

# MV-14 Series

Manual PFA Stop Cock Valve

aerospace  
climate control  
electromechanical  
filtration  
fluid & gas handling  
hydraulics  
pneumatics  
process control  
sealing & shielding

## Product Overview:

The MV-14 Series is designed for high purity semiconductor applications. The design has a molded high purity PFA body, and a machined PTFE stem. The press-fit stem assures a leak tight seal between it and the body during operation. The valve has a quick 1/4 turn operation and a full 1/8" orifice.



## Contact Information:

Parker Hannifin Corporation  
Veriflo Division  
**Partek Operation**  
7075 East Southpoint Road  
Tucson, Arizona 85756

phone 520 574 2600  
fax 520 574 2700

[www.parker.com/partek](http://www.parker.com/partek)

## Product Features:

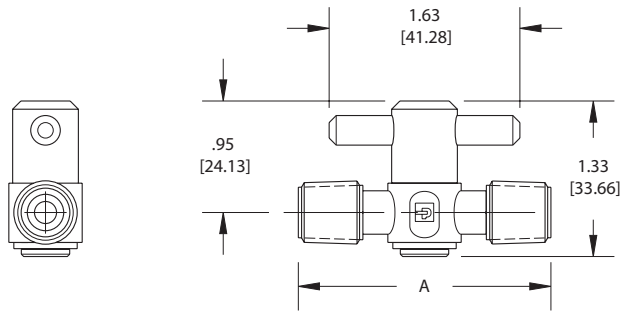
- Precision machined stem and molded high purity PFA body provides system purity.
- All components made of chemical resistant materials suitable for use in corrosive environments.
- Numerous end configurations allow direct installation, minimize connections and reduce costs.



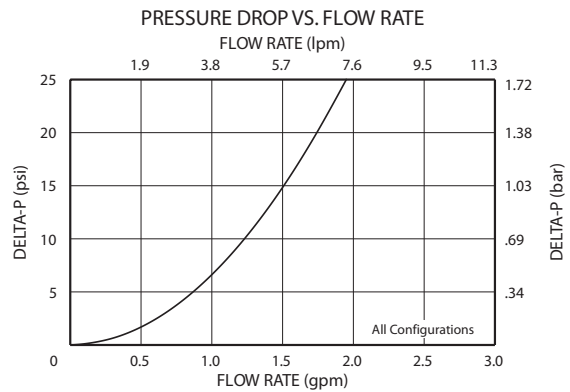
ENGINEERING YOUR SUCCESS.

# MV-14 Series

## Dimensional Drawing



## Flow Curve



## Ordering Information

Model Number	Operation	End Size	End Type	A	
				inch	mm
MV-14-003	1/4 TURN	1/4" PARGRIP	1/4" PARGRIP	3.31	84.07
MV-14-004		1/4" PARGRIP	1/8" MNPT	2.73	69.34
MV-14-005		1/4" PARGRIP	1/4" MNPT	2.73	69.34
MV-14-006		1/4" MNPT	1/4" MNPT	2.15	54.61
MV-14-007		1/4" PARFLARE	1/4" PARFLARE	3.35	85.09
MV-14-015		1/4" PARFLARE	1/4" MNPT	2.75	69.85
MV-14-016		1/4" PARFLARE	1/4" REDI-FLARE	3.38	85.85
MV-14-018		1/8" PARGRIP	1/8" PARGRIP	2.55	64.77

Parflare models are supplied with PVDF nuts. For PFA nuts add -T to model number.

## Specifications

Materials of Construction	
Wetted Options	PFA, PTFE
Non-wetted Options	PFA, PVDF
Pressure Ranges	
Ranges	0 - 60 PSIG (4.1 bar)

Temperature Ranges	
Ambient	0° - 150° F (-17° - 66° C)
Fluid	0° - 266° F (-17° - 130° C)

Pressure ranges for operation at ambient temperatures. For additional information on materials of construction, functional performance and operating conditions, please contact factory.

### OFFER OF SALE:

The items described in this document are hereby offered for sale by Parker-Hannifin Corporation, its subsidiaries or its authorized distributors. This offer and its acceptance are governed by the provisions stated in the detailed "Offer of Sale" elsewhere in this document or available at [www.parker.com/veriflo](http://www.parker.com/veriflo)



FAILURE OR IMPROPER SELECTION OR IMPROPER USE OF THE PRODUCTS DESCRIBED HEREIN OR RELATED ITEMS CAN CAUSE DEATH, PERSONAL INJURY AND PROPERTY DAMAGE. THIS DOCUMENT IS FOR REFERENCE ONLY. PLEASE CONSULT FACTORY FOR LATEST PRODUCT DRAWINGS AND SPECIFICATIONS

This document and other information from Parker-Hannifin Corporation, its subsidiaries and authorized distributors provide product or system options for further investigation by users having technical expertise.

The user, through its own analysis and testing, is solely responsible for making the final selection of the system and components and assuring that all performance, endurance, maintenance, safety and warning requirements of the application are met. The user must analyze all aspects of the application, follow applicable industry standards, and follow the information concerning the product in the current product catalog and in any other materials provided from Parker or its subsidiaries or authorized distributors.

To the extent that Parker or its subsidiaries or authorized distributors provide component or system options based upon data or specifications provided by the user, the user is responsible for determining that such data and specifications are suitable and sufficient for all applications and reasonably foreseeable uses of the components or systems.