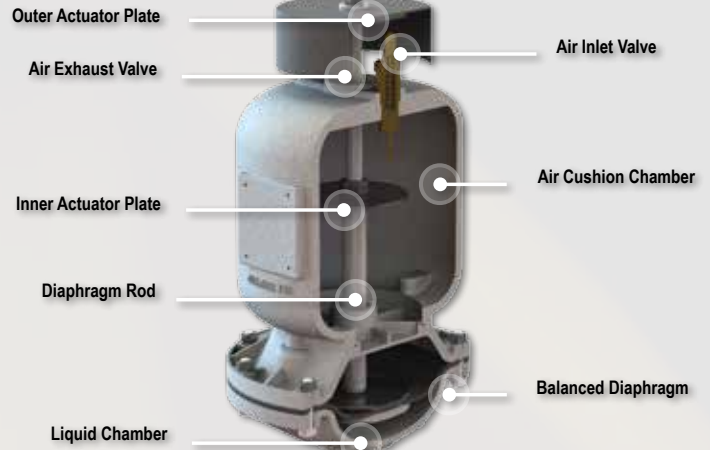


# Surge Suppressors

# SS

Pump Cycling Rate



## Surge Suppressor Advantages:

- Virtually surge-free flows
- Steadier pressures
- Less vibration and noise
- Simple installation
- Variety of sizes and materials
- Automatically self-charging and self-venting
- Longest life balanced diaphragm



Model & Description	Max. Pressure	Air Inlet Size	Liquid Inlet Size	Dimensions inches (mm)	Available Wetted Materials					
					Chamber			Diaphragm		
					Aluminum	Stainless Steel	Polypropylene	Buna-N	Neoprene w/ PTFE Overlay	Santoprene®
<b>VTA1</b> For 1" pumps. Includes 13 1/4" air hose	125 psi 8.6 bar	1/4" NPT (external thread)	1" NPT	13 5/8"-15 1/8" H (346mm-384mm) 9" diameter (229mm) NPT(F)	✓	✓		✓	✓	✓
<b>VTA25</b> For 1" pumps. Includes 13 1/4" air hose	125 psi 8.6 bar	1/4" NPT (external thread)	1" BSP (Tapered int. thread)	13 5/8"-15 1/8" H (346mm-384mm) 9" diameter (229mm) NPT(F)	✓	✓		✓	✓	✓
<b>VTA1 1/2</b> For 1" & 1 1/2" pumps. Includes 11 1/4" air hose	125 psi 8.6 bar	1/4" NPT (external thread)	1 1/2" NPT (int. thread)	19 7/8"-21 3/8" H (505mm-543mm) 10 1/2" diameter (267mm) NPT(F)	✓	✓		✓	✓	✓
<b>VTA40</b> For 1" & 1 1/2" pumps. Includes 11 1/4" air hose	125 psi 8.6 bar	1/4" NPT (external thread)	1 1/2" BSP (Tapered int. thread)	19 7/8"-21 3/8" H (505mm-543mm) 10 1/2" diameter (267mm) NPT(F)	✓	✓		✓	✓	✓
<b>VTA2 DL2</b> For 1 1/2" & 2" pumps. Includes 13 1/4" air hose	125 psi 8.6 bar	1/4" NPT (external thread)	2" NPT (int. thread)	20 1/4"-23 3/16" H (514mm-589mm) 12 1/2" diameter (317mm) NPT(F)	✓	✓		✓	✓	✓
<b>VTA50 DL2</b> For 1 1/2" & 2" pumps. Includes 13 1/4" air hose	125 psi 8.6 bar	1/4" NPT	2" BSP (Tapered int. thread)	20 1/4"-23 3/16" H (514mm-589mm) 12 1/2" diameter (317mm) NPT(F)	✓	✓		✓	✓	✓
<b>VTA3 DL2</b> For 3" pumps. Includes 13 1/4" air hose	125 psi 8.6 bar	1/4" NPT	3" 150# ANSI flange or 3" NPT int.	20 1/8"-23 1/8" height (511mm-587mm) 16 3/16" diameter (411mm) NPT(F)	✓	✓		✓	✓	✓
<b>VTA80 DL2</b> For 3" pumps. Includes 13 1/4" air hose	125 psi 8.6 bar	1/4" NPT	3" BSP (Tapered int.) or 80mm DIN Flange	20 1/8"-23 1/8" H (511mm-587mm) 16 3/16" diameter (411mm) NPT(F)	✓	✓		✓	✓	✓
<b>VDA05</b>	125 psi 8.6 bar	1/4" NPT	1/2" NPT	7 15/32" H (190mm) 5 5/8" W (143mm) 6 15/16" D (176mm)	✓	✓	✓		✓	
<b>VDA07</b>	125 psi 8.6 bar	1/4" NPT	3/4" NPT	7 23/32" H (196mm) 5 5/8" W (143mm) 6 15/16" D (176mm)			✓		✓	
<b>VDA10</b>	125 psi 8.6 bar	1/4" NPT	1" NPT	11 23/32" H (298mm) 5 5/8" W (143mm) 7 1/2" D (191mm)			✓		✓	