

Style 923 Vic-Let™ Strapless Outlet

PRODUCT DESCRIPTION



4 - 8" IPS

Patented

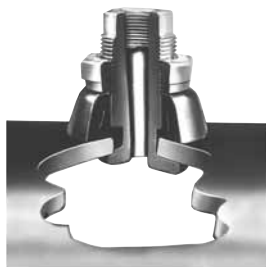
The Victaulic Style 923 Vic-Let outlet provides a fast, easy pipe outlet without the need for a strap or lower housing to wrap around the pipe. The Vic-Let outlet main body casting has integral lugs which insert into a hole cut in the pipe, gripping against the pipe's inside wall, while a nut threaded on the main body is tightened to cause the gasket and containing collar to be forced against the pipe's outside surface resulting in a rigid joint. Both sizes of Style 923 Vic-Let outlets are rated at 300 psi (2065 kPa) working pressure for standard weight steel pipe for sizes 4 - 8" (100 - 200 mm) and Schedules 10 - 40 steel pipe for sizes 10" (250 mm) and larger. Vic-Let outlets 4 - 12" (100 - 300 mm) are UL/ULC Listed for fire protection services at 175 psi (1270 kPa).



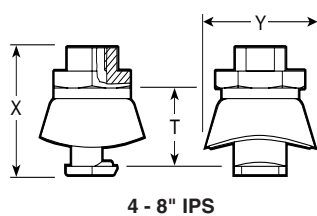
See Victaulic
publication 10.01
for details.



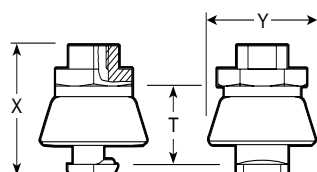
10" IPS and larger



DIMENSIONS



4 - 8" IPS



10" IPS and larger

Nominal Size Inches/millimeters			Maximum Working Pressure PSI */kPa	Dimensions – Inches/millimeters					Approx. Weight Each Lbs./kg
				Hole Dimensions		Vic-Let Dimensions			
				Hole Saw Size	Max. Perm. Dia.	T **	X	Y ***	
4 - 8 100 - 200	X	1/2	300	1.50	1.56	2.47	3.00	3.09	1.9
	X	15	2065	38,1	39,6	63	76	78	0,9
	X	3/4	300	1.50	1.56	2.44	3.00	3.09	1.6
	X	20	2065	38,1	39,6	62	76	78	0,7
10 and larger 250 and larger	X	1/2	300	1.50	1.56	2.47	3.00	3.00	1.9
	X	15	2065	38,1	39,6	63	76	76	0,9
	X	3/4	300	1.50	1.56	2.44	3.00	3.00	1.6
	X	20	2065	38,1	39,6	62	76	76	0,7

* On Schedule 40 pipe 4" to 8" (100 - 200 mm) and Schedule 10 - 40 for sizes 10" (250 mm) and larger. Minimum 0.165" (4,2 mm), maximum 0.375" (9,5 mm) wall thickness on large pipe or flat plate. Pressure rating is for Vic-Let outlet only, pipe used must also be rated at this pressure or higher.

** Inside wall of run to engaged pipe end.

*** Width of collar is as supplied, width assembled changes due to collar deformation at assembly.

FLOW DATA: Flow area equivalent to 3/4" (20 mm) pipe. Accepts 7/16" (11 mm) diameter probe.

WARNING: Always depressurize system and drain before disassembly.

DUE TO DEFORMATION OF THE COLLAR, VIC-LET OUTLET SHOULD NOT BE RE-USED AFTER INITIAL INSTALLATION.

PERFORMANCE

Both sizes of Vic-Let outlet are rated for working pressure at 300 psi (2065 kPa) on standard wall steel pipe. Proper preparation of the hole to receive Vic-Let outlet is essential for effective sealing and performance.

NOTE: For one time field test only – listed working pressure may be increased 1 1/2 times.

Flow Data

Vic-Let outlet design provides flow characteristics which exceed comparable size welded-on outlet devices. Vic-Let outlet provides a smooth cast inner surface with smooth outlet radii for low pressure drop and best flow performance.

MATERIAL SPECIFICATIONS

Housing: Ductile iron conforming to ASTM A-536, grade 65-45-12, painted black. Ductile iron conforming to ASTM A-395, grade 65-45-15, is available upon special request.

Collar: Hot rolled, pickled and oiled steel conforming to ASTM A-569, zinc electroplated to ASTM B-633.

Seat Liner: (specify choice*)

- **Grade “E” EPDM**

EPDM (Green color code). Temperature range –30°F to +230°F (–34°C to +110°C). Recommended for hot water service within the specified temperature range plus a variety of dilute acids, oil-free air and many chemical services. UL classified in accordance with ANSI/NSF 61 for cold +86°F (+30°C) and hot +180°F (+82°C) potable water service. NOT RECOMMENDED FOR PETROLEUM SERVICES.

- **Grade “T” nitrile**

Nitrile (Orange color code). Temperature range –20°F to +180°F (–29°C to +82°C). Recommended for petroleum products, air with oil vapors, vegetable and mineral oils within the specified temperature range; except hot, dry air over +140°F (+60°C) and water over +150°F (+66°C). NOT RECOMMENDED FOR HOT WATER SERVICES.

*Services listed are General Service Recommendations only. It should be noted that there are services for which these gaskets are not recommended. Reference should always be made to the latest Victaulic Gasket Selection Guide for specific gasket service recommendations and for a listing of services which are not recommended.