

CHEMIQUIP STANDARD EXCESS FLOW CHECK VALVES FOR GASES

SHUT OFF RATES, SCFM OF AIR AT 70° AND DIFFERENT OPERATING PRESSURES

CATALOG NUMBER	NUMBER	100 psig	250 psig	500 psig	1000 psig	2000 psig	4000 psig
S.S.	BRASS						
EFCV-25S-1	EFCV-25B-1	7.5	12	16	23	32	45
EFCV-50S-1	EFCV-50B-1						
EFCV-75S-1	EFCV-75B-1						
EFCV-25S-2	EFCV-25B-2	15	23	32	45	64	90
EFCV-50S-2	EFCV-50B-2						
EFCV-75S-2	EFCV-75B-2						
EFCV-25S-3	EFCV-25B-3	30	45	64	90	128	180
EFCV-50S-3	EFCV-50B-3						
EFCV-75S-3	EFCV-75B-3						
EFCV-25S-4	EFCV-25B-4	75	115	164	225	320	450
EFCV-50S-4	EFCV-50B-4						
EFCV-75S-4	EFCV-75B-4						
EFCV-25S-5	EFCV-25B-5	115	175	240	340	480	680
EFCV-50S-5	EFCV-50B-5						
EFCV-75S-5	EFCV-75B-5						
EFCV-25S-6	EFCV-25B-6	150	230	320	450	640	900
EFCV-50S-6	EFCV-50B-6						
EFCV-75S-6	EFCV-75B-6						

To find out the shut-off flow for gases, other than air, multiply the air shut-off flow by the square root of ratio of air density and gas density

$$\bullet \left(\frac{\text{density of air}}{\text{density of gas}} \right)^{1/2}$$

Standard valves feature Stainless Steel or Brass construction with 1/4" NPT female connections for EFCV-25 Series and 1/2" NPT female for EFCV-50 Series.

Standard Valve Rating — Brass 6,000 psi, Stainless Steel 10,000 psi;

Options Available: Calibrated leak for automatic reset (open)

"Custom Designed" Excess Flow Check Valves are also available for the following:

- a) Different Shut-off flow rate.
- b) Higher pressure rating
- c) Different Material of Construction
- d) Different size or type of end connections.