

ROSEMOUNT 8600 UTILITY™ VORTEX FLOWMETER



Delivering the value of Vortex technology

ROSEMOUNT


EMERSON
Process Management

DELIVERING THE VALUE OF VORTEX

Built on a foundation of measurement technology, Rosemount Vortex Flowmeters have a wide range of options to fit a variety of process and utility applications.

The Rosemount 8600 Utility™ Vortex Flowmeter improves reliability and reduces installed cost by minimizing potential leak points and eliminating the need for impulse lines.

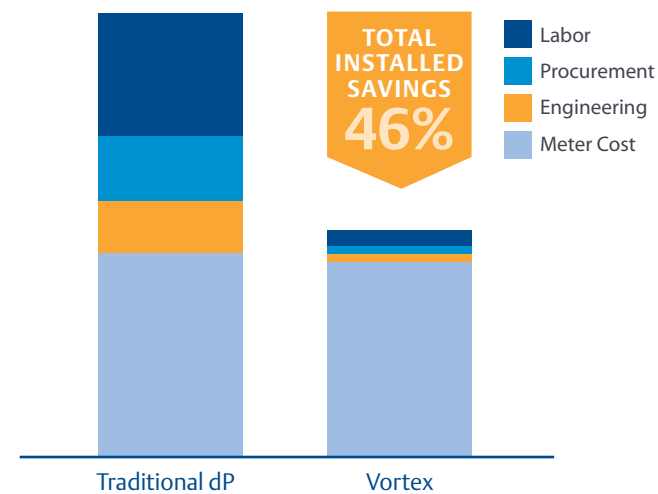


8600 UTILITY™ VORTEX FLOWMETER

Reduce Installed Costs

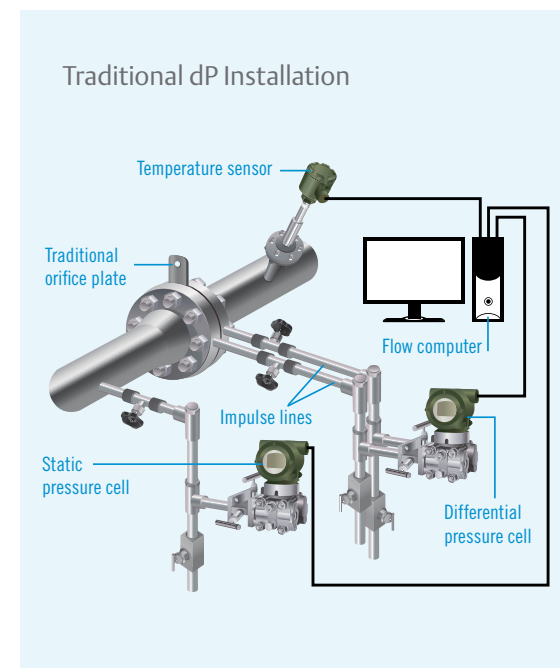
Engineering Cost: Typical Savings = 65%	Procurement Cost: Typical Savings = 35% - 75%	Labor Cost: Typical Savings = 75%
--	--	--

COST COMPARISON FOR 2-INCH LINE SIZE



Ease of installation

- ✓ Inline technology eliminates impulse lines
- ✓ Leak tested and factory configured
- ✓ No field calibration or zeroing required
- ✓ Optional mass flow with a single device

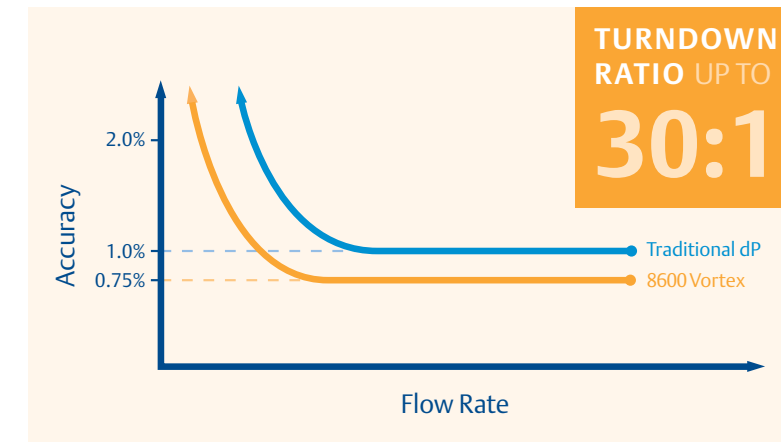


Greater Reliability

- ✓ No impulse lines to plug or freeze
- ✓ All-cast construction prevents leaking
- ✓ Simplified troubleshooting with Emerson Meter Verification

Excellent Rangeability

Vortex linear technology provides accurate measurement over a broader range of flow rates.



By installing the **Rosemount 8600 Utility™ Vortex Flowmeter**, we have **improved** our steam availability by **30%**.

**Utility Engineer, major global steel manufacturer*



Specifications

Meter Body Style	Flanged
Line Sizes	1" – 8" (25 – 200mm)
Wetted Materials	Stainless Steel
Turndown	30:1
Gasket	Graphite with Stainless Steel Insert
Flange Ratings	ASME B16.5 - 150/300 Class / EN 1092-1 PN 16/40
Process Temperature Range	-50 to 250°C (-58 to 482°F)
Transmitter Output	HART / Pulse
MultiVariable	MultiVariable output with Integral Temperature Sensor
Advanced PlantWeb™ Diagnostics	DS1: Internal Flow Simulation
Vibration Immunity	Mass Balance and Adaptive Digital Signal Processing Incorporated
Remote Electronics	Rxx <= 75' (23m)
Accuracy	Liquid Volumetric Flow: +/- 0.75% of rate Gas & Steam Volumetric Flow: +/- 1.0% of rate Saturated Steam Mass Flow: +/- 2.0% of rate
Repeatability	± 0.2% of actual flow rate

Rosemount 8600 Utility™ Vortex Flowmeter



The Emerson logo is a trade mark and service mark of Emerson Electric Co.
Rosemount and the Rosemount logotype are registered trademarks of Rosemount Inc.
All other marks are the property of their respective owners.

Emerson Process Management Rosemount Inc.

8200 Market Boulevard
Chanhassen, MN 55317 USA
www.rosemount.com
T (USA) +1 800 522 6277
T (International) +1 (303) 527 5200
F +1 (303) 530 8459

Emerson FZE

P.O. Box 17033
Jebel Ali Free Zone
Dubai UAE
T +971 4 811 8100
F +971 4 886 5465
FlowCustomerCare.MEA@Emerson.com

Emerson Process Management Flow B.V.

Neonstraat 1
6718 WX Ede
The Netherlands
T +31 (0) 318 495555
F +31 (0) 318 495556

Emerson Process Management Latin America

Multipark Office Center
Turrubares Building, 3rd & 4th floor
Guachipelin de Escazu, Costa Rica
T+(506) 2505-6962
international.mmcam@emersonprocess.com

Emerson Process Management Asia Pacific

Private Limited
1 Pandan Crescent
Singapore 128461
T (65) 6777 8211
F (65) 6777 0947
Enquiries@AP.EmersonProcess.com

ROSEMOUNT®

For more information:
www.rosemount.com


EMERSON™
Process Management