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1-800-361-5361

VL-3A Sanitary Sight Glass

Add Visibility To Your Process

The VL-3A Sanitary Sight Glass easily adds visibility to any process line or equipment. Utilizing a standard tri-clamp connection, the sight glass can be added to any equipment with an available tri-clamp port, allowing for inspection of the process.

Applications include process tanks and equipment, process lines, parts washers, process components, or any other sanitary process where visibility inside the equipment is required.



The sight glass is authorized to carry a 3-A symbol, ensuring a sanitary and cleanable design.





QUICK TIPS

Handle carefully!

When taking off the tri-clamp gasket and clamp, handle with care - the remaining assembly includes a body, additional gasket, and the sight glass itself - all separate components that come apart and can be damaged if dropped.

Can the sight glass be left in for Clean-In-Place (CIP)?

Yes! The unit is fully CIP-able.

Is this unit 3-A authorized?

Yes - the unit is authorized to carry a 3-A symbol to the 65-01 (Sight and/or Light Windows and Sight Indicators in Contact with Product) standard.

GOOD TO KNOW

Connection Size	Maximum Operating Conditions
1.5" TC	250 psi @ 250 °F
2.0" TC	250 psi @ 250 °F
2.5" TC	200 psi @ 250 °F
3.0" TC	150 psi @ 250 °F
4.0" TC	125 psi @ 250 °F

VL-3A Sight Glass Assembly

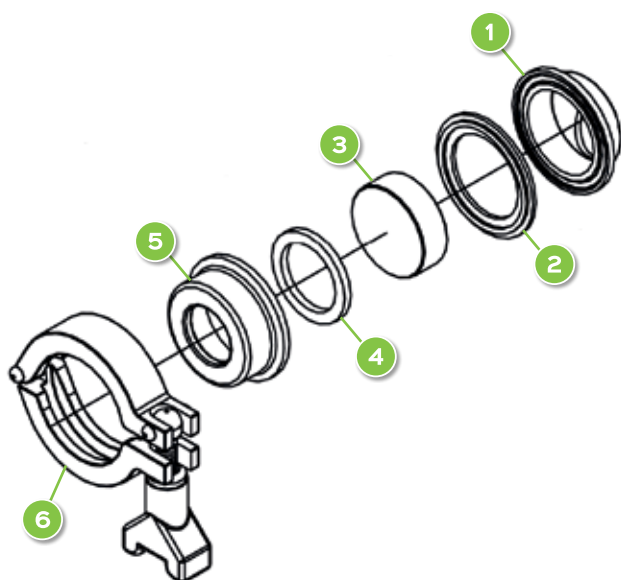
Connection Size	Description	Part #
1.5"	VL-3A Sight Glass Assembly, 1.5" TC	060759
2.0"	VL-3A Sight Glass Assembly, 2.0" TC	055630
2.5"	VL-3A Sight Glass Assembly, 2.5" TC	056231
3.0"	VL-3A Sight Glass Assembly, 3.0" TC	055631
4.0"	VL-3A Sight Glass Assembly, 4.0" TC	055632

NOTE: VL-3A Sight Glass Assemblies come with the sight glass lens, sight glass ferrule, and EPDM sight glass gasket. If additional tri-clamps or tri-clamp gaskets are needed, see the replacement parts section.



VL-3A Sight Glass Assembly

VL-3A Sight Glass Replacement Parts



- 1 TC Ferrule
- 2 TC Gasket
- 3 Sight Glass Lens
- 4 Sight Glass Gasket
- 5 Sight Glass Ferrule
- 6 TC Clamp

NOTE: Only items 3-5 are included with the VL-3A Sight Glass Assembly on page 128.

1 Tri-Clamp (TC) Ferrule

Connection Size	Description	Part #
1.5"	Ferrule, Tri-Clamp, 316Lss, 1.5", Short	020535
2.0"	Ferrule, Tri-Clamp, 316Lss, 2.0", Short	020536
2.5"	Ferrule, Tri-Clamp, 316Lss, 2.5", Short	020537
3.0"	Ferrule, Tri-Clamp, 316Lss, 3.0", Short	020538
4.0"	Ferrule, Tri-Clamp, 316Lss, 4.0", Short	020539

NOTE: This short, weld-on Tri-Clamp Ferrule is the connection onto which the sight glass is clamped. It is likely not needed for existing installations.

2 Tri-Clamp (TC) Gasket

Connection Size	Description	Part #
1.5"	Gasket, Tri-Clamp, EPDM, 1.5"	021027
2.0"	Gasket, Tri-Clamp, EPDM, 2.0"	021028
2.5"	Gasket, Tri-Clamp, EPDM, 2.5"	021029
3.0"	Gasket, Tri-Clamp, EPDM, 3.0"	021030
4.0"	Gasket, Tri-Clamp, EPDM, 4.0"	021031

3 Sight Glass Lens

Connection Size	Description	Part #
1.5"	Lens, Sight Glass, Borosilicate, 1.5"	060760
2.0"	Lens, Sight Glass, Borosilicate, 2.0"	056512
2.5"	Lens, Sight Glass, Borosilicate, 2.5"	056513
3.0"	Lens, Sight Glass, Borosilicate, 3.0"	056514
4.0"	Lens, Sight Glass, Borosilicate, 4.0"	056515

4 Sight Glass Gasket

Connection Size	Description	Part #
1.5"	Gasket, Sight Glass, EPDM, 1.5"	060761
2.0"	Gasket, Sight Glass, EPDM, 2.0"	056508
2.5"	Gasket, Sight Glass, EPDM, 2.5"	056509
3.0"	Gasket, Sight Glass, EPDM, 3.0"	056510
4.0"	Gasket, Sight Glass, EPDM, 4.0"	056511

5 Sight Glass Ferrule

Connection Size	Description	Part #
1.5"	Ferrule, Sight Glass, 316Lss, 1.5"	060762
2.0"	Ferrule, Sight Glass, 316Lss, 2.0"	056516
2.5"	Ferrule, Sight Glass, 316Lss, 2.5"	056517
3.0"	Ferrule, Sight Glass, 316Lss, 3.0"	056518
4.0"	Ferrule, Sight Glass, 316Lss, 4.0"	056519

6 Tri-Clamp (TC) Clamps

Connection Size	Description	Part #
1.5"	Clamp, Tri-Clamp, 1.5"	020081
2.0"	Clamp, Tri-Clamp, 2.0"	020082
2.5"	Clamp, Tri-Clamp, 2.5"	020083
3.0"	Clamp, Tri-Clamp, 3.0"	020084
4.0"	Clamp, Tri-Clamp, 4.0"	020225

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