



### Air Blow Check Valve



#### Application

Get control with the Bradford™ air blow check valves. It is designed to evacuate lines of product or CIP solutions.

#### Working Principle

The valve is designed to pressurize lines with air to clean out product or cleaning solutions. It is fail-safe because the simple air-to-open spring-to-close mechanism prevents backflow. Use it with Bradford™ Y-ball check valves. The valves are available with three different clamp configurations to allow quick assembly and disassembly when replacing filter media, cleaning or inspecting.

#### Features and Benefits

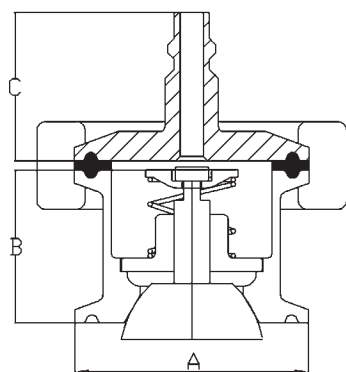
- 316L stainless steel offered with EPDM stem seat and gasket
- Sizes from 1½" - 4"
- Conforms to 3A accepted practice 604-05 for supplying of air under pressure in contact with milk products and product contact surfaces with optional filter disc.

When using air blow check valves with ball check valves, refer to the sizing chart below.

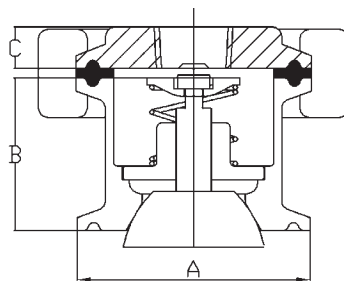
#### Sizing Chart

Ball Check Valve size	Air Blow Check Valve size
1½"	2"
2"	2½"
2½"	3"
3"	4"

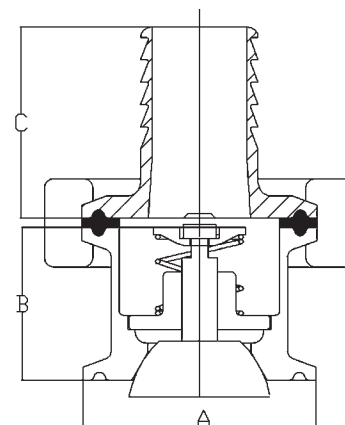
### Technical Data, Specifications and Dimensions



B45AB  
quick disconnect



B45BC  
½" FNPT



B45CC  
1" hose barb

Size	Dimensions (in)							
	A	B	Part Number	C (AB)	Part Number	C (BC)	Part Number	C (CC)
1 - 1½"	1.984	2.55	B45AB-R100150	1.3	B45BC-R100150	0.6	B45CC-R100150	1.7
2"	2.516	2.55	B45AB-R200	1.3	B45BC-R200	0.6	B45CC-R200	1.7
2½"	3.047	2.55	B45AB-R250	1.3	B45BC-R250	0.6	B45CC-R250	1.7
3"	3.579	2.55	B45AB-R300	1.3	B45BC-R300	0.6	B45CC-R300	1.7
4"	4.682	2.55	B45AB-R400	1.3	B45BC-R400	0.6	B45CC-R400	1.7

- See Valve and Actuation catalog for more technical information.
- **Note:** all dimensions are in inches. Dimensions are approximate. Engineering dimensions are available upon request. Specifications are subject to change without notice.