



**The HILL and GRIFFITH Company**  
Quality Casting Solutions® Since 1896

## About Us

Since 1986, Hill and Griffith has been recognized as a quality-driven leader. Our focus is on quality product, process and service innovations. Partnering with our customers keeps us on the front line of awareness for developing solutions to complex issues facing industries today. Technological advancements, mineral and chemical resources and environmental concerns are constantly being researched and considered in the process of assisting customers in their product development and production. Teaming up with our customers and suppliers provides a unique blend of knowledge and experiences that are shared through the services provided by The Hill and Griffith Company.

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[www.hillandgriffith.com](http://www.hillandgriffith.com) for more  
information and services.

To place an order, you can email  
your orders to:  
[orders@hillandgriffith.com](mailto:orders@hillandgriffith.com)  
or call Customer Service @  
800-543-0425

# Murphy Pistol Sprayers



# MURPHY PISTOL SPRAYERS

The Murphy Pistol Sprayer was designed in 1912 by a foundry man, James A. Murphy, who needed an efficient method to spray blackening on cores and molds that would reach otherwise inaccessible pores and deep pockets while working at an angle. It takes the place of the swab, brush, and spray can. It is limited only by the size of the material container. These sprayers are an ideal tool to spray mold and core washes.



The sprayers are equally adept at spraying a variety of materials from liquids to refractory compounds and powders. Without the suctioning hose, the sprayer becomes the perfect tool to blow loose sand from molds. The suction hose without the sinker is ideal for removing loose particle from deep draws that cannot be blown clean.

## ***Standard Sprayers***

### **Item Numbers:**

1/8" Murphy Pistol Sprayer	799980-0000
1/4" Murphy Pistol Sprayer	799981-0000
3/8" Murphy Pistol Sprayer	799982-0000
1/2" Murphy Pistol Sprayer	799983-0000
Murphy "Hamilton" Sprayer	799984-0000

## ***Repair Kits & Parts:***

### **Item Numbers:**

Murphy Repair Kit	799986-0000
Murphy Hose & Sinker	799987-0000
Murphy Valve & Repair Kit	799992-0000
Murphy Nozzle (all sizes)	799989-0000

All sprayers use the same valve, trigger and roll pin. All sprayers also use the same 5' hose and sinker, except the 3/8" material suction on the 1/2" specials.



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## **Customer Comments:**

**Customers say the sprayers are:**

- Simple to operate
- Easy to maintain
- Unlikely to clog and stop working
- Long-lasting
- Convenient for spraying molds and cavities off the same airline
- Able to put out a nice pattern of coating on molds



*Left: Murphy Pistol Sprayer*



*Above: Murphy "Hamilton" Sprayer*