

BACKFLOW PREVENTERS

V-3 VACUUM BREAKER
VB-222 VACUUM BREAKER
V-101 ANTI-SIPHON VACUUM BREAKER
BF DUAL CHECK VALVE
BFP DUAL CHECK VALVE

GENERAL PLUMBING & HEATING

WASHING MACHINE SHUT-OFF VALVE
A-41 AND AB-40
A-89
BFAC
CQ-M
CR
AIR SEPARATOR
AIR PURGER
AIR VENT

MADE IN THE USA

WHAT IS BIM?

LIMITED WARRANTY

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PRESSURE REGULATING VALVES

Cash Acme has been manufacturing pressure regulating valves (PRVs) to help regulate downstream pressure for more than 100 years. Each water pressure regulator is tested for quality and efficiency before leaving our factory.

Most Cash Acme PRV's come preset at 45psi but can be adjusted within a specific range depending on the model. As the downstream water pressure approaches the set pressure, the valve will close off, not allowing water to pass through. As the downstream water pressure drops, typically due to water usage, the pressure regulator will open back up, letting water through to recharge the system as long as the demand is needed.

With more than 150 PRV product sizes and configurations, our inventory of water pressure regulators is more than capable of handling your commercial, residential and even agricultural product needs.



PRESSURE REGULATING VALVES

EB45

COMMERCIAL, RESIDENTIAL

The EB45 Pressure Regulator features a half cartridge design that offers the performance of a high end, cartridge based valve and the price of a traditional regulator. The valve construction is similar to a traditional regulator in that it retains a separate spring chamber and adjusting screw, but offers the simplicity and maintenance benefits of a cartridge based valve. The EB45 comes factory set at 45 psi but may be adjusted between 10-70 psi.

FEATURES AND BENEFITS:

- Rugged bronze body
- Compact pressure reducing mechanism
- Back-pass check mechanism integral with the cartridge*
- Modular Cartridge Design reduces the number of parts requiring service
- Serviceable in line
- Every valve is tested for performance prior to shipping

PERFORMANCE:

Maximum pressure: 400 psi (1/2", 3/4" and 1")
300 psi (1-1/4", 1-1/2" and 2")
Maximum temperature: 180°F (82.2°C)
Service: Water
Outlet pressure range: 10-70 psi

APPLICATIONS:

Commercial and domestic water applications.

AVAILABLE CONNECTIONS:

All EB45 models¹ include both FIP and union connection threading on both ends.
Threaded (NPT) 1/2", 3/4", 1", 1-1/4", 1-1/2" and 2"
Threaded (NPT) Single Union 1/2", 3/4", 1", 1-1/4", 1-1/2" and 2"
Sweat Copper Single Union 1/2", 3/4", 1", 1-1/4", 1-1/2" and 2"
Threaded (NPT) Double Union 1/2", 3/4", 1", 1-1/4", 1-1/2" and 2"
Sweat Copper Double Union 1/2", 3/4", 1", 1-1/4", 1-1/2" and 2"
CPVC Double Union 3/4" and 1"
PEX Barb Double Union 3/4" and 1"
Expansion Double Union 1/2", 3/4", 1", 1-1/4", 1-1/2" and 2"

3/4" and 1" models are also available with a pressure gauge

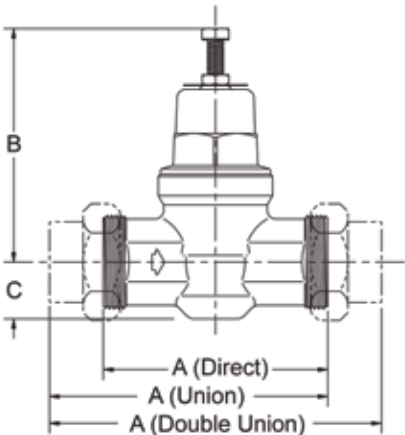
¹Except for Direct SharkBite models.

APPROVALS AND LISTINGS:

ASSE 1003, CSA B356, NSF/ANSI 372 (Lead Free), NSF/ANSI 61. Listed by IAPMO, CSA and ASSE.

DIMENSIONS (inches)						
Size	Connection Style	A			B	C
		Direct	Single Union	Double Union		
1/2	NPT	3-1/4	4	4-3/4	4-3/8	3/4
	Sweat	-	4	4-3/4		
3/4	NPT	3-7/16	4-3/16	4-15/16		
	Sweat	-	4-5/16	5-1/4		
	CPVC	-	-	5-3/8		
	Barb	-	-	5-11/16		
1	NPT	4-3/16	5-3/16	6-3/16	4-3/8	1
	Sweat	-	5-5/16	6-7/16		
	CPVC	-	-	6-1/2		
	Barb	-	-	7		
1-1/4	NPT	4-13/16	5-11/16	6-9/16	7-11/16	1-3/8
	Sweat	-	5-7/8	6-15/16		
1-1/2	NPT	4-13/16	5-15/16	7		1-5/8
	Sweat	-	6	7-3/16		
2	NPT	4-13/16	6	7-3/16		1-7/8
	Sweat	-	6-1/4	7-11/16		

*The back-pass check feature allows for a reverse flow of water through the regulator in the event that outlet pressure increases to exceed supply pressure. Thermal expansion, created by a water heater for instance, can cause water pressure to increase. Without the back-pass check, water cannot flow in reverse.



EB45 SHARKBITE

COMMERCIAL, RESIDENTIAL

The EB45 Pressure Regulator with SharkBite push-fit connections features a half cartridge design that offers the performance of a high end, cartridge based valve and the price of a traditional regulator. The valve construction is similar to a traditional regulator in that it retains a separate spring chamber and adjusting screw, but offers the simplicity and maintenance benefits of a cartridge based valve. The EB45 comes factory set at 45 psi but may be adjusted between 10-70 psi. The EB45 is available with several different SharkBite connections for ease of installation, and a trustworthy watertight seal. EB45 SharkBite options include Double Union SharkBite, Direct SharkBite, or Direct SharkBite with Slip Feature.

FEATURES AND BENEFITS:

- Instant push-fit connections. No soldering, glue or tools required to make connection.
- Rugged bronze body
- Compact pressure reducing mechanism
- Back-pass check mechanism integral with the cartridge*
- Modular Cartridge Design reduces the number of parts requiring service
- Serviceable in line
- Every valve is tested for performance prior to shipping

The EB45 Direct SharkBite with slip feature allows for a quick and easy installation on existing copper and CTS CPVC pipe.

PERFORMANCE:

Maximum pressure: 200 psi
Maximum temperature: 180°F (82.2°C)
Service: Potable Water
Outlet pressure range: 10-70 psi

APPLICATIONS:

Commercial and domestic water applications.

AVAILABLE CONNECTIONS:

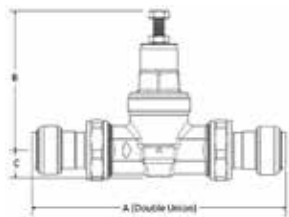
Union SharkBite Inlet and Outlet 1/2", 3/4" and 1"
Direct SharkBite Inlet and Outlet 1/2", 3/4", and 1"
Direct SharkBite Inlet and Outlet with Slip Feature 1/2" and 3/4"

APPROVALS AND LISTINGS:

ASSE 1003, CSA B356, NSF/ANSI 372 (Lead Free), NSF/ANSI 61. Listed by IAPMO, CSA and ASSE.

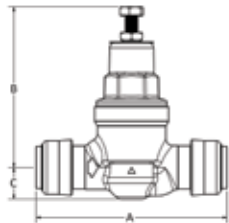
EB45 DOUBLE UNION SHARKBITE

DIMENSIONS (inches)				
Size	Connection Style	A (Double Union)	B	C
1/2	Double Union SharkBite	5-7/8	4-3/8	3/4
3/4		7		
1		8-3/4		



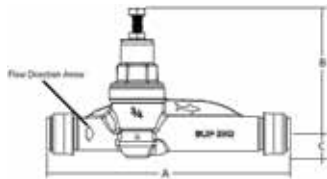
EB45 DIRECT SHARKBITE

DIMENSIONS (inches)			
Size	A	B	C
1/2	4-7/8	4-3/8	3/4
3/4	5-1/8		
1	8-3/4	4-3/8	15/16



EB45 DIRECT SHARKBITE WITH SLIP FEATURE

DIMENSIONS (inches)			
Valve Size	A	B	C
1/2	6-13/16	4-3/8	3/4
3/4	7-5/8	4-3/8	3/4



*The back-pass check feature allows for a reverse flow of water through the regulator in the event that outlet pressure increases to exceed supply pressure. Thermal expansion, created by a water heater for instance, can cause water pressure to increase. Without the back-pass check, water cannot flow in reverse.




PRESSURE REGULATING VALVES



PRESSURE REGULATING VALVES



PRODUCT DESCRIPTION	PART NUMBER
EB45 LEAD FREE SHARKBITE CONNECTIONS	
1/2" EB45-DSB Direct SharkBite	23807-0045*
1/2" EB45-DSB Direct SharkBite Metal Top	24472-0045*
1/2" EB45-SDSB Slip Feature Direct SharkBite	24383-0045*
1/2" EB45-SDSB Slip Feature Direct SharkBite Metal Top	24474-0045*
1/2" EB45-DUSB Double Union SharkBite	23893-0045*
1/2" EB45-DUSB Double Union SharkBite Metal Top	24476-0045*
3/4" EB45-DSB Direct SharkBite	23808-0045*
3/4" EB45-DSB Direct SharkBite Metal Top	24473-0045*
3/4" EB45-SDSB Slip Feature Direct SharkBite	24384-0045*
3/4" EB45-SDSB Slip Feature Direct SharkBite Metal Top	24475-0045*
3/4" EB45-DUSB Double Union SharkBite	23894-0045*
3/4" EB45-DUSB Double Union SharkBite Metal Top	24477-0045*
3/4" EB-45 Double Union SharkBite (60 psi Setting)	23896-0060
3/4" EB45-DUSB Double Union SharkBite with gauge	24449-0045
1" EB45-DSB Direct SharkBite	22675-0045
1" EB45-DUSB Double Union SharkBite	23358-0045
1" EB45-DUSB Double Union SharkBite (60 psi Setting)	23945-0060
EB45 LEAD FREE THREADED NPT	
1/2" EB45 Threaded NPT	23880-0045
1/2" EB45 Threaded NPT Metal Top	24460-0045
3/4" EB45 Threaded NPT	23881-0045
3/4" EB45 Threaded NPT Metal Top	24461-0045
1" EB45 Threaded NPT	23164-0045
1-1/4" EB45 Threaded NPT	23166-0045
1-1/2" EB45 Threaded NPT	23167-0045
2" EB45 Threaded NPT	23160-0045
EB45-U LEAD FREE SINGLE UNION THREADED	
1/2" EB45-U Single Union Threaded	23882-0045
1/2" EB45-U Single Union Threaded Metal Top	24462-0045
3/4" EB45-U Single Union Threaded	23883-0045
3/4" EB45-U Single Union Threaded Metal Top	24463-0045
3/4" EB45-U Union Inlet with gauge	24446-0045
1" EB45-U Single Union Threaded	23155-0045
1" EB45-U Union Inlet with gauge	24450-0045
1-1/4" EB45-U Single Union Threaded	23158-0045
1-1/2" EB45-U Single Union Threaded	23168-0045
2" EB45-U Single Union Threaded	23161-0045
EB45-C LEAD FREE SINGLE UNION SWEAT	
1/2" EB45-C Single Union Sweat	23886-0045
1/2" EB45-C Single Union Sweat Metal Top	24466-0045
3/4" EB45-C Single Union Sweat	23887-0045
3/4" EB45-C Single Union Sweat Metal Top	24467-0045
3/4" EB45-C Valve Assy with gauge	24447-0045

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PRESSURE REGULATING VALVES

PRODUCT DESCRIPTION	PART NUMBER
1" EB45-C Single Union Sweat	23165-0045
1" EB45-C Valve Assy with gauge	24451-0045
1-1/4" EB45-C Single Union Sweat	23908-0045
1-1/2" EB45-C Single Union Sweat	23909-0045
2" EB45-C Single Union Sweat	23910-0045
EB45-DU LEAD FREE DOUBLE UNION THREADED	
1/2" EB45-DU Double Union Threaded	23884-0045
1/2" EB45-DU Double Union Threaded Metal Top	24464-0045
3/4" EB45-DU Double Union Threaded	23885-0045
3/4" EB45-DU Double Union Threaded Metal Top	24465-0045
1" EB45-DU Double Union Threaded	23156-0045
1-1/4" EB45-DU Double Union Threaded	23905-0045
1-1/2" EB45-DU Double Union Threaded	23906-0045
2" EB45-DU Double Union Threaded	23907-0045
EB45-CC LEAD FREE DOUBLE UNION SWEAT	
1/2" EB45-CC Double Union Sweat	23888-0045
1/2" EB45-CC Double Union Sweat Metal Top	24468-0045
3/4" EB45-CC Double Union Sweat	23889-0045
3/4" EB45-CC Double Union Sweat Metal Top	24469-0045
1" EB45-CC Double Union Sweat	23157-0045
1-1/4" EB45-CC Double Union Sweat	23159-0045
1-1/2" EB45-CC Double Union Sweat	23898-0045
2" EB45-CC Double Union Sweat	23899-0045
EB45-DUPE LEAD FREE DOUBLE UNION PEX ENDS	
3/4" EB45-DUPE Double Union PEX Ends	23891-0045
3/4" EB45-DUPE Double Union PEX Ends Metal Top	24471-0045
1" EB45-DUPE Double Union PEX Ends	23942-0045
EB45-DUCPVC LEAD FREE DOUBLE UNION CPVC ENDS	
3/4" EB45-DUCPVC Double Union CPVC Ends	23890-0045
3/4" EB45-DUCPVC Double Union CPVC Ends Metal Top	24470-0045
1" EB45-DUCPVC Double Union CPVC Ends	23941-0045
EB45-DEX LEAD FREE DOUBLE UNION EXPANSION CONNECTIONS	
1/2" EB45-DEX Double Union Expansion Connections, Bronze Body/Polymer Top	25870-0045
3/4" EB45-DEX Double Union Expansion Connections, Bronze Body/Polymer Top	25871-0045
1" EB45-DEX Double Union Expansion Connections, Bronze Body/Iron Top	25782-0045
1-1/4" EB45-DEX Double Union Expansion Connections, Bronze Body/Iron Top	25873-0045
1-1/2" EB45-DEX Double Union Expansion Connections, Bronze Body/Iron Top	25874-0045
2" EB45-DEX Double Union Expansion Connections, Bronze Body/Iron Top	25875-0045
EB45 DOUBLE UNION TEMPORARY BYPASS KITS	
1" EB45 Double Union Threaded NPT Temporary Bypass Kit	22937
1" EB45 Double Union SWT Temporary Bypass Kit	22938
1-1/4" EB45 Double Union Threaded NPT Temporary Bypass Kit	22942
1-1/4" EB45 Double Union SWT Temporary Bypass Kit	22943

 BIM component on website





PRESSURE REGULATING VALVES

EB25

COMMERCIAL, RESIDENTIALThe EB25 brings state-of-the-art water control technology to pressure regulators. The biggest breakthrough is the simple numerical indicator that allows the exact desired pressure to be set even before the valve is installed, making pressure adjustment a quick, one-man job. The EB25 Stainless Steel also features a stainless steel, 100% lead free body.

With the most advanced design in the industry, the EB25 delivers rock steady flow even with extreme variations in supply pressure. Thanks to a patented single-cartridge design, the EB25 has fewer parts for increased reliability, and it can be serviced without having to remove the valve body. The innovative design also eliminates the water whistle or harmonic hum associated with most pressure regulating valves, thanks to innovative "micro-fingers" that dissipate noise as water flows across the seat.

The EB25 comes factory set at 45 psi but can be manually adjusted between 20-90 psi.

FEATURES AND BENEFITS:

- Convenient orange twist-cap eliminates need for wrench adjustment, numerical indicator shows the pressure without the need for a gauge
- Single piece cartridges can be removed with valve body remaining in place
- Integral back-pass check with the cartridge*
- Cutting edge design and production incorporates "micro-fingers" that dissipate noise due to water flow across the seat
- Available with a blanking cap for "rough-in" installations
- Optional closing cap for direct burial applications
- Serviceable in line
- Every valve is tested for performance prior to shipping

PERFORMANCE:

Maximum pressure: 300 psi
Maximum temperature: 180°F (82.2°C)
Service: Water
Outlet pressure range: 20-90 psi

APPLICATIONS:

Commercial and domestic water applications.

AVAILABLE CONNECTIONS:

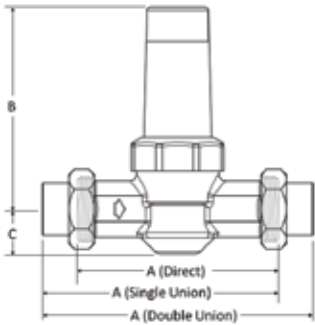
Threaded (NPT) Inlet and Outlet ¹	3/4" and 1"
Threaded (NPT) Union, Threaded (NPT)	1/2", 3/4", 1", 1-1/4", 1-1/2" and 2"
Sweat Copper Union, Threaded (NPT)	1/2", 3/4", 1", 1-1/4", 1-1/2" and 2"
Threaded (NPT) Union Inlet and Outlet ¹	3/4", 1", 1-1/4", 1-1/2" and 2"
Sweat Copper Union Inlet and Outlet ²	3/4", 1", 1-1/4", 1-1/2" and 2"
PEX Barb Union Inlet and Outlet ²	3/4" and 1"
Expansion	3/4", 1", 1-1/4", 1-1/2" and 2"

¹The 3/4" and 1" models are stainless steel.
²The 3/4" and 1" models use a stainless steel body and lead free brass tailpieces.

APPROVALS AND LISTINGS:

ASSE 1003, CSA B356, NSF/ANSI 372 (Lead Free), NSF/ANSI 61. Listed by IAPMO, CSA and ASSE.

DIMENSIONS (inches)						
Size	Connection Style	A			B	C
		Direct	Single Union	Double Union		
1/2	NPT	-	5-3/4	-	4-15/16	1-1/16
	Sweat	-	5-5/8	-		
3/4	NPT	-	5-1/2	6-11/16		
	Sweat	-	5-11/16	6-11/16		
	Barb	-	-	7-1/16		
1	NPT	-	5-3/4	7-1/16		
	Sweat	-	5-7/8	7-1/16		
	Barb	-	-	7-5/8		
1-1/4	NPT	-	5-11/16	6-9/16	7-1/2	1-3/8
	Sweat	-	5-7/8	6-15/16		
1-1/2	NPT	-	5-15/16	7		1-5/8
	Sweat	-	6	7-3/16		
2	NPT	-	6	7-3/16		1-7/8
	Sweat	-	6-1/4	7-11/16		



*The back-pass check feature allows for a reverse flow of water though the regulator in the event that outlet pressure increases to exceed supply pressure. Thermal expansion, created by a water heater for instance, can cause water pressure to increase. Without the back-pass check, water cannot flow in reverse.

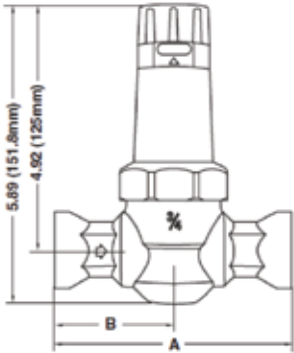


PRESSURE REGULATING VALVES



EB25 STAINLESS STEEL

DIMENSIONS (inches)			
Size	Connection Style	A	B
3/4	NPT (Both ends)	4-7/8	2-7/16
3/4	Double Union NPT	6-11/16	3-3/8
1	NPT (Both ends)	4-7/8	2-7/16
1	Double Union NPT	6-13/16	3-7/16



PRODUCT DESCRIPTION	PART NUMBER
EB25 LEAD FREE THREADED NPT	
3/4" EB25 Threaded NPT Stainless Steel Valve	22263-0045
1" EB25 Threaded NPT Stainless Steel Valve	22266-0045
EB25-U LEAD FREE SINGLE UNION THREADED	
1/2" EB25-U Single Union Threaded	23135-0045
3/4" EB25-U Single Union Threaded	23136-0045
1" EB25-U Single Union Threaded	23138-0045
1-1/4" EB25-U Single Union Threaded	23141-0045
1-1/2" EB25-U Single Union Threaded	23144-0045
2" EB25-U Single Union Threaded	23145-0045
EB25-C LEAD FREE SINGLE UNION SWEAT	
1/2" EB25-C Single Union Sweat	23952-0045
3/4" EB25-C Single Union Sweat	23953-0045
1" EB25-C Single Union Sweat	23954-0045
1-1/4" EB25-C Single Union Sweat	23964-0045
1-1/2" EB25-C Single Union Sweat	23965-0045
2" EB25-C Single Union Sweat	23966-0045
EB25-DU LEAD FREE DOUBLE UNION THREADED	
3/4" EB25-DU Double Union Threaded Stainless Steel Valve	22264-0045
1" EB25-DU Double Union Threaded Stainless Steel Valve	22267-0045
1-1/4" EB25-DU Double Union Threaded	23142-0045
1-1/2" EB25-DU Double Union Threaded	23967-0045
2" EB25-DU Double Union Threaded	23968-0045
EB25-CC LEAD FREE DOUBLE UNION SWEAT	
3/4" EB25-CC Double Union Sweat	23137-0045
1" EB25-CC Double Union Sweat	23139-0045
1-1/4" EB25-CC Double Union Sweat	23143-0045
1-1/2" EB25-CC Double Union Sweat	23969-0045



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PRESSURE REGULATING VALVES

EB25 CONT.



PRODUCT DESCRIPTION	PART NUMBER
2" EB25-CC Double Union Sweat	23970-0045
EB25-DUPE LEAD FREE DOUBLE UNION PEX ENDS	
3/4" EB25-DUPE Double Union PEX Ends	23957-0045
1" EB25-DUPE Double Union PEX Ends	23140-0045
EB25 LEAD FREE STAINLESS STEEL THREADED NPT	
3/4" EB25 Threaded NPT	22263-0045
1" EB25 Threaded NPT	22266-0045
EB25-DU LEAD FREE STAINLESS STEEL DOUBLE UNION THREADED	
3/4" EB25-DU Double Union Threaded	22264-0045
1" EB25-DU Double Union Threaded	22267-0045
EB25-DEX LEAD FREE DOUBLE UNION EXPANSION	
3/4" EB25-DEX Double Union Expansion Connections, Stainless Steel Body	25929-0045
1" EB25-DEX Double Union Expansion Connections, Stainless Steel Body	25930-0045
1-1/4" EB25-DEX Double Union Expansion Connections, Bronze Body	25931-0045
1-1/2" EB25-DEX Double Union Expansion Connections, Bronze Body	25932-0045
2" EB25-DEX Double Union Expansion Connections, Bronze Body	25933-0045
EB25 LEAD FREE CARTRIDGE KIT	
1/2"-1" EB25 Cartridge Kit	23148
1-1/4"-2" EB25 Cartridge Kit	23149
EB25 LEAD FREE INLET BLANKING CAP KIT	
1/2"-1" EB25 Inlet Blanking Cap Kit	22219
1-1/4"-2" EB25 Inlet Blanking Cap Kit	22248
EB25 LEAD FREE DIRECT BURIAL COVER KIT	
1/2"-1" EB25 Direct Burial Cover Kit	22224

 BIM component on website



PRESSURE REGULATING VALVES



EB25 SHARKBITE

COMMERCIAL, RESIDENTIAL

The EB25 Pressure Regulator with SharkBite push-fit connections brings state-of-the-art water control technology to pressure regulators. The biggest breakthrough is the simple numerical indicator that allows the exact desired pressure to be set even before the valve is installed, making pressure adjustment a quick, one-man job.

With the most advanced design in the industry, the EB25 delivers rock steady outflow even with extreme variations in supply pressure. Thanks to a patented single-cartridge design, the EB25 has fewer parts for increased reliability, and it can be serviced without having to remove the valve body. The innovative design also eliminates the water whistle or harmonic hum associated with most pressure regulating valves, thanks to innovative “micro-fingers” that dissipate noise as water flows across the seat.

The EB25 comes factory set at 45 psi but can be manually adjusted between 20-90 psi. Installed with Double Union SharkBite push-fit connections for quick, easy and watertight fit.

FEATURES AND BENEFITS:

- Instant push-fit connection for increased ease of use
- Convenient orange twist-cap eliminates need for wrench adjustment, numerical indicator shows the pressure without the need for a gauge
- Single piece cartridges can be removed with valve body remaining in place
- Integral back-pass check with the cartridge*
- Cutting edge design and production incorporates “micro-fingers” that dissipate noise due to water flow across the seat
- Available with a blanking cap for “rough-in” installations
- Optional closing cap for direct burial applications
- Serviceable in line
- Every valve is tested for performance prior to shipping

PERFORMANCE:

Maximum inlet pressure: 200 psi
Maximum temperature: 180°F (82.2°C)
Service: Water
Outlet pressure range: 20-90 psi

APPLICATIONS:

Domestic water supply service.

AVAILABLE CONNECTIONS:

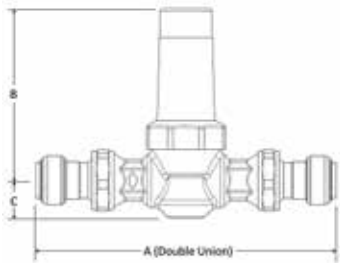
Union SharkBite Connection Inlet and Outlet¹ 3/4" and 1"

¹The 3/4" and 1" models use a stainless steel body and lead free brass tailpieces.

APPROVALS AND LISTINGS:


ASSE 1003, CSA B356, NSF/ANSI 372 (Lead Free), NSF/ANSI 61.
Listed by IAPMO, CSA and ASSE.

DIMENSIONS (inches)				
Size	Connection Style	A Double Union	B	C
3/4	SharkBite	8-3/8	4-15/16	1-1/16
1	SharkBite	9-1/4		



PRODUCT DESCRIPTION	PART NUMBER
EB25 LEAD FREE SHARKBITE CONNECTIONS	
3/4" EB25-DUSB Double Union SharkBite	23955-0045
1" EB25-DUSB Double Union SharkBite	23956-0045

*The back-pass check feature allows for a reverse flow of water though the regulator in the event that outlet pressure increases to exceed supply pressure. Thermal expansion, created by a water heater for instance, can cause water pressure to increase. Without the back-pass check, water cannot flow in reverse.

 BIM component on website



PRESSURE REGULATING VALVES

EB25 MULTICARTRIDGE

COMMERCIAL, INDUSTRIAL

The EB25 Multi-Cartridge pressure reducing valve eliminates the need for costly two-valve installation in applications subject to wide variation in water demand. Benefits include accurate flow control and pressure regulation, plus simple cartridge change-out for servicing. The Multi-Cartridge design has a convenient orange pressure adjustment twist-cap and numerical indicator that allows for quick adjustment of water pressure. The state-of-the art single piece cartridge design makes servicing the valve fast and easy. The valve is designed to service commercial and institutional water installations that experience wide variation in water demand.

Each cartridge has an adjustable range of 20–90 psi but come factory set at 55 psi, 50 psi, and 45 psi respectively.

FEATURES AND BENEFITS:

- US Patent 8,327,871
- Multi-Cartridge Design eliminates the need to install multiple PRVs in parallel
- Convenient orange twist-cap eliminates need for wrench adjustment, numerical indicator shows the pressure without the need for a gauge
- Single piece cartridges can be removed with valve body remaining in place
- Back-pass check feature integral with the cartridge*
- Cutting-edge design and production incorporates "micro-fingers" that dissipate noise due to water flow across the seat
- Regulates pressure at various levels of water demand for accurate flow control
- Serviceable in line
- Every valve is tested for performance prior to shipping

PERFORMANCE:

Maximum working pressure: 250 psi
Maximum temperature: 180°F (82.2°C)
Service: Water
Outlet pressure range: 20–90 psi

APPLICATIONS:

Commercial and industrial water applications.

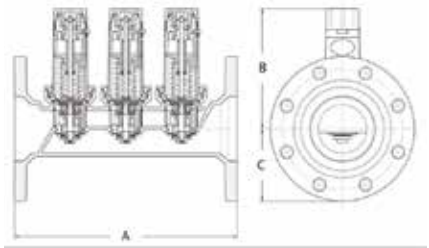
AVAILABLE CONNECTIONS:

Threaded (FIP) 2-1/2" and 3"
ANSI CL 150 Flanged 2-1/2" and 3" and 4"

APPROVALS AND LISTINGS: N/A

DIMENSIONS (inches)			
Dimensions	A	B	C
2-1/2 FIP	13-3/8	7-1/2	2-3/16
2-1/2 Flanged	13	7-1/2	3-1/2
3 FIP	15-3/8	7-1/2	2-9/16
3 Flanged	13-1/8	7-1/2	3-3/4
4 Flanged	13-7/8	7-1/2	4-1/2

PRODUCT DESCRIPTION	PART NUMBER
EB25 LEAD FREE MULTI-CARTRIDGE	
2-1/2" EB25 Multi-Cartridge Threaded NPT	23994-0055
2-1/2" EB25 Multi-Cartridge Flanged	23996-0055
3" EB25 Multi-Cartridge Threaded NPT	23995-0055
3" EB25 Multi-Cartridge Flanged	23997-0055
4" EB25 Multi-Cartridge Flanged	23998-0055



☐ BIM component on website

*The back-pass check feature allows for a reverse flow of water though the regulator in the event that outlet pressure increases to exceed supply pressure. Thermal expansion, created by a water heater for instance, can cause water pressure to increase. Without the back-pass check, water cannot flow in reverse.



PRESSURE REGULATING VALVES

E3

COMMERCIAL, RESIDENTIAL

The Cash Acme E3 Pressure Reducing and Regulating Valve automatically reduces a high inlet pressure to a lower delivery pressure and maintains the lower pressure within acceptable limits. The valve provides substantially higher capacity and closer regulation for more demanding and higher quality installations. The Cash Acme E3 incorporates a yoke-type design, allowing the regulator to close against the inlet pressure and provide quieter operation under wide and varying flow conditions.

The E3 is designed for use where supply line inlet pressure does not exceed 300 psi and is suitable for either cold or hot [to 180°F (82.2°C)] water service for a variety of applications. The Cash Acme E3 is set at 45 psi and comes with an adjustable spring range of 20–70 psi. Low pressure (10–40 psi) and high pressure (71–150 psi) settings are also available.

FEATURES AND BENEFITS:

- Automatically reduces a high inlet pressure to a lower delivery pressure
- Solves problems of water hammer, pipe noise and rapid wearing of fixtures, faucets and valves
- Rugged bronze body
- Every valve is tested for performance prior to shipping

PERFORMANCE:

Maximum initial pressure: 250 psi
Maximum temperature: 180°F (82.2°C)
Service: Water
Outlet pressure range: 20–70 psi*

*Low (10–40 psi) and High (71–150 psi) pressure ranges are also available upon request. Contact Customer Service for available part numbers.

APPLICATIONS:

Commercial and domestic water applications.

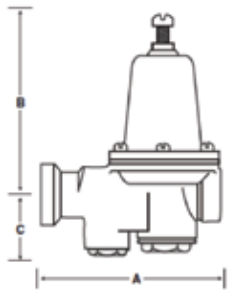
AVAILABLE CONNECTIONS:

Threaded (NPT) 1/2", 3/4", 1", 1-1/4", 1-1/2" and 2"

APPROVALS AND LISTINGS:

ASSE 1003, NSF 372. Listed by ASSE and IAPMO.

DIMENSIONS (inches)			
DIMENSIONS	A	B	C
1/2	5	5-1/4	1-3/4
3/4	5-1/2	5-15/16	1-7/8
1	6-7/16	7	2-11/16
1-1/4	7-5/8	7-1/2	3
1-1/2	8-7/8	8-1/2	3-1/4
2	10-7/16	10-1/4	3-3/16



PRODUCT DESCRIPTION	PART NUMBER
E3 LEAD FREE THREADED NPT	
1/2" E3 Threaded NPT	24700-0045
3/4" E3 Threaded NPT	24703-0045
1" E3 Threaded NPT	24706-0045
1-1/4" E3 Threaded NPT	24709-0045
1-1/2" E3 Threaded NPT	24712-0045
2" E3 Threaded NPT	24715-0045



PRESSURE REGULATING VALVES

E41

COMMERCIAL, RESIDENTIAL AND INDUSTRIAL

The Cash Acme E41 Pressure Reducing and Regulating Valve automatically reduces a high inlet pressure to a lower delivery pressure and maintains the lower pressure within acceptable limits. The valve provides high capacity and close regulation for more demanding and higher quality installations. The E41 is similar in internal design to the E3 regulator with the exception that it is not fitted with an inbuilt strainer for systems which do not require the feature, or where separate individual strainers are preferred.

The E41 is suitable for installation in domestic water supply lines (after the meter) in systems where inlet pressures do not exceed 300 psi and where system temperatures do not exceed 180°F (82.2°C). The E41 is set at 45 psi and comes with an adjustable spring range of 20–70 psi. Low pressure (10–40 psi) and high pressure (71–150 psi) settings are also available.

FEATURES AND BENEFITS:

- Automatically reduces a high inlet pressure to a lower delivery pressure
- High capacities for higher quality installations
- Rugged bronze body
- Every valve is tested for performance prior to shipping

PERFORMANCE:

Maximum initial pressure: 300 psi
Maximum temperature: 180°F (82.2°C)
Service: Air and water
Outlet pressure range: 20–70 psi*

*Low (10–40 psi) and High (71–150 psi) pressure ranges are also available upon request. Contact Customer Service for available part numbers.

APPLICATIONS:

Commercial and domestic water applications.

AVAILABLE CONNECTIONS:

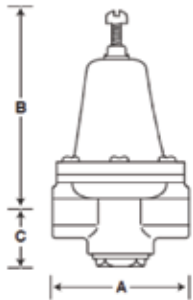
Threaded (NPT) 1/2", 3/4", 1", 1-1/4", 1-1/2" and 2"

APPROVALS AND LISTINGS:

ASSE 1003, NSF 372. Listed by ASSE.

DIMENSIONS (inches)			
DIMENSIONS	A	B	C
1/2	3-3/8	5-1/4	1-1/2
3/4	4-1/16	5-15/16	1-7/8
1	4-9/16	7	2-5/16
1-1/4	5-3/16	8	2-3/8
1-1/2	5-13/16	8-1/2	2-5/8
2	6-1/2	10-1/4	2-3/4

PRODUCT DESCRIPTION	PART NUMBER
E41 LEAD FREE THREADED NPT	
1/2" E41 Threaded NPT	24478-0045
3/4" E41 Threaded NPT	24480-0045
1" E41 Threaded NPT	24482-0045
1-1/4" E41 Threaded NPT	24484-0045
1-1/2" E41 Threaded NPT	24486-0045
2" E41 Threaded NPT	24487-0045



E56

COMMERCIAL, INDUSTRIAL

The E56 Piston Type Pressure Regulating Valve automatically reduces a high inlet pressure to a lower delivery pressure and maintains the lower pressure within acceptable limits. The valve is designed for water, air, light oil, gases (except steam) and other fluids not corrosive to brass. The E56 is exceptionally simple in construction and does not have a diaphragm. Instead it incorporates a chrome plated spring-opposed, balanced piston design. The balanced piston allows for extreme fluctuations in inlet pressures to act uniformly on the piston, producing more sensitive operation while providing for closer regulation and quiet performance.

The E56 is available with threaded or flanged connections in 2", 2-1/2", and 3" sizes. The E56 is available with a variety of factory set pressures ranging from 15–125 psi. The available spring ranges depend on the spring installed: 15–50 psi, 40–60 psi, 50–110 psi, or 80–125 psi.

FEATURES AND BENEFITS:

- Automatically reduces a high inlet pressure to a lower delivery pressure
- Large commercial and industrial water or air service installations
- Balanced piston design provides for closer regulation and quiet performance
- Simple, dependable construction
- Available with threaded or flanged ends
- Every valve is tested for performance prior to shipping

PERFORMANCE:

Maximum initial pressure: 400 psi (threaded), 225 psi (150 lb ANSI flanged)
Maximum temperature: 180°F (82.2°C)
Service: Air, water, light oils and gasses (except steam)
Outlet pressure range: 15–50 psi, 40–60 psi, 50–110 psi and 80–125 psi*

*Additional pressure settings available. Contact Customer Service for available ranges and part numbers.

APPLICATIONS:

Large commercial and industrial water, air, light oil and gas (except steam) service installations.

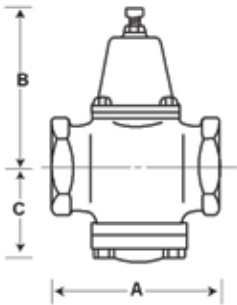
AVAILABLE CONNECTIONS:

Threaded (NPT) 2", 2-1/2" and 3"
ANSI CL 150 Flanged 2", 2-1/2" and 3"

APPROVALS AND LISTINGS: N/A

DIMENSIONS (inches)				
Size	CONNECTION STYLE	A	B	C
2	Threaded	7-1/2	7	3-1/2
2-1/2	Threaded	7-1/2	7	3-1/2
3	Threaded	9-1/4	7	3-1/2
2	150 lb MSS Flanges	8-1/4	7	3-1/2
2-1/2	150 lb MSS Flanges	8-1/4	7	3-1/2
3	150 lb MSS Flanges	8-1/4	7	3-3/4

PRODUCT DESCRIPTION	PART NUMBER
E56 LEAD FREE HIGH CAPACITY REGULATOR	
2" E56 Threaded NPT	24454-0045
2" E56 Flanged	24457-0045
2-1/2" E56 Threaded NPT	24455-0045
2-1/2" E56 Flanged	24458-0045
3" E56 Threaded NPT	24456-0045
3" E56 Flanged	24459-0045



PRESSURE REGULATING VALVES



PRESSURE REGULATING VALVES

EB75

INDUSTRIAL

The EB75 is a compact, iron-body pressure reducing and regulating valve designed for installations where small size and economy are important. Because of the iron body, this valve is not recommended for use in potable water applications. The EB75 comes factory set at 45 psi but has an adjustment range of 10–70 psi. The valve also comes in a low pressure range of 0–20 psi.

FEATURES AND BENEFITS:

- Inbuilt back-pass check allows water to flow back through the regulator in cases of thermal expansion caused by hot water heating devices*
- Fully pressure-balanced piston automatically reduces and regulates high inlet pressures from a maximum of 300 psi down to 45 psi at standard factory setting
- Every valve is tested for performance prior to shipping

PERFORMANCE:

Maximum initial pressure: 300 psi
Maximum temperature: 180°F (82.2°C)
Service: Water
Outlet pressure range: 10–70 psi¹

¹0-20 psi is also available upon request

APPLICATIONS:

Non-potable industrial water system applications.

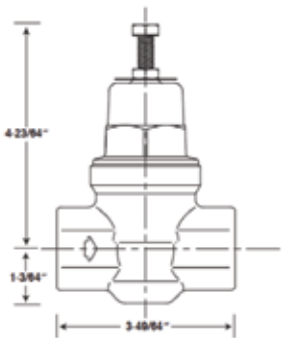
AVAILABLE CONNECTIONS:

Threaded (NPT) 1/2" and 3/4"

APPROVALS AND LISTINGS: N/A

PRODUCT DESCRIPTION	PART NUMBER
EB75 NON-POTABLE PRESSURE REGULATORS FOR WATER & AIR	
1/2" EB75 FPT X FPT (Valve is not a cartridge based design; 0-20 psi range)	20658-0005
3/4" EB75 FPT X FPT (Valve is not a cartridge based design; 0-20 psi range)	20662-0005
1/2" EB75 FPT X FPT (Cartridge based design; 10-70 psi range)	22999-0045
3/4" EB75 FPT X FPT (Cartridge based design; 10-70 psi range)	23000-0045
E75P NON-POTABLE PRESSURE REGULATORS FOR PROPANE	
1/2" Threaded Inlet	20657-0008
1/2" Threaded Inlet with Clean-Out Plug	20664-0010

*The back-pass check feature allows for a reverse flow of water though the regulator in the event that outlet pressure increases to exceed supply pressure. Thermal expansion, created by a water heater for instance, can cause water pressure to increase. Without the back-pass check, water cannot flow in reverse.



PRESSURE REGULATING VALVES

PRV REPAIR KITS

RESIDENTIAL

Pressure Regulator Repair Kits contain internal components to repair Cash Acme PRV products. The applicable kit configuration(s) matches up with existing Cash Acme PRV model numbers and sizes.

APPLICATIONS:

Used for the maintenance and repair of the internal components of existing PRV devices.

AVAILABLE CONNECTIONS:

EB45 Cartridge Kits
EB25 Cartridge Kits
E3 Repair Kits
E41 Repair Kits
E56 Repair Kits



PRODUCT DESCRIPTION	PART NUMBER
EB45 REPAIR KITS	
EB45 Cartridge Kit-Compact Model (1/2"-3/4"Compact Models)	23870
EB45 Cartridge Kit-Classic Model (1/2"-1" Classic Models)	22595
EB45 Cartridge Kit-(1-1/4"-2" Models)	23871
EB25 REPAIR KITS	
EB25 Cartridge Kit-(1/2"-1" Models)	23148
EB25 Cartridge Kit-(1-1/4"-2" Models and Multi-Cartridge)	23149
E3 REPAIR KITS	
1/2" Repair Kit	11488
3/4" Repair Kit	11489
1" Repair Kit	11490
1-1/4" Repair Kit	11491
1-1/2" Repair Kit	11492
2" Repair Kit	11493
E41 REPAIR KITS	
1/2" Repair Kit	11259
3/4" Repair Kit	11260
1" Repair Kit	11261
1-1/4" Repair Kit	11262
1-1/2" Repair Kit	11263
2" Repair Kit	11264
E56 REPAIR KIT	
All Repair Kit	20778