TESLA UGI · UNIVERSAL GAS INDEX

Tesla UGI Index

AMR Drive-By

Makes just about any existing gas meter an AMR drive-by meter with no programming. Directly replaces new and existing gas meter indexes and installs without interrupting service.



900 MHz Two-Way | 120-Day Hourly Data Log | Leak and Back Flow Alarms

DRIVE-BY AMR

Read it without touching the meter

An integrated 900 MHz transceiver, contained entirely inside the hermetically sealed enclosure, provides 2-way wireless connectivity with RG3 AMR data collectors. No physical access to the meter is needed after installation.

SOLID STATE

No more clock reads

The absolute solid-state encoder has no mechanical number wheels. Readings show on an easy-to-read 10-digit LCD.

DATA AND ALARMS

Hourly data, on every route

Leak, back flow and no flow alarm notifications, plus 120 days of hourly reads in a data log retrieved over RF with a 900 transceiver and Tesla Drive AMR software.

UNIVERSAL FIT

Diaphragm and rotary meters

Fits Sensus, American, Roots, Honeywell RABO and Romet meters up to 175 psi MAOP. Only the magnet housing and adapter plate change between models. See the full list on page 2.

SPECIFICATIONS

Hourly Data Log	120 days, retrievable via RF
RF Alarms	Leak, back flow, no flow
Signal Output	1-watt two-way RF
Frequency	902–928 MHz
Calculated Battery Life	20 years
Encoder Type	Absolute, solid state
Encoder Display	10-digit LCD
Unit of Measure	Cubic feet
Resolution	1 cubic foot
Housing Material	Polycarbonate
Weight	2 lbs
Humidity	0 to 100% condensing
Temperature	-40°F to 185°F (-40°C to 85°C)

UNIVERSAL FIT

Meter Compatibility

MAOP and index size by meter model. Don't see your meter? Contact RG3.

Sensus — DIAPHRAGM

Model	MAOP (psi)	Index (cu ft)
R-275	5	2
R-415	10	2
R-750	20	5 or 10
R-1000	25	10
R-1600	100	5 or 10
R-3000	25	10
R-5000	25	10
R-10000	25	10 or 100

American — DIAPHRAGM

Model	MAOP (psi)	Index (cu ft)
AC-250	5	1 or 2
AL-425	10	2
AC-630	10	2
AL-800	20	5 or 10
AL-1000	25	5 or 10
AL-1400	100	5 or 10
AL-2300	100	10
AL-5000	100	10

Roots — ROTARY

Model	MAOP (psi)	Index (cu ft)
8C	175	10
15C	175	10
2M	175	10
3M	175	10
5M	175	10
7M	175	10
11M	175	10
16M	175	10 or 100
23M	175	10 or 100

Honeywell RABO — ROTARY

Model	MAOP (psi)	Index (cu ft)
3.5M	175	10
5.5M	175	10
9M	175	10
14M	175	10
23M	175	10 or 100

Romet — ROTARY

Model	MAOP (psi)	Index (cu ft)
RM1000	175	10
RM1500	175	10
RM2000	175	10
RM3000	175	10
RM5000	175	10
RM7000	175	10
RM11000	175	10
RM16000	175	10 or 100
RM23000	175	10 or 100