

Safe Breaks®

Emco Wheaton Safe Breaks® protect against fuel spills and dispenser damage. They are designed to separate at a maximum 350 pounds axial pull force, eliminating nuisance breaks while still protecting expensive dispensing systems. The protective cover prevents damage to the Safe Break® when separated.

STANDARD

A2119 3/4" Standard Safe Break®

A3019 1" Standard Safe Break®

The Emco Wheaton A2119 Standard Safe Break® has an economical shear pin design with 3/4" connection for standard hose applications. The double poppets seal both hoses upon separation.

The Emco Wheaton A3019 Standard Safe Break® incorporates all of the features of the A2119 shear pin design with a 1" standard hose connection.

Model No.	Description	A	B	Weight
A2119-002	3/4" Shear Pin NPT	1.8"	4.0"	0.7 lbs.
A2119-003	3/4" Straight Thread BSPP	1.8"	4.0"	0.7 lbs.
A3019-001	1" Shear Pin NPT	2.0"	6.3"	1.5 lbs.
A3019-003	1" Shear Pin BSPP	2.0"	6.3"	1.5 lbs.
A3019-101	1" Shear Pin BSPT	2.0"	6.3"	1.5 lbs.

Accessories

8" Whip Hose: A0021-145
12" Whip Hose: A0021-155

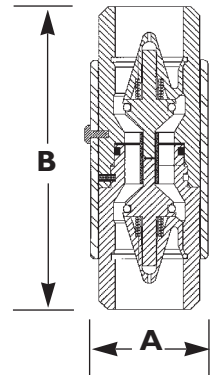
Material

Body: Aluminum
O-rings & Seals: Buna-N & Viton®
Protective Cover: Plastic



■ UL listed

New
Free-Flow
Design



A2219 3/4" Standard Safe Break® (Reconnectable)

A3219 1" Standard Safe Break® (Reconnectable)

The Emco Wheaton A2219 Standard Safe Break® allows for immediate return to service after a drive-away, with no repair kit required. This is made possible by a unique, reconnectable design. The double poppets seal both hoses upon separation. The A2219 is UL listed.

The Emco Wheaton A3219 Standard Safe Break® with a 1" hose connection, includes the features of the A2219 Standard Safe Break®.



Model No.	Description	A	B	Weight
A2219-002	3/4" Reconnectable NPT	2.6"	4.3"	0.7 lbs.
A2219-004	3/4" Reconnectable BSPP	2.6"	4.3"	0.7 lbs.
A3219-001	1" Reconnectable NPT	2.0"	6.0"	1.1 lbs.
A3219-003	1" Reconnectable BSPP	2.0"	6.0"	1.1 lbs.
A3219-101	1" Reconnectable BSPT	2.0"	6.0"	1.1 lbs.

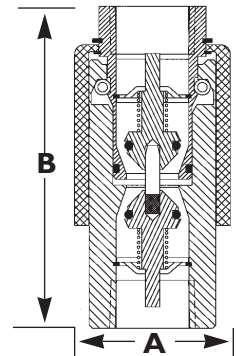
Accessories

8" Whip Hose: A0021-145
12" Whip Hose: A0021-155

Material

Body: Aluminum
O-rings & Seals: Buna-N & Viton®
Protective Cover: Plastic

Viton® is a registered trademark of DuPont Dow Elastomers



Safe Breaks®

VAPOR RECOVERY

A4119 Coaxial Safe Break® Balance System Safe Break®

The Emco Wheaton A4119 Coaxial Safe Break® is made with a cost-effective shear pin design for use with coaxial, balance type hoses. The dual check valves seal both fluid and vapor paths upon separation.

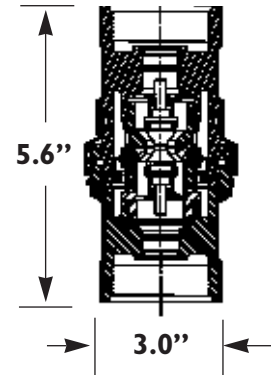
Model No.	Description	Weight
A4119-020	Coaxial Shear Pin	1.5 lbs.

Accessories

12" Whip Hose: A0023-010

Material

Body: Aluminum
 O-rings: Buna-N
 Internal Components: Stainless Steel
 Poppets: Molded Plastic
 Protective Cover: Vinyl



A5019 Inverted Safe Break® Assist System Safe Break®

The Emco Wheaton A5019 Inverted Safe Break® is made for use with inverted coaxial metric hoses and features the economical shear pin design. The double poppets seal both fluid and vapor paths upon separation.

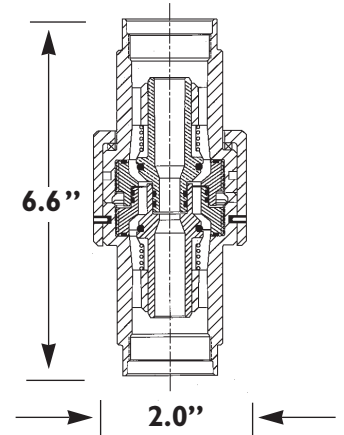
Model No.	Description	Weight
A5019-001	Assist Shear Pin	1.3 lbs.

Accessories

12" Whip Hose: A0024-010

Material

Body: Cast Aluminum
 O-rings & Seals: Buna-N & Viton®
 Protective Cover: Vinyl



A5219 Inverted Safe Break® (Reconnectable) Assist System Safe Break®

The Emco Wheaton A5219 Inverted Safe Break® combines the advanced features of the A5019 with a reconnectable design which allows for immediate return to service after drive-away, with no repair kit required. The dual check valves seal both fluid and vapor paths upon separation.

Model No.	Description	Weight
A5219-001	Assist Reconnectable	0.9 lbs.

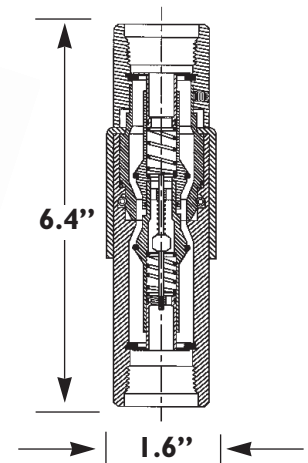
Accessories

12" Whip Hose: A0024-010

Material

Body: Aluminum
 O-rings & Seals: Buna-N & Viton®
 Protective Cover: Plastic

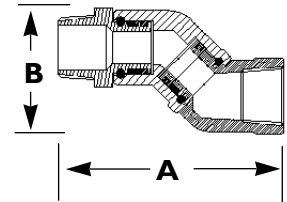
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Swivels

A0360 Hose Swivel

The Emco Wheaton A0360 Hose Swivel features a polished die-cast aluminum body with chrome plated male fittings. The teflon® bushings permit the hose and nozzle to move smoothly and freely on any plane or axis. Viton® o-rings provide positive sealing and compatibility with all fuels. Fluorosilicone o-rings provide excellent low temperature performance. The outlet swivel rotates 360° at the nozzle inlet to keep the nozzle in a comfortable, upright position, and prevents hose kinking and wear. The A0360 is designed for non-vapor recovery applications and is available with .75" or 1.0" NPT or BSPP or BSPT threads.



■ UL listed

Model No.	Hose Connection Size	Nozzle Connection Size	A	B	Weight
A0360-075	3/4" Female	3/4" Male	4.0	2.2	9 oz.
A0360-076	3/4" Female BSPT	3/4" Male BSPT	4.0	2.2	9 oz.
A0360-077	3/4" Female BSPP	3/4" Male BSPP	4.0	2.2	9 oz.
A0360-100	1" Female	1" Male	4.4	2.6	13 oz.
A0360-101	1" Female BSPT	1" Male BSPT	4.4	2.6	13 oz.
A0360-102	1" Female BSPP	1" Male BSPP	4.4	2.6	13 oz.

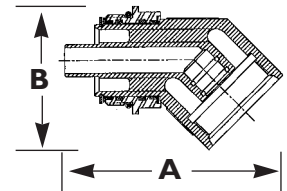
Material

Body: Aluminum
 Seal: Viton® & Fluorosilicone
 Connectors: Zinc & Brass

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A4110 Coaxial Swivel

The Emco Wheaton UL listed A4110 Coaxial Swivel is expressly designed for use with balanced vapor recovery nozzles. These inlet swivels create a 45 degree or 90 degree angle with the coaxial hose.



■ UL listed

Coaxial Swivel

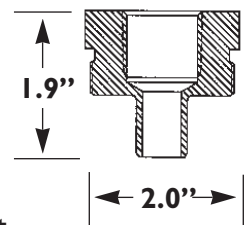
Model No.	A	B	Weight
A4110-001	4.5"	2.75"	1.05 lbs.

Material

Body: Cast Aluminum
 Snap ring: Plated Steel
 Swivel nut: Chrome Plated Brass

563639 Adapter

The Emco Wheaton 563639 Adapter allows you to retrofit the dispenser for Balance Stage II before installing the nozzle and hose. The 563639 Adapter converts a coaxial outlet to a 3/4" NPT outlet, temporarily plugging the vapor path until you are ready to install the balanced vapor recovery nozzle and hose. This adapter is made of chrome plated steel making it corrosion resistant and easy to remove.



	Port Sizes	Weight
	Coaxial 1 7/8"	13 oz.
	Fuel Outlet 3/4"	13 oz.

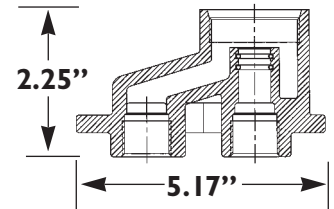
Splitters

A4043 Splitter

The Emco Wheaton A4043 Splitter is for use on coaxial balance Stage II Vapor Recovery Systems. The cast aluminum body is lightweight and strong. The A4043 includes two buna o-rings for a reliable hose seal. The A4043 splitter is UL listed and CARB certified.



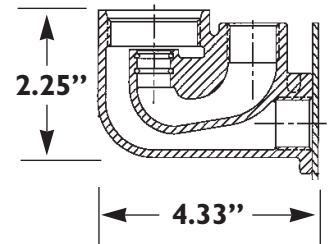
■ UL listed



Model No.	Application	Material	Port Size	Weight
A4043-001	High Hose Mount	Aluminum	1 ⁷ / ₈ "	1 lb. 2 oz.

A4041 Splitter

The Emco Wheaton A4041 Splitter is designed for converting a side mount dispenser which is not vapor ready into a coaxial vapor recovery system. For vertical island plumbing of the vapor line, order the A4041-001. For plumbing the vapor line through the dispenser wall, order the A4041-002.



Model	Application	Material	Weight
A4041-001	Island Mount	Aluminum	12 oz.
A4041-002	Dispenser Mount	Aluminum	12 oz.

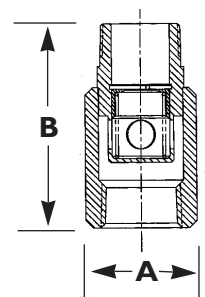
Port Sizes

Fuel Inlet	3 ¹ / ₄ "
Vapor Outlet	3 ¹ / ₄ "
Coaxial	1 ⁷ / ₈ "

Flow Regulators

A0010 Flow Regulator

The Emco Wheaton A0010 is an in-line liquid flow regulating device calibrated to limit flow to 10 gpm, in accordance with Federal EPA requirements. The A0010 is manufactured from zinc-plated steel or aluminum with 3/4" ports.



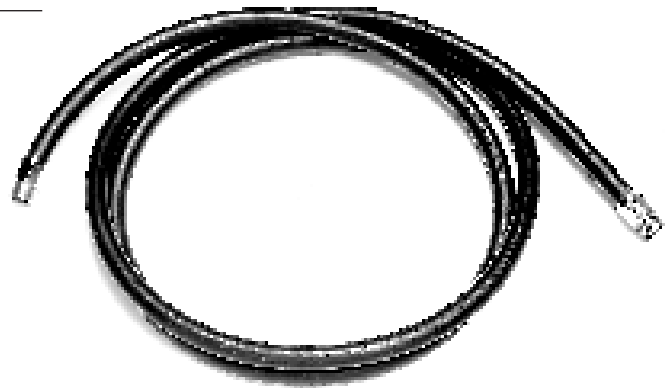
Model	Material	Inlet	Outlet	Installation	A	B
A0010-003	Steel	Male	Female	Dispenser Outlet	1.44"	2.7"
A0010-010	Aluminum	Female	Male	Nozzle Inlet	1.125"	2.5"
A0010-011	Aluminum	Male	Female	Dispenser Outlet	1.125"	2.5"

Hose Assemblies

A002I Standard Hose Assemblies

The Emco Wheaton A002I conventional hose assemblies are UL 330 listed and may be used anywhere a hardwall hose is needed. Single-wire braid construction provides static conductivity and increases hose strength. Conventional hose assemblies are available in 5/8", 3/4" and 1" sizes and are fitted with male/male couplings or swivel couplings if required. Softwall hose assemblies are also available upon request. Please contact our customer service department for additional sizes.

Size	Model No.	Description
5/8	A002I-100	6" Whip Hose
	A002I-105	8" Whip Hose
	A002I-110	10" Whip Hose
	A002I-203	8.5' Curb Pump Hose
	A002I-208	9.5' Curb Pump Hose
	A002I-210	10' Curb Pump Hose
	A002I-213	10.5' Curb Pump Hose
	A002I-220	12' Curb Pump Hose
	A002I-230	14' Curb Pump Hose
	A002I-209	9.5' Curb Pump Hose, Swivel One End
A002I-211	10' Curb Pump Hose, Swivel One End	
3/4	A002I-140	6" Whip Hose
	A002I-145	8" Whip Hose
	A002I-146	8" Whip Hose, Swivel One End
	A002I-149	9" Whip Hose
	A002I-150	10" Whip Hose
	A002I-155	12" Whip Hose
	A002I-305	9' Curb Pump Hose
	A002I-310	10' Curb Pump Hose
	A002I-320	12' Curb Pump Hose
	A002I-330	14' Curb Pump Hose
	A002I-335	15' Curb Pump Hose
	A002I-331	14' Curb Pump Hose, Swivel One End
1	A002I-175	8" Whip Hose
	A002I-177	9" Whip Hose
	A002I-180	10" Whip Hose
	A002I-185	12" Whip Hose
	A002I-400	8' Curb Pump Hose
	A002I-405	9' Curb Pump Hose
	A002I-410	10' Curb Pump Hose
	A002I-420	12' Curb Pump Hose
	A002I-438	15' Curb Pump Hose, Softwall
	A002I-445	17' Curb Pump Hose
	A002I-460	20' Curb Pump Hose
	A002I-411	10' Curb Pump Hose, Swivel One End



Hose Assemblies

A0023 Coaxial Hose Assemblies

The Emco Wheaton A0023 coaxial hose assemblies are specifically designed to meet all EPA requirements for balanced vapor recovery systems. All coaxial hose assemblies are UL 330 listed and CARB certified. Couplings are male/male 1⁷/₈" with industry standard 12 threads per inch. Please contact our customer service department for additional sizes.

Model No.	Description
A0023-010	12" Whip Hose Coax
A0023-040	4' Curb Pump Hose Coax
A0023-060	6' Curb Pump Hose Coax
A0023-085	8.5' Curb Pump Hose Coax
A0023-090	9' Curb Pump Hose Coax
A0023-095	9.5' Curb Pump Hose Coax
A0023-105	10.5' Curb Pump Hose Coax
A0023-120	12' Curb Pump Hose Coax
A0023-130	13' Curb Pump Hose Coax
A0023-145	14.5' Curb Pump Hose Coax
A0023-150	15' Curb Pump Hose Coax
A0023-775	7.5' Curb Pump Hose Coax w/Venturi
A0023-780	8' Curb Pump Hose Coax w/Venturi
A0023-785	8.5' Curb Pump Hose Coax w/Venturi
A0023-790	9' Curb Pump Hose Coax w/Venturi
A0023-795	9.5' Curb Pump Hose Coax w/Venturi
A0023-700	14' Curb Pump Hose Coax w/Venturi



A0024 Inverted Coaxial Hose Assemblies

The Emco Wheaton A0024 inverted coaxial hose assemblies are designed for use with all vacuum assist dispenser systems. These assemblies are CARB certified and as with all Emco Wheaton hose assemblies, the A0024 is UL 330 listed. All couplings are vacuum assist compatible with M34 metric threads. Please contact our customer service department for additional sizes.

Model No.	Description
A0024-010	12" Whip Hose Inverted Coax
A0024-085	8.5' Curb Pump Hose Inverted Coax
A0024-090	9' Curb Pump Hose Inverted Coax
A0024-100	10' Curb Pump Hose Inverted Coax
A0024-120	12' Curb Pump Hose Inverted Coax

