



Badger Fire Protection  
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# TECHNICAL BULLETIN #125-0813

**Date: August 2013**

**Subject: 5# Carbon Dioxide Insulated Discharge Horn**

The discharge assemblies on existing industry fixed 5# CO<sub>2</sub> carbon dioxide fire extinguisher nozzle designs have sometimes presented various potential operator misuse concerns associated with the placement of unprotected hands during operation.

These concerns prompted Badger and Kidde to ultimately develop a new insulated discharge horn meeting all of the CAN/ULC-S503 and ANSI/UL-154 performance standard requirements for use on its 5# CO<sub>2</sub> extinguisher models. This new insulated horn and discharge tube greatly reduce potential for any frostbite exposure, should operators inadvertently place their hand upon the horn during operation and discharge.

The new insulated discharge horn has been incorporated within the Badger **B5V-2**, Badger **B5V-2 MR** and Kidde Pro 5 **CDM-5** carbon dioxide models.

The following photos show the old and new styles of 5# discharge horns and tubes. It is important to note that the new discharge tube requires utilization of the special **Badger Recharge Adapter P/N-21009781** to properly and safely accommodate field recharge.



Should you have any questions with regards to the proper service, recharge or hydrostatic testing of your Badger and Kidde carbon dioxide fire extinguisher models, please refer to the latest edition of service manual P/N-24644 or contact your nearest authorized Badger representative.