

# RICHARDS ASTRO 20 (3/4") AUTOMATIC NOZZLES

## Astro 20

Richards Astro 20 Series nozzles are designed with today's consumer in mind. Small, trim, lightweight, easy and convenient to use, the Richards Astro 20 is a rugged performer that offers long life and reliable service.



## Features:

- ◆ **One-piece spout** - innovative design eliminates possible leak points, is lighter weight, and interchangeable with Astro 20 Series spouts. Replacement kits available from Richards.
- ◆ **Low-profile aluminum body** - lightweight, easier to handle, provides an attractive, image-enhancing appearance.
- ◆ **Full hand insulator** - protects both nozzle and vehicle, and insulates users' hands.
- ◆ **Hold-open rack is available for full service applications** - the one-hand control means easy setting to flow rate for customer convenience.
- ◆ **Tuffgard™ lever and lever guard** - for additional durability to protect against rough handling.
- ◆ **Blocker on lever guard** - to help prevent the nozzle from being jammed into open position with a foreign object.
- ◆ **Listed by Underwriters Laboratories, Inc.** - for gasoline, 15% ethanol/methanol gasoline blends. 
- ◆ **Low reliable shut-off**- specially designed to ensure proper shut-off as low as 3 gallons per minute.
- ◆ **Two-stage lever assembly** - provides a positive shut-off, even if still being held in wide-open position by user.

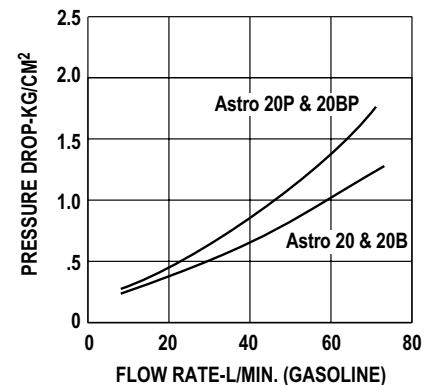
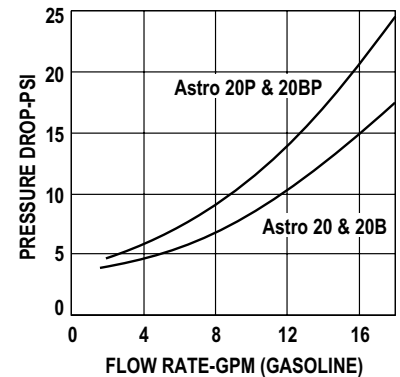
- ◆ **Optional spout with No-Flo** - designed to shut-off automatically when the spout is tipped up, limiting spillage.
- ◆ **G threads (formerly BSPP)** - available by ordering the Richards Astro 20 (3).

## Materials

Body: aluminum  
 Lever & Lever Guard: Tuffgard™  
 Packing: Graphite with Teflon®  
 Disc: Viton®  
 Spout: aluminum  
 Inlet Size: 3/4" NPT  
 Weight: 2.73 lbs. each, 43.1 lbs./case of 15  
 1.25 kg. each, 19.9 kg./case of 15

## Available Colors

Azure Blue	Dark Blue	Red
Black	Gold	Silver
Blue	Green	White
Chevron Red	Light Blue	Yellow
Chevron Blue	Orange	



## Warning

Do not use Richards Astro 20 nozzles with a hold-open device at installations (such as prepay) where the normal flow of product may be stopped or started by means other than with the hose nozzle valve. Use the Richards Astro 20 or 20B without a hold-open device. Failure to comply is a violation of NFPA Code 30-A, and may create a hazardous condition. Use of foreign objects to hold open automatic nozzles could result in failure to shut-off and personal injury.

**IMPORTANT:** Richards products should be used in compliance with applicable federal, state and local laws and regulations. Product selection should be based on physical specifications and limitations and compatibility with the environment and materials to be handled. Richards **MAKES NO WARRANTY OF FITNESS FOR A PARTICULAR USE.** All illustrations and specifications in this literature are based on the latest product information available at the time of publication. Richards reserves the right to make changes at any time in prices, materials, specifications and models and to discontinue models without notice or obligation.