



SINGLE CHAMBER KINETIC VACUUM AIR VALVE

TAYFUR WATER SYSTEMS

TYPHOON®

We **Care** About
Every Drop of
Water



Tayfur Water Systems, which was established by Tayfun Yazaroğlu in 2004 in Izmir. We continue our activities as "Tayfur Water Systems Machinery Engineering Industry and Trade Inc." since 2017.

Our company offers its products and experiences to the local market and international market. Tayfur Water Systems, while strengthening its recognition abroad, continues to expand its production, sales and marketing activities every day.

Our engineers and technical staff, technological infrastructure, manufacturing, sales, project-consulting, contracting and service planning meets the requirements of the sector.

Our company manufactures "TYPHOON" brand, hydraulic control valves, plastic hydraulic control valves, backwash valves, plastic backwash valves, impact-free dynamic suction cups, plastic suction cups, bottom clamps, filter reverse flushing control devices. It is progressing towards becoming a strong brand in both domestic and foreign markets by meeting the special demands of its domestic and foreign customers.

STORY OF US

Our Quality Policy

In order to be a leader in quality in the sales, marketing and service sector by complying with legal conditions and to comply with the requirements of Quality Management System in order to meet the needs and expectations of our customers, to continuously improve the efficiency and to not compromise the quality under any circumstances.

Our Mission

To be a company aiming to present its synergy in the national and international market which has always taken its responsibilities, desires and expectations of our customers in a correct, reliable and timely manner, within the framework of high quality standards, transforming efficiency and competition into an advantage...

Our Vision

To be a leading, innovative, powerful and reputable enterprise in its sector.



SINGLE CHAMBER KINETIC VACUUM AIR VALVES

TYPHOON Single Chamber Air Release and Vacuum Valves are designed to perform two functions:

1. The venting of large volumes of air on the start-up of the system, while pipelines are filled.
2. The intake of large volumes of air on shut-of the system, while pipelines are being drained.

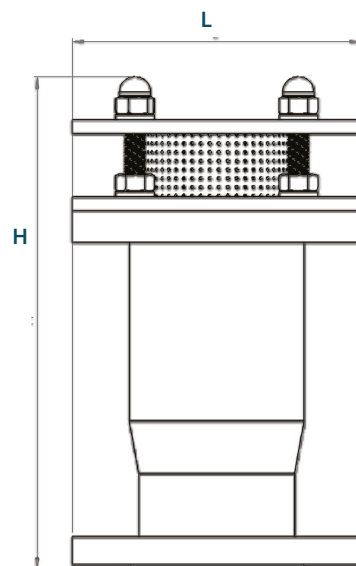
Operations

1. System is turned-on by a valve opening or a pump start:
 - a. Water moves along the pipeline, pushing air.
 - b. The air is vented through the air valve.
 - c. Water flows inside the air valve, causing the float to rise and seal the outlet.
2. System is turned-off by a valve closing, pump shut-off or by an electricity failure:
 - a. Water drains and the level of water in the pipeline drops, causing vacuum inside the system.
 - b. The float drops and opens the outlet of the valve.
 - c. Air is let in the system.



SINGLE CHAMBER KINETIC VACUUM AIR VALVES

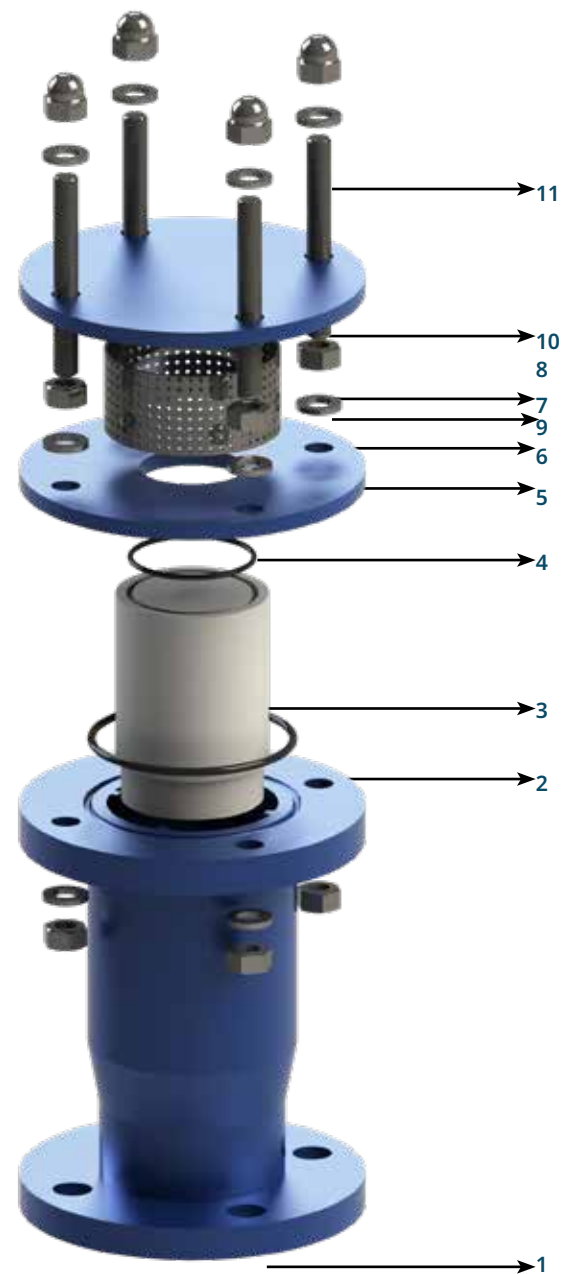
Size (inch-DN)			L		H		Weight
inch	DN	Connection	inch	mm	inch	mm	kg
2	50	Flanged	6,496	165	110,83	281,5	11
2 ^{1/2}	60	Flanged	7,283	185	11,122	282,5	12
3	80	Flanged	7,784	200	12,460	316,5	17
4	100	Flanged	8,661	220	13,327	338,5	20
6	150	Flanged	11,220	285	15,216	386,5	35
8	200	Flanged	13,386	340	15,216	386,5	46
10"	250	Flanged	17,52	445	26,97	685	120
12"	300	Flanged	20,55	522	23,23	590	190



SINGLE CHAMBER KINETIC VACUUM AIR VALVES

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#	Material Name	Type of Material
1	Valve Body	GGG40
2	O-Ring	NBR
3	Floater	Polyethylene
4	O-Ring	NBR
5	Bottom Flange	ST37
6	Filter	Stainless Steel
7	Washer	Stainless Steel
8	Nut	Stainless Steel
9	Top Flange	ST37
10	Stud Bolt	Stainless Steel
11	Capped Nut	Stainless Steel



1" SINGLE CHAMBER & SINGLE FUNCTION AIR VALVES

The 1" Air Release Valves are designed to perform single specified function:

The Discharge of pressurized air pockets during the operation.

The 1" Air Valves that are installed especially in the pump stations decrease overall pumping costs by discharging small pressurized air pockets that are slowing down the water flow.

Order Information

Please provide the following information in order

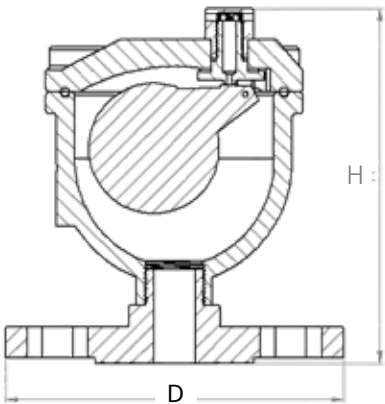
Maximum mains / operating pressure bar

Main pipeline diameter mm

Valve connection type



#	Material Name	Type of Material
1	Flanged	GGG40
2	Body	GGG40
3	O-Ring	NBR
4	Floater Ball	HDPE
5	Floater Pin	Brass
6	Orifice	Brass
7	Sealed Rubber	EPDM
8	Cover	GGG40
9	Inbus Bolt	Brass
10	Bolt	Stainless Steel



Size (inch - DN)		D		H		Weight
		PN 10/16 inch	PN 10/16 mm	PN10/16 inch	PN10/16 mm	
1"	Threaded	5,59	142	6,456	164,0	6,38
DN40	Flanged	5,91	150	7,697	195,5	7,00
DN50	Flanged	6,50	165	7,697	195,5	7,50
DN65	Flanged	7,28	185	7,697	195,5	9,70
DN80	Flanged	7,87	200	7,697	195,5	10,00
DN100	Flanged	8,66	220	7,697	195,5	11,00
DN150	Flanged	11,22	285	7,697	195,5	13,00

Product Brand / Ürünün Markası

TYPHOON

Directives and Regulations / Direktif ve Yönetmelikler

2014/68/EU Pressure Equipment Directive / 2014/68/EU Başınç Ekipmanları Direktifi

It has been accepted by the company that the applicable requirements of the 2014/68/EU Pressure Equipment Directive have been fulfilled. Responsibility has been taken for the products defined above. The products defined above have been checked by internal production control carried out by the organization. If there is a change in the product, this declaration will not be accepted and will lose its validity.

Yukarıda tanımlanmış ürünlerin olan Ürünlerin Çiğ 2014/68/EU Başınç Ekipmanları Yönetmeliğinin uygulanmasını gerektirilenlerinin yerine getirildiği kabul edilmiştir. Ürünlerin Çiğ firma tarafından kabul edilmiştir. Yukarıda tanımlanmış ürünlerin olan Ürünler, Çiğ kontrolörlerinin kontrolü altında üretilmiştir. Ürünlerde bir değişiklik olduğu takdirde bu beyan kabul edilmeyecek ve geçerliliğini yitirecektir.

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Product Brand / Ürünün Markası
FLUSHCON

Directives and Regulations / Direktif ve Yönetmelikler
2006/42/EC Machinery Safety Directive / 2006/42/AT Makine Emniyeti Direktifi
2014/35/EC Low Voltage Directive / 2014/35/AT Alçak Gerilim Yönetmeliği

Harmonized Standards / Harmonize Standartlar
EN ISO 12100:2010, EN 60204-1:2018

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EXHIBITIONS





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TYPHOON

**Her
Fabrika** Bir
Kaledir*

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*Every factory is a fortress

