

Victaulic Suction Diffuser Series 731-D



1.0 PRODUCT DESCRIPTION

Available Sizes

- 3 x 2" to 12 x 12"/DN80 x DN50 to DN300 x DN300

Pressure Class

- Rated to the working pressure of the mating flange up to a maximum of 365 psi/2517 kPa/25 bar.

Application

- Provides optimum flow conditions at the inlet side of the pump.
- Removable basket and fine mesh sleeve act as start-up strainer.
- Pressure port in the cap measures pressure downstream of the diffuser.
- Plug in the cap allows for easy draining of the system

2.0 CERTIFICATION/LISTINGS

Not applicable – contact Victaulic with any questions.

ALWAYS REFER TO ANY NOTIFICATIONS AT THE END OF THIS DOCUMENT REGARDING PRODUCT INSTALLATION, MAINTENANCE OR SUPPORT.

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| System No. | | Location | |
| Submitted By | | Date | |

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| Spec Section | | Paragraph | |
| Approved | | Date | |

3.0 SPECIFICATIONS – MATERIAL

Housing (Body, Coupling, End Cap): Ductile iron conforming to ASTM A395.

Housing Coating: (specify choice)

Standard: Fusion bonded epoxy (Max. operating temperature +140°F/+60°C).

Optional: Orange coating.

Coupling Gasket: (specify choice)

Victaulic EPDM

(Green color code). Temperature range –30°F to +230°F/–34°C to +110°C. UL Classified in accordance with ANSI/ NSF 61 for cold +73°F/+23°C and hot +180°F/+82°C potable water service and ANSI/NSF 372. NOT RECOMMENDED FOR PETROLEUM SERVICES.

Victaulic Nitrile

(Orange color code). Temperature range +10°F to +150°F/–12°C to +65°C. Not compatible for hot water services over +150°F/+66°C or for hot dry air over +140°F/60°C. NOT RECOMMENDED FOR HOT WATER SERVICES.

Diffuser: Type 304 stainless steel, frame and perforated sheet with 5/32" / 4 mm diameter holes.

Start-Up Pre-Filter: 20 mesh stainless steel, Type 304.

Bolts/Nuts: Heat-treated plated carbon steel, trackhead meeting the physical and chemical requirements of ASTM A449 and physical requirements of ASTM A183.

Support: Boss for support. See table below for size. (Support not supplied.)