BLACKMAX®

BVG215A

A1 / A2L / A2 / A3
COMPATIBLE

WIRELESS VACUUM GAUGE

The **BlackMax® BVG215 Wireless Vacuum Gauge** brings high-resolution evacuation measurement and verification to the jobsite. The gauge can be used in 3 different ways, streaming live data directly to a Wireless Digital Manifold (200 series or later), connected to a wireless mobile device or read as a stand-alone instrument. Calibrated to NIST standards, the **BVG215** delivers reliable accuracy across a wide operating range. It also features an innovative **3-in-1 Coupler** that allows the technician to move seamlessly between vacuum testing and refrigerant charging without contaminating the sensor or breaking vacuum (all in one coupler). The result is a smoother evacuation process, clearer verification, and fewer workflow interruptions from start to finish.

- **Enhanced Sensor Stabilization:** See precise measurements earlier in your vacuum pull-down process with 1-micron resolution between 0-3,000 microns.
- **Increased Visibility:** Large LCD screen + expanded numerical display range (0-100K microns) supports ease-of-use when measuring vacuum pressure.
- **Accurate & reliable:** Due to strict NIST calibration standards.
- **Stainless Steel Components:** Compatible with all refrigerants gases (even ammonia).
- **Upgraded 3-in-1 Coupler:** Three critical features in one coupler built for pro's. Less parts to carry, less seals to maintain, more confidence in your work.
- **Field Cleanable Sensor:** Easily clean out oil/contaminants to maintain accuracy & reliability.
- **Wireless Enabled:** Connect to a mobile app or a digital manifold*.

Includes: BVG215 Wireless Vacuum Gauge, 3-in-1 Coupler, Hook Hanger, 9V Battery, Storage Case & Operator's Manual.

cps LinkPro

mQ HVAC

**Compatible with BlackMAX Wireless Digital Manifolds (200 series or later).*

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For more information call: In the U.S.A. (800) 277-3808 or (305) 687-4121
In Canada (905)615-8620 **In Europe** 323 281 3040 **In Australia** 61 8 8340 7055

WIRELESS VACUUM GAUGE
BVG215A

SPECIFICATIONS

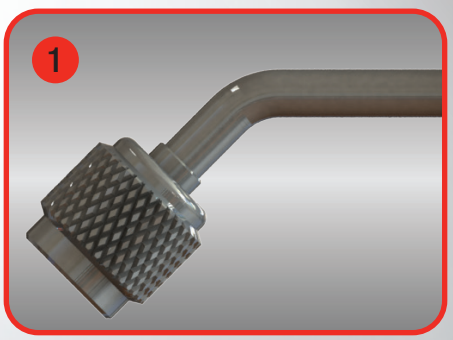
Sensor Type	Self-heated thermistor bridge with integral temperature compensation from 32°F to 122°F (0°C to 50°C)
Accuracy	10% of reading +/- 5 microns (0-2,000 microns)
Operating Range	Atmosphere – 0 microns
Pressure Rating	450 PSIG MWP, 3000 PSIG Burst
Operation Temperature Range	Compensated (accuracy as stated): 32°F to 122°F (0°C to 50°C) non-compensated (add +/- 0.5% error for every °C outside compensated range): -22°F to 158°F (-30°C to 70°C)
Operating and Storage Humidity	0-95%, Non-condensing
Storage Temperature	-40 to 185°F (-40°C to 85°C)
Refrigerant Compatibility	All (including Ammonia) A1, A2L, A2 & A3 Compatible
Mechanical Connection (Stainless Steel)	¼" SAE female with core depressor
3-in-1 Coupler (Stainless Steel)	1/4˝ SAE male 1/4" SAE male with valve core 1/4" SAE female w/ core depressor
Wireless Range	Up to 325 ft (100m).
Battery	9V Alkaline (up to 20 hours of runtime)
Auto-Power Off	10 minutes of inactivity (length can be adjusted/disabled)
Selectable Units	Microns, Millibar, In Hg, Torr
Limited Warranty	1 year

PACKAGING SPECIFICATIONS

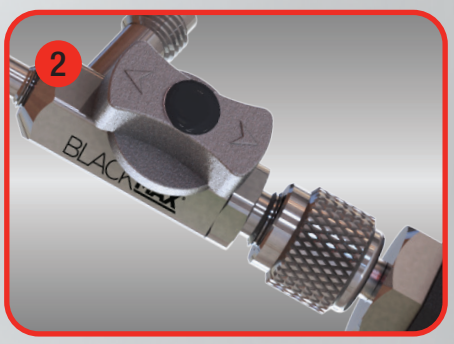
UPC	Pkg Size (W x H x L), Inches (mm)	Product + Pkg Weight, Lb (Kg)	Product Qty Per Pkg
750377123917	4.92" W x 7.08" H x 2.44" L (125 mm x 7.08 mm x 2.44 mm)	0.56 Lb (0.26 Kg)	1

Complete the BlackMAX digital product line with the **BMD200A** Smart 4-Valve Wireless Digital Manifold and the **BTM200A** Wireless Temperature Clamp (sold separately).

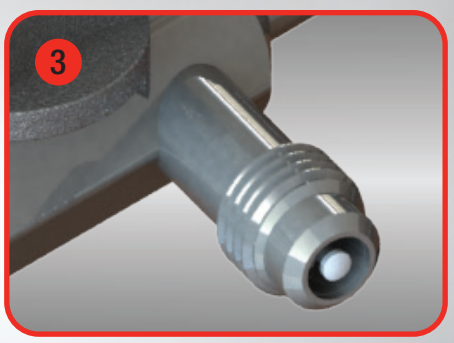
3-in-1 Coupler



ANGLED EXTENSION: For easier access to service ports.



BALL VALVE: To isolate/protect the sensor from contamination when charging new refrigerant.



ACCESS VALVE TEE: For charging new refrigerant after evacuation without breaking vacuum.