



Badger Fire Protection  
www.badgerfire.com

## TECHNICAL BULLETIN #124-0813

**Date: August 2013**

**Subject: Badger Brigade CO2 Expellant Cartridges**

This bulletin identifies the expellant cartridges that have been tested, listed and approved for use on Badger Brigade fire extinguisher models.

The Brigade extinguisher line is not only unique with regards to its advanced level of performance, but also the many service related options these models can accommodate in the field. The standard Brigade fire extinguisher line features carbon dioxide expellant cartridges that have been tested, listed and approved to utilize three different versions of cartridges on each of its three model sizes. The following photos show the three CO2 carbon dioxide expellant cartridges that have been approved and supplied from Badger for use within the Brigade line over the years.



Applied Cartridges  
P/N-440347 (10#)  
P/N-440348 (20#)  
P/N-440349 (30#)



Ansul Cartridges  
P/N-440347 (10#)  
P/N-440348 (20#)  
P/N-440349 (30#)



Badger Cartridges  
P/N-21009612 (10#)  
P/N-21009613 (20#)  
P/N-21009614 (30#)

The new blue Badger carbon dioxide cartridges additionally feature chrome plated bushings stamped with the proper charged weight. This area is free of paint and easy to locate and read. These cartridges also feature field replaceable instruction labels, to further simplify field service and recharge needs.

The 2013 Badger 10# CO2 cartridge design incorporates the same 2 inch diameter as the 20# and 30# model sizes, so cartridge guard P/N-21009967 having larger retention clips must be used with this cartridge.



Only specified cartridges having the proper factory blue or factory red authorized identification seals should be used on Brigade models, to avoid discharge and performance related problems.

Should you have any questions with regards to the proper service, recharge or hydrostatic testing of your Badger Brigade fire extinguisher models, refer to the latest edition of Badger service manual P/N-22906 or contact your nearest authorized Badger representative.