



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



# Colorflow® Control Valves

For Industrial and Mobile Applications



ENGINEERING YOUR SUCCESS.

# Parker Colorflow® Control Valves

Customers around the world recognize the Parker brand as the benchmark for high performance and best in industry quality.



Parker **Check Valves** have fully guided poppets. Our superior design eliminates wobble and erratic travel that can commonly occur with less durable ball-check type construction. The soft seal poppet on the **Check Valves** are standard for sizes up to 1/2" NPT, #10 SAE.



Pressure Compensated Flow Valves

For applications requiring flow consistency with varying pressures, Parker offers **Pressure Compensated Flow Control Valves** that are available in adjustable or preset flow configurations. The flow precision is within +/- 5%. There is also the option of ordering with a reverse flow check if needed.



Check Valve

The flow setting on the **Flow Control, Needle, and Pressure Compensated Control Valves** can be secured with the standard set screw or with the optional thumbscrew that does not require additional tools. A further option is available that allows the flow setting to be permanently secured.



Needle Valve

**Metering Valves** can be easily panel mounted with available mounting kits.



Metering Valve



Flow Control Valve

Parker's exclusive color ring design on the Colorflow products provides a color-coded system of highly visible checkpoints for setting valve openings accurately and quickly.



# Offering Optimal Solutions

Engineered to world class standards, Parker Colorflow Valves are the finest, most accurate valves you can install on your machines.

The Parker Colorflow Valve line offers a broad range of materials, port types, and size options. Our products can be used in most markets and on numerous applications due to the product range offered. Parker's breadth of products and engineering expertise enable us not only to supply products, but also to provide solutions.



Series	C	N	F	MV	PC*M	PC*K
Type	Check	Needle	Flow	Metering	Adjust Press Comp Flow	Press Comp Flow
Max Flow Range (LPM) (GPM)	11 - 569 3 - 150	11 - 265 3 - 70	11 - 569 3 - 150	4 - 110 .5 - 40	11 - 189 3 - 50	11 - 95 3 - 25
Body Material						
Brass	X	X	X	X	-	-
Steel	X	X	X	X	X	X
Stainless Steel	X	X	X	-	X	-
Port Type/Sizes						
NPT	1/8" - 2"	1/8" - 1 1/4"	1/8" - 2"	1/8" - 1"	1/4" - 1 1/4"	1/4" - 3/4"
SAE	-4 thru -32	-4 thru -20	-4 thru -32	-4 thru -16	-6 thru -16	-6 thru -12
BSPP	1/8" - 2"	1/4" - 1"	1/8" - 2"	1/8" - 1"	-	-
BSPT	1/8" - 3/4"	-	1/8" - 3/4"	1/4" - 1/2"	-	-
Max Operating Press* (Bar) (PSI)	345 5000	345 5000	345 5000	345 5000	210 3000	210 3000

\*Maximum operating pressures listed are for steel and stainless steel in most sizes. Refer to catalog for maximum operating pressure for a specific size and/or material.



# Parker Hydraulics International Sales Offices

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### Pacific Region

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### Eastern Region

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## Asia Pacific

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