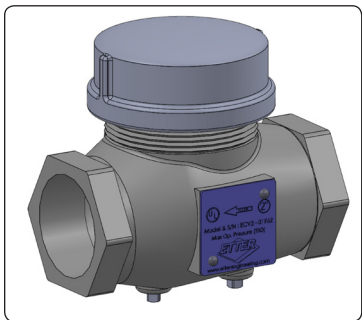




ETTER Engineering Check Valve



The ETTER Check Valve prevents reverse flow of gas and air in the pipeline. Available sizes are 2" (screwed FNPT) and 3", 4", and 6" (125# FF flanged) and can be used with natural gas and other non-corrosive gases. These valves have a maximum operating temperature of 200°F.

Each size has a removable top which gives access into the cavity of the valve for easy maintenance without removal of the valve from the pipeline. Each size also has inlet and outlet ports, which can be used as pressure taps for field diagnostic situations. ETTER Check Valves are made out of ductile iron, which has better resistance to high temperatures and is stronger than cast iron.

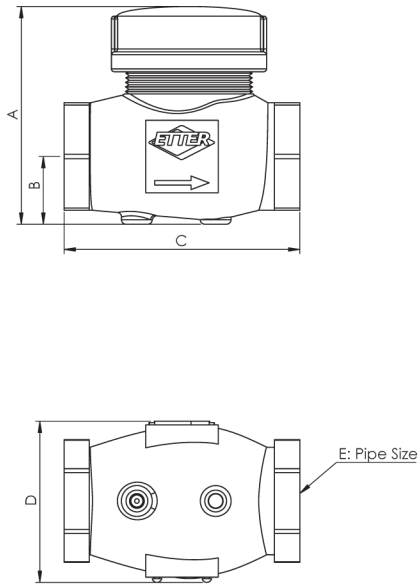
The ETTER Edge:

- UL Listed
- Higher Pressure Rating
- Higher Flow Rating
- Inlet & Outlet Pressure Taps
- Ductile Iron in lieu of Cast Iron

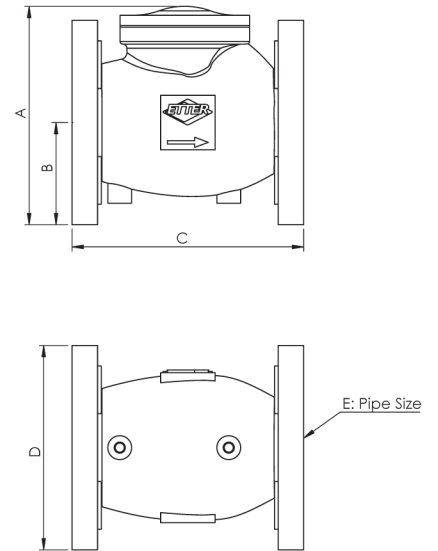
ECV Features:

- **Robust Design:** Higher pressure ratings due to use of Ductile Iron, resulting in more durable construction and longer life. For Natural Gas applications, DI products are preferred by many fire departments as compared to CI products. DI products have almost twice the tensile strength of CI, and where CI has no yield strength, DI has a yield strength of 40K. Overall, Ductile Iron for this application is far superior to Cast Iron.
- **Carefree Design:** Top access to valve internals provides inline servicability without removing the valve from the pipeline. All internal moving parts are fabricated of aluminum for non-sparking application to gas services. All parts are captured and cannot become loose and entrained in the gas stream while the valve is full assembled.
- **Optimized Performance:** Actual machined valve seat surface and machined aluminum flapper results in ideal performance for both back-flow prevention and higher flows with lower pressure drops (Designed for optimized Cv flow factor using state of the art SolidWorks 3-D CAD)

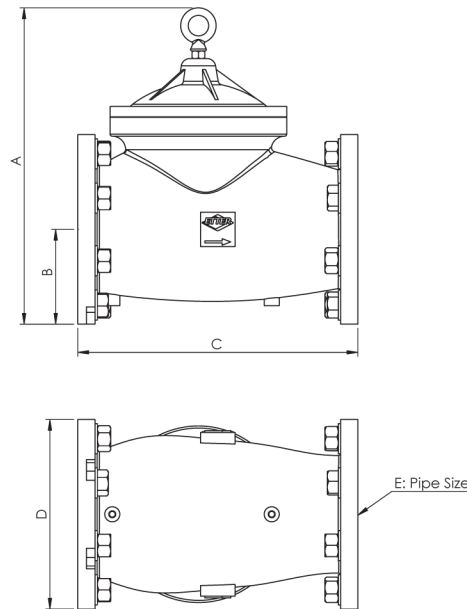
ECV-200



ECV-300/ECV-400



ECV-600



Valve Capacities:

Size	Flow [SCFH]*	Cv	Max Pressure [PSIG]
2"	3,400	85	100 PSI
3"	9,200	227	100 PSI
4"	15,800	391	100 PSI
6"	TBD	TBD	100 PSI

* Flow calculated with 0.6 specific gravity gas @ 0.5" w.c. ΔP

Valve Dimensions:

Part Numbers	Dimensions [inches] (See figs below)					Approx. Weight [lbs]
	A	B	C	D	E: Pipe Size	
ECV-200	6.00	1.87	6.50	4.45	2	12
ECV-300	8.00	3.75	8.50	7.50	3	34
ECV-400	9.76	4.50	10.50	9.00	4	51
ECV-600	18.36	5.50	16.25	11.00	6	TBD



Made Entirely in the USA

