



NUVENT AQUA 70-516

“Anti-Shock” Air release and Vacuum breaker valve

- Automatic surge protection with Integral ‘Anti-Shock’ mechanism to minimise transients
- Effective air release – ensuring effective de-aeration under all operating conditions
- Vacuum protection – The large orifice diameter ensures least possible resistance to air intake
- Virtually maintenance free – assembled from corrosion free materials



▶ AQUA 70-516 Function and Installation

NUVENT AQUA 70-516 is a Triple orifice Air release and Vacuum breaker valve with an integral "Anti-shock" feature specifically sized for water pipelines. When correctly sized and located, the NUVENT 70-516 will offer surge protection in the event of rapid filling of pipelines and surge events such as pump trip. The valve is also designed to offer full port vacuum break in the event of pipeline draining or suffers a burst, thus ensuring the safeguarding of your pipeline, pipe components, valves and seals.

AQUA B70-516 Weights & Dimensions

Size	Model no.	Pressure Rating	Overall Height	Overall Diameter	Weight
25mm / 1"	AQUA 70-516	25 bar / 363 psi	286mm / 11.26"	100mm / 3.94"	4 kg / 9 lbs
	AQUA 70-516	40 bar / 580 psi	336mm / 13.23"	100mm / 3.94"	5 kg / 11 lbs
50mm / 2"	AQUA 70-516	25 bar / 363 psi	301mm / 11.85"	130mm / 5.12"	7 kg / 15 lbs
	AQUA 70-516	40 bar / 580 psi	346mm / 13.62"	130mm / 5.12"	8 kg / 18 lbs
80mm / 3"	AQUA 70-516	16 bar / 232 psi	279mm / 10.98"	200mm / 7.87"	16 kg / 35 lbs
	AQUA 70-516	25 bar / 363 psi	279mm / 10.98"	200mm / 7.87"	16 kg / 35 lbs
	AQUA 70-516	40 bar / 580 psi	313mm / 12.32"	200mm / 7.87"	19 kg / 42 lbs
100mm / 4"	AQUA 70-516	16 bar / 232 psi	274mm / 10.79"	220mm / 8.66"	16 kg / 35 lbs
	AQUA 70-516	25 bar / 363 psi	279mm / 10.98"	235mm / 9.25"	19 kg / 42 lbs
	AQUA 70-516	40 bar / 580 psi	319mm / 12.56"	235mm / 9.25"	23 kg / 51 lbs
150mm / 6"	AQUA 70-516	16 bar / 232 psi	438mm / 17.24"	285mm / 11.22"	40 kg / 88 lbs
	AQUA 70-516	25 bar / 363 psi	449mm / 17.68"	300mm / 11.81"	46 kg / 102 lbs
	AQUA 70-516	40 bar / 580 psi	484mm / 19.06"	300mm / 11.81"	61 kg / 135 lbs
200mm / 8"	AQUA 70-516	16 bar / 232 psi	497mm / 19.57"	340mm / 13.39"	55 kg / 121 lbs
	AQUA 70-516	25 bar / 363 psi	507mm / 19.96"	360mm / 14.17"	65 kg / 143 lbs
	AQUA 70-516	40 bar / 580 psi	530mm / 20.87"	375mm / 14.76"	87 kg / 192 lbs

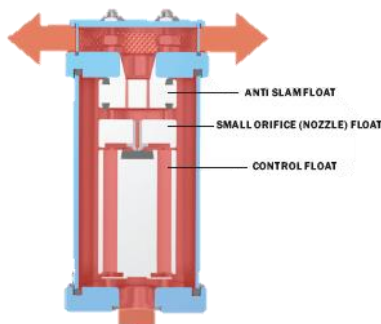
▶ AQUA B70-516 Materials

Body: Stainless Steel, Grade 304,316
Seals: EPDM
Floats: H.D.P.E
Gaskets: RBR

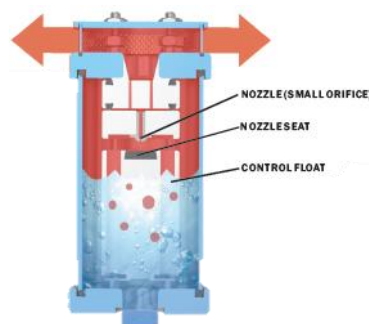
▶ AQUA B70-516 Technical Specifications

Medium: Water / Air
Size range: 25mm to 200mm
Max. working temperature: 5°C to 60°C
Pressure Ratings: PN16 through to PN40

ANTI SLAM AIR DISCHARGE



PRESSURISED AIR RELEASE



VACUUM BREAK

