

# TruFLOW visual flow meters

## Project information

Job name:	Location:
Engineer:	Date submitted:
Contractor:	Submitted by:
Manufacturer's representative:	Approved by:

## Technical data

Material	Brass
Subcomponent Material	Pyrex Glass
End type 1	ISO 228-G 3/4"
End type 2	ISO 228-G 3/4"
Temp/pressure ratings	73 °F (23 °C) at 160 psi (11 bar) 180 °F (82 °C) at 100 psi (6.9 bar) 200 °F (93 °C) at 80 psi (5.5 bar)
Prop 65 label required?	Yes



## Product information and application use

Use the TruFLOW™ Visual Flow Meter on TruFLOW Jr. and TruFLOW Classic Manifolds to accurately measure the flow of hydronic radiant loops. The meter is available in a low range (A2640015), which measures 0.15 to 0.8 gpm and a high range (A2640027), which measures 0.25 to 2.0 gpm.

Part name	Part no.	A [inch]	B [inch]	C [inch]	Cv	Weight per UOM [lbs/UOM]
TruFLOW Visual Flow Meter, 0.15 to 0.8 gpm	A2640015	2.623	1.32	1.178	1.23	0.28
TruFLOW Visual Flow Meter, 0.25 to 2.0 gpm	A2640027	2.677	1.035	1.035	1.51	0.28
Replacement O-ring for TruFLOW Flow/Temperature Meter	A2620009	0.59	0.59	0.103	-	0

Part name	Part no.	Codes	Standards	Listings
TruFLOW visual flow meters	All	-	ASTM F877 R20: ISO 228-G ¾"	-

## Installation

Assemble the TruFLOW Visual Flow Meter on the return manifold and observe that the water flows in the same direction as the arrow on the body of the meter. The TruFLOW Visual Flow Meter may be installed in a vertical or horizontal position. Do not install the TruFLOW Visual Flow Meter upside-down (arrow pointing downward) as it will affect the accuracy of the reading. Do not use any solvent-based cleaner to clean the measuring windows.

## Related applications

- Radiant Heating and Cooling Systems
- Permafrost Protection Systems
- Turf Conditioning Systems

## Notes

Precision: +/-0.05gpm  
 Measuring Range: 0.15 gpm to 0.8 gpm  
 Connection:  
 R20 QS-style

Precision: +/-0.05gpm  
 Measuring Range: 0.40 gpm to 2.0 gpm  
 Connection:  
 R20 QS-style

## Footnotes

## Contact information

Uponor Inc.  
 5925 148th Street West  
 Apple Valley, MN 55124  
 T 800.321.4739  
 F 952.891.2008

Uponor Ltd.  
 6510 Kennedy Road  
 Mississauga, ON L5T 2X4  
 T 888.594.7726  
 F 800.638.9517