	Bronze
6	Ball Valve - Locking <sup>1</sup>	2	Bronze
7	Upstream Bolts Supplied as Standard Equipment	8	Type 316 Stainless Steel
	4" Smith-Blair Flanged Coupling Adapter (Optional-Not Shown) <sup>2</sup>	1	Cast Iron

**DIMENSIONS - 4"**

A	Laying Length	33.00"
B	Overall Height	16.25"
C	Center Line to Meter Base	4.50"
D	Center Line to Strainer Base	4.50"
E	Overall Width	35.00"
F	Center Line to Center Line	11.75"
G	Center Line to By-Pass Extreme	14.25"
	Flanged Coupling Adapter Length	4.56"
	By-Pass Size (nom.)	1.50"
	Weight (Lbs)	480

**FLOW RANGES AND ACCURACY LIMITS - 4"**

4" Continuous Flows: 4 to 1000 GPM
Intermittent Flows: 1250 GPM
Low Flows: 3 GPM
Accuracy: ±1.5% of Actual Throughput-95% at Low Flow

**LIST OF MATERIALS - 6"**

No.	Name	Quantity	Material
1	Sensus 6" Turbo Meter	1	Bronze
2	Compact Strainer	1	Ductile Iron
3	Sensus Detector Check Valve	1	Cast Iron
4	Sensus 2" Turbo Meter	1	Bronze
5	Check Valve	1	Bronze
6	Ball Valve - Locking <sup>1</sup>	2	Bronze
7	Upstream Bolts Supplied as Standard Equipment	8	Type 316 Stainless Steel
	6" Smith-Blair Special 913 Flanged Coupling Adapter (Optional-Not Shown) <sup>2</sup>	1	Fabricated Steel

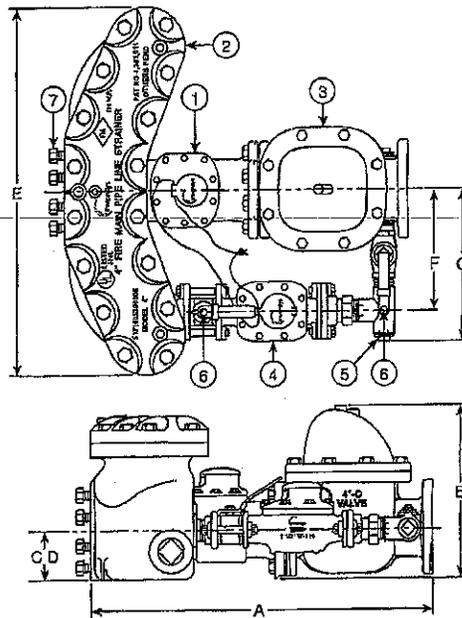
**DIMENSIONS - 6"**

A	Laying Length	45.00"
B	Overall Height	20.75"
C	Center Line to Meter Base	5.75"
D	Center Line to Strainer Base	5.75"
E	Overall Width	40.44"
F	Center Line to Center Line	11.34"
G	Center Line to By-Pass Extreme	14.25"
	Flanged Coupling Adapter Length	5.00"
	By-Pass Size (nom.)	2.00"
	Weight (Lbs)	950

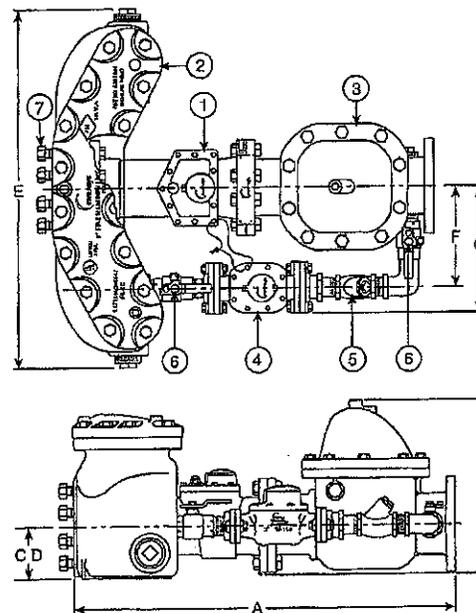
**FLOW RANGES AND ACCURACY LIMITS - 6"**

6" Continuous Flows: 4 to 2000 GPM
Intermittent Flows: 2500 GPM
Low Flows: 3 GPM
Accuracy: ±1.5% of Actual Throughput-95% at Low Flow

<sup>1</sup> Bronze gate valve optional  
<sup>2</sup> Pipeline OD required  
<sup>3</sup> Except at crossover



4"



6"

**SPECIFICATIONS, MATERIALS AND DIMENSIONS**

All Turbo Meters used in FireLine Meter Assemblies utilize hermetically sealed, direct read registers which are available in readouts of gallons, cubic feet, or metric units, as specified.

Electronic and remote reading registers are available. Consult your Sales Representative for more details.

**LIST OF MATERIALS -- 8"**

No.	Name	Quantity	Material
1	Sensus 8" Turbo Meter	1	Bronze
2	Compact Strainer	1	Ductile Iron
3	Sensus Detector Check Valve	1	Cast Iron
4	Sensus 2" Turbo Meter	1	Bronze
5	Check Valve	1	Bronze
6	Ball Valve -- Locking <sup>1</sup>	2	Bronze
7	Upstream Bolts Supplied as Standard Equipment	8	Type 316 Stainless Steel
	8" Smith-Blair Special 913 Flanged Coupling Adapter (Optional-Not Shown) <sup>2</sup>	1	Fabricated Steel

**DIMENSIONS -- 8"**

A	Laying Length	53.00"
B	Overall Height	24.00"
C	Center Line to Meter Base	6.75"
D	Center Line to Strainer Base	6.75"
E	Overall Width	45.50"
F	Center Line to Center Line	13.65"
G	Center Line to By-Pass Extreme	17.00"
	Flanged Coupling Adapter Length	5.13"
	By-Pass Size (nom.)	2.00"
	Weight (Lbs)	1175

**FLOW RANGES AND ACCURACY LIMITS -- 8"**

8" Continuous Flows: 4 to 3500 GPM  
 Intermittent Flows: 4400 GPM  
 Low Flows: 3 GPM  
 Accuracy: ±1.5% of Actual Throughput-95% at Low Flow

**LIST OF MATERIALS -- 10"**

No.	Name	Quantity	Material
1	Sensus 10" Turbo Meter	1	Bronze
2	Compact Strainer	1	Ductile Iron
3	Sensus Detector Check Valve	1	Cast Iron
4	Sensus 2" Turbo Meter	1	Bronze
5	Check Valve	1	Bronze
6	Ball Valve -- Locking <sup>1</sup>	2	Bronze
7	Upstream Bolts Supplied as Standard Equipment	8	Type 316 Stainless Steel
	10" Smith-Blair Special 913 Flanged Coupling Adapter (Optional-Not Shown) <sup>2</sup>	1	Fabricated Steel

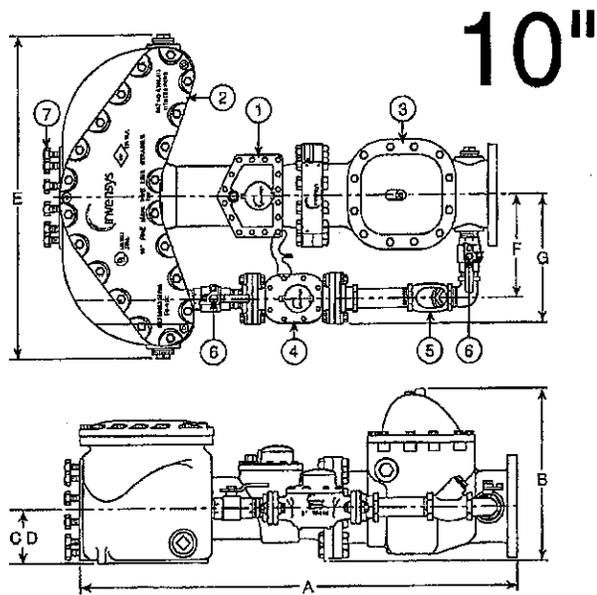
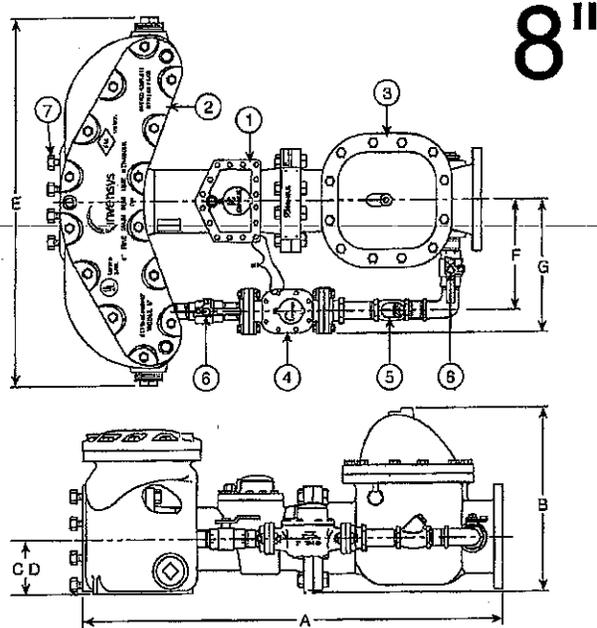
**DIMENSIONS -- 10"**

A	Laying Length	68.00"
B	Overall Height	28.13"
C	Center Line to Meter Base	8.50"
D	Center Line to Strainer Base	8.50"
E	Overall Width	50.00"
F	Center Line to Center Line	16.18"
G	Center Line to By-Pass Extreme	18.74"
	Flanged Coupling Adapter Length	5.56"
	By-Pass Size (nom.)	2.00"
	Weight (Lbs)	1840

**FLOW RANGES AND ACCURACY LIMITS -- 10"**

10" Continuous Flows: 4 to 5500 GPM  
 Intermittent Flows: 7000 GPM  
 Low Flows: 3 GPM  
 Accuracy: ±1.5% of Actual Throughput-95% at Low Flow

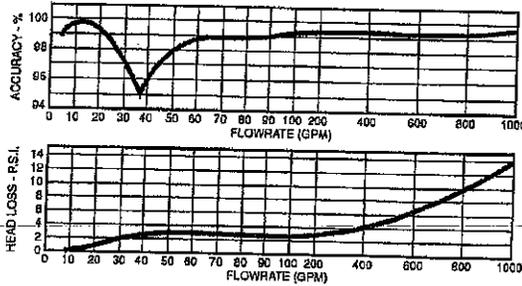
<sup>1</sup> Bronze gate valve optional  
<sup>2</sup> Pipeline OD required  
<sup>3</sup> Except at crossover



**FIRELINE® METER ASSEMBLIES -  
ACCURACY AND HEAD LOSS CURVES**

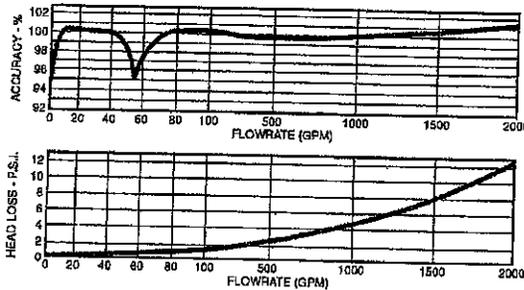
**4"**

**Accuracy and Head Loss Curves**  
4" FireLine Assembly with 1-1/2" Bronze By-Pass and 1-1/2" W-120 Turbo Meter



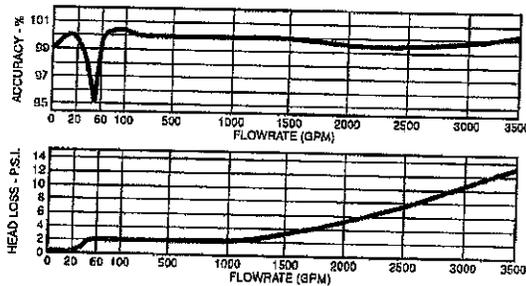
**6"**

**Accuracy and Head Loss Curves**  
6" FireLine Assembly with 2" Bronze By-Pass and 2" W-160 Turbo Meter



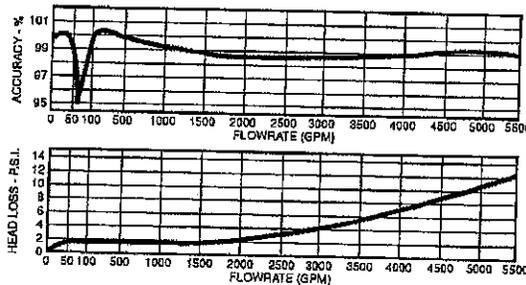
**8"**

**Accuracy and Head Loss Curves**  
8" FireLine Assembly with 2" Bronze By-Pass and 2" W-160 Turbo Meter



**10"**

**Accuracy and Head Loss Curves**  
10" FireLine Assembly with 2" Bronze By-Pass and 2" W-160 Turbo Meter



**TOUCHREAD® SYSTEM**

The fast, accurate, safe and efficient way to read underground vault-set water meters



TouchRead System registers and lid-mounted modules can be optionally added to your Sensus fire service or other underground meters to provide a faster, more efficient way to obtain readings from vault-set meters. The TouchRead System provides a realistic payback by eliminating many of the problems associated with reading underground meters—such as pumping out flooded vaults or sending two-person crews to comply with confined space safety regulations.

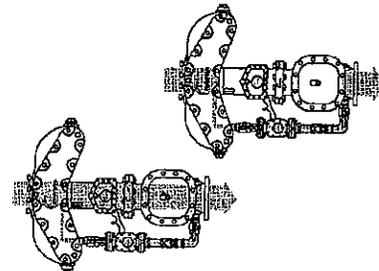
TouchRead equipped vault-set meters are read by touching the tip of a PitProbe reading gun to an electronic module mounted in the vault lid and depressing a button on the gun's handle. In about two seconds, each meter's reading data is electronically transferred to a hand held visual reader or Handheld device carried by the meter reader.

For more information, contact your Sensus representative or authorized distributor.

**DUAL RANGE ACCURACY FROM A SINGLE SERVICE LINE**

FireLine Meter Assemblies provide a dual range water flow path. During normal flow range usage, the flow travels through only the smaller line and is accurately measured by the 1-1/2" W-120 or 2" W-160 Turbo Meter.

For sudden high capacity flow requirements — such as when a building's automatic fire sprinkler or deluge system is activated, the assembly's detector check valve responds to the demand and automatically opens the flow path to include the large line. At high flow, both meters will be measuring and supplying water. No outside electronic switching devices are required.



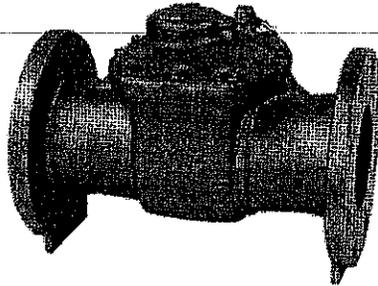
P.O. Box 487 | 450 North Gallatin Avenue  
Uniontown, PA 15401 USA  
T: 1-800-638-3748  
F: 1-800-888-2403  
www.sensus.com/water  
h2oinfo@sensus.com

TM-952-R2

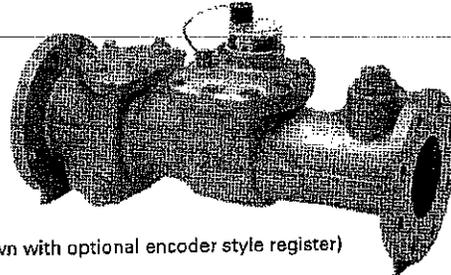
# Series "W" Turbo Meters

Parts List

**MODEL W-1000 DR**  
Bronze Case, Magnetic Drive, Flanged Ends, Size 4"

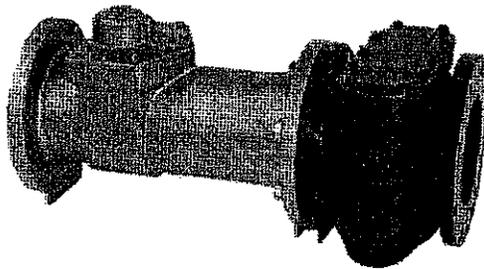


**MODEL W-1000 DRS**  
Bronze Case, Magnetic Drive, Integral Strainer Flanged Ends, Size 4"

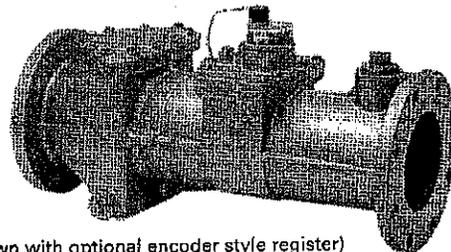


(Shown with optional encoder style register)

**MODEL W-2000 DR**  
Bronze Case, Magnetic Drive, Flanged or Screwed Ends, Size 6"

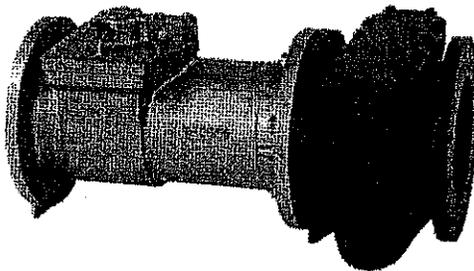


**MODEL W-2000 DRS**  
Bronze Case, Magnetic Drive, Integral Strainer, Flanged Ends, Size 6"

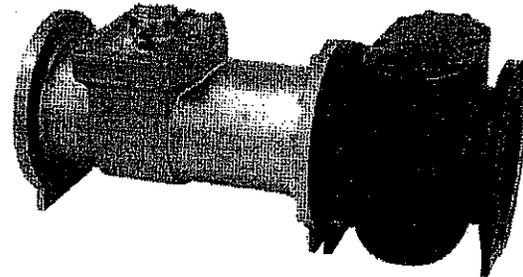


(Shown with optional encoder style register)

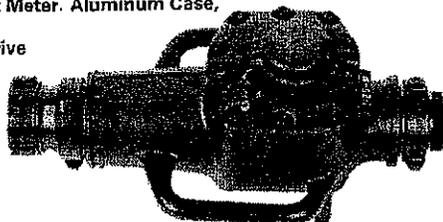
**MODEL W-3500 DR**  
Bronze Case, Magnetic Drive, Flanged Ends, Size 8"



**MODEL W-5500 DRS**  
Bronze Case, Magnetic Drive, Integral Strainer, Flanged Ends, Size 10"

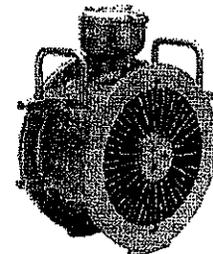


**MODEL 1125-W**  
Fire Hydrant Meter, Aluminum Case,  
Magnetic Drive  
Size 3"

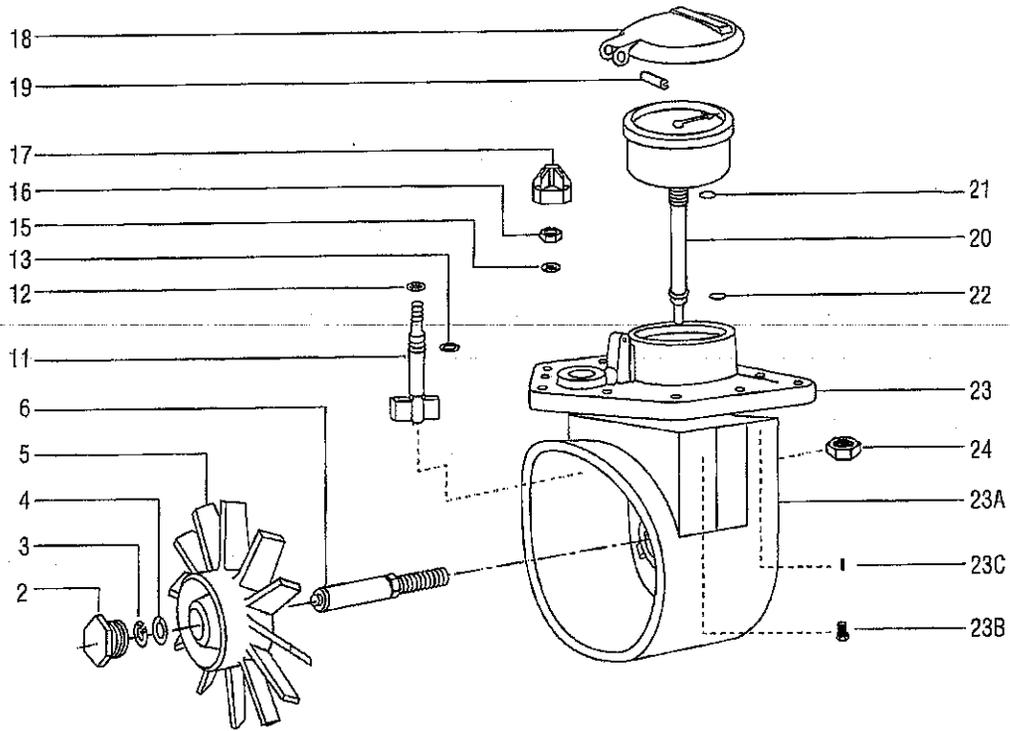


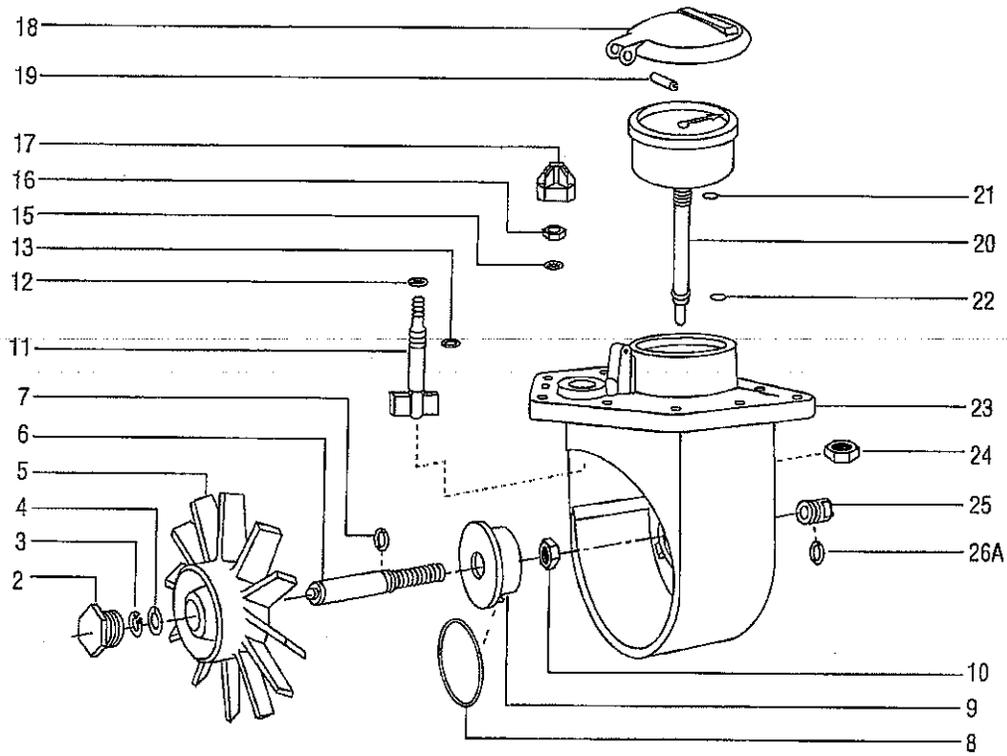
(Shown without standard hydrant support)

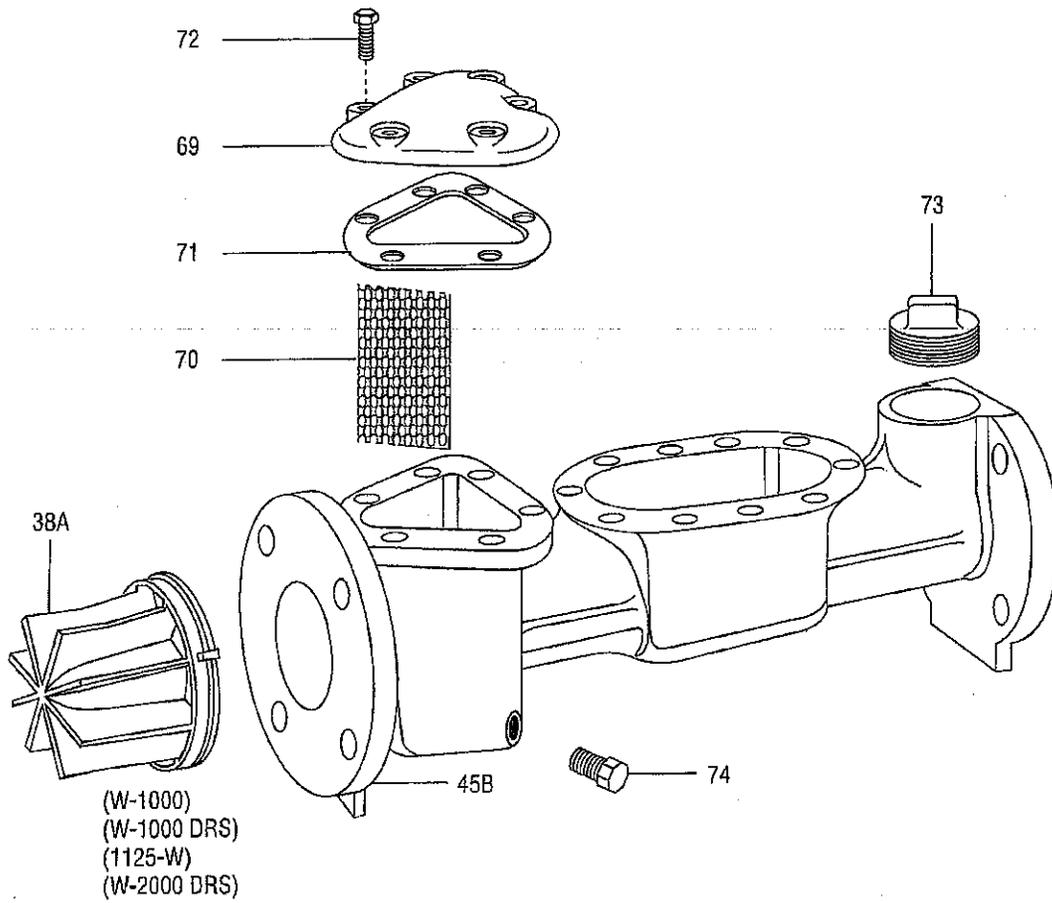
**MODEL W-2000 DRSL**  
Fire Hydrant Meter  
Aluminum Case, Magnetic Drive  
Size 3"

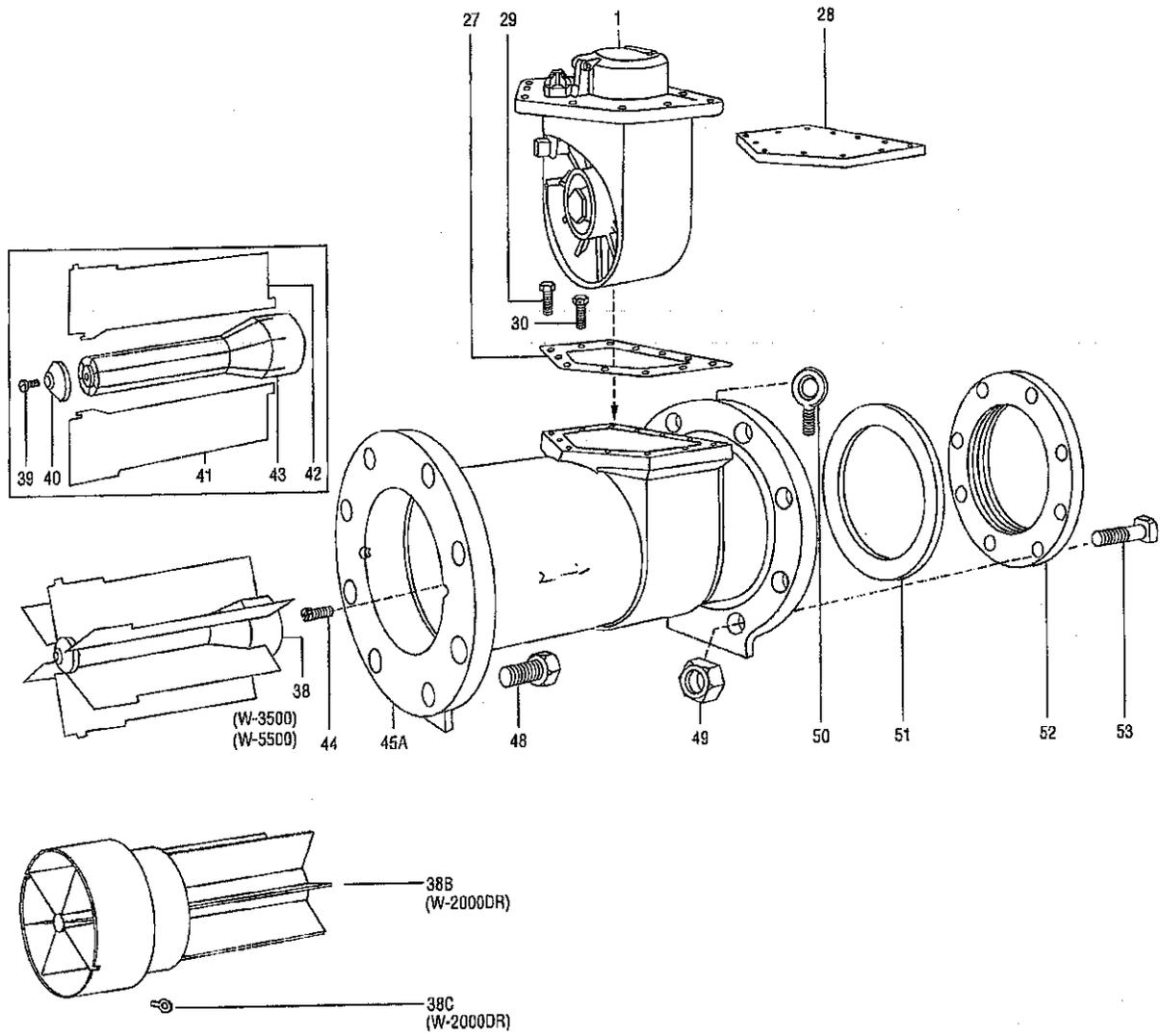


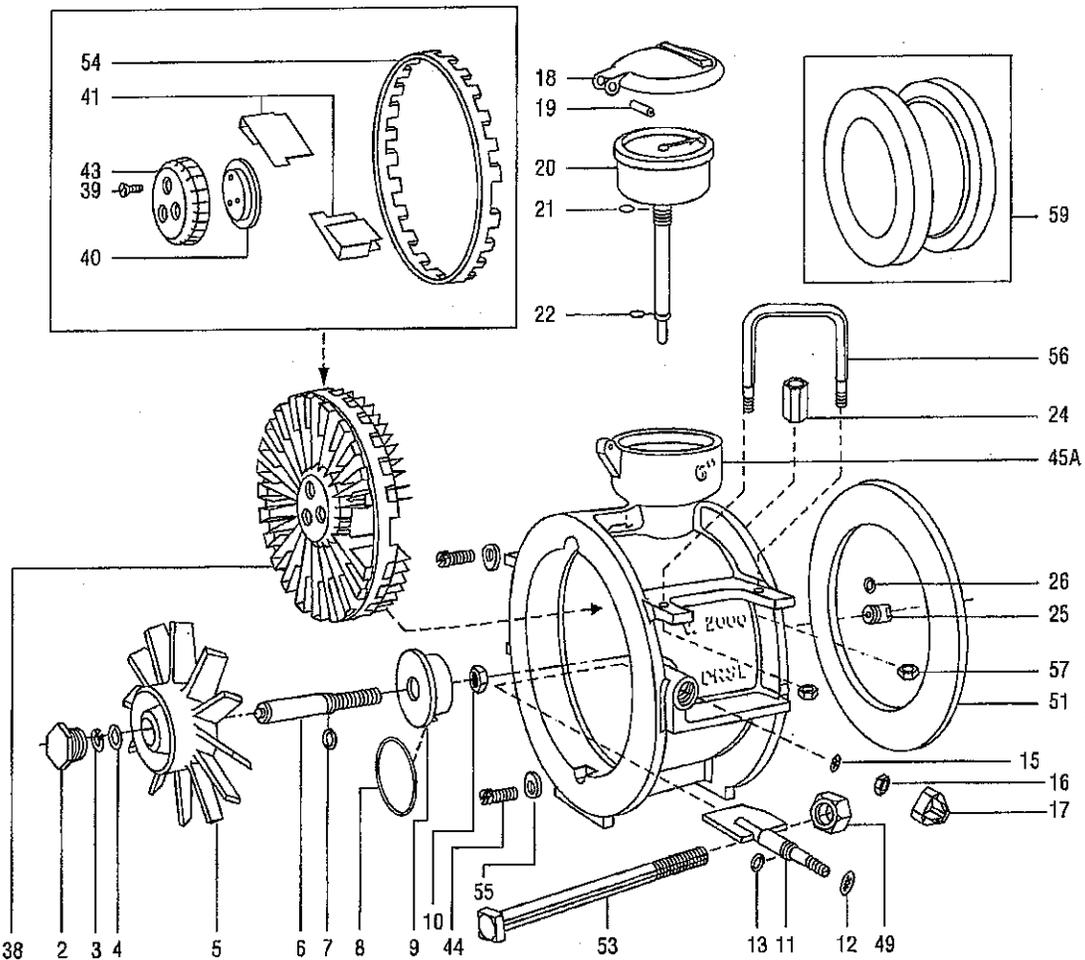
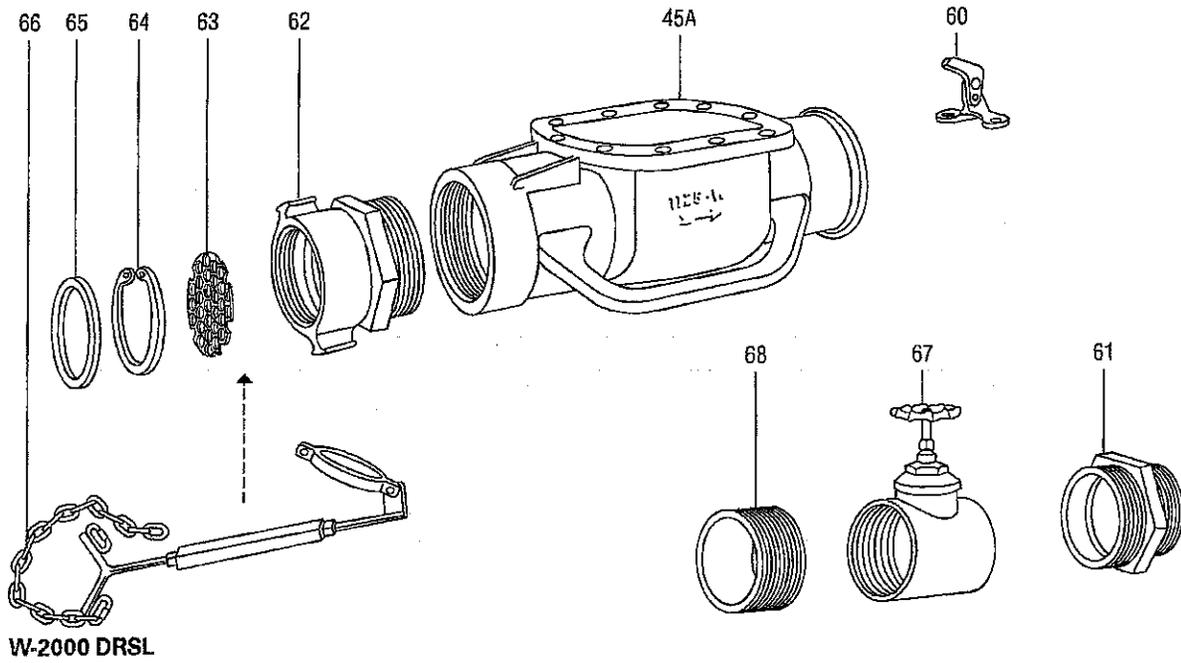
TM-952-R2











ILL. No.	Name of Part
1	Measuring Chamber Complete
2	Rotor Cap
3	Rotor Retaining Ring
4	Rotor Thrust Spacer <sup>2</sup>
5	Rotor <sup>3A</sup>
6	Rotor Shaft <sup>3A</sup>
7	Rotor Shaft O-Ring
8	Face Plate O-Ring
9	Face Plate <sup>5</sup>
10	Rotor Shaft Adjusting Nut
11	Adjusting Vane
12	Adjusting Vane Lock Washer
13	Adjusting Vane O-Ring
15	Adjusting Vane Lock Washer
16	Adjusting Vane Lock Nut
17	Adjusting Vane Cap
18	Register Cover—Metal
19	Register Cover Hinge Pin
20	Sealed Register <sup>4</sup>
21	Register Gasket <sup>4</sup>
22	Register O-Ring <sup>4</sup>
23	Measuring Chamber Cover <sup>5</sup>
23A	Measuring Chamber Body (Plastic)
23B	Measuring Chamber Cap Screw <sup>5</sup>
23C	Locating Pin
24	Register Locking Nut
25	Rotor Shaft Seal Nut
26A	Seal Nut O-Ring
27	Main Flange Gasket
28	Blank Cover Plate
29	Main Flange Cap Screw
30	Main Flange Cap Screw (Drilled)
38	Flow Straightener Assembly Complete
38A	Flow Straightener Complete
38B	Flow Straightener Complete-W2000 DR only
38C	Holding Tab

**Notes:**

Meter Modernization and Maintenance Plan (MMP) provides for factory rebuilt chambers and/or component purchase

ILL. No.	Name of Part
39	Flow Straightener Locking Screw
40	Nose Piece
41	Straightening Vane (without Tab)
42	Straightener Vane (with Tab)
43	Center Support
44	Flow Straightener Holding Screw
45A	Main Case DR and DRSL <sup>7</sup>
45B	Main Case DRS (with Strainer and Test Plug) <sup>7</sup>
48	Flange Cap Screw
49	Flange Nut
50	Eye Bolt
51	Companion Flange Gasket
52	Companion Flange—Cast Iron
52B	Companion Flange—Bronze
53	Flange Bolt
54	Outer Ring
55	Flow Straightener Holding Tab
56	Handle
57	Handle Nut
59	Spool Piece (W-2000 DRSL Only)
60	Lid Locking Hasp
61	3" x 2 1/2" Coupling—Male Threads <sup>8B</sup>
62	Inlet Female Swivel Coupling w/Screen <sup>6</sup>
63	Screen
64	C Clip
65	Gasket
66	Hydrant Meter Support Assembly
67	3" Gate Valve Assembly <sup>8</sup>
68	3" Adapter Nipple <sup>8</sup>
69	Strainer Cover (DRS Only)
70	Screen (DRS Only)
71	Gasket (DRS Only)
72	Strainer Cover Cap Screw (DRS Only)
73	Test Plug (DRS Only)
74	Drain Plug (DRS Only)

1 Refer to Modernization and Maintenance Plan (MMP) for Measuring Chamber Complete. Must specify registration units

2 Two Spacers are required on W-5500 DR Turbo Meters. W-5500 rotor shaft will be shipped with two spacers and retaining ring

3 Upon installation of new rotor, accuracy test and calibration adjustment is recommended

4 Parts are included with replacement register. Specify registration by letter designation:  
A: U.S. Gallon B: Cubic Feet C: Other (Specify)  
If original register was 3-3/8" in diameter, specify replacement register with register adapter ring.

5 The W-1000 measuring chamber is a two piece assembly; M.C. Cover and Cap Screws are not illustrated. All other measuring chambers are one piece.

6 Fire hose threads are 2-1/2" - 7-1/2" NST threads unless otherwise specified

7 Main Case - specify meter model by letter designation

8 Item 67 (3" Gate Valve) requires items 61 and 68.

9 On W-1000, W-1000 DRS, 1125-W For use with R.E.R. assembly. See tester parts list.

All parts for Model 1125-W, with the exception of the maincase, are identical to W-1000. Order accordingly.

TM-952-R2

**WARRANTY:**

Sensus warrants its products only against defects in materials and workmanship. Sensus' liability and customer's exclusive remedy under this warranty or any warranty extends for a period of one (1) year from the date of Sensus' shipment and is expressly limited to repayment of the purchase price, repair or replacement, at Sensus' option, during said period, upon proof satisfactory to Sensus and upon customer's returning and prepaying all charges on such products to factory or warehouse designated by Sensus.

THIS WARRANTY IS MADE EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES; EXPRESS, IMPLIED, OR STATUTORY, WITH RESPECT TO QUALITY, MERCHANTABILITY, OR FITNESS FOR A PARTICULAR PURPOSE.

Page 8 of 8

AUTHORIZED SENSUS DISTRIBUTOR

The logo for Sensus, featuring the word "SENSUS" in a bold, sans-serif font. Above the letters "S" and "U" are small, stylized icons representing water droplets or sensor components.

P.O. Box 487 | 450 North Gallatin Avenue  
Uniontown, PA 15401 USA  
T: 1-800-638-3748  
F: 1-800-888-2403  
[www.sensus.com/water](http://www.sensus.com/water)  
[h2oinfo@sensus.com](mailto:h2oinfo@sensus.com)

OMNI-416-R1

OMNI™ C<sup>2</sup>6" OMNI C<sup>2</sup> Meter

## DESCRIPTION

**Model:** The OMNI C<sup>2</sup> meter operation is based on advanced Floating Ball Technology (FBT) with an operating range of 1.5 GPM (.34 m<sup>3</sup>/hr) @ 95% min. to 2000 GPM (454 m<sup>3</sup>/hr) @ 100% +/- 1.5% registration of actual throughput. The meter is also rated for continuous flows up to 1600 GPM (363 m<sup>3</sup>/hr).

**Conformance to Standards:** The OMNI C<sup>2</sup> meter meets and far exceeds the most recent revision of ANSI / AWWA Standard C701 and C702 class II. Additionally, the meter does not require a valve to meet these standards. Each meter is performance tested to ensure compliance. All OMNI meters are NSF Approved to the latest standards.

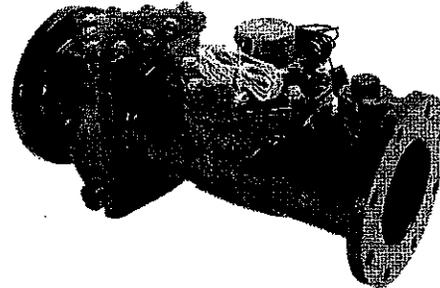
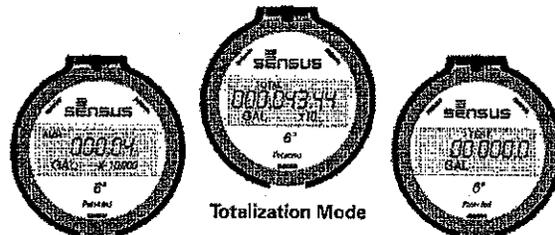
**Performance:** The patented measurement principles of the OMNI C<sup>2</sup> meter assure enhanced accuracy ranges, an overall greater accuracy, and a longer service life than any other comparable class meter produced. The C<sup>2</sup> meter has no restrictions as to sustained flow rates within its continuous operating range. The floating ball measurement technology allows for flows up to its rated maximum capacity without undue wear or accuracy degradation.

**Construction:** The C<sup>2</sup> meter consists of two basic assemblies; the maincase and the measuring chamber. The measuring chamber assembly includes the "floating ball" impeller with a coated titanium shaft, hybrid axial bearings, integral flow straightener and an all electronic programmable register with protective bonnet. The maincase is made from industry proven Ductile Iron with an approved NSF epoxy coating. Maincase features are; easily removable measuring chamber, unique chamber seal to the maincase using a high pressure o-ring, testing port and a convenient integral strainer.

**OMNI Electronic Register:** The C<sup>2</sup> electronic register is hermetically sealed with electronic pickup containing no mechanical gearing. The large character LCD displays AMR, Totalization and a Resettable Test Totalizer. OMNI register features; AMR resolution units that are fully programmable, Pulse output frequency that are fully programmable, Integral customer data logging capability, Integral resettable accuracy testing feature compatible with AR-5000 Testing Assistant Program, Large, easy-to-read LCD also displays both forward and reverse flow directions and all with a 10-year battery life guarantee.

**Magnetic Drive:** Meter registration is achieved by utilizing a fully magnetic pickup system. This is accomplished by the magnetic actions of the embedded rotor magnets and the ultra sensitive register pickup probe. The only moving component in water is the "floating ball" impeller.

**Measuring Element:** The revolutionary thermoplastic, hydrodynamically balanced impeller floats between the bearings. The Floating Ball Technology (FBT) allows the measuring element to operate virtually without friction

6" OMNI C<sup>2</sup>

AMR/AMI Mode

Totalization Mode

Resettable Test Mode

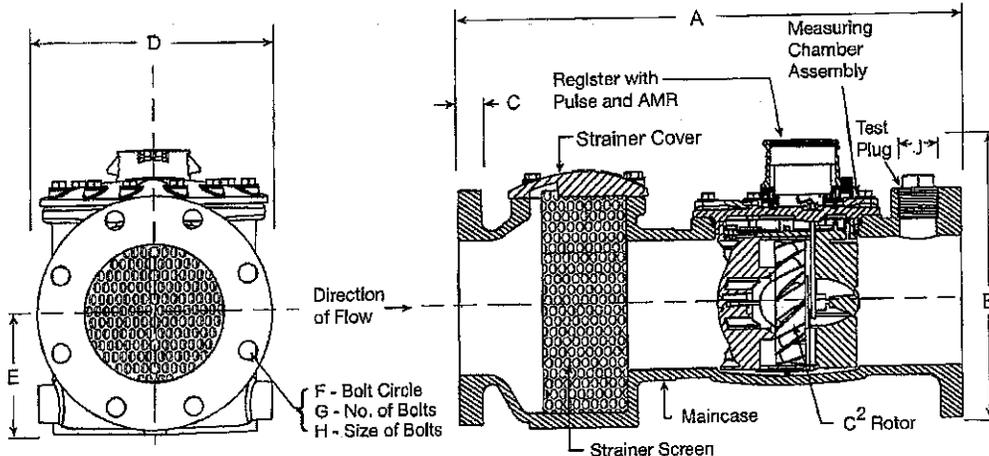
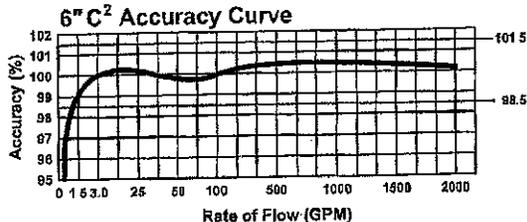
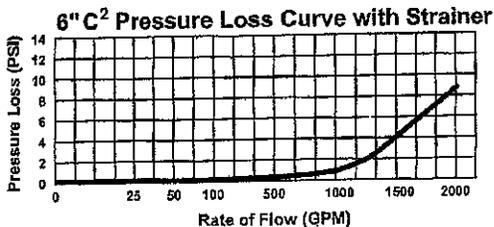
or wear, thus creating the extended upper and lower flow ranges capable on only the OMNI C<sup>2</sup> meter

**Strainer:** The OMNI C<sup>2</sup> with the "V" shaped integral strainer using a stainless steel screen along with Floating Ball Technology (FBT) create a design that gives far improved accuracy even in those once thought questionable settings. A removable strainer cover permits easy access to the screen for routine maintenance. Optional drain ports, located at the back lower corners of the strainer body, allow for easy discharging of debris without the need to remove the cover.

**Maintenance:** The OMNI C<sup>2</sup> meter is designed for easy maintenance. Should any maintenance be required, the measuring chamber and / or strainer cover can be removed independently. Parts and or a replacement measuring chamber may be utilized in the event repairs are needed. Replacement and Measuring Chamber Exchange are available under the Sensus MMP Program for the C<sup>2</sup> meters and this program may also be utilized for retrofitting to competitive meters to achieve increased accuracy and extended service life.

**AMR / AMI Systems:** Meters and encoders are compatible with current Sensus AMR/AMI systems

**Guarantee:** Sensus OMNI C<sup>2</sup> Meters are backed by "The Sensus Guarantee." Ask your Sensus representative for details or see Bulletin G-500.



**DIMENSIONS AND NET WEIGHTS**

Meter and Pipe Size	Normal Operating Range		Connections	Dimensions								Net Weight	Shipping Weight	
	2.5 gpm	2500 gpm		A	B	C	D	E	F	G	H			J
6"	2.5 gpm	2500 gpm	Flanged	24"	13-1/4"	15/16"	11"	5-3/4"	9-1/2"	8	3/4"	1-1/2"	130 lbs.	155 lbs.
DN 150mm	.577 m <sup>3</sup> /hr	5687 m <sup>3</sup> /hr		610mm	336mm	24mm	279mm	146mm	242mm	8	19mm	40mm	48.5 kg.	57.8 kg.

**SPECIFICATIONS**

<b>SERVICE</b>	Measure of potable water. Operating temperature range of 33°F (1.56°C) – 150°F (65.6°C).
<b>OPERATING RANGE</b>	100% ± 1.5% from 3 – 2000 GPM ( 88 - 454 m <sup>3</sup> /hr)
<b>LOW FLOW</b>	95% – 101.5% @ 1.5 GPM ( 34 m <sup>3</sup> /hr)
<b>MAXIMUM CONTINUOUS OPERATION</b>	1600 GPM (363 m <sup>3</sup> /hr)
<b>MAXIMUM INTERMITTENT OPERATION</b>	2000 GPM (454 m <sup>3</sup> /h)
<b>PRESSURE LOSS</b>	5.5 psi @ 1600 GPM ( 56 bar @ 363 m <sup>3</sup> /hr)
<b>MAXIMUM OPERATING PRESSURE</b>	200 PSI (13.8 bar)

<b>FLANGE CONNECTIONS</b>	6" U.S. ANSI B16.1 / AWWA Class 125	
<b>REGISTER</b>	Fully electronic sealed register with programmable registration (Gal./Cu.Ft./ Cu. Mtr. / Imp.Gal / Acre Ft.) Programmable AMR/AMI reading and pulse outputs Guaranteed 10 year battery life	
<b>NSF APPROVED MATERIALS</b>	Maincase:	Coated Ductile Iron
	Measuring Chamber:	Thermoplastic
	Rotor "Floating Ball":	Thermoplastic
	Radial Bearings:	Hybrid Thermoplastic
	Thrust Bearings:	Sapphire/Ceramic Jewel
	Magnets:	Ceramic Magnet
	Strainer Screen:	Stainless Steel
	Strainer Cover:	Coated Ductile Iron
	Test Plug:	Coated Ductile Iron

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OMNI-616

# OMNI<sup>™</sup> F<sup>2</sup>

6" OMNI F<sup>2</sup> Meter

## DESCRIPTION

**Model:** The OMNI F<sup>2</sup> meter operation is based on advanced Floating Ball Technology (FBT) with an operating range of 1.5 GPM (.17 m<sup>3</sup>/hr) @ 95% min. to 2000 GPM (227 m<sup>3</sup>/hr) @ 100% +/- 1.5% registration of actual throughput. The meter is also rated for continuous flows up to 2000 GPM (182 m<sup>3</sup>/hr).

**Conformance to Standards:** The OMNI F<sup>2</sup> meter meets and far exceeds the most recent revision of ANSI / AWWA Standard C703 class II. Additionally, the meter does not require a valve to meet these standards. Each meter is performance tested to ensure compliance. All OMNI meters are NSF Approved to the latest standards. The OMNI F<sup>2</sup> meter is UL (Underwriters Laboratories) Listed and FM (Factory Mutual) approved for use on fire protection and domestic water applications.

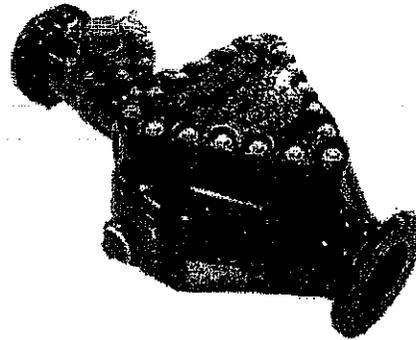
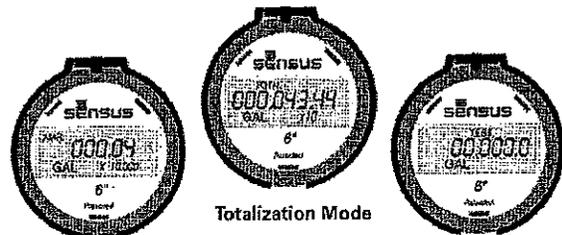
**Performance:** The patented measurement principles of the OMNI F<sup>2</sup> meter assure enhanced accuracy ranges, an overall greater accuracy, and a longer service life than any other comparable class meter produced. The F<sup>2</sup> meter has no restrictions as to sustained flow rates within its continuous operating range. The floating ball measurement technology allows for flows up to its rated maximum capacity without undue wear or accuracy degradation.

**Construction:** The F<sup>2</sup> meter consists of two basic assemblies; the maincase and the measuring chamber. The measuring chamber assembly includes the "floating ball" impeller with a coated titanium shaft, hybrid axial bearings, integral flow straightener and an all electronic programmable register with protective bonnet. The maincase is made from industry proven Ductile Iron with an approved NSF epoxy coating. Maincase features are; easily removable measuring chamber, unique chamber seal to the maincase using a high pressure o-ring, testing port and a convenient integral strainer with optional drain/debris-flushing ports.

**OMNI Electronic Register:** The F<sup>2</sup> electronic register is hermetically sealed with electronic pickup containing no mechanical gearing. The large character LCD displays AMR, Totalization and a Resettable Test Totalizer. OMNI register features; AMR resolution units that are fully programmable, Pulse output frequency that are fully programmable, Integral customer data logging capability, Integral resettable accuracy testing feature compatible with AR-5000 Testing Assistant Program, Large, easy-to-read LCD also displays both forward and reverse flow directions and all with a 10-year battery life guarantee.

**Magnetic Drive:** Meter registration is achieved by utilizing a fully magnetic pickup system. This is accomplished by the magnetic actions of the embedded rotor magnets and the ultra sensitive register pickup probe. The only moving component in water is the "floating ball" impeller.

**Measuring Element:** The revolutionary thermoplastic, hydro dynamically balanced impeller floats between the

6" OMNI F<sup>2</sup>

AMR/AMI Mode

Totalization Mode

Resettable Test Mode

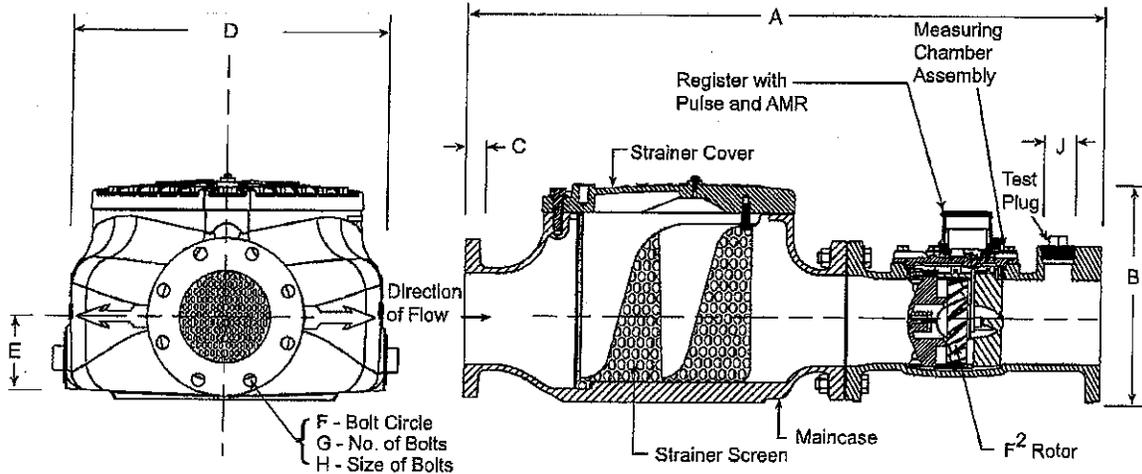
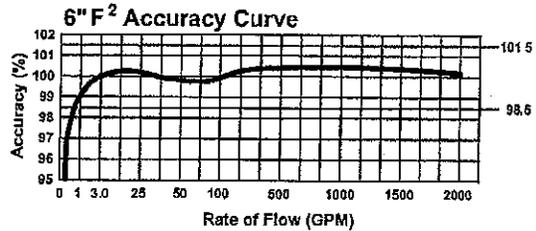
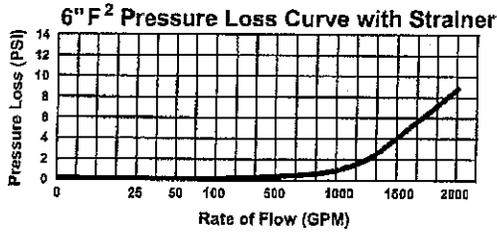
bearings. The Floating Ball Technology (FBT) allows the measuring element to operate virtually without friction or wear, thus creating the extended upper and lower flow ranges capable on only the OMNI F<sup>2</sup> meter.

**Strainer:** The OMNI F<sup>2</sup> meter includes the Sensus designed "V" shaped UL Listed/FM approved strainer which utilizes a stainless steel screen along with Floating Ball Technology (FBT) to create a design that gives far improved accuracy even in those once thought questionable settings. A removable strainer cover permits easy access to the screen for routine maintenance. Optional drain ports, located at the back lower corners of the strainer body, allow for easy discharging of debris without the need to remove the cover.

**Maintenance:** The OMNI F<sup>2</sup> meter is designed for easy maintenance. Should any maintenance be required, the measuring chamber and / or strainer cover can be removed independently. Parts and or a replacement measuring chamber may be utilized in the event repairs are needed. Replacement and Measuring Chamber Exchange are available under the Sensus MMP Program for the F<sup>2</sup> meters.

**AMR / AMI Systems:** Meters and encoders are compatible with current Sensus AMR/AMI systems.

**Guarantee:** Sensus OMNI F<sup>2</sup> Meters are backed by "The Sensus Guarantee." Ask your Sensus representative for details or see Bulletin G-500.



**DIMENSIONS AND NET WEIGHTS**

Meter and Pipe Size	Normal Operating Range	Connections	Dimensions										Net Weight	Shipping Weight
			A	B	C	D	E	F	G	H	J			
6"	3.0 gpm / 2000 gpm	Flanged	45"	15-3/4"	15/16"	22-3/8"	5-3/4"	9-1/2"	8	3/4"	2"	394 lbs.	448 lbs.	
DN 150mm	.681 m <sup>3</sup> /hr / 454 m <sup>3</sup> /hr		1143mm	400mm	24mm	569mm	146mm	242mm	8	19mm	50mm	178 kg	204 kg.	

An optional spool piece and associated hardware is available to obtain the standard Fireline meter length of 67-5/8" (1717mm).

**SPECIFICATIONS**

<b>SERVICE</b>	Measure of potable water. Operating temperature range of 33°F (56°C) – 150°F (65.6°C)
<b>OPERATING RANGE</b>	100% ± 1.5% from 3.0 – 2000 GPM (34 - 227 m <sup>3</sup> /hr)
<b>LOW FLOW</b>	95% – 101.5% @ 1.5 GPM (.06 m <sup>3</sup> /hr)
<b>MAXIMUM CONTINUOUS OPERATION</b>	2000 GPM (454 m <sup>3</sup> /hr)
<b>MAXIMUM INTERMITTENT OPERATION</b>	2500 GPM (568 m <sup>3</sup> /h)
<b>PRESSURE LOSS</b>	6.7 psi @ 2000 GPM ( 56 bar @ 454 m <sup>3</sup> /hr)
<b>MAXIMUM OPERATING PRESSURE</b>	175 PSI (12 bar)

<b>FLANGE CONNECTIONS</b>	6" U.S. ANSI 616.1 / AWWA Class 125	
<b>REGISTER</b>	Fully electronic sealed register with programmable registration (Gal./Cu.Ft./ Cu. Mtr./ Imp.Gal/ Acre Ft) Programmable AMR/AMI reading and pulse outputs Guaranteed 10 year battery life	
<b>NSF APPROVED MATERIALS</b>	Maincase:	Coated Ductile Iron
	Measuring Chamber:	Thermoplastic
	Rotor "Floating Ball":	Thermoplastic
	Radial Bearings:	Hybrid Thermoplastic
	Thrust Bearings:	Sapphire/Ceramic Jewel
	Magnets:	Ceramic Magnet
	Strainer Screen:	Stainless Steel
	Strainer Cover:	Coated Ductile Iron
	Test Plug:	Coated Ductile Iron

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OMNI-G14

# OMNI™ F<sup>2</sup>

4" OMNI F<sup>2</sup> Meter

## DESCRIPTION

**Model:** The OMNI F<sup>2</sup> meter operation is based on advanced Floating Ball Technology (FBT) with an operating range of 75 GPM (.17 m<sup>3</sup>/hr) @ 95% min. to 1000 GPM (227 m<sup>3</sup>/hr) @ 100% +/- 1.5% registration of actual throughput. The meter is also rated for continuous flows up to 1000 GPM (182 m<sup>3</sup>/hr).

**Conformance to Standards:** The OMNI F<sup>2</sup> meter meets and far exceeds the most recent revision of ANSI / AWWA Standard C703 class II. Additionally, the meter does not require a valve to meet these standards. Each meter is performance tested to ensure compliance. All OMNI meters are NSF Approved to the latest standards. The OMNI F<sup>2</sup> meter is UL (Underwriters Laboratories) Listed and FM (Factory Mutual) approved for use on fire protection and domestic water applications.

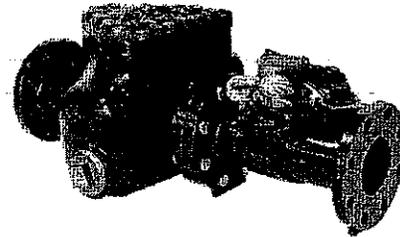
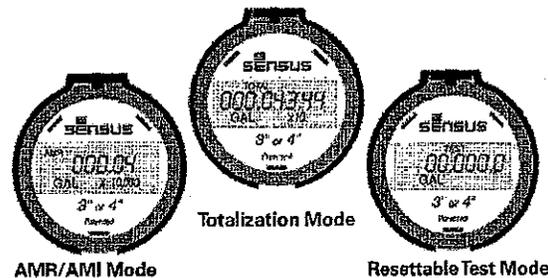
**Performance:** The patented measurement principles of the OMNI F<sup>2</sup> meter assure enhanced accuracy ranges, an overall greater accuracy, and a longer service life than any other comparable class meter produced. The F<sup>2</sup> meter has no restrictions as to sustained flow rates within its continuous operating range. The floating ball measurement technology allows for flows up to its rated maximum capacity without undue wear or accuracy degradation.

**Construction:** The F<sup>2</sup> meter consists of two basic assemblies; the maincase and the measuring chamber. The measuring chamber assembly includes the "floating ball" impeller with a coated titanium shaft, hybrid axial bearings, integral flow straightener and an all electronic programmable register with protective bonnet. The maincase is made from industry proven Ductile Iron with an approved NSF epoxy coating. Maincase features are; easily removable measuring chamber, unique chamber seal to the maincase using a high pressure o-ring, testing port and a convenient integral strainer with optional drain/debris-flushing ports.

**OMNI Electronic Register:** The F<sup>2</sup> electronic register is hermetically sealed with electronic pickup containing no mechanical gearing. The large character LCD displays AMR, Totalization and a Resettable Test Totalizer. OMNI register features; AMR resolution units that are fully programmable, Pulse output frequency that are fully programmable, integral customer data logging capability, Integral resettable accuracy testing feature compatible with AR-5000 Testing Assistant Program, Large, easy-to-read LCD also displays both forward and reverse flow directions and all with a 10-year battery life guarantee.

**Magnetic Drive:** Meter registration is achieved by utilizing a fully magnetic pickup system. This is accomplished by the magnetic actions of the embedded rotor magnets and the ultra sensitive register pickup probe. The only moving component in water is the "floating ball" impeller.

**Measuring Element:** The revolutionary thermoplastic, hydro dynamically balanced impeller floats between the

4" OMNI F<sup>2</sup>

AMR/AMI Mode

Totalization Mode

Resettable Test Mode

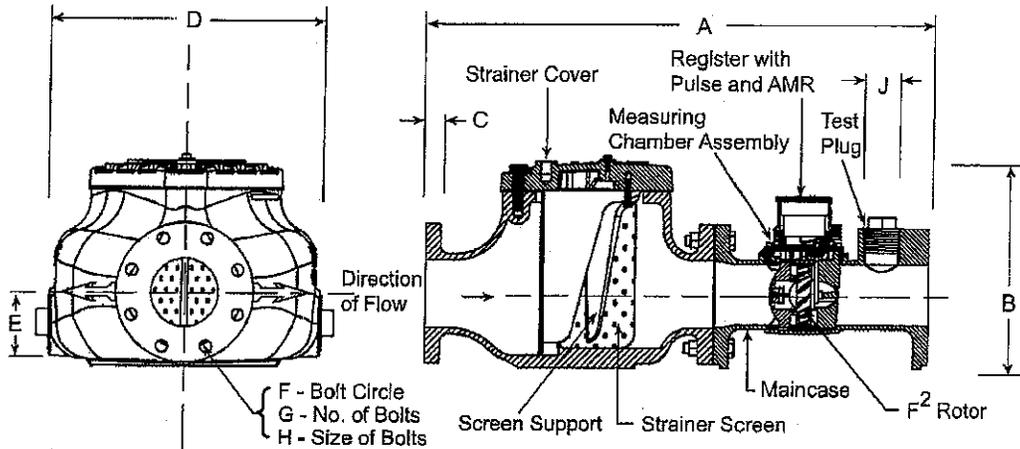
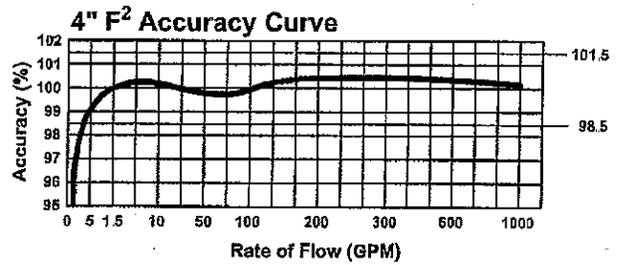
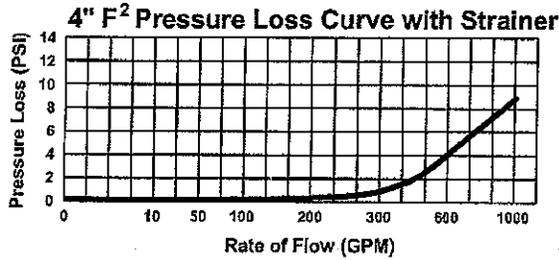
bearings. The Floating Ball Technology (FBT) allows the measuring element to operate virtually without friction or wear, thus creating the extended upper and lower flow ranges capable on only the OMNI F<sup>2</sup> meter.

**Strainer:** The OMNI F<sup>2</sup> meter includes the Sensus designed "V" shaped UL Listed/FM approved strainer which utilizes a stainless steel screen along with Floating Ball Technology (FBT) to create a design that gives far improved accuracy even in those once thought questionable settings. A removable strainer cover permits easy access to the screen for routine maintenance. Optional drain ports, located at the back lower corners of the strainer body, allow for easy discharging of debris without the need to remove the cover.

**Maintenance:** The OMNI F<sup>2</sup> meter is designed for easy maintenance. Should any maintenance be required, the measuring chamber and / or strainer cover can be removed independently. Parts and or a replacement measuring chamber may be utilized in the event repairs are needed. Replacement and Measuring Chamber Exchange are available under the Sensus MMP Program for the F<sup>2</sup> meters.

**AMR / AMI Systems:** Meters and encoders are compatible with current Sensus AMR/AMI systems.

**Guarantee:** Sensus OMNI F<sup>2</sup> Meters are backed by "The Sensus Guarantee." Ask your Sensus representative for details or see Bulletin G-500.



**DIMENSIONS AND NET WEIGHTS**

Meter and Pipe Size	Normal Operating Range	Connections	Dimensions								Net Weight	Shipping Weight	
			A	B	C	D	E	F	G	H	J		
4"	1.5 gpm / 1000 gpm	Flanged	33"	13-11/16"	15/16"	17-1/2"	4-3/4"	7-1/2"	8	5/8"	2"	212 lbs.	252 lbs.
DN 100mm	.34 m <sup>3</sup> /hr / 227 m <sup>3</sup> /hr		838mm	348mm	24mm	445mm	121mm	191mm	8	16mm	50mm	96 kg.	115 kg.

An optional spool piece and associated hardware is available to obtain the standard Fireline meter length of 51-7/8" (1317mm).

**SPECIFICATIONS**

<b>SERVICE</b>	Measure of potable water. Operating temperature range of 33°F (56°C) – 150°F (65.6°C).
<b>OPERATING RANGE</b>	100% ± 1.5% from 1.5 – 1000 GPM (.34 - 227 m <sup>3</sup> /hr)
<b>LOW FLOW</b>	95% – 101.5% @ .75 GPM (.06 m <sup>3</sup> /hr)
<b>MAXIMUM CONTINUOUS OPERATION</b>	1000 GPM (227 m <sup>3</sup> /hr)
<b>MAXIMUM INTERMITTENT OPERATION</b>	1250 GPM (284 m <sup>3</sup> /h)
<b>PRESSURE LOSS</b>	6.4 psi @ 1000 GPM (.60 bar @ 227 m <sup>3</sup> /hr)
<b>MAXIMUM OPERATING PRESSURE</b>	175 PSI (12 bar)

<b>FLANGE CONNECTIONS</b>	4" U S ANSI B16.1 / AWWA Class 125	
<b>REGISTER</b>	Fully electronic sealed register with programmable registration (Gal./Cu.Ft./ Cu. Mtr / Imp Gal / Acre Ft.) Programmable AMR/AMI reading and pulse outputs Guaranteed 10 year battery life	
<b>NSF APPROVED MATERIALS</b>	Maincase:	Coated Ductile Iron
	Measuring Chamber:	Thermoplastic
	Rotor "Floating Ball":	Thermoplastic
	Radial Bearings:	Hybrid Thermoplastic
	Thrust Bearings:	Sapphire/Ceramic Jewel
	Magnets:	Ceramic Magnet
	Strainer Screen:	Stainless Steel
	Strainer Cover:	Coated Ductile Iron
	Test Plug:	Coated Ductile Iron

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No.	Description	Prefix #	List Price	No.	Description	Prefix #	List Price
008	Base Plate with Locking Tab		\$5.97	057	Enclosure		\$26.26
023	Shield		\$41.00	058	Cable Connection for 3000 SmartGun to 4000 HandHeld		\$189.35
024	Water Proof Connector Assembly, Complete		\$4.52	059	Cable Connection for 4000 AutoGun to 3000 HandHeld		\$189.35
025	Packing Nut		\$0.36	060	Cable Connection for 4000 AutoGun to 4000 HandHeld		\$189.35
026	Washer		\$0.25	061	4000/3000 Conversion Kit for Charging Stands		\$50.22
027	Grommet		\$1.38	092	AR5000M 900 Cable		\$280.00
028	Seal Screw		\$1.44	093	PRO USB to RS232 Serial Adapter		\$107.37
029	Cover		\$1.07				
030	O-Ring		\$0.41	062	Snap Ring		\$4.28
031	Terminal Screws		\$0.10	063	4001/4002 Battery		\$159.99
032	ECR Dust Cover		\$1.31	064	Clip for Hand Strap		\$5.09
033	TRC Terminal Cover		\$14.89	065	User manual		\$43.47
034	Terminal Screws		\$0.10	066	Insulated Case		\$51.15
035	ECRAWP O-Ring		\$0.36	067	Dust Cover		\$24.62
036	ECRAWP Terminal Cover		\$1.56	068	Sensor Nut		\$3.39
037	Grommet		\$0.46	069	Cable for Connection 4090 to Charging Stand		\$10.77
038	Packing Nut (11 36, 36, 37)		\$0.36	070	Charging Stand Wall Power Cable		\$22.47
039A	TouchPad - Black		\$23.23				
039B	TouchPad - Tan		\$23.23	071	AutoGun Wall Mount Charger		\$63.91
039C	TouchPad - Purple		\$23.23	072	Auto Gun Bottom Dust Cap		\$20.33
040	TouchPad Terminal Screws		\$0.10	073	AutoGun Sensor		\$140.94
041	TouchPad Adapter Plate		\$14.05	074	Bracket		\$19.23
042	SlimLine TouchPad Assembly		\$22.12				
045	TR/PL Housing Assembly		\$17.44	075	AR5000 Battery Replacement		\$139.24
046	TR/PL Upper Housing		\$9.11	076	External Battery Charger		\$208.26
047	TR/PL Locking Nut		\$3.75	077	AC (US) Wall Charger for AR5000/AR5500		\$97.46
048	TR/PL Sensor Locking Plug		\$5.39	078	Cigarette Lighter Charger for AR5000/AR5500		\$47.34
049	TR/PL Sensor with 6' Wire		\$13.84	079	Hand Strap		\$41.77
050	TR/PL Sensor with 20' Wire		\$13.84	080	Shoulder Strap		\$27.85
053	Bracket		\$6.07	081	Holster Case		\$189.37
054A	MXU Battery 506li B		\$25.29	082	User Manual		\$44.56
054B	MXU Battery 505C "C" Cell Battery		\$31.85				
055	Gel Caps		\$0.28				
056	Crimping Tool		\$88.28				
083	M510 Battery, Radio or FlexNet		\$40.03				
084	M520 Battery, Radio or FlexNet		\$44.14				
085	Model 520R Housing Assembly Complete		\$23.16				
085X	Model 520X Housing Assembly Complete		\$36.30				
085A	Model 520R Pit Lid Housing		\$11.60				
085B	Model 520X Pit Lid Housing		\$23.52				
085C	Model 520R/520X TR/PL Adaptor (available in quantities of 10)		\$5.57				
085D	Model 520R/520X Boot		\$4.18				
085E	Model 520R/520X Pit Locking Nut		\$5.10				
085F	Model 520R/520X Boot Locking Clip		\$2.31				
085G	Model 520X Insulated Isolation Sleeve		\$1.73				
085H	Gel Cap Cover (3W enabled units only)		\$1.52				
086	Model 520 Wire Cover		\$3.23				
087	Model 510 Housing Assembly Complete (less TouchCoupler Spacer)		\$21.02				
088	Model 510 TouchCoupler Spacer Assembly Complete		\$9.28				
089	TouchRead Extension Cable (Less TR/PL Housing)		\$20.42				
090	TouchRead Extension Cable (With TR/PL Housing)		\$30.04				
091	TouchCoupler Kit (Spacer + TouchPad Cover)		\$9.01				

Please order parts by part number.  
Use the prefix 803 along with the item number.  
Example: 803008, 803023, 803024

**SENSUS LOYALTY PROGRAMS**



**SENSUS LOYALTY PROGRAMS**

**SR, SRII Chamber Exchange Program**

Under the measuring chamber exchange program, old chambers are exchanged for new measuring chambers. SLP chambers are guaranteed to meet AWWA New Meter Accuracy Standards for one (1) year from date of shipment. Sensus no longer offers a bronze chamber option under the chamber exchange program.

Size	Rocksyn Chamber List Price
5/8"	\$27.10
3/4"	\$49.25
1"	\$71.98
1-1/2"	\$248.60
2"	\$278.45

**SENSUS SLP Meter Exchange Program**

The SLP meter exchange program provides for loyal Sensus USA Inc. customers a way to upgrade their water meters to the latest Sensus SR, SRII and PMM water meters with an ICE encoder register. Sensus will exchange the customer's old Sensus brand water meters, one for one, for any SR, SRII, or PMM water meter for a new Sensus water meter of the same size. (i.e. exchange an SR meter for an SRII meter) Customer will receive a new Sensus water meter and the new meter and ICE encoder register comes with a full new meter warranty.

**SLP Pricing** - Current distributor new meter list price for meter specification being purchased less: Current Standard Distributor Discount 40%, less additional 21.5% discount.

(Ex. \$100.00 new meter x 0.6 = \$60.00 x 0.785 = \$47.10)

**SLP Rules:**

- \* To obtain full SLP discount:
  - Meters must be sent to and verified at meter exchange location prior to new SLP meters shipping or
  - Only standard discount will apply until meters are received and verified at meter exchange location
- \* Guarantee and maintenance programs are limited to the original utility purchaser of the product
- \* Customer to obtain Returned Material Authorization (RMA) form from their Sensus sales representative and return meters to designated SLP meter exchange location, freight prepaid, as instructed on the RMA form
- \* Program provisions are subject to change at any time by Sensus, including but not limited to reflect increased costs, modification to AWW standards, or other changed conditions
- \* Guarantee subject to conditions published in the latest revision of Sensus Guarantee (G-500)
- \* All List Prices are subject to appropriate discount and are subject to adjustment by Sensus at any time without notice
- \* Additional charges may apply to ICE register programming, contact Customer Service for details.

**SENSUS SR/II Certified Test**

Sensus will provide Certified Test results at AWWA standard test rates per size of meter (5/8" through 2") for customers requesting such services at the List Prices below. For meter warranty claims requiring certified tests, test charges will apply if meter(s) pass the certified test.

Size	Certified Test** List Price
5/8"	\$12.66
3/4"	\$18.01
1"	\$28.85
1-1/2"	\$48.74
2"	\$68.54

**SR II WATER METERS - PART PRICES**



No.	Description	Prefix #	List Price		
			5/8"	3/4"	1"
001A	Register Lid - Bronze <sup>1</sup>	7505	\$5.16	\$5.16	\$5.16
001B	Register Lid - Plastic <sup>1</sup>	7506	\$3.04	\$3.04	\$3.04
002A	Hinge Pin - Bronze Lid <sup>1</sup>	7507	\$0.20	\$0.20	\$0.20
002B	Hinge Pin - Plastic Lid <sup>1</sup>	7508	\$0.20	\$0.20	\$0.20
003A	Register Bonnet - Bronze <sup>1</sup>	7509	\$11.89	\$11.89	\$11.89
003B	Register Bonnet - Plastic Screw <sup>1</sup>	7510	\$6.94	\$6.94	\$6.94
003C	Register Bonnet - Plastic Pin <sup>1</sup>	7511	\$6.94	\$6.94	\$6.94
004	Tamper Resistant Screw <sup>2</sup>	7512	\$1.17	\$1.17	\$1.17
006	Sealed Register <sup>4</sup>	7513	\$29.71	\$29.71	\$29.71
007	Register Retaining Ring	7514	\$2.53	\$2.53	\$2.53
008	Maincase <sup>6</sup>	7515	\$62.11	\$104.05	\$147.40
009	Connection Gasket - Leather	7516	\$0.11	\$0.26	\$0.43
010	Connection - Straight 1/2 set	7517	Contact Sensus		
011	Connection - Bent 1/2 set	7518			
013	Strainer	7519	\$1.37	\$1.92	\$2.53
014A	Measuring Chamber, Complete Tested (Rocksyn) w/rubber division plate	7520	\$27.10	\$49.25	\$71.98
014B	Measuring Chamber, Complete Tested (Rocksyn) w/plastic division plate	7521	\$27.10	\$49.25	\$71.98
015	Measuring Chamber Top Rocksyn Assembly w/Drive Dog and Magnet (Rocksyn) <sup>8</sup>	7522	\$15.05	\$20.81	\$24.32
016	Piston <sup>6</sup>	7523	\$9.13	\$11.63	\$13.86
017A	Division Plate - rubber <sup>6</sup>	7524	\$1.31	\$1.50	\$2.36
017B	Division Plate - plastic <sup>6</sup>	7525	\$1.31	\$1.50	\$2.36
018	Control Roller <sup>6</sup>	7526	\$1.67	\$1.67	\$1.87
019	Measuring Chamber Bottom w/Pin (Rocksyn) <sup>6</sup>	7527	\$15.69	\$20.81	\$24.32
020	Measuring Chamber Outlet Gasket <sup>6</sup>	7528	\$0.80	\$1.31	\$2.19
021	Bottom Plate Gasket	7529	\$1.43	\$1.67	\$2.19
022	Bottom Plate Liner	7530	\$1.43	\$1.92	\$2.47
023A	Bottom Plate - Cast Iron	7531	\$6.12	\$7.76	\$11.28
023B	Bottom Plate - Plastic	7532	\$6.12	\$0.00	\$0.00
023C	Bottom Plate - Bronze	7533	\$13.86	\$20.81	\$34.66
024A	Maincase Cap Screw - Stainless, Washer	7534	\$1.12	\$2.11	\$2.11
024B	Maincase Cap Screw - Stainless, Washer, Drilled	7535	\$1.31	\$2.36	\$2.36
025A	Maincase Cap Screw - Bronze, Washerhead	7536	\$1.50	\$2.36	\$2.36
025B	Maincase Cap Screw - Bronze, Washerhead, Drilled	7537	\$1.79	\$2.53	\$2.53

No.	Description	Prefix #	List Price
026	Spanner Wrench	7605	\$25.13
027	1/4" Drive Security Socket	7606	\$19.02
028	Test Ring for Standard Register	7607	\$2.18
029	Thread Protectors--5/8"-1"	7608	\$0.11
030	Sealing Tool	7609	\$173.40
031	Sealing Tool Die	7610	\$43.33
032	Register Tester	7611	\$280.49
033	Seal Wire 24" Length	7612	\$0.37
034	Lead Seal	7613	\$0.05
035	Seal Wire 1000 ft Spool, not shown	7614	\$104.05
036	SR II Bonnet Wrench	7615	\$7.76

- <sup>1</sup> - Bronze lids must be used with bronze bonnets and plastic lids with plastic bonnets
- <sup>2</sup> - Requires a 1/4" drive tool (order separately) for use
- <sup>3</sup> - Can be used only with plastic register bonnet
- <sup>4</sup> - Specify registration by letter designation:  
A. US Gallon B. Cubic Feet C. Cubic Meters D. Other
- <sup>6</sup> - Specify spud size by letter designation:  
A. 5/8" B. 5/8"x3/4" C. 3/4" D. 3/4' x1' E. 1" F. 1'x1-1/4'  
For 3/4" maincase specify 9" or 7-1/2" taying length; 7-1/2" length available only with 3/4" spud
- <sup>8</sup> - Included in measuring chamber complete (No. 014)

Please order parts by part number. Use the prefix at the top of the column (size) along with the item number.  
Example: 7505001A, to order 5/8" Bronze Register Lid.

SR WATER METERS - PART PRICES

Page 5  
All Pricing is in US Currency



No.	Description	List Price		
		Prefix #	5/8"	3/4" 1"
001	Register Cover - Brass <sup>1</sup>		\$ 6.12	\$ 6.12
002	Register Cover Hinge Pin		\$ 0.56	\$ 0.56
003	Sealed Register <sup>2,3</sup>		\$ 29.71	\$ 29.71
004	Register Gasket		\$ 0.84	\$ 0.84
005	Maincase <sup>4</sup>		\$ 62.43	\$ 117.92
006	Connection Gasket <sup>5</sup>		\$ 0.11	\$ 0.26
007	Connection - Straight set <sup>6</sup>	Contact Sensus		
008	Connection - Bent set <sup>6</sup>			
009	Register Retainer		\$ 2.88	\$ 2.88
010	Strainer		\$ 3.78	\$ 4.74
011	Measuring Chamber Gasket		\$ 1.23	\$ 1.50
012A	Measuring Chamber Complete - Rocksyn		\$ 27.10	\$ 49.25
013	Measuring Chamber O-Ring		\$ 1.37	\$ 2.11
014A	Measuring Chamber Top - Rocksyn		\$ 24.28	\$ 41.62
015	Division Plate		\$ 4.34	\$ 6.52
016	Piston and Magnet		\$ 18.20	\$ 24.32
017	Piston Roller		\$ 1.67	\$ 1.67
018A	Measuring Chamber Bottom - Rocksyn		\$ 13.18	\$ 22.95
019	Full Liner for Cast Iron Bottom Plate		\$ 1.50	\$ 2.60
020A	Bronze Bottom Plate Gasket (5/8" Size Only)		\$ 1.50	\$ 2.60
020B	Bronze Bottom Plate Liner (3/4"-1")		\$ -	\$ 2.60
021	Plastic Bottom Plate Gasket (5/8" Size Only)		\$ 1.50	\$ -
022A	Bronze Bottom Plate		\$ 27.77	\$ 41.62
022B	Cast Iron Bottom Plate		\$ 7.76	\$ 10.46
022C	Plastic Bottom Plate (5/8" Size Only) <sup>7</sup>		\$ 7.76	\$ -
023	Stainless Steel Cap Screw Washer <sup>8</sup>		\$ 0.37	\$ 0.43
024A	Stainless Steel Cap Screw <sup>9</sup>		\$ 1.12	\$ 2.11
024B	Stainless Steel Cap Screw Drilled for Seal Wire <sup>8</sup>		\$ 1.31	\$ 2.38
025A	Bronze Cap Screw <sup>9</sup>		\$ 1.50	\$ 2.36
025B	Bronze Cap Screw, Drilled for Seal Wire		\$ 1.79	\$ 2.53

No.	Description	List Price	
		Prefix #	1-1/2" 2"
001	Register Cover - Brass		\$ 6.12
002	Register Cover Hinge Pin		\$ 0.56
003	Sealed Register <sup>2,3</sup>		\$ 29.71
004	Register Gasket		\$ 0.64
005	Register Retainer		\$ 2.88
006A	Maincase Cap Screw Stainless Steel <sup>9</sup>		\$ 2.11
006B	6A Drilled for Seal Wire <sup>8</sup>		\$ 2.36
006C	Maincase Cap Screw Bronze <sup>9</sup>		\$ 2.36
006D	6C Drilled for Seal Wire <sup>8</sup>		\$ 2.53
007	Upper Casing		\$ 186.47
008	Main Flange Gasket		\$ 5.16
008A	Measuring Chamber Complete - Rocksyn		\$ 248.80
010A	Measuring Chamber Top - Rocksyn		\$ 104.05
011	Division Plate		\$ 10.46
012	Piston with Magnet		\$ 109.28
013	Piston Roller		\$ 7.84
014A	Measuring Chamber Bottom - Rocksyn		\$ 173.40
015	Measuring Chamber Gasket		\$ 3.04
016A	Strainer - Plastic		\$ 11.21
016B	Strainer - Stainless Steel		\$ 19.02
017	Maincase <sup>10</sup>		\$ 312.06
018	Companion Flange Gasket		\$ 2.36
019A	Companion Flange Cast Iron 1/2 set	Contact Sensus	
019B	Companion Flange Bronze 1/2 set		
022	Connection Straight 1/2 set	Contact Sensus	
024	Connection Washer <sup>11</sup>		

No.	Description	Prefix #	List Price
026	Spanner Wrench		\$ 26.13
027	Large Cup Adapter Ring		\$ 2.88
028	Test Ring for Standard Registers <sup>7</sup>		\$ 2.12
029	Thread Protectors 5/8"-1" <sup>7</sup>		\$ 0.11
030	Sealing Tool		\$ 173.40
031	Sealing Tool Die		\$ 43.33
032	Register Tester		\$ 280.49
033	Seal Wire - 24" length		\$ 0.37
034	Lead Seal		\$ 0.05
035	Seal Wire - 1000 ft Spool		\$ 104.05

- <sup>1</sup>- Plastic lid discontinued March 31 2008
- <sup>2</sup>- Specify register diameter (2-7/8" or 3-3/8") when ordering this part
- <sup>3</sup>- Specify registration by letter designation:  
A. US Gallons; B. Cubic Feet; C. Cubic Meters; D. Other (specify)  
Also specify the register identification number printed below the odometer (Example: 3/4" T-01)
- <sup>4</sup>- Specify spud size by letter designation:  
A. 5/8"; B. 5/8" x 3/4"; C. 3/4"; D. 1; E Other (specify)
- <sup>5</sup>- Specify connection gasket size by letter designation:  
A. 5/8"; B. 3/4"; C. 1" (standard gasket material is leather; specify if other material required)
- <sup>6</sup>- Specify connection swivel size by letter designation:  
A. 5/8" spud to 1/2" pipe; B 3/4" spud to 3/4" pipe; C 1" spud to 1 pipe
- <sup>7</sup>- Not shown on diagram
- <sup>8</sup>- Not required with washerhead screw
- <sup>9</sup>- Washerhead Screw.
- <sup>10</sup>- Specify ends letter designation: A. Flanged Ends; B. Screwed Ends
- <sup>11</sup>- Standard gasket material is leather; specify if other material required

Please order parts by part number. Use the prefix at the top of the column (size) along with the Item number.  
Example: 0805001A to order 5/8" Brass Register Cover.

PMM WATER METERS - PART PRICES

All Pricing is in US Currency



**REGISTER PARTS**

No.	Description	Prefix #	List Price				
			5/8"	3/4"	1"	1 1/2"	2"
001	Register Cover - Plastic	7605	\$5.80	\$5.80	\$5.80	\$5.80	\$5.80
001A	Register Cover - Brass	7605	\$5.80	\$5.80	\$5.80	\$5.80	\$5.80
002	Register Clamp Ring Pin	7608	\$0.68	\$0.68	\$0.68	\$0.68	\$0.68
002A	Register Cover Hinge Pin for Brass	7610	\$0.68	\$0.68	\$0.68	\$0.68	\$0.68
003	Register Clamp Ring - Plastic *	7612	\$3.73	\$3.73	\$3.73	\$3.73	\$3.73
003A	Register Shroud - Brass *		\$10.04	\$10.04	\$10.04	\$10.04	\$10.04
003B	Register Shroud Plastic for Ice Registers		\$8.93	\$8.93	\$8.93	\$8.93	\$8.93
004	Shroud Plastic Insert		\$2.35	\$2.35	\$2.35	\$2.35	\$2.35
004A	Shroud Plastic Insert for Ice Registers		\$2.40	\$2.40	\$2.40	\$2.40	\$2.40
005	Shroud Tamper Screw		\$1.17	\$1.17	\$1.17	\$1.17	\$1.17
005A	Shroud Tamper Screw (elliptical head) for Ice Registers		\$1.17	\$1.17	\$1.17	\$1.17	\$1.17
006	Register*		\$28.90	\$28.90	\$44.53	\$66.86	\$66.86
007	Main Case External Thread *		\$28.48	\$51.02	\$111.16	\$169.65	\$169.65
007A	Main Case Internal Thread (not shown)		Not Available			\$169.65	\$169.65
007B	Main Case Flanged (not shown)		Not Available			\$169.65	\$169.65
007C	Main Case Flanged 10" Lay Length (not shown)		Not Available				
008	Chamber Assembly Complete		\$21.65	\$21.65	\$66.86	\$96.00	\$96.00
009	Chamber Seal		\$1.51	\$1.51	\$2.24	\$3.23	\$3.23
001	Strainer		\$3.91	\$3.91	\$5.09	\$8.01	\$8.01
011	Seal Retainer		\$2.11	\$2.11	\$2.69	\$3.02	\$3.02
012	Plate Seal		\$1.51	\$1.51	\$1.51	\$3.23	\$3.23
013	Bottom Plate - Bronze		\$7.65	\$7.65	\$13.77	\$23.33	\$23.33
013A	Bottom Plate - Cast Iron		\$7.89	\$7.89	\$14.27		
014	Stainless Steel Bolts		\$2.36	\$2.36	\$2.36	\$6.70	\$6.70

**REGISTER TOOLS**

No.	Description	Prefix #	List Price				
			5/8"	3/4"	1"	1 1/2"	2"
028	Hinge Pin Removal Tool	7605	\$137.11	\$137.11	\$137.11	\$137.11	\$137.11
029	Driver for Star Screws	7606	\$16.74	\$16.74	\$16.74	\$16.74	\$16.74
030	Star Screw Driver Head (see parts 5 or 16)*	7608	\$7.82	\$7.82	\$7.82	\$7.82	\$7.82
031	Thread Protectors External Only (specify Size)*	7610	\$0.10	\$0.10	\$0.23	\$0.56	\$0.56
032	Connection Gasket - Rubber *	7612	Contact Sensus			Not Available	
033	Connection - Straight 1/2 set *		Contact Sensus			Not Available	
034	Connection - Bent 1/2 set *		Contact Sensus			Not Available	
035	Companion Flange - Bronze 1/2 set		Not Available			Contact Sensus	
036	Companion Flange Gasket - Rubber		Not Available			Contact Sensus	
037	Connection - Straight 1/2 set (internal)		Not Available			Contact Sensus	
038	Connection - Gasket Screwed end - Rubber		Not Available			Contact Sensus	

**ICE REGISTER PARTS**

No.	Description	Prefix #	List Price				
			5/8"	3/4"	1"	1 1/2"	2"
039	Brown Plastic Bonnet	7605	\$8.67	\$8.67	\$8.67	\$8.67	\$8.67
040	Retaining Ring	7606	\$2.33	\$2.33	\$2.33	\$2.33	\$2.33
041	Screw	7608	\$1.17	\$1.17	\$1.17	\$1.17	\$1.17

\* See data sheet MJ-300 for details

Please order parts by part number. Use the prefix at the top of the column (size) along with the item number.  
 Example: 7605001 to order a 5/8" register cover plastic.

C<sup>2</sup> OMNI METER - PART PRICES



Link to C2 Data Sheets

No	Description	List Price				
		1 1/2"	2"	3"	4"	6"
Prefix #		C1	C2	C3	C4	C6
001	C <sup>2</sup> Bonnet Lid	\$9.14	\$9.14	\$9.14	\$9.14	\$9.14
002	Hinge Pin	\$3.11	\$3.11	\$3.11	\$3.11	\$3.11
003	Bonnet	\$14.62	\$14.62	\$14.62	\$14.62	\$14.62
004	Bonnet Seal Screw	\$1.35	\$1.35	\$1.35	\$1.35	\$1.35
005A	Register w/AMR and Pulse Wire <sup>1</sup>	\$294.35	\$294.35	\$294.35	\$294.35	\$294.35
005B	Register w/ERT Cable and Pulse Wire <sup>1</sup>	\$324.90	\$324.90	\$324.90	\$324.90	\$324.90
005C	Register w/AMR and Pulse - Reclaimed <sup>1</sup>	\$305.78	\$305.78	\$305.78	\$305.78	\$305.78
005D	Register w/ERT Cable and Pulse - Reclaimed <sup>1</sup>	\$336.23	\$336.23	\$336.23	\$336.23	\$336.23
005E	Register Probe O-Ring	\$0.47	\$0.47	\$0.47	\$0.47	\$0.47
006	Locking Ring Screw	\$1.26	\$1.26	\$1.26	\$1.26	\$1.26
007	Locking Ring	\$16.08	\$16.08	\$16.08	\$16.08	\$16.08
008	Fixing Ring	\$8.77	\$8.77	\$8.77	\$8.77	\$8.77
009A	Chamber Cover Bolt Stainless Steel	\$3.89	\$3.89	\$3.89	\$3.89	\$11.08
009B	Chamber Cover Bolt 316 S. S.	\$6.33	\$6.33	\$6.33	\$6.33	\$14.42
010A	Strainer Cover Bolt Washer Stainless Steel	\$1.76	\$1.76	\$1.76	\$1.76	\$4.73
010B	Strainer Cover Bolt Washer 316 S. S.	\$2.69	\$2.69	\$2.69	\$2.69	\$10.84
011A	Chamber Cover	\$195.85	\$195.85	\$297.95	\$297.95	\$371.78
011B	Screw, Spring Hold Down	\$1.40	\$1.40	\$1.40	\$1.40	\$1.40
011C	Spring	\$7.63	\$7.63	\$7.63	\$7.63	\$7.63
012	Chamber Cover O-Ring	\$7.92	\$7.92	\$9.43	\$9.43	\$10.62
013	Measuring Insert w/Erg. and Thrust Assy.	\$88.45	\$88.45	\$188.20	\$168.20	\$244.82
014	Measuring Chamber Screw	\$1.62	\$1.62	\$1.62	\$1.62	\$1.62
015	Chamber Seal Gasket	\$7.49	\$7.49	\$8.65	\$8.65	\$11.02
016	C <sup>2</sup> Rotor and Shaft Assembly	\$493.53	\$493.53	\$774.44	\$688.26	\$972.74
017	OMNI Balance Plate w/Erg and Thrust Assy.	\$79.66	\$79.66	\$147.10	\$147.10	\$224.05
018A	Measuring Chamber Assy. - TRPL / Pulse <sup>3,4</sup>	\$1,295.19	\$1,295.16	\$1,785.25	\$1,721.46	\$2,343.01
018B	Measuring Chamber Assy. - ERT / Pulse <sup>3,4</sup>	\$1,325.71	\$1,325.71	\$1,815.80	\$1,752.01	\$2,271.70
018C	Measuring Chamber Assy. - Reclaim Water/No Drink - TRPL/Pulse <sup>3,4</sup>	\$1,308.59	\$1,308.59	\$1,798.68	\$1,732.89	\$2,252.58
018D	Measuring Chamber Assy. - Reclaim Water/No Drink - ERT Cable/Pulse <sup>3,4</sup>	\$1,337.14	\$1,337.14	\$1,827.28	\$1,763.44	\$2,283.13
019A	Strainer Cover Cap Screw Stainless Steel	\$3.77	\$3.77	\$3.77	\$3.77	\$3.77
019B	Strainer Cover Cap Screw 316 S. S.	\$7.94	\$7.94	\$7.94	\$7.94	\$7.94
020A	Strainer Cover Washer Stainless Steel	\$1.71	\$1.71	\$1.71	\$1.71	\$1.71
020B	Strainer Cover Washer 316 S. S.	\$3.63	\$3.63	\$3.63	\$3.63	\$3.63
021	Strainer Cover	\$65.21	\$108.83	\$118.83	\$132.15	\$148.94
022	Strainer Cover Gasket	\$3.42	\$3.86	\$7.43	\$7.71	\$8.93
023	Strainer Screen	\$47.11	\$50.54	\$53.90	\$67.34	\$70.78
024	Test Plug - Stainless	\$20.09	\$24.35	\$36.53	\$36.53	\$36.53
025	C <sup>2</sup> Maincase - ONLY	\$316.78	\$431.37	\$619.36	\$1,528.59	\$3,037.80
026	Drain Plug - NOT AVAILABLE AT THIS TIME	N/A	N/A	N/A	N/A	N/A

**Information on OMNI Communicator with UniPro Software,  
REFER TO OTHER PRICE BOOK DISTRIBUTOR METERS & AMR/AMI PRICE LIST ON PAGE 24**

NOTE:

- <sup>1</sup> - Replacement register part orders require meter serial number for original meter calibration
- <sup>2</sup> - "OMNI ReNew Replacement Chamber Program". OMNI ReNew replacement chambers are new OMNI measuring chambers that have been accuracy tested to the appropriate AWWA standard, with the chamber seal o-ring included and ready for installation into your main case (NO old chamber return is necessary with the OMNI ReNew Program) identify the type and size chamber that you require by type (TC<sup>2</sup> or F<sup>2</sup>) which is displayed on the register lid and size displayed on side of OMNI meter<sup>2</sup> and C<sup>2</sup> chambers are interchangeable for like sizes. F<sup>2</sup> chambers must only be used in F<sup>2</sup> main cases due to the ULFPM and Fire Protection liabilities.
- <sup>4</sup> - Badger Recordall® Turbo Series: OMNI ReNew replacement chambers will retrofit Badger Turbos of like sizes (latest series only)

Please order parts by part number. Use the prefix at the top of the column (size) along with the item number.

Example: C1001 is a 1-1/2" C<sup>2</sup> bonnet lid  
C3021 is a 3" strainer cover

T<sup>2</sup> OMNI METER - PART PRICES



No	Description	List Price				
		1 1/2"	2"	3"	4"	6"
Prefix #						
001	T <sup>2</sup> Bonnet Lid	\$9.14	\$9.14	\$9.14	\$9.14	\$9.14
002	Hinge Pin	\$3.11	\$3.11	\$3.11	\$3.11	\$3.11
003	Bonnet	\$14.82	\$14.82	\$14.82	\$14.82	\$14.82
004	Bonnet Seal Screw	\$1.35	\$1.35	\$1.35	\$1.35	\$1.35
005A	Register w/AMR and Pulse Wire <sup>1</sup>	\$294.35	\$294.35	\$294.35	\$294.35	\$294.35
005B	Register w/ERT Cable and Pulse Wire <sup>1</sup>	\$324.90	\$324.90	\$324.90	\$324.90	\$324.90
005C	Register w/AMR and Pulse - Reclaimed <sup>1</sup>	\$305.78	\$305.78	\$305.78	\$305.78	\$305.78
005D	Register w/ERT Cable and Pulse - Reclaimed <sup>1</sup>	\$336.23	\$336.23	\$336.23	\$336.23	\$336.23
005E	Register Probe O-Ring	\$0.47	\$0.47	\$0.47	\$0.47	\$0.47
006	Locking Ring Screw	\$1.28	\$1.28	\$1.28	\$1.28	\$1.28
007	Locking Ring	\$18.08	\$18.08	\$18.08	\$18.08	\$18.08
008	Flxing Ring	\$8.77	\$8.77	\$8.77	\$8.77	\$8.77
008A	Chamber Cover Bolt Stainless Steel	\$3.89	\$3.89	\$3.89	\$3.89	\$11.08
008B	Chamber Cover Bolt 316 S. S.	\$6.33	\$6.33	\$6.33	\$6.33	\$14.42
010A	Strainer Cover Bolt Washer Stainless Steel	\$1.76	\$1.76	\$1.76	\$1.76	\$4.73
010B	Strainer Cover Bolt Washer 316 S. S.	\$2.69	\$2.69	\$2.69	\$2.69	\$10.84
011A	Chamber Cover	\$195.85	\$195.85	\$207.95	\$207.95	\$371.78
011B	Screw, Spring Hold Down	\$1.40	\$1.40	\$1.40	\$1.40	\$1.40
011C	Spring	\$7.63	\$7.63	\$7.63	\$7.63	\$7.63
012	Chamber Cover O-Ring	\$7.92	\$7.92	\$9.43	\$9.43	\$10.82
013	Measuring Insert w/Brg. and Thrust Assy.	\$88.45	\$88.46	\$188.20	\$188.20	\$244.92
014	Measuring Chamber Screw	\$1.62	\$1.62	\$1.62	\$1.62	\$1.62
015	Chamber Seal Gasket	\$7.49	\$7.49	\$8.65	\$8.65	\$11.02
016	T <sup>2</sup> Rotor and Shaft Assembly	\$493.63	\$493.53	\$774.45	\$888.24	\$972.74
017	OMNI Balance Plate w/Brg and Thrust Assy.	\$79.68	\$79.89	\$147.10	\$147.10	\$224.05
018A	Measuring Chamber Assy. - TRPL / Pulse <sup>3,4</sup>	\$885.57	\$885.57	\$1,182.93	\$1,182.93	\$1,377.94
018B	Measuring Chamber Assy. - ERT / Pulse <sup>3,4</sup>	\$916.12	\$916.12	\$1,213.48	\$1,213.48	\$1,808.19
018C	Measuring Chamber Assy. - Reclaim Water/No Drink - TRPL/Pulse <sup>3,4</sup>	\$897.60	\$897.00	\$1,194.39	\$1,194.39	\$1,889.07
018D	Measuring Chamber Assy. - Reclaim Water/No Drink - ERT Cable/Pulse <sup>3,4</sup>	\$927.55	\$927.55	\$1,224.91	\$1,224.91	\$1,919.62
019A	Strainer Cover Cap Screw Stainless Steel	\$3.77	\$3.77	\$3.77	\$3.77	\$3.77
019B	Strainer Cover Cap Screw 316 S. S.	\$7.94	\$7.94	\$7.94	\$7.94	\$7.94
020A	Strainer Cover Washer Stainless Steel	\$1.71	\$1.71	\$1.71	\$1.71	\$1.71
020B	Strainer Cover Washer 316 S. S.	\$3.63	\$3.63	\$3.63	\$3.63	\$3.63
021	Strainer Cover	\$65.21	\$108.83	\$110.88	\$132.15	\$148.34
022	Strainer Cover Gasket	\$3.42	\$3.65	\$7.43	\$7.71	\$8.93
023	Strainer Screen	\$47.11	\$60.54	\$59.90	\$87.34	\$70.78
024	Test Plug - Stainless Steel	\$20.00	\$24.35	\$36.53	\$36.53	\$36.53
025	T <sup>2</sup> Maincase - ONLY	\$318.78	\$431.37	\$619.38	\$1,528.59	\$3,037.80
026	Drain Plug - NOT AVAILABLE AT THIS TIME	N/A	N/A	N/A	N/A	N/A

Information on OMNI Communicator with UniPro Software,  
REFER TO OTHER PRICE BOOK DISTRIBUTOR METERS & AMR/AMI PRICE LIST ON PAGE 24

NOTE:

<sup>1</sup> - Replacement register part orders require meter serial number for original meter calibration

<sup>3</sup> - 'OMNI ReNew Replacement Chamber Program', OMNI ReNew replacement chambers are new OMNI measuring chambers that have been accuracy tested to the appropriate AWWA standard, with the chamber seal o-ring included and ready for installation into your main case (NO old chamber return is necessary with the OMNI ReNew Program) Simply identify the type and size chamber that you require by type (T, C or F) which is displayed on the register lid and size displayed on side of OMNI meter. T and C chambers are interchangeable for like sizes. F chambers must only be used in F main cases due to the UL/FM and Fire Protection liabilities.

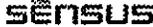
<sup>4</sup> - Badger Recordall® Turbo Series: OMNI ReNew replacement chambers will retrofit Badger Turbos of like sizes (latest series only)

Please order parts by part number Use the prefix at the top of the column (size) along with the item number.

Example: T1001 is a 1-1/2" T<sup>2</sup> bonnet lid  
T3021 is a 3" strainer cover

OMNI METER - PART PRICES

Page 9  
All Pricing is in US Currency



No.	Description	Prefix #	List Price			
			4"	6"	8"	10"
001	F <sup>2</sup> Bonnet Lid	F4	\$9.14	\$9.14	Future Product	Future Product
002	Pin	F4	\$3.11	\$3.11	Future Product	Future Product
003	Bonnet	F4	\$14.02	\$14.02	Future Product	Future Product
004	Bonnet Seal Screw	F4	\$1.35	\$1.35	Future Product	Future Product
005A	Register Probe O-Ring	F4	\$0.47	\$0.47	Future Product	Future Product
005B	Register w/AMR and Pulse Wire <sup>1</sup>	F4	\$284.35	\$284.35	Future Product	Future Product
005C	Register w/ERT Cable and Pulse Wire <sup>1</sup>	F4	\$324.00	\$324.00	Future Product	Future Product
005D	Register w/AMR and Pulse - Reclaimed <sup>3</sup>	F4	\$305.78	\$305.78	Future Product	Future Product
005E	Register w/ERT Cable and Pulse - Reclaimed <sup>3</sup>	F4	\$336.23	\$336.23	Future Product	Future Product
006	Locking Ring Screw	F4	\$1.26	\$1.26	Future Product	Future Product
007	Locking Ring	F4	\$16.68	\$16.68	Future Product	Future Product
008	Filing Ring	F4	\$8.77	\$8.77	Future Product	Future Product
008A	Chamber Cover Bolt Stainless Steel	F4	\$3.89	\$11.08	Future Product	Future Product
008B	Chamber Cover Bolt 316 S. S.	F4	\$6.39	\$14.42	Future Product	Future Product
010A	Chamber Cover Washer - Black Nylon	F4	\$3.08	\$3.08	Future Product	Future Product
010B	Strainer Cover Bolt Washer Stainless Steel	F4	\$1.76	\$4.73	Future Product	Future Product
010C	Strainer Cover Bolt Washer 316 S. S.	F4	\$2.89	\$10.84	Future Product	Future Product
011	Chamber Cover	F4	\$207.65	\$371.76	Future Product	Future Product
011A	Screw, Spring Hold Down	F4	\$1.40	\$1.40	Future Product	Future Product
011B	Spring	F4	\$7.63	\$7.63	Future Product	Future Product
012	Chamber Cover O-Ring	F4	\$9.43	\$10.82	Future Product	Future Product
013	Measuring Insert w/Brg. and Thrust Assy.	F4	\$188.20	\$244.92	Future Product	Future Product
014	Measuring Chamber Screw	F4	\$1.62	\$1.62	Future Product	Future Product
015	Chamber Seal Gasket	F4	\$8.65	\$11.02	Future Product	Future Product
016	F <sup>2</sup> Rotor and Shaft Assembly	F4	\$825.02	\$1,107.28	Future Product	Future Product
017	OMNI Balance Plate w/Brg and Thrust Assy.	F4	\$147.10	\$224.05	Future Product	Future Product
018A	Measuring Chamber Assy. - TRPL / Pulse <sup>2,4</sup>	F4	\$2,066.76	\$2,811.00	Future Product	Future Product
018B	Measuring Chamber Assy. - ERT / Pulse <sup>2,4</sup>	F4	\$2,102.41	\$2,726.84	Future Product	Future Product
018C	Measuring Chamber Assy. - Reclaim Water/No Drink - TRPL/Pulse <sup>2,4</sup>	F4	\$2,078.47	\$2,703.10	Future Product	Future Product
018D	Measuring Chamber Assy. - Reclaim Water/No Drink - ERT Cable/Pulse <sup>2,4</sup>	F4	\$2,116.12	\$2,730.78	Future Product	Future Product
019A	Strainer Cover Cap Screw Stainless Steel	F4	\$3.77	\$3.77	Future Product	Future Product
019B	Strainer Cover Cap Screw 316 S. S.	F4	\$7.94	\$7.94	Future Product	Future Product
020A	Strainer Cover Washer Stainless Steel	F4	\$1.71	\$1.71	Future Product	Future Product
020B	Strainer Cover Washer 316 S. S.	F4	\$3.63	\$3.63	Future Product	Future Product
021	Strainer Cover	F4	\$276.88	\$802.30	Future Product	Future Product
022	Strainer Cover Gasket	F4	\$18.97	\$31.74	Future Product	Future Product
023	Strainer Screen	F4	\$329.18	\$652.15	Future Product	Future Product
024	Drain Plug	F4	\$38.63	\$38.63	Future Product	Future Product
025	F <sup>2</sup> Strainer Body - ONLY	F4	\$1,665.07	\$3,251.45	Future Product	Future Product
026	Vent Screw	F4	\$2.02	\$2.02	Future Product	Future Product
027	Vent Washer	F4	\$0.40	\$0.40	Future Product	Future Product
028	Strainer Screen Support	F4	\$73.70	\$68.92	Future Product	Future Product
029	Washer	F4	\$1.42	\$1.82	Future Product	Future Product
030	Screw	F4	\$0.84	\$0.95	Future Product	Future Product
031	F <sup>2</sup> Maincase	F4	\$511.80	\$800.57	Future Product	Future Product
032	Test Plug - Stainless Steel	F4	\$38.63	\$38.63	Future Product	Future Product

Information on OMNI Communicator with UniPro Software,  
REFER TO OTHER PRICE BOOK DISTRIBUTOR METERS & AMRAMI PRICE LIST ON PAGE 24

NOTE:

- <sup>1</sup> - Replacement register part orders require meter serial number for original meter calibration
- <sup>2</sup> - OMNI ReNew Replacement Chamber Program: OMNI ReNew replacement chambers are new OMNI measuring chambers that have been accuracy tested to the app standard, with the chamber seal o-ring included and ready for installation into your main case (NO old chamber return is necessary with the OMNI ReNew Program). Simply I size chamber that you require by type (T<sup>2</sup>, C<sup>2</sup> or F<sup>2</sup>) which is displayed on the register lid and size displayed on side of OMNI meter. T<sup>2</sup> and C<sup>2</sup> chambers are interchangeable chambers must only be used in F<sup>2</sup> main cases due to the UL/PM and Fire Protection liabilities.
- <sup>3</sup> - Badger Recordall® Turbo Series: OMNI ReNew replacement chambers will retrofit Badger Turbos of like sizes (latest series only)

Please order parts by part number. Use the prefix at the top of the column (size) along with the item number

Example: F4001 is a 4" F<sup>2</sup> bonnet lid  
F4021 is a 4" strainer cover

SRH COMPOUND WATER METERS - 2" & 3" - PART PRICES



No	Description	List Price		No	Description	List Price	
		Prefix #	2" 3"			Prefix #	2" 3"
001	Register cover		\$6.54 \$6.54	053	Propeller Shaft Spacer <sup>5</sup>		\$2.78
002	Hinge Pin		\$0.59 \$0.59	054	Bearing Cage w/Rollers <sup>5</sup>	\$30.06	\$30.06
003	Register <sup>1</sup>		\$84.79 \$84.79	055	Propeller Magnet <sup>5</sup>	\$13.14	\$13.14
003T	Test Register		\$118.55 \$118.55	056	Propeller Shaft & Pin <sup>5</sup>	\$84.56	\$83.98
004	Register Cover Screw		\$1.21 \$1.21	057	Propeller Only <sup>5</sup>	\$60.16	\$122.12
005	P.D. Lens Cover		\$4.10 \$4.10	058	Propeller Washer <sup>3</sup>	\$0.87	\$0.87
006	P.D. Lens Cover Gasket		\$1.21 \$1.21	059	Propeller Retaining Ring <sup>5</sup>	\$0.87	\$0.87
007	Register Retaining Cup Assembly		\$43.19 \$43.19	060	Propeller w/Shaft & Pin Complete <sup>5</sup>	\$146.82	\$168.14
009	Coordinator Cover Seal Screw		\$3.82 \$3.82	061A	Turbine Housing - Rocksyn <sup>6</sup>	\$112.73	\$281.88
010	Coordinator Cover Assembly		\$197.28 \$197.28	062A	Inlet Plate Assembly - Rocksyn <sup>5</sup>	\$75.16	
010A	Vent Plug		\$2.05 \$2.05	063	Ball Seat Lock Nut <sup>5</sup>	\$4.71	\$4.71
011	P.D. Odometer Lens		\$6.00 \$6.00	064	Ball Seat & Ball <sup>5</sup>	\$18.85	\$18.85
012	P.D. Lens Retaining Ring		\$1.92 \$1.92	066	Valve Guide Roller (discontinued)		
013	Register Drive Magnet		\$15.05 \$15.05	067	Companion Flange Nut	\$4.25	\$1.92
014	Change Gear - Piston Driven <sup>2</sup>		\$16.94 \$16.94	068	Companion Flange Bolt	\$3.44	\$2.35
016	Change Gear - Turbo Driven <sup>2</sup>		\$16.94 \$16.94	069	Companion Flange (cast iron)	\$35.23	\$58.24
016	Change Gear - Turbo Driven <sup>2</sup>		\$16.94 \$16.94	070	Companion Flange Gasket	\$2.99	\$5.63
017	Change Gear - Piston Driver <sup>2</sup>		\$16.94 \$16.94	071	Maincase Assembly w/Drain & Test Plug	\$864.35	\$1,632.77
018	Coordinator Holding Screw		\$0.87 \$0.87	072	Main Flange Gasket	\$4.25	\$6.11
019	Coordinator Complete <sup>3</sup>		\$244.32 \$244.32	073A	Valve Seat w/Insert - Rocksyn	\$47.01	
020	Coordinator O-Ring		\$5.63 \$5.63	073B	Valve Seat w/Insert - Bronze	\$85.72	\$103.36
021	Main Flange Cap Screw		\$2.26 \$2.26	074	Valve Seat Screw	\$1.46	\$1.21
022	Upper shaft		\$272.47 \$318.41	075A	Turbine Chamber Complete - Rocksyn	\$691.49	\$798.55
023A	Piston Chamber Complete - Rocksyn <sup>4</sup>		\$218.07 \$283.03	076	Chamber Holding Screw	\$1.92	\$3.82
024	Connection Shaft w/Magnet		\$37.56 \$37.56	078	Chamber Cage & Screen <sup>4</sup>	\$9.39	\$11.31
025	Coordinator Oil (Pl. - Gal.)		\$8.00 \$23.55	079A	Piston Chamber Bottom - Rocksyn <sup>4</sup>	\$48.92	\$48.92
026	Housing Plate Screw <sup>5</sup>		\$1.21 \$1.21	080	Piston Roller <sup>4</sup>	\$1.78	\$1.78
027	Vertical Shaft Bushing - Upper <sup>5</sup>		\$10.35 \$7.49	081	Piston <sup>4</sup>	\$25.87	\$25.87
028A	Outlet Plate Assembly - Rocksyn <sup>5</sup>			082	Division Plate <sup>4</sup>	\$6.97	\$6.97
029	Bevel Gear & Shaft <sup>5</sup>		\$60.16 \$67.61	083A	Piston Chamber Top - Rocksyn <sup>4</sup>	\$45.11	\$45.11
030	Vertical Shaft Bushing - Lower <sup>5,8</sup>		\$1.84	084	Chamber O-Ring <sup>4</sup>	\$2.26	\$2.26
031	Thrust Bearing - Vertical <sup>5,8</sup>		\$13.14 \$13.14	085	Chamber Gasket <sup>4</sup>	\$1.82	\$1.82
032	Bearing Support Screw <sup>5</sup>			087	Chamber Cage Cover w/Bushings <sup>4</sup>	\$37.56	\$47.01
033	Adjusting Screw Nut <sup>5,8</sup>		\$0.87 \$0.87	088	Connection Shaft Bushing <sup>4</sup>	\$12.69	\$12.69
034	Adjusting Screw <sup>5,8</sup>		\$1.21 \$1.21	089	Piston Shaft Bushing <sup>4</sup>	\$8.94	\$8.94
036	Thrust Bearing - Horizontal <sup>5,8</sup>		\$24.42 \$30.06	090	Piston Shaft & Magnet <sup>4</sup>	\$37.66	\$37.66
037	Propeller Shaft Gear & Screw <sup>5</sup>		\$33.90 \$33.90	091	Piston Drive Dog <sup>4</sup>	\$0.87	\$0.87
038	Outlet Plate Screw <sup>5</sup>		\$0.79 \$0.79				
039	Magnet Pin <sup>2</sup>		\$15.05 \$15.05				
040	Roller Bearing Bushing <sup>9</sup>		\$24.42 \$24.42				
040A	Outlet End Bushing (2" only)		\$26.32				
042	Test Plug		\$21.85 \$37.40				
043	Valve Guide w/Roller		\$44.15 \$44.15				
044	Drain Plug		\$11.31 \$11.31				
045	Valve Link Bushing		\$8.01 \$8.01				
046	Valve Assembly w/Bushing		\$234.84 \$319.41				
047	Valve Link Shaft (discontinued)						
048	Valve Screw Bushing		\$5.07 \$5.07				
049	Valve Screw w/Shaft		\$52.58 \$52.58				
050	Vertical Shaft Bushing - Upper <sup>5</sup>		\$10.35				
051	Bearing Support Assembly - Rocksyn <sup>6</sup>		\$47.01 \$47.01				
052A	Outlet Bearing Support Assembly - Rocksyn <sup>6</sup>		\$120.21 \$150.27				

<sup>1</sup> - Specify registration by letter designation:  
A-US Gallons B-Cubic Feet C-Other (Specify)  
<sup>2</sup> - Refer to Change Gear Chart UG-1027 for specific gears etc  
<sup>3</sup> - Specify meter size and registration (i.e. US Gallon, Cubic Feet etc.)  
<sup>4</sup> - Parts included in Piston Chamber Complete No. 023  
<sup>5</sup> - Parts included in Turbine Chamber Complete No. 075A and 075B  
<sup>6</sup> - Parts included with Outlet Bearing Support Assembly No. 052B

Note:  
Do not mix Bronze and Rocksyn (A and B parts) in assembly of PD and Turbine Chambers, Meter Modernization and Maintenance Plan (MMP) available which allows the exchange of complete meters and/or various components. Contact Sensus or authorized Distributor for details.

Please order parts by part number. Use the prefix at the top of the column (size) along with the item number.  
Example: 7312001 to order a 2" register cover.

SRH COMPOUND WATER METERS - 4" & 6" - PART PRICES



No	Description	List Price		No	Description	List Price	
		4"	6"			4"	6"
001	Register Cover	\$6.54	\$6.54	055	Propeller Magnet <sup>5</sup>	\$15.90	\$15.90
002	Hinge Pin	\$0.59	\$0.59	056	Propeller Shaft & Pin <sup>5</sup>	\$97.70	\$97.70
003	Register <sup>1</sup>	\$84.79	\$84.79	057	Propeller Only <sup>5</sup>	\$225.38	\$263.03
003T	Test Register	\$118.55	\$118.55	058	Propeller Washer <sup>4</sup>	\$1.21	\$1.21
004	Register Cover Screw	\$1.21	\$1.21	059	Propeller Retaining Ring <sup>5</sup>	\$0.87	\$0.87
005	P.D. Lens Cover	\$4.32	\$4.32	060	Propeller w/ Shaft Pin Complete <sup>5</sup>	\$305.03	\$338.19
006	P.D. Lens Cover Gasket	\$2.78	\$2.78	061A	Turbine Housing - Rocksyn <sup>5</sup>	\$375.74	\$469.77
007	Register Retaining Cup Assembly	\$43.19	\$43.19	062A	Inlet Plate Assembly - Rocksyn <sup>5</sup>	\$150.27	\$263.03
009	Coordinator Cover Seal Screw	\$3.82	\$3.82	063	Ball Seat Lock Nut <sup>5</sup>	\$4.71	\$4.71
010	Coordinator Cover Assembly	\$197.28		064	Ball Seat & Ball <sup>5</sup>	\$18.85	\$18.85
010A	Vent Plug	\$1.98	\$1.98	065	Valve Guide w/ Roller	\$112.73	\$112.73
011	P.D. Odometer Lens	\$6.00	\$6.00	067	Companion Flange Nut	\$1.92	\$4.25
012	P.D. Lens Retaining Ring	\$1.92	\$1.92	068	Companion Flange Bolt	\$2.78	\$4.25
013	Register Drive Magnet	\$15.05	\$15.05	069	Companion Flange (C.I.)	\$75.16	\$103.38
014	Change Gear - Piston Driven <sup>2</sup>	\$16.94	\$16.94	070	Companion Flange Gasket	\$7.49	\$11.31
015	Change Gear - Piston Driver <sup>2</sup>	\$16.94	\$16.94	071	Main Case Assembly w/ Drain & Test Plug	\$2,656.87	\$3,660.19
016	Change Gear - Turbo Driven <sup>2</sup>	\$16.94	\$16.94	072	Main Flange Gasket	\$13.14	\$13.14
017	Change Gear - Turbo Driver <sup>2</sup>	\$16.94	\$16.94	073A	Valve Seat w/ Insert - Rocksyn	\$187.89	\$187.89
018	Coordinator Holding Screw	\$0.87	\$0.87	073B	Valve Seat w/ Insert - Bronze	\$225.48	\$225.48
019	Coordinator Complete <sup>3</sup>	\$291.25	\$300.83	074	Valve Seat Screw	\$1.48	\$1.48
020	Coordinator O-Ring	\$7.49	\$7.49	075A	Turbine Chamber Complete - Rocksyn	\$1,117.90	\$1,313.41
021	Main Flange Cap Screw	\$8.43	\$8.43	076	Chamber Holding Screw	\$3.82	\$3.82
022	Upper Shell	\$620.05	\$820.05	077	Connection Shaft Bushing - Bottom <sup>4</sup>		\$8.94
023A	Piston Chamber Complete - Rocksyn <sup>4</sup>	\$428.42	\$516.72	078	Chamber Cage & Screw <sup>4</sup>	\$21.65	\$33.90
024	Connection Shaft w/ Magnet	\$48.92	\$48.92	079A	Piston Chamber Bottom - Rocksyn <sup>4</sup>	\$40.78	\$198.88
025	Coordinator Oil (Pl. - Gal.)	\$6.00	\$23.55	080	Piston Roller <sup>4</sup>	\$1.78	\$6.37
026	Housing Plate Screw <sup>5</sup>	\$1.21	\$1.21	081	Piston <sup>4</sup>	\$49.93	\$116.69
027	Vertical Shaft Bushing - Upper <sup>4</sup>	\$11.31	\$11.31	082	Division Plate <sup>4</sup>	\$9.25	\$11.19
028A	Housing Cover w/ Bushing - Rocksyn <sup>4</sup>	\$56.40	\$56.40	083A	Piston Chamber Top - Rocksyn <sup>4</sup>	\$78.90	\$111.13
029	Bevel Gear & Shaft <sup>5</sup>	\$103.36	\$103.36	084	Chamber O-Ring - 4" Only <sup>4</sup>	\$2.28	
030	Vertical Shaft Bushing - Lower <sup>4</sup>	\$12.69	\$12.69	085	Chamber Gasket - Specify 4" or 6" <sup>4</sup>	\$2.26	\$3.24
031	Thrust Bearing - Vertical <sup>5</sup>	\$13.14	\$13.14	086	Connection Shaft Bushing - Top <sup>4</sup>	\$8.94	\$8.94
032	Bearing Support Screw <sup>5</sup>	\$0.87	\$0.87	087	Chamber Cage Cover w/ Bushings <sup>4</sup>	\$48.92	\$82.06
033	Adjusting Screw Nut <sup>5</sup>	\$0.87	\$0.87	088	Connection Shaft Bushing <sup>4</sup>	\$8.94	\$8.94
034	Adjusting Screw <sup>5</sup>	\$1.21	\$1.21	091	Piston Drive Dog <sup>4</sup>	\$0.87	\$0.87
035A	Bearing & Gear Housing - Rocksyn (Integral to 61A) <sup>5</sup>			092	Piston Shaft Bushing <sup>4</sup>	\$3.44	\$3.44
036	Thrust Bearing Horizontal - Bronze Only <sup>5</sup>	\$24.42	\$24.42	093	Piston Shaft & Magnet <sup>4</sup>	\$47.01	\$47.01
037	Propeller Shaft Gear & Screw <sup>5</sup>	\$63.88	\$63.88				
038	Outlet Plate Screw <sup>5</sup>	\$1.48	\$0.72				
039	Magnet Pin <sup>5</sup>	\$16.68	\$16.68				
040	Roller Bearing Bushing <sup>5</sup>	\$24.13	\$24.13				
042	Test Plug	\$37.40	\$37.40				
043	Valve Guide Shaft - not available		\$0.00				
044	Drain Plug	\$11.31	\$11.31				
045	Valve Link Bushing	\$11.80	\$11.80				
046	Valve Assembly w/ Bushing	\$422.78	\$422.78				
047	Valve Link Shaft (Illustrated-Discontinued)		\$108.98				
048	Valve Screw Bushing	\$11.31	\$11.31				
049	Valve Screw w/ Shaft	\$108.98	\$108.98				
053	Propeller Shaft Spacer <sup>5</sup>	\$6.29	\$6.29				
054	Bearing Cage w/ Rollers <sup>3</sup>	\$83.88	\$83.88				

<sup>1</sup> - Specify registration by letter designation:  
A US Gallons; B Cubic Feet; C Cubic Meters; D Other (Specify)

<sup>2</sup> - Refer to Change Gear Chart UG-1027 for specific gears etc

<sup>3</sup> - Specify meter size and registration (i.e. US Gal Cubic Feet etc)

<sup>4</sup> - Parts included in Piston Chamber Complete Illustration #023A

<sup>5</sup> - Parts included in Turbine Chamber Complete Illustration #075A

Please order parts by part number. Use the prefix at the top of the column (size) along with the item number.  
Example: 7316001 to order a 4" register cover.

TURBO METER MMP PRICES



**REQUIREMENTS**

**MODERNIZATION AND MAINTENANCE PLAN (MMP)**

- The Modernization and Maintenance Plan (MMP) provides utilities the ability to purchase replacement Sensus Turbo Meter measuring chambers complete

The following meter information is required to properly process your order.

Meter size, Registration Units Register Type (if other than Sealed Direct Read; see options below)

Other options include AWWA strainers, test risers Pre-Fab-Pak and complete installation packages

**REPLACEMENT OF EXISTING TURBO METER MEASURING CHAMBERS**

- All Sensus measuring chambers are pre-tested and calibrated to new meter standards per AWWA
- Due to being internally calibrated and completely interchangeable, no follow-up accuracy testing is required after proper placement of the Series "W" measuring chamber in the existing meter maincase
- All measuring chambers will include the original Sensus warranty of materials and workmanship
- The return of the existing measuring chamber is NOT REQUIRED to obtain a new chamber of current design and register configuration under the terms and conditions. See Note 5.
- MMP measuring chambers provided under this program including appropriate gaskets(s) will be shipped FOB shipping point. no freight allowance.
- Meters shipped with standard direct-read registers, less AWWA strainers unless otherwise specified by model. Sensus recommends strainers and test ports on all turbine-type meters. Note the "DRS" Turbo meter models include an integral inlet strainer and test port on the same bronze maincase. Contact Sensus for installation guidelines spool pieces or other piping accessories for proper meter replacement.

**REGISTER AND REGISTER OPTIONS**

Size/Type <sup>7</sup>	List Price	
	MMP Chamber w/DR Register <sup>8</sup>	Test Only <sup>9</sup>
1-1/2" W-120	\$539.39	\$155.38
2" W-160	\$539.39	\$155.38
3" W-350	\$606.59	\$197.34
3" 125-W	\$606.59	\$197.34
3" 125-W Tester WITHOUT RER <sup>1, 8</sup>	\$917.40	N/A
4" W-1250, W-2500 Tester WITHOUT RER <sup>1, 8</sup>	\$1,603.45	N/A
5/8" SR11 Tester WITHOUT RER <sup>1, 8</sup>	\$335.35	N/A
3" 125-W Tester WITH RER <sup>2, 9</sup>	\$1,888.92	\$492.27
4" W-1250, W-2500 Tester WITH RER <sup>2, 9</sup>	\$2,574.98	\$664.98
5/8" SR11 Tester MMP Meter WITH RER <sup>2, 9</sup>	\$1,368.11	\$122.70
4" W-1000	\$1,213.19	\$301.41
4" 1125-W	\$1,213.19	\$301.41
6" W-2000	\$1,687.04	\$405.52
6" W-2000 DRSL <sup>5</sup>	\$2,183.24	\$477.10
8" W-3500	\$2,327.22	\$591.34
10" W-5500 <sup>4</sup>	\$3,595.88	\$591.34
16" W-10,000 <sup>5</sup>	\$12,138.54	\$1,732.90

**REGISTER AND REGISTER OPTIONS**

	List Price
ECR/WP with TouchPad <sup>3</sup>	\$187.93
ECR/WP Register Only <sup>3</sup>	\$178.67
TR/PL Pit-Lid Version <sup>3</sup>	\$203.25
Impulse Contactor w/Adapter Cup	\$427.15
High Speed Pickup Register <sup>4</sup>	\$462.74

<sup>1</sup> - RER exchange no longer available for any tester, size or type.

<sup>2</sup> - RER assembly available for 5/8" SR11, 125-W, W-1250, W-2500 testers. State "rate of flow" and "totalization" registration units on order.

<sup>3</sup> - ECR encoder registers available through Sensus or authorized AMR Distributor only.

<sup>4</sup> - For conversion/replacement of obsolete Blind-Face electronic chambers, the purchase of a W-2000 or W-5000 measuring chamber equipped with the High Speed Pickup Register is required. Existing ActPak electronic instruments will require recalibration to accept new input pulse rate.

<sup>5</sup> - W-2000 DRSL requires the return of entire meter, freight prepaid, within 60 days after receipt of new measuring chamber. Return of the 16" W-10,000 measuring chamber, freight prepaid is required within 60 days after receipt of new measuring chamber.

<sup>6</sup> - Special meter testing requests for other than standard production test rates. add list for each additional test rate. Recalibration, is an additional 1/2 of the test only charge. \$98.15

<sup>7</sup> - Add to list for Reuse Meter Package for all sizes of measuring chambers, includes wet purple coating to external surfaces "RW" stamp on measuring chamber and register marked "reclaim water" shaded Pantone Purple. \$70.06

<sup>8</sup> - Tester MMP chamber without RER, 5/8" SR11 MMP complete meter without RER. Includes test accuracy tag.

<sup>9</sup> - 5/8" SR11, 125-W, W-1250, W-2000 Testers only available with RER registers. Includes test accuracy tag. Tester MMP price includes a new RER register. All other MMP chambers standard with DR register.

TURBO WATER METERS - 1-1/2 - 3" - PART PRICES

Page 13  
All Pricing is in US Currency



No.	Description	List Price			
		W-120	W-160	W-350	125-W
001	Measuring Chamber Complete <sup>1</sup>	Refer to MMP Provisions on Page 13			
002	Register Cover - Metal	\$8.54	\$8.54	\$8.54	\$8.54
003	Register Cover - Hinge Pin	\$0.53	\$0.53	\$0.53	\$0.53
004	Sealed Register <sup>2</sup>	\$131.58	\$131.58	\$140.90	\$140.90
005	Register Gasket <sup>3</sup>	\$0.68	\$0.68	\$0.68	\$0.68
006	Register O-Ring <sup>3</sup>	\$1.01	\$1.01	\$1.01	\$1.01
007	Measuring Chamber Cover	\$154.09	\$154.09	\$218.07	\$218.07
008	Adjusting Vane O-Ring	\$0.68	\$0.68	\$0.68	\$0.68
009	Adjusting Vane	\$34.77	\$34.77	\$48.92	\$48.92
010	Adjusting Vane Cap	\$9.39	\$9.39	\$9.39	\$9.39
011	Adjusting Vane Lock Nut	\$0.59	\$0.59	\$0.59	\$0.59
012	Adjusting Vane Lock Washer	\$0.48	\$0.48	\$0.48	\$0.48
013	Register Locking Nut	\$6.80	\$6.80	\$6.80	\$6.80
014A	Rotor Std. (125-W Rotor FRER) <sup>4</sup>	\$75.18	\$75.18	\$118.44	\$118.44
014B	Rotor Std. (125-W Tester Rotor FRER) <sup>4</sup>				\$194.37
015	Rotor Thrust Spacer	\$0.79	\$0.79	\$0.79	\$0.79
016	Rotor Retainer Ring	\$0.59	\$0.59	\$0.59	\$0.59
017	Rotor Cap	\$33.90	\$33.90	\$33.90	\$33.90
018	Housing Cap Screw	\$1.40	\$1.40	\$0.79	\$0.79
019	Rotor Shaft Self-Adjusting	\$66.72	\$66.72	\$66.72	\$66.72
026	Inlet Housing (for No. 28A & 28B)	\$47.01	\$47.01	\$68.24	\$68.24
028A	Outlet Housing with Built-In Face Plate Assembly (125-W tester housing has white dot for RER)	\$80.18	\$80.18	\$73.28	\$73.28
028B	125-W tester housing has white dot for RER)				\$88.90
029	Main Flange Cap Screw	\$2.28	\$2.28	\$2.28	\$2.28
030	Main Flange Cap Screw (Drilled)	\$2.51	\$2.51	\$2.51	\$2.51
031	Lid Locking Hasp				\$30.37
032	Flow Restriction Plate		\$23.46	\$28.17	
033	Blank Cover Plate	\$90.21	\$90.21	\$112.73	\$112.73
034	Main Flange Gasket	\$2.42	\$2.42	\$3.18	\$3.18
035A	Companion Flange - Cast Iron	\$28.17	\$35.23	\$58.24	
035B	Companion Flange - Bronze	\$38.92	\$49.03	\$140.80	
036	Flange Bolt	\$2.35	\$3.44	\$2.35	
037	Companion Flange Gasket	\$2.51	\$2.99	\$5.83	
038	Flange Nut	\$1.82	\$4.25	\$1.92	
039A	Malncase - DR <sup>5,10</sup>	\$310.02	\$310.02	\$503.73	\$403.90
039B	Malncase - DRS (with Strainer and Test Plug)	\$352.27	\$428.68	\$838.80	
040	Flow Straightener <sup>6</sup>	\$83.88	\$83.88	\$63.98	\$85.80
041	Connection Nut		\$35.15		
042	Connection Swivel		\$44.44		
043	Connection Bushing		\$59.28		
044	Connection Gasket <sup>7</sup>		\$1.82		
045A	Hose Coupling - Female Threads <sup>8</sup>				\$159.74
045B	Hose Coupling - Female Threads w/internal Strainer <sup>8</sup>				\$167.28
046	Hose Coupling Gasket				\$6.83
047	3"x2-1/2" Coupling - Male Threads <sup>8</sup>				\$118.82
048	3" x 2" Adapter Bushing <sup>8</sup>				\$135.19
049	2" Gate Valve <sup>9</sup>				\$120.21
050	2" x 2-1/2" Coupling Male Threads <sup>8,9</sup>				\$140.90
051	Screen				\$12.16
052	C-Clip				\$33.90
053	Strainer Cover (DRS Only)	\$108.98	\$122.12	\$135.27	
054	Strainer Screen (DRS Only)	\$52.58	\$50.41	\$80.16	
055	Strainer Gasket (DRS Only)	\$1.40	\$1.92	\$2.35	
056	Strainer Cover Cap Screw (DRS Only)	\$1.21	\$2.51	\$2.51	
058	Test Plug (DRS Only)	\$19.73	\$21.85	\$37.40	
059	2" Adapter Nipple <sup>8</sup>				\$16.02
060	Drain Plug	\$8.82	\$8.82	\$8.82	

<sup>1</sup> - Refer to Modernization and Maintenance Plan (MMP) for Measuring Chamber complete on prior Page 10. Must specify registration units

<sup>2</sup> - Specify registration by letter designation:

A. US Gallon B. Cubic Feet

C. Other (specify) if original register was 3-3/8" in diameter, specify replacement register with register ring adapter

<sup>3</sup> - Parts are included with replacement register

<sup>4</sup> - Upon installation of new rotor, accuracy test and calibration adjustment is recommended

<sup>5</sup> - W-160 DR only: Specify spud ends by letter designation:

A. Flanged ends B. Screwed ends

<sup>6</sup> - Thermoplastic and older style metal flow straightener is not interchangeable because the malncase is different

<sup>7</sup> - Standard gasket material is leather, specify if other material is required.

<sup>8</sup> - Fire hose threads are 2-1/2" - 7-1/2" NST threads unless otherwise specified

<sup>9</sup> - Item 049 (2" Gate Valve) requires items 048 050 and (2 ea) 059

<sup>10</sup> - Malncase - specify meter model.

Please order parts by part number. Use the prefix at the top of the column (size) along with the item number  
Example: 1910002 to order a 1- 1/2 W-120 register cover metal.

TURBO WATER METERS - 4" - 10" - PART PRICES  


No.	Description	List Price				
		W-1000 / 1125W / W-1250	W-2000	W-3000 DRS	W-5000	W-6500
001	Measuring Chamber Complete <sup>1</sup>	Refer to MMP Protocols on Page 13				
002	Rotor Cap	\$144.70	\$144.70	\$144.70	\$144.70	\$187.80
003	Rotor Retaining Ring	\$1.81	\$1.81	\$1.81	\$1.81	\$1.81
004	Rotor Thrust Spacer <sup>2</sup>	\$2.05	\$2.26	\$2.26	\$2.05	\$2.05
005	Rotor Standard	\$244.30	\$450.00	\$450.00	\$714.00	\$601.91
005A	W-1250 / W-1000 / 1125W Rotor FRER <sup>3</sup>	\$444.72				
006	Rotor Shaft <sup>4</sup>	\$131.50	\$131.50	\$131.50	\$176.46	\$200.60
006A	W-1250 Rotor Shaft <sup>1</sup>					
007	Rotor Shaft O-Ring		\$0.70	\$0.70	\$0.70	\$0.70
008	Face Plate O-Ring		\$1.81	\$1.81	\$1.81	\$1.81
009	Face Plate		\$338.10	\$338.10	\$488.54	
010	Rotor Shaft Adjusting Nut		\$2.78	\$2.78	\$3.32	
011	Adjusting Vane	\$90.21	\$118.38	\$108.02	\$118.38	\$158.74
012	Adjusting Vane Lock Washer	\$2.35	\$2.35	\$2.35	\$2.35	\$2.35
013	Adjusting Vane O-Ring	\$0.70	\$0.70	\$0.70	\$0.70	\$0.70
015	Adjusting Vane Lock Washer	\$3.82	\$3.82	\$3.82	\$3.82	\$3.82
016	Adjusting Vane Lock Nut	\$0.70	\$0.70	\$0.70	\$0.70	\$0.70
017	Adjusting Vane Cap	\$28.17	\$28.17	\$28.17	\$28.17	\$28.17
018	Register Cover - Metal	\$6.54	\$6.54	\$6.54	\$6.54	\$6.54
019	Register Cover Hinge Pin	\$0.53	\$0.53	\$0.53	\$0.53	\$0.53
020	Sealed Register <sup>5</sup>	\$174.80	\$200.89	\$306.60	\$214.84	\$281.88
021	Register Gasket <sup>6</sup>	\$0.88	\$0.88	\$0.88	\$0.88	\$0.88
022	Register O-Ring	\$1.01	\$1.01	\$1.01	\$1.01	\$1.01
023	Measuring Chamber Cover - "W-1000 / 1125-W" <sup>7</sup>	\$372.07	\$258.87		\$2,254.71	\$2,012.40
023A	Measuring Chamber Body - "W-1000 / 1125-W" (W-1250 Gasket housing has white dot for RER) <sup>8</sup>	\$394.89	\$521.25			
023B	W-1250 Measuring Chamber (has white dot for RER) <sup>8</sup>	\$408.35				
023C	Measuring Chamber Cap Screw	\$1.02	\$2.40			
023D	Locating Pin		\$0.20			
024	Register Locking Nut	\$0.50	\$0.50	\$0.50	\$0.50	\$0.50
025	Rotor Shaft Seal Nut		\$83.00	\$83.00	\$83.00	\$83.00
026	Seal Nut O-Ring		\$1.88	\$1.88	\$1.88	\$1.88
027	Main Flange Gasket	\$3.91	\$3.95	\$4.71	\$4.71	\$5.03
028	Blank Cover Plate	\$140.00	\$155.02	\$376.74	\$394.60	
029	Main Flange Cap Screw	\$2.20	\$6.43	\$8.43	\$10.33	
030	Main Flange Cap Screw (Drilled)	\$2.51	\$9.30	\$9.03	\$12.24	
036	Flow Straightener Assembly Complete			\$900.48	\$482.46	\$732.78
038A	Flow Straightener Complete-W2000 DRS only	\$140.00	\$400.31			
038B	Flow Straightener Complete-W2000 DR only		\$480.31			
038C	Holding Tab		\$1.90			
039	Flow Straightener Locking Screw			\$1.21	\$1.81	\$2.04
040	Nose Piece		\$52.58	\$56.41	\$60.16	\$60.16
041	Straightening Vane (without Tab)		\$0.03	\$52.88	\$60.16	
042	Straightening Vane (with Tab)			\$45.11	\$50.41	
043	Center Support		\$200.80	\$300.03	\$357.04	
044	Flow Straightener Holding Screw		\$1.21	\$1.21	\$0.70	\$0.70
045A	Maincase DR and DRS <sup>1</sup>	\$1,081.62	\$3,250.55	\$2,807.33	\$4,855.19	\$6,784.20
489	Maincase DRS (with Strainer and Test Plug)	\$1,607.03				
046	Flange Cap Screw		\$2.78	\$2.78	\$2.78	
049	Flange Nut	\$1.82	\$4.25	\$4.25	\$4.25	\$9.38
050	Eye Bolt				\$18.84	\$18.84
051	Companion Flange Gasket	\$7.40	\$11.31	\$13.31	\$16.65	\$28.17
052	Companion Flange - Cast Iron	\$76.16	\$103.50		\$140.00	\$186.14
052B	Companion Flange - Bronze	\$180.55	\$310.02			
053	Flange Bolt	\$2.78	\$4.23	\$11.31	\$8.43	\$11.80
054	Outer Ring			\$247.53		
055	Flow Straightener Holding Tab			\$4.25		
059	Handle			\$21.00		
067	Handle Nut			\$1.21		
069	Spool Piece (W-2000 DRS Only)			\$186.14		
060	Lid Locking Hesp (1125-W only)	\$78.89				
061	3" x 2-1/2" Coupling-Male Threads (1125-W only) <sup>9</sup>	\$121.43				
062	Deel Female Swivel Coupling w/Screen (1125-W only) <sup>9</sup>	\$201.11				
063	Screen (1125-W only)	\$12.41				
064	C Clip (1125-W only)	\$36.56				
065	Gasket (1125-W only)	\$5.75				
066	Hydrant Meter Support Assembly (1125-W only)	\$271.80				
067	3" Gate Valve Assembly (1125-W only) <sup>9</sup>	\$450.17				
068	3" Adapter Nipples (1125-W only) <sup>9</sup>	\$114.82				
069	Strainer Cover (DRS Only)	\$150.27	\$170.28			
070	Screen (DRS Only)	\$75.15	\$10.00			
071	Gasket (DRS Only)	\$3.82	\$4.71			
072	Strainer Cover Cap Screw (DRS Only)	\$2.20	\$2.28			
073	Test Plug (DRS Only)	\$37.40	\$37.40			
074	Drain Plug (DRS Only)	\$23.70	\$23.70			

<sup>1</sup> Refer to Modernization and Maintenance Plan (MMP) for Measuring Chamber complete on Page 10. Must specify registration units.  
<sup>2</sup> Two Spacers are required on W-5500 DR Turbo Meters. W-5500 rotor shaft will be aligned with two spacers and retaining ring.  
<sup>3</sup> Upon installation of new rotor, accuracy test and calibration adjustment is recommended.  
<sup>4</sup> Specify registration by letter designation:  
 A. US Gallon B. Cubic Feet  
 C. Other (specify) If original register was 3-3/16" in diameter, specify replacement register with register adapter ring.  
<sup>5</sup> The W-1000, W-2000 and 1125-W measuring chambers are two-piece assemblies. All other measuring chambers are one-piece.  
<sup>6</sup> Fire hose threads are 2-1/2" - 7-1/2" NPT threads unless otherwise specified.  
<sup>7</sup> Maincase - specify meter model.  
<sup>8</sup> Item 007 (3" Gate Valve) requires items 051 and 068.

All parts for Model 1125-W, with the exception of the maincase are identical to W-1000. Order accordingly

Please order parts by part number. Use the prefix at the top of the column (size) along with the item number  
 Example: 1916002 for a 4" W-1000 Rotor Cap.

TURBO WATER METERS - 16" - PART PRICES



No.	Description	Prefix #	List Price
001A	Measuring Chamber Complete <sup>1</sup>		\$15,769.16
002	Register Cover Hinge Pin		\$0.53
003	Register Cover		\$6.54
004	Register Cup Seal Screw		\$1.61
005	Register Cup		\$125.86
006	Register Gasket		\$6.11
007	Register (Specify Registration) <sup>2</sup>		\$82.11
008	Register Retaining Plate		\$140.90
009	Register Plate O-Ring		\$2.78
010	Register Drive Magnet and Shaft Assembly		\$30.06
011	Change Gear (Specify Meter Serial Number)		\$30.96
012	Support Plate Screw		\$0.68
013	Support Plate		\$35.84
014	Radial Ball Bearing		\$28.17
015	Collar Assembly		\$44.33
016	Collar Set Screw (Included with No. 15)		\$1.82
017	Vertical Shaft		\$103.36
018	Rotor Shaft Assembly		\$1,268.31
019	Rotor Shaft and Thrust Pin <sup>3</sup>		\$770.33
020	Rotor Shaft Screw <sup>3</sup>		\$1.21
021	O-Ring <sup>3</sup>		\$1.46
022	Flanged Radial Ball Bearing <sup>3</sup>		\$24.42
023	Driven Magnet and Spindle <sup>3</sup>		\$50.68
024	Driver Miter Gear with Screw <sup>3</sup>		\$50.68
025	Driven Miter Gear with Screw <sup>3</sup>		\$82.66
026	Miter Gear Shaft <sup>3</sup>		\$10.35
027	Rotor Assembly Complete		\$4,875.07

Description	Prefix #	List Price
028 Rotor Cap <sup>4</sup>		\$187.89
029 Rotor Shaft Nut <sup>4</sup>		\$6.60
030 Rotor Shaft Washer <sup>4</sup>		\$6.11
031 Bearing Retainer <sup>4</sup>		\$35.64
032 Rotor with Ceramic Bearing <sup>4</sup>		\$4,566.48
033 Rotor Magnet <sup>4</sup>		\$30.06
034 Rotor Magnet Retainer <sup>4</sup>		\$28.17
035 Retainer Tapping Screw <sup>4</sup>		\$1.26
036 Measuring Chamber Cover		\$2,630.53
037 Measuring Chamber Body		\$3,184.18
038 Measuring Chamber Screw		\$12.24
039 Measuring Chamber Tail Cone		\$1,024.01
040 Tail Cone Screw		\$8.43
041 Shaft Slip Sleeve		\$107.07
042 Shaft Sleeve O-Ring		\$1.68
043 Chamber Cover Cap Screws		\$11.31
044 Chamber Cover Gasket		\$10.35
045 Maincase and Straightening Vane Assembly		\$14,092.03
046 Maincase Only		\$9,394.74
047 Straightening Vane Assembly Only		\$4,697.38
048 Straightening Vane Screw		\$1.21
049 Companion Flange Gasket		\$39.45
050 Blank Cover Plate		\$798.55
051 Companion Flange Bolt - Long (14 Required)		\$16.94
051A Companion Flange Bolt - Short (2 Required) <sup>5</sup>		\$16.94
052 Companion Flange Nut		\$9.38

- <sup>1</sup> - Measuring chamber complete includes No 002 through No 042
- <sup>2</sup> - Specify registration by letter designation:  
A. US Gallon B. Cubic Feet
- <sup>3</sup> - These items included in No 018
- <sup>4</sup> - These items included in No 027 or No 027A
- <sup>5</sup> - Two short bolts are used on top flange bolts to connect strainer to meter

Please order parts by part number. Use the prefix at the top of the column (size) along with the item number.  
Example: 1923002 is a 16" register cover hinge pin.

METER WATER STRAINERS - PART PRICES

All Pricing is in US Currency



**METER WATER STRAINERS**

No.	Name of Part	List Price							
		1-1/2" - 2"	3"	4"	6"	8"	10"	16"	
	Prefix #	1712	1714	1715	1718	1719	1720	1723	
001A	Body - Iron	Not Available			\$1,089.75	\$1,597.08	\$1,803.80	\$5,636.85	
001B	Body - Bronze	\$454.75	\$563.73	\$744.06	Not Available				
002	* Screen	\$58.40	\$60.16	\$75.16	\$79.00	\$225.48	\$375.74	\$657.61	
003	Main Flange Gasket	\$3.08	\$2.35	\$4.10	\$4.10	\$5.63	\$7.17	\$9.83	
004A	Cover - Iron	Not Available			\$170.28	\$268.74	\$450.90	\$125.54	
004B	Cover - Bronze	\$122.12	\$135.27	\$150.27					
005	Cap Screw - Main Cover	\$1.21	\$1.21	\$2.26	\$8.43	\$8.43	\$10.35	\$11.31	
006	Flange Bolt	\$2.35	\$1.92	\$2.35	\$2.78	\$2.78	\$11.80	\$16.94	
007	Flange Nut								\$9.39

**Screen Specifications for all sizes**

- 1-1/2" - 10" - V-Shape Screen (Perforated Stainless Steel)
- 16" - Two-Piece Screen (Cast-Bronze)
- 1-1/2" - 10" - Flanges are Threaded
- 16" - Drilled Flanges - Require Nuts & Bolts

Please order parts by part number. Use the prefix at the top of the column (size) along with the item number.  
 Example: 1712001B is a 1-1/2" and 2" bronze strainer body.

**PROPELLER METER MMP PRICES**

All Pricing is in US Currency



**PROPELLER METER MAINTENANCE PROGRAM (MMP)**

- The Modernization and Maintenance Plan (MMP) provides utilities the option of purchasing either complete Sensus measuring chambers for replacement or components to upgrade existing measuring chambers to current specifications.
- The return of an existing measuring chamber is NO LONGER REQUIRED to obtain a new measuring chambers of current design and register configuration.
- All MMP measuring chambers will include the original Sensus warranty of materials and workmanship; the same as is currently issued for a new Sensus Propeller Meter of the same size and type.
- MMP materials provided under this program, including required (gasket(s), will be shipped F O B shipping point no freight allowed
- The following meter information will be required to properly process your order:
  - ♦ Meter Size
  - ♦ Meter Model 101, 102 111 112 119 120 only
  - ♦ Serial Number
  - ♦ Registration Units
- Optional information may be needed:
  - ♦ Static Pressure Rating
  - ♦ Existing Meter Change Gear Numbers
- This Maintenance Program offer is available only from Sensus or an authorized Sensus Distributor
- To obtain your discounted price from the LIST prices itemized below please contact your local Sensus or Distributor representative

**Standard with Sealed Direct Read Register**

Meter Size	List Price						
	3"	4"	6"	8"	10"	12"	
Test For Accuracy Only 3' - 12" Size	\$1,270.33	\$1,539.18	\$1,651.75	\$1,934.05	\$2,157.53	\$2,382.67	
	\$158.96						
	14"	16"	18"	20"	24"	30"	36"
Test For Accuracy Only 14' - 36" Size	\$2,596.90	\$2,923.75	\$3,171.69	\$3,463.13	\$4,849.83	\$6,443.19	\$8,485.57
	\$280.69						
Special meter testing requests for other than AWWA flow rates add	\$98.15						

**Sensus Sealed Meter Conversion Kits**

- Includes all hardware required to convert from previous Mechanical Register model to the current Sealed Register style configuration and the Sealed Direct Read Register including change gears
- No return of your existing meter required
- Available on all meter sizes.
- Required existing meter serial number and/or change gear information
- Desired register type (if other than Sealed Direct Read) must be selected from listing below and shall be priced accordingly.

All Meter Sizes \$328.08

**Register Add-On Options**

- Select desired register(s) for use on either the Measuring Chamber Complete or for use with Conversion Kit
- Available on ALL meter sizes
- Must specify registration unit and desired rate of flow unit (if applicable)

Register Add-On Options	List Price
Impulse Contactor Register w/ Adapter Cup	\$836.69
High Speed Pickup Register	\$600.55
E-ROFI II Electronic Rate of Flow/Totalizer	\$534.36
ECR Register-All versions/6 wheel	\$178.67
Hall Effect (H/E) Pulse Transmitter Module*	\$424.43

**Electronic Rate of Flow Indicator/Totalizer List Prices**

- Due to its unique sealed batter-powered operation the existing in-service E-ROFI may be exchanged
- Unit must be returned to Sensus designed location in repairable condition within 60 days after receipt of new E-ROFI register assembly.
- Warranty for MMP E-ROFI register operation is same as when E-ROFI register is purchased with meter

**Notes:**

- 1 Add price for Reuse Meter \$70.06  
 Package for all sizes of measuring chambers Includes wet purple coating to external surfaces. "RW" stamp on measuring chamber and register marked "reclaim water" shaded Pantone Purple
- 2 Vertical propeller meter installations require special lubrication. Must specify at time of order No additional charge

E-ROFI / Totalizer Exchange \$360.15  
 E-ROFI II must be returned to qualify for exchange or new register price will be charged

**TO ORDER "PROPELLER METERS" CONTACT SMITH-BLAIR, INC.**  
 1-800-643-9705, FAX 1-800-648-6792, www.smith-blair.com

PROPELLER WATER METERS - PART PRICES

Page 18  
All Pricing is in US Currency



**PROPELLER METERS - PART PRICES**

No.	Description	List Price
001	Bonnet Std. Reg Lid & Glass Assembled (#2, #3, #4) <sup>2</sup>	N/A
002	Bonnet & Glass Assembled <sup>2</sup>	N/A
003	Lid Only <sup>2</sup>	N/A
004	Hinge Pin <sup>2</sup>	N/A
007	Bonnet Mounting Screw & O-Ring <sup>2</sup>	N/A
011	Bonnet O-Ring <sup>2</sup>	N/A
012	Register - Includes #13 & #14 (Specify Registration Units) <sup>2</sup>	N/A
013	Registration Sweep Hand <sup>2</sup>	N/A
014	Register Dial Face (Specify Registration Units) <sup>2</sup>	N/A
015	Register Driven "B" Gear <sup>1,2</sup>	\$31.33
016	Register Mounting Screw <sup>2</sup>	N/A
017	Register Mounting Lock Washer <sup>2</sup>	N/A
018	Register Driver "A" Gear <sup>1</sup>	\$31.33
019	Vertical Shaft Upper Bearing	\$28.17
020	Set Collar Assembly	\$44.33
Vertical Shaft Assembly -		
021A	Models 101 102 111, 112 119 & 120 Only (Specify Meter Size)	
	3-12" 14-16" 18-36"	
	\$66.95 \$97.25 \$140.07	
021B	Vertical Shaft Assembly - Models 305 & 306 (Specify Meter Size)	
	4-12" 14-16" 18-24"	
	\$7.56 \$111.98 \$140.44	
022	Upper Bearing Retainer	\$0.67
023	Sleeve Bolt	
	3" 4-8" 10-36"	
	\$54.05 \$96.40 \$152.54	
024	Lockwasher	\$1.84
025	Meter Head Only	
	3-4" 6-8" 10-12" 14-36"	
	\$394.59 \$432.13 \$516.72 \$864.35	
026	Meter Head Bolts	
	3-4" 6-36"	
	\$8.43 \$9.39	
027	Meter Head Gasket or O-Ring	
	3-4" 6-8" 10-12" 14-36"	
	\$10.79 \$16.13 \$21.64 \$32.42	
028	Gear Box O-Ring	\$1.68
029	Gear Box Groove Pin	\$1.68
030	Gear Box	
	3" 4-12" 14" 16" 18" 20-36"	
	\$122.04 \$159.73 \$197.29 \$291.24 \$375.74 \$488.54	
031	Driven Miter Gear & Set Screw	\$82.66
032	Driver Miter Gear & Spt Screw	\$50.68
033	Support Plate Screw	\$0.68
034	Support Plate	\$35.64
035	Magnet Shaft Bearing	\$28.17
036	Magnet Shaft & Spindle	\$50.68
037	Driven Miter Gear Shaft	\$10.35
038	Miter Gear Shaft Bearing	\$24.42
039	Shim 1/4" ID	\$1.21
040	Shim 3/16" ID	\$1.21
041	Separator O-Ring	\$1.46
042	Separator - Ceramic Coated w/ Thrust Pin	\$892.43
	Separator Assembly Complete - Includes Parts #31, #32, #33, #34, #35, #36, #37, #38, #39, #40, #41, & #42	\$1,427.61
043	Separator Mounting Screws	\$1.26
044	Snap Ring	\$10.79
045	Driven Magnet	\$30.06
047	Ceramic Bearing Assembly - Not Sold Separately	
	Propeller Assy Complete Black - Includes #45 #46	
048	#47 #48 #49 #50 #51, #52 & #53	
	3-8" 10-12" 14" Larger	
	\$489.77 \$526.01 \$582.49 \$610.68	
049	Propeller Available Only as an Assembly - See 48	

No.	Description	List Price
050	Propeller Washer - Thick	\$1.46
051	Propeller Lock Nut	\$2.64
052	Nose Cone Assembly	\$163.41
053	Snap Ring	\$9.39
054	Register Bonnet Sealscrew w/ Seal Wire Hole	\$6.54
055	Register Bonnet Sealscrew	\$6.02
056	Register Bonnet and Lid	\$116.17
056A	Hinge Pin	\$0.59
056B	Lid Only	\$12.12
056C	Register Bonnet Only	\$94.56
057	Register Gasket	\$15.06
058	Sealed Register	\$103.36
059	Adapter Gasket	\$4.32
060	Magnet and Gear Assembly (Specify Serial #)	\$61.40
060A	Magnet	\$15.06
060B	Magnet Shaft	\$15.06
060C	Register Driven B-Gear	\$31.33
061	Adapter Plate Screws	\$6.02
062	Adapter Plate	\$131.51
066	ROFI Bonnet, Lid & Glass Assembled - Part #3, #4 & #167 (For Old Style Mechanical ROFI)	N/A
067	Bonnet & Glass Assembly (Old Style Mechanical ROFI) <sup>3</sup>	N/A
072A	E-ROFI II Electronic Rate Register - Requires HET for pulse	\$544.44
074	Bonnet Mounting Screw and O-Ring <sup>3</sup>	N/A
076	ROFI Driven Gear "B" <sup>3</sup>	\$31.33
077	ROFI Assembly Complete (Old) <sup>3</sup>	N/A
078	Register Cup for Models 305-306 Only	\$131.57
079	Upper Band Assembly Models 305 -306 Only	
	4" 6" 8" 10-24"	
	\$122.12 \$131.56 \$140.90 \$169.14	
080	Register Cup Follower for Models 305-306	\$89.53
081	Register Cup Gasket for Models 305-306 Only	\$2.42
082	Register Cup Pins for Models 305-306 Only	\$1.32
083	Lower Band Models 305-306 Only	
	4-10" 12-14" 16" 18-24"	
	\$63.81 \$76.62 \$87.57 \$125.89	
084	Meter Tube Assembly for Models 101-102	
	#150 #300 #150 #300	
	3" \$1,146.13 \$1,146.13 12" \$2,235.94 \$3,194.19	
	4" \$1,125.32 \$1,125.32 16" \$6,576.28 \$7,515.75	
	6" \$1,559.52 \$1,559.52 18" \$9,796.68 \$10,897.90	
	8" \$1,678.92 \$1,678.92 20" \$1,127.37 \$12,588.84	
	10" \$2,268.97 \$2,268.97	
084A	Meter Tube Assembly for Models 111-112	
	#150 #300 #150 #300	
	4" \$845.49 \$845.49 12" \$1,784.97 \$1,784.97	
	6" \$1,127.37 \$1,127.37 16" \$6,576.28 \$6,576.28	
	8" \$1,315.20 \$1,315.20 18" \$7,891.54 \$7,891.54	
	10" \$1,597.08 \$1,597.08 20" \$9,394.74 \$9,394.74	
085	Meter Head Complete w/ Standard Sealed Register for Models 101 111 & 119 Refer to MMP Provisions PM-799	
086	Meter Head Complete w/ Sealed Electronic ROFI Register for Models 102, 112 & 120 Refer to MMP Provisions PM-799	
087	Dummy Cover Plates	
	3-4" 6-8" 10-12" 14-28"	
	\$244.32 \$263.03 \$300.62 \$328.88	
088	HET Transmitter with 25 feet of cable.	\$267.11
088A	Adapter Plug - Covers slot when HET Transmitter is not used.	\$4.94

Specify Number of Teeth or Meter Serial Number  
Discontinued old style register part  
Discontinued

TO ORDER "PROPELLER METERS" CONTACT SMITH-BLAIR, INC.  
1-800-643-9706, FAX 1-800-648-6792 www.smith-blair.com

125-W PORTABLE WATER METER TEST ASSEMBLY - PART PRICES



No.	Description	Prefix #	List Price	No.	Description	Prefix #	List Price
001	125-W Maincase Portable Meter Tester		\$680.85	023	Pressure Gauge		\$38.84
002	W-350 Flow Straightener		\$93.86	024	3/4" x 1/4" Adapter, Bronze		\$31.38
003	125-W RER Measuring Chamber - with or without RER Register (see Turbo TM899)		See Turbo Meter MMP Page 13	025	1/4" Closed Nipple, Brass		\$2.06
004	W-350 Main Flange Gasket		\$3.16	026	1/4" Ball Valve		\$22.90
005	W-125 RER Register Assembly - Replacement (see Meter Tester & Accessories)		See Note Below	027	1/4" Brass Nipple		\$6.23
006	5/8" SR Register Gasket		\$0.68	028	3/4" x 1/4" Hex Reducing Bushing		\$12.86
007	Register O-Ring		\$1.02	029	3/4" Hose Coupling, Brass		\$6.55
008	Register Jam Nut		\$6.80	030	Reset Button - Replacement for all RER's		\$18.39
009	Main Flange Capscrew 3/8" - 16x1"		\$2.26	031	Screw for Reset Button		\$1.05
010	End Plate		\$200.32	032	Lock Washer for Reset Button		\$0.55
011	End Plate Capscrew 5/8 - 11x4"		\$10.97	033	Cover, Reset Button, Clear Plastic with Hole		\$9.82
012	2" Butterfly Valve		\$363.79	034	Screen - for 2-1/2" Swivel Coupling		\$12.16
013	Bumper Foot, Rubber-Steel Core		\$19.78	035	Clip Ring, to Retain #034		\$33.90
014	2" Brass Closed Nipple		\$15.01	036	Adapter, Test Nipples to 2-1/2" Fire Hose (not shown)		\$113.61
015	2" NPT x 2-1/2" NST Hex Coupling Adapter		\$140.80	037	Test Nipple, 1' Pipe - Use with #036 (not shown)		\$23.61
016	Swivel Coupling Assembly - 2-1/2" NST Female		\$143.03	038	Test Nipple, 1-1/2" Pipe - Use with #036 (not shown)		\$27.94
017	SRII RER Register Assembly - Replacement (see Meter Tester & Accessories)		See Note Below	039	Test Nipple, 2' Pipe - Use with #036 (not shown)		\$66.51
018	Plastic Zip Tie		\$0.35	040	Spanner Wrench, for Hose Couplings (not shown)		\$47.47
019	3/4" Bend Connection, Bronze		\$9.47	041	Test Ring, for Direct Read Registers (not shown)		\$2.18
020	3/4" Union nut, Bronze		\$1.83	042	Test Ring, for GTR Registers (not shown)		\$3.18
021	3/4" Connection Gasket		\$0.27	043	Coupling Gasket		\$5.63
022	5/8" x 3/4" SRII Meter Assembly with RER Register (see Turbo TM899)		See Turbo Meter MMP Page 13				

NOTE: FOR ITEMS 005 & 017, REFER TO OTHER PRICE BOOK  
"DISTRIBUTOR METERS & AMR/AMJ PRICE LIST" ON PAGE 14

Please order parts by part number. Use the prefix at the top of the column (size) along with the item number.  
Example: 3813001 is a W-125 tester maincase.

W-1250 PORTABLE WATER METER TEST ASSEMBLY - PART PRICES



No	Description	Prefix #	List Price	No	Description	Prefix #	List Price
001	W-1250 Maincase - Portable Meter Tester	→ ●	\$1,498.76	024	3/4" x 1/4" Adapter, Bronze		\$31.38
002	W-1000 Flow Straightener	→ ●	\$140.90	025	1/4" Closed Nipple, Brass		\$2.06
003	W-1250 RER Measuring Chamber - with RER Register (see Turbo TM899)		See Turbo Meter MMP Page 13	026	1/4" Ball Valve		\$22.30
004	W-1000 Main Flange Gasket		\$3.51	027	1/4" x 4" Brass Nipple		\$4.35
005	W-1250 RER Register Assembly - Replacement (see Meter Tester & Accessories)		See Note Below	028	3/4" x 1/4" Hex Reducing Bushing		\$12.86
006	5/8" SR Register Gasket		\$0.69	029	3/4" Hose Coupling, Brass		\$6.65
007	Register O-Ring		\$1.02	030	Reset Button - Replacement for all RER's		\$18.39
008	Register Jam Nut		\$6.60	031	Screw for Reset Button		\$1.05
009	Main Flange Capscrew 3/8" - 18x1"		\$2.26	032	Lock Washer for Reset Button		\$0.95
010	3" End Plate Flange		\$83.83	033	Cover, Reset Button, Clear Plastic with Hole		\$9.81
011	End Plate Capscrew 5/8" - 11x8"	→ ●	\$1.08	034	3/4" Straight Connection		\$4.32
012	3" Butterfly Valve		\$395.49	035	W-1250 Warning Tag		\$7.71
013	Bumper Foot, Rubber-Steel Core		\$19.78	036	Drive Screw - for Retaining #035		\$0.08
014	3/4" x 2" Pipe Nipple	→ ●	\$5.31	037	Screen - for 2-1/2" Swivel Coupling		\$12.16
015	3" NPT x 2-1/2" NST Hex Coupling Adapter		\$118.82	038	Clip Ring, to Retain #037		\$33.90
016	Swivel Coupling Assembly - 2-1/2" NST Female		\$143.03	039	Adapter, Test Nipples to 2-1/2" Fire Hose (not shown)		\$113.61
017	SR1 RER Register Assembly - Replacement (see Meter Tester & Accessories)		See Note Below	040	Test Nipple, 1" Pipe - Use with #039 (not shown)		\$23.61
018	Plastic Zip Tie		\$0.35	041	Test Nipple, 1-1/2" Pipe - Use with #039 (not shown)		\$27.94
019	3/4" Pipe Elbow		\$11.56	042	Test Nipple, 2" Pipe - Use with #039 (not shown)		\$66.61
020	3/4" Union Nut, Bronze		\$3.47	043	Spanner Wrench, for Hose Couplings (not shown)		\$47.47
021	3/4" Connection Gasket		\$0.27	044	Test Ring, for Direct Read Registers (not shown)		\$2.18
022	6/8" x 3/4" SR11 Meter Assembly with RER Register (see Turbo TM898)		See Turbo Meter MMP Page 13	045	Fire Hose, 2-1/2" x 25' Long (not shown)		\$455.81
023	Pressure Gauge		\$38.84	046	Coupling Gasket		\$5.83

NOTE: FOR ITEMS 005 & 017, REFER TO OTHER PRICE BOOK  
DISTRIBUTOR METERS & AMR/AMI PRICE LIST ON PAGE 14

Please order parts by part number. Use the prefix at the top of the column (size) along with the item number  
Example: 3814001 is a W-2500 maincase

W-2500 PORTABLE WATER METER TESTER - PRICES



No.	Description	Prefix #	List Price	No.	Description	Prefix #	List Price
001	W-2500 Maincase-Portable Meter Tester		\$2,520.77	028	3/4" x 1/4" Hex Reducing Bushing		\$12.86
002	W-1000 Flow Straightener		\$140.90	029	3/4" Hose Coupling, Brass		\$6.55
003	W-1250 RER Measuring Chamber - with RER Register (see Turbo TM899)	See Turbo Meter MMP Page 13		030	Reset Button - Replacement for all RER's		\$18.39
004	W-1000 Main Flange Gasket		\$3.51	031	Screw for Reset Button		\$1.05
005	W-1250 RER Register Assembly - Replacement (see Meter Tester & Accessories)	See Note Below		032	Lock Washer for Reset Button		\$0.55
006	5/8" SR Register Gasket		\$0.68	033	Cover, Reset Button, Clear Plastic with Hole		\$8.82
007	Register O-Ring		\$1.02	034	3/4" Straight Connection		\$4.32
008	Register Jam Nut		\$6.60	035	W-1250 Warning Tag		\$24.78
009	Main Flange Capscrew 3/8" - 16x1"		\$2.26	036	Drive Screw - for Retaining #35		\$0.06
010	4" End Plate Flange		\$177.35	037	Nut, 3/8" UNC		\$1.45
011	End Plate Capscrew 5/8" - 11x8"		\$1.08	038	Washer, 3/8" SAE		\$0.23
012	4" Butterfly Valve		\$445.83	039	Lock Washer, 3/8"		\$1.80
013	Tube, Inlet - 24" Long		\$235.28	040	Washer, 1/2" SAE		\$0.41
014	3/4" x 2" Pipe Nipple		\$5.31	041	Lock Washer, 1/2"		\$0.54
015	Clamp, Pipe Support		\$114.75	042	Adapter Coupling, 4" Hose to Pipe Thread		\$699.02
016	Capscrew 1/2" - 1.50" Long		\$9.39	043	Screen, for 4" Adapter Coupling		\$29.87
017	SR11 RER Register Assembly - Replacement (see Meter Tester & Accessories)	See Note Below		044	Clip Ring, to Retain #043		\$97.23
018	Plastic Zip Tie		\$0.35	045	Gasket, for 4" Fire Hose Swivel Cplg. (not shown)		\$19.19
019	3/4" Pipe Elbow		\$11.56	046	Adapter, Test Nipples to 4" Fire Hose (not shown)		\$972.84
020	3/4" Union Nut, Bronze		\$3.47	047	Test Nipple, 1" Pipe - Use with #046 (not shown)		\$23.61
021	3/4" Connection Gasket		\$0.27	048	Test Nipple, 1-1/2" Pipe - Use with #046 (not shown)		\$27.94
022	5/8" x 3/4" SR11 Meter Assembly with RER Register (see Turbo TM899)	See Turbo Meter MMP Page 13		049	Test Nipple, 2" Pipe - Use with #046 (not shown)		\$66.61
023	Pressure Gauge		\$38.84	050	Spanner Wrench, for Hose Couplings (not shown)		\$47.47
024	3/4" x 1/4" Adapter, Bronze		\$31.38	051	Test Ring, for Direct Read Registers (not shown)		\$2.18
025	1/4" Closed Nipple, Brass		\$2.06	052	Fire Hose, 4' x 2 1/2" Long (not shown)		\$1,571.28
026	1/4" Ball Valve		\$22.90	053	Mounting Template (not shown)		\$11.48
027	1/4" x 4" Brass Nipple		\$4.35	054	Tube, Outlet - 9" Long		\$82.34

NOTE: FOR ITEMS 005 & 017, REFER TO OTHER PRICE BOOK  
DISTRIBUTOR METERS & AMR/AMI PRICE LIST ON PAGE 14

Please order parts by part number. Use the prefix at the top of the column (size) along with the item number.  
Example: 3814001 is a W-2500 maincase.

AMR/AMI MAINTENANCE PROGRAMS - PRICES



**VEHICLE EQUIPMENT MAINTENANCE PROGRAM**

Model	List Price Annual Charge
Vehicle Tranceiver Unit (VXU) 3600	\$1,426.37

**AR500 EQUIPMENT Extended Maintenance Programs**

Model	1 Additional Year	2 Additional Years (2% Discount)	3 Additional Years (5% Discount)	4 Additional Years (10% Discount)
AR5001 <sup>1</sup> (Including 1 Charging/Communication stand per Hand-Held)	\$286.60	\$561.73	\$816.81	\$1,031.75
AR5002 <sup>1</sup> (Including 1 Charging/Communication stand per Hand-Held)	\$324.45	\$635.92	\$924.68	\$1,168.02
AR5501 <sup>1</sup> (Including 1 Charging/Communication stand per Hand-Held)	\$286.60	\$561.73	\$816.81	\$1,031.75
AR5502 <sup>1</sup> (Including 1 Charging/Communication stand per Hand-Held)	\$324.45	\$635.92	\$924.68	\$1,168.02
AutoGun	\$178.45	\$349.76	\$508.58	\$642.41
Additional Charging/Communication Stand	\$156.82	\$307.37	\$446.93	\$564.54

**AutoGun Prices**

Model	Price
AutoGun Model 4090	\$152.25
AutoGun Model 4091	\$152.25
AutoGun Model 4094	\$152.25
AutoGun Model 4095	\$152.25
AutoGun Extensions	\$118.65
Charging/Communication Stand	\$133.35

**NOTE:**

<sup>1</sup> - Does not include battery

DETECTOR CHECK VALUE - PART PRICES

All Pricing is In US Currency



No.	Description	List Price			
		4"	6"	8"	10"
Prefix #		9016	9018	9019	9020
001	Cover Gasket	\$7.70	\$21.65	\$24.20	\$24.20
002A	Cover Mounting Bolts - Plated Steel	\$1.11	\$4.71	\$4.71	\$4.71
002B	Cover Mounting Bolts -- Stainless Steel	\$2.53	\$6.79	\$6.79	\$6.79
003	Cover	\$528.08	\$559.83	\$1,259.25	\$1,259.25
004	Vent Screw	\$5.13	\$5.13	\$5.13	\$5.13
005	Vent Washer	\$0.79	\$0.79	\$0.79	\$0.79
006	Eyebolt - For Cover Lifting Only	\$11.13	\$25.42	\$25.42	\$25.42
007	Clapper Arm	\$51.02	\$54.67	\$78.30	\$86.06
008	Pivot Shaft	\$97.66	\$97.66	\$97.66	\$119.52
009	Pivot Shaft Washer	\$2.12	\$2.12	\$2.12	\$2.12
010	Pivot Shaft Retaining Clip	\$6.53	\$6.53	\$6.53	\$6.53
011A	Body, with Seat Installed - Standard	\$692.28	\$1,192.20	\$1,328.18	\$1,726.03
011B	Body, with Seat Installed - Compact 4"	\$668.53			
012A	Pipe Plug - Cast Iron	\$9.86	\$8.65	\$8.65	\$8.65
012B	Pipe Plug - Brass	\$21.65	\$37.40	\$37.40	\$37.40
014	Hex Head Cap Screw (for Clamp Plate)	\$0.94	\$0.94	\$1.21	\$3.84
015	Clamp Plate	\$22.46	\$59.47	\$91.29	\$155.14
016	Seat	\$46.57	\$122.56	\$124.65	\$143.66
017	Clapper Rubber	\$16.21	\$21.53	\$26.94	\$39.55
018	Clapper	\$97.62	\$125.46	\$215.20	\$337.86
019	Hinge Pin	\$9.73	\$10.60	\$14.81	\$17.22
020	Hinge Pin Retaining Ring	\$2.04	\$2.04	\$3.67	\$3.67
021	Clapper Hinge Pin	\$9.73	\$9.73		\$16.72
022	Clapper Pin Retaining Ring	\$2.04	\$2.04		\$3.04
023	8" Clapper Pin			\$20.44	
024	8" Clapper Pin Retaining Ring			\$2.04	
025	Weight	\$171.37	\$344.49	\$541.71	\$777.08
026	Weight Retaining Ring	\$1.47	\$1.47	\$3.67	\$3.67

Please order parts by part number. Use the prefix at the top of the column (size) along with the Item number.  
 Example: 9016001 is a 4" cover gasket



The Measure of the Future

**Effective: June 1, 2010**

# North America Distributor Parts & Programs Price Directory

## Regional Sales Offices

### Northeast Region

1501 Ardmore Blvd, 6th Floor, Pittsburgh, PA 15221  
Phone: 724-430-4050; Fax - 724-430-4056

### Southeast Region

7202 Polston Court, Fairview, TN 37082  
Phone: 615-799-8324; Fax: 615-799-9486

### Midwest Region

207 Windmere Drive, Bowling Green, KY 42103  
Phone: 270-796-9040; Fax: 866-871-7427

### Western Region

19598 Quinn Circle NW, Elk River, MN 55330  
Phone: 763-241-6957; Fax: 763-274-0352

### Canadian Region

7876 Foxe Drive, Niagara Falls, Ontario L2H2Y5  
Phone: 519-751-8289; Fax: 905-734-5576

**Sensus Metering Systems**  
P.O. Box 487  
450 N. Gallatin Avenue  
Uniontown, PA 15401

Local 1-724-439-7729  
1-800-638-3748 (1-800-METER-IT)  
Fax: 1-800-888-2403

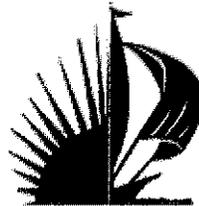
[www.sensus.com](http://www.sensus.com)  
Select North America Water  
Email: [h2oInfo@sensus.com](mailto:h2oInfo@sensus.com)

***CITY OF FORT LAUDERDALE  
SPECIFICATIONS PACKAGE***

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**413-10569**

**Water Meters, Groups I thru V (Annual  
Contract)**



**CITY OF FORT LAUDERDALE**

**Bob McKenney**

**954-828-5139**

**NON-COLLUSION STATEMENT:**

By signing this offer, the vendor/contractor certifies that this offer is made independently and *free* from collusion. Vendor shall disclose below any City of Fort Lauderdale, FL officer or employee, or any relative of any such officer or employee who is an officer or director of, or has a material interest in, the vendor's business, who is in a position to influence this procurement.

Any City of Fort Lauderdale, FL officer or employee who has any input into the writing of specifications or requirements, solicitation of offers, decision to award, evaluation of offers, or any other activity pertinent to this procurement is presumed, for purposes hereof, to be in a position to influence this procurement.

For purposes hereof, a person has a material interest if they directly or indirectly own more than 5 percent of the total assets or capital stock of any business entity, or if they otherwise stand to personally gain if the contract is awarded to this vendor.

In accordance with City of Fort Lauderdale, FL Policy and Standards Manual, 6.10.8.3,

3.3. City employees may not contract with the City through any corporation or business entity in which they or their immediate family members hold a controlling financial interest (e.g. ownership of five (5) percent or more).

3.4. Immediate family members (spouse, parents and children) are also prohibited from contracting with the City subject to the same general rules.

**Failure of a vendor to disclose any relationship described herein shall be reason for debarment in accordance with the provisions of the City Procurement Code.**

**NAME**

**RELATIONSHIPS**

**In the event the vendor does not indicate any names, the City shall interpret this to mean that the vendor has indicated that no such relationships exist.**

**BID/PROPOSAL SIGNATURE PAGE**

**How to submit bids/proposals:** It is preferred that bids/proposals be submitted electronically at [www.bidsync.com](http://www.bidsync.com), unless otherwise stated in the bid packet. If mailing a hard copy, it will be the sole responsibility of the Bidder to ensure that the bid reaches the City of Fort Lauderdale, City Hall, Procurement Department, Suite 619, 100 N. Andrews Avenue, Fort Lauderdale, FL 33301, prior to the bid opening date and time listed. Bids/proposals submitted by fax or email will NOT be accepted.

The below signed hereby agrees to furnish the following article(s) or services at the price(s) and terms stated subject to all instructions, conditions, specifications addenda, legal advertisement, and conditions contained in the bid. I have read all attachments including the specifications and fully understand what is required. By submitting this signed proposal I will accept a contract if approved by the CITY and such acceptance covers all terms, conditions, and specifications of this bid/proposal.

**Please Note:** If responding to this solicitation through BidSync, the electronic version of the bid response will prevail, unless a paper version is clearly marked **by the bidder** in some manner to indicate that it will supplant the electronic version. All fields below **must** be completed. If the field does not apply to you, please note N/A in that field.

Submitted by: **Susan Helms 10.21.2010**  
(signature) (date)

Name (printed): **Susan Helms** Title: **Municipal Sales Coordinator**

Company: (Legal Registration) **HD Supply Waterworks, Ltd.**

**CONTRACTOR, IF FOREIGN CORPORATION, MAY BE REQUIRED TO OBTAIN A CERTIFICATE OF AUTHORITY FROM THE DEPARTMENT OF STATE, IN ACCORDANCE WITH FLORIDA STATUTE §607.1501 (visit <http://www.dos.state.fl.us/>).**

Address: **4310 NW 10th Avenue**

City: **Oakland Park** State: **FL** Zip: **33309**

Telephone No. **954-772-7343** FAX No. **954-772-0443**

Email: **susan.helms@hdsupply.com**

Delivery: Calendar days after receipt of Purchase Order (section 1.02 of General Conditions): **3-21**

Payment Terms (section 1.03): **net 30**

Total Bid Discount (section 1.04): **0**

Does your firm qualify for MBE or WBE status (section 1.08): MBE  WBE

**ADDENDUM ACKNOWLEDGEMENT** - Proposer acknowledges that the following addenda have been received and are included in the proposal:

<u>Addendum No.</u>	<u>Date Issued</u>
<b>1</b>	<b>10.11.2010</b>
<b>2</b>	<b>10.12.2010</b>

**VARIANCES:** State any variations to specifications, terms and conditions in the space provided below or reference in the space provided below all variances contained on other pages of bid, attachments or bid pages. No variations or exceptions by the Proposer will be deemed to be part of the bid submitted unless such variation or exception is listed and contained within the bid documents and referenced in the space provided below. If no

statement is contained in the below space, it is hereby implied that your bid/proposal complies with the full scope of this solicitation. HAVE YOU STATED ANY VARIANCES OR EXCEPTIONS BELOW? BIDDER MUST CLICK THE EXCEPTION LINK IF ANY VARIATION OR EXCEPTION IS TAKEN TO THE SPECIFICATIONS, TERMS AND CONDITIONS. If this section does not apply to your bid, simply mark N/A in the section below.

Variances: **none**

revised 3-23-10