

Surge Suppressor Technical Specifications

TECHNICAL SPECIFICATIONS							Available Wetted Materials									
Model	Desc.	Cert.	Air Inlet Size	Liquid Inlet Size	Height (mm)	Diameter (mm)	Chamber				Diaphragm					
							Aluminum	Stainless Steel	Cast Iron	Alloy C	Neoprene	Nitrile	FKM	EPDM	Neoprene PTFE Overlay	Santoprene®
Self-Charge, Self-Vent	TA1	1" pumps	⊕x CE	.25" NPT (external thread)	1" NPT	13.625"-15.125" (346mm-384mm)	9" (229mm) NPT(F)	✓	✓	✗	✗	✓	✓	✓	✓	✓
	TA25	1" pumps	⊕x CE	.25" NPT (external thread)	1" BSP (Tapered internal thread)	13.625"-15.125" (346mm-384mm)	9" (229mm) NPT(F)	✓	✓	✗	✗	✓	✓	✓	✓	✓
	TA1½	1" & 1.5" pumps	⊕x CE	.25" NPT (external thread)	1.5" NPT (Internal thread)	19.875"-21.325" (505mm-543mm)	10.5" (267mm) NPT(F)	✓	✓	✓	✓	✓	✓	✓	✓	✓
	TA40	1" & 1.5" pumps	⊕x CE	.25" NPT (external thread)	1.5" BSP (Tapered internal thread)	19.875"-21.325" (505mm-543mm)	10.5" (267mm) NPT(F)	✓	✓	✓	✓	✓	✓	✓	✓	✓
	TA2	1.5" & 2" pumps	⊕x CE	.25" NPT (external thread)	2" NPT (Internal thread)	20.25"-23.1875" (514mm-589mm)	12.5" (317mm) NPT(F)	✓	✓	✓	✓	✓	✓	✓	✓	✓
	TA50	1.5" & 2" pumps	⊕x CE	.25" NPT	2" BSP (Tapered internal thread)	20.25"-23.1875" (514mm-589mm)	12.5" (317mm) NPT(F)	✓	✓	✓	✓	✓	✓	✓	✓	✓
	TA3	3" pumps	⊕x CE	.25" NPT	3" 150# ANSI or 3" NPT (Internal)	20.125"-23.125" (511mm-587mm)	16.1875" (411mm) NPT(F)	✓	✓	✓	✗	✓	✓	✓	✓	✓
	TA80	3" pumps	⊕x CE	.25" NPT	3" BSP (Tapered int.) or 80mm DIN	20.125"-23.125" (511mm-587mm)	16.1875" (411mm) NPT(F)	✓	✓	✓	✗	✓	✓	✓	✓	✓
Manual Charge	DA05	.5" pumps	CE	.25" NPT	.5" NPT	7.468" (190mm) WIDTH: 5.625" (143mm)	6.9375" (176mm)	Aluminum, Stainless Steel & Polypropylene								
	DA07	.75" pumps	CE	.25" NPT	.75" NPT	7.718" (196mm) WIDTH: 5.625" (143mm)	6.9375" (176mm)	Polypropylene only								
	DA10	1" pumps	CE	.25" NPT	1" NPT	11.718" (298mm) WIDTH: 5.625" (143mm)	7.5" (191mm)	Polypropylene only								

✓ = Available ✗ = Not available

All of the TA models are CE and ATEX • Dimensional Tolerance: ±1/8" (± 3mm) • See service manual for complete specifications