



Vent-Tech  
Combination Sewage Air Relief Valve

## **SWP-C Series**



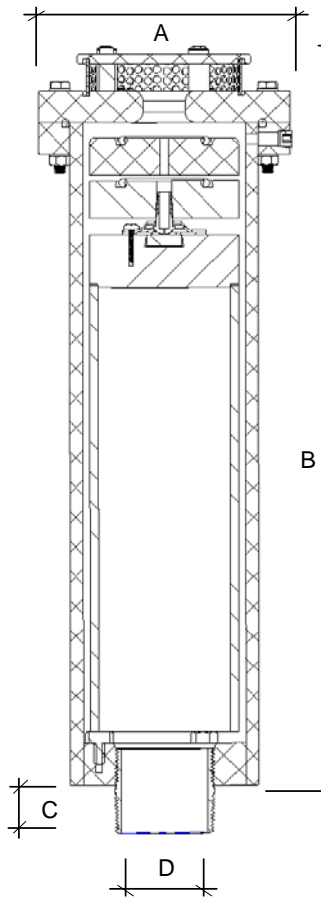
- **Air Release**
- **Vacuum Protection**
- **Surge Control**

Customized for: **Small diameter plastic sewer pipe installation.**

## **High Air Flow Intake and Discharge**

## **With Surge Control**

Vent-Tech  
**SWP-C Valve - 1"**  
**General Specifications**



**VALVE OPERATIONS:**

1. High volume air evacuation while pipeline fills
2. High volume vacuum relief during pump shutdown
3. Discharge of air/gas from pressurized pipeline
4. Surge abatement for high velocity start up conditions, column separation and fluid oscillation

<b>VALVE SIZES</b>	1 (inch)						
<b>STANDARD OPERATING PRESSURES</b>	Bar 5 ( 73 psi)						
<b>VALVE CONNECTIONS</b>	INLET:	<ul style="list-style-type: none"> <li>• Male NPT threaded</li> <li>• 2" only</li> </ul>					
	OUTLET	<ul style="list-style-type: none"> <li>• 1" outlet protected with perforated S/Steel screen</li> </ul>					
<b>MATERIAL SPECIFICATIONS</b>	ABS outer body, with 304 SS inlet nipple 304SS, 316SS, HDPE, UHMW-HDPE, Viton, ABS						
<b>VALVE TESTS</b>	<ul style="list-style-type: none"> <li style="width: 50%;">• Leak test up to 1.5 valve rated pressure</li> <li style="width: 50%;">• Pressurized air release</li> <li style="width: 50%;">• Low pressure leak test</li> </ul>						
<b>DIMENSIONS (INCHES) WEIGHTS (LBS)</b>	<b>SIZE</b>	<b>Bar</b>	<b>MODEL</b>	<b>A (In)</b>	<b>B (In)</b>	<b>C NPT (In)</b>	<b>WT. (Lb)</b>
	1	5	01-SWP-05	6.0	17.5	2.0	6.0

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**SWP-C Valve – 1”**  
**Material Specifications**

11 HIGH IMACT RESISTANT  
 ABS PLASTIC BODY

SCREEN COVER (304SS)

HEX CAP SCREWS, NUTS,  
 & WASHERS (304SS)

DEPRESSURE & GAUGE  
 PORT (304SS)

NOZZLE ASSEMBLY:  
 Screws and Connectors (304SS)  
 Nozzle Seat (EPDM Rubber)

O-RING SEALS (VITON)

NOZZLE FLOAT  
 & ANTI-SURGE FLOAT (UHMW-HDPE)

CONTROL FLOAT (HDPE)

NYLON FLOAT SPACERS

INLET NIPPLE (304SS)

VENT-TECH WATER AIR RELIEF VALVE	
Series:	Size:
<b>SWP-C</b>	1”
	Date: 9-2010
MATERIAL SPECIFICATIONS	

