



A GLOBAL FAMILY OF BRANDS



# FLUSHING TECHNOLOGY FILL & FLUSH VALVES



More than **40.000.000 valves** sold over the world **every year**.



## COMPLETE RANGE OF SANITARY SOLUTIONS

Fluidmaster is a global supplier of an extensive range of sanitary solutions, actively sold under the Fluidmaster®, LIV®, SCHWAB® and WISA® brands.

The enduring strength of Fluidmaster is based upon our never ending focus on customer satisfaction and innovation in all that we do.

We believe this focused and strategic approach to global growth is the best way to expand our footprint on a market by market basis as well as to support our manufacturing, distribution and business partners worldwide.

Through our recognized strong brands, now enhanced with Fluidmaster flushing technology, we provide a complete range of high-quality concealed and exposed cisterns, smart sanitary solutions, flushing plates and contact-less flushing systems, urinal, washbasin and bidet frames, shower drains, discharge valves and traps, sanitary ceramics, toilet seats, fill and flush valves, connecting elements, spare parts as well as many other accessories for bathrooms or sanitary environment.

Discover the world of flushing technology solutions.



# NO. 1 BRAND OF TOILET COMPONENTS IN THE WORLD



Fluidmaster is the No.1 brand of toilet components in the world. Chosen by plumbers, ceramic manufacturers and “Do it yourselfers” around the world, we are known for our performance and technology, quality, durability, ease of installation and innovation.

Our products are distributed in over 90 countries and are found in most wholesale and retail shelves worldwide, reaching over 80% of the world’s population.



No. 1 IN THE WORLD

**MANUFACTURER NO. 1 IN THE WORLD**  
**MORE THAN 1 VALVE PER SECOND**  
**40,000,000 VALVES PER YEAR**  
**PRESENT IN 90 COUNTRIES**  
**SUPPLIER TO 60 CERAMIC MANUFACTURERS**



**Adolf Schoepe**  
founder, inventor, entrepreneur,  
philanthropist



**The first valve 400 Series**  
1957

# FILL VALVES 747



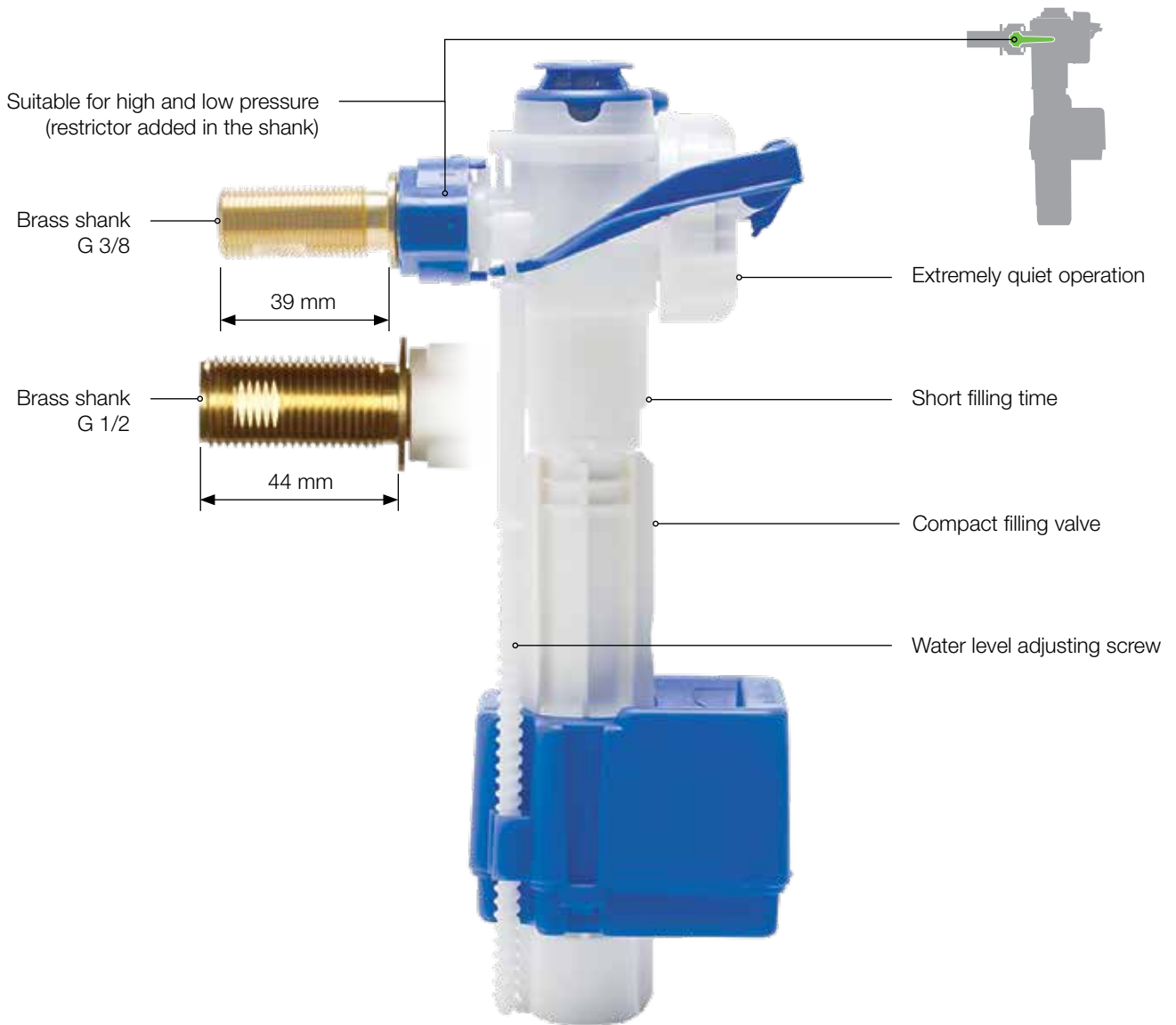
## 747 SERIES

The whisper quiet Fluidmaster 747 Series Fill Valve boasts a compact and modern design. The 747 works efficiently with high or low water pressure.

The high level of accuracy provided by the valve makes for an ideal flush volume in any toilet. The durable parts stand up to years of flushes, while the narrow profile allows a proper fit in slim-line WC cisterns with no adjustment needed. Quality is assured by factory testing of every valve, living up to the highest Fluidmaster quality standards.



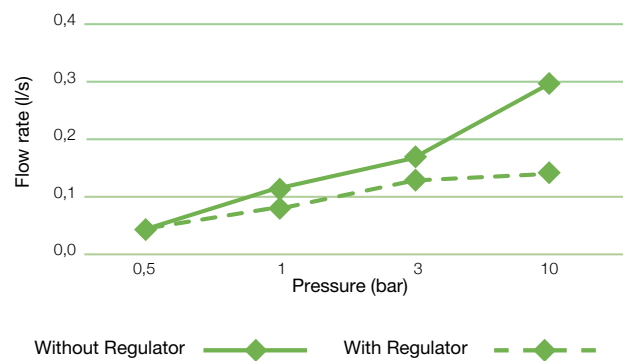
# FILL VALVES 747



## TECHNICAL DATA

Operating pressure	0,2 – 16 bar (0,02 – 1,6 MPa)
Sound level	Class 1
Mount position	Side
Connector type	Shank
Connector thread	G 3/8 (Ø 16,662 mm) and G 1/2 (Ø 20,955 mm)
Shank material	Brass
Connector shank length	747E-037-P20 G 3/8: 39 mm 747U-038-P20 G 1/2: 44 mm
Valve height	222 mm
Float adjustment range	97 mm

## 747 SERIES FLOW RATE AVERAGES (L/S)



# FILL VALVES 747



## FILL VALVE 747, brass shank G 3/8

Article no.: 747E-037-P20

EAN code: 3838912063502

Packing: 20 pcs./carton

### Purpose

Suitable for concealed and exposed flushing cisterns

Suitable for ceramic cisterns

### Properties

Compact and durable hydraulic filling valve

Side mount valve

Suitable for high and low pressure (restrictor added in the shank)

Extremely quiet operation (Class 1)

Short filling time

Water level adjusting screw

Anti-corrosion material

Unique self-cleaning valve mechanism

Fast and easy to install

Proven and reliable quality

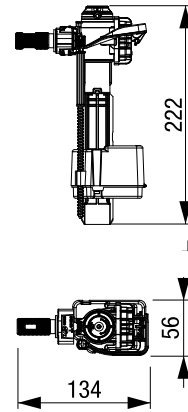
Consistent performance

Installation sheet included

### Technical specifications

Brass shank G 3/8 x 39 mm

### Technical drawing



## FILL VALVE 747, brass shank G 1/2

Article no.: 747U-038-P20

EAN code: 3838912063519

Packing: 20 pcs./carton

### Purpose

Suitable for concealed and exposed flushing cisterns

Suitable for ceramic cisterns

### Properties

Compact and durable hydraulic filling valve

Side mount valve

Suitable for high and low pressure (restrictor added in the shank)

Extremely quiet operation (Class 1)

Short filling time

Water level adjusting screw

Anti-corrosion material

Unique self-cleaning valve mechanism

Fast and easy to install

Proven and reliable quality

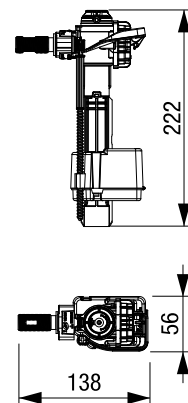
Consistent performance

Installation sheet included

### Technical specifications

Brass shank G 1/2 x 44 mm

### Technical drawing



### CERTIFICATES

DVGW (Brass shank)

DW-6542DL0040

### COMPLIANCE STANDARDS

DW-6542DL0040



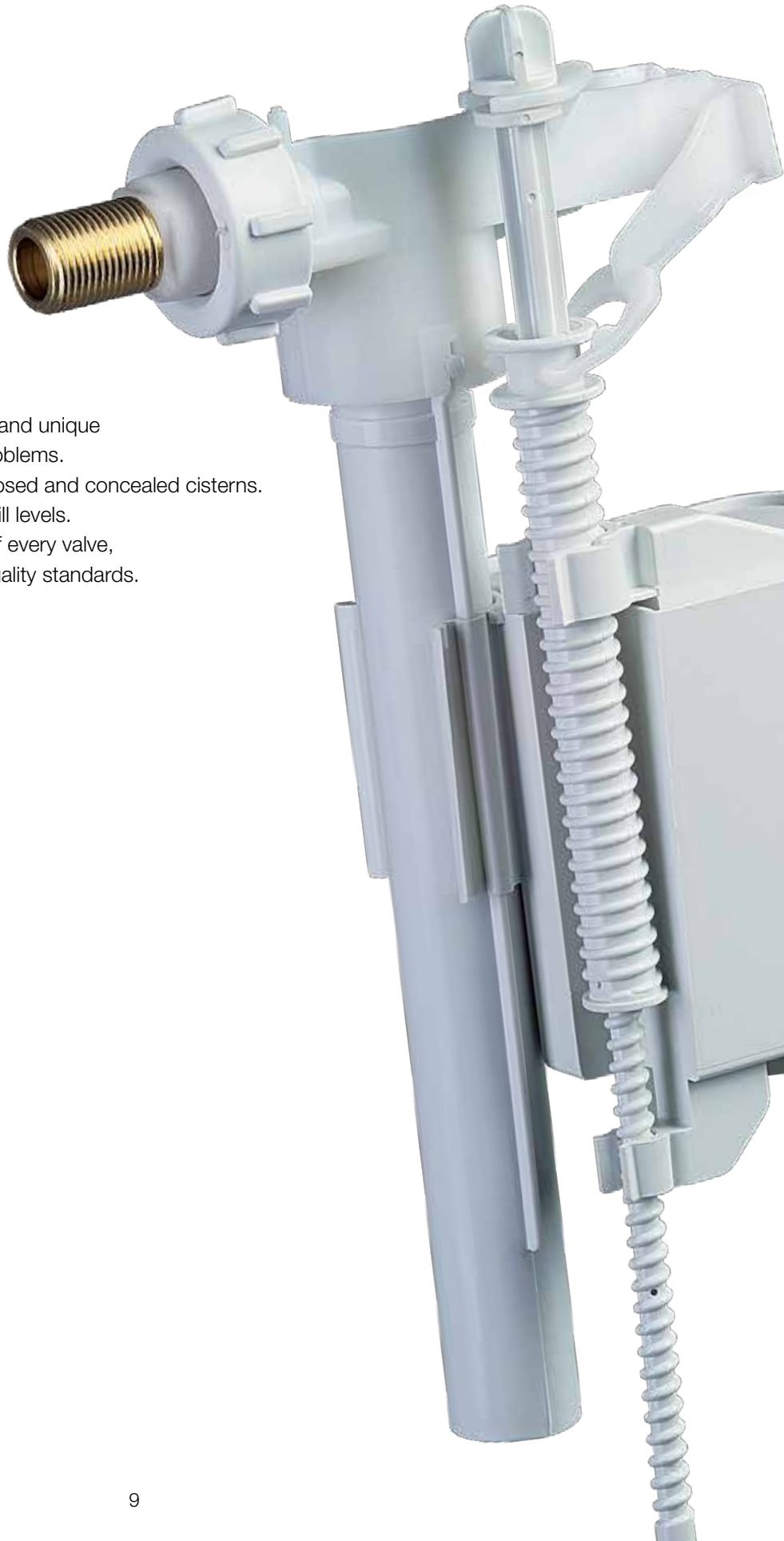




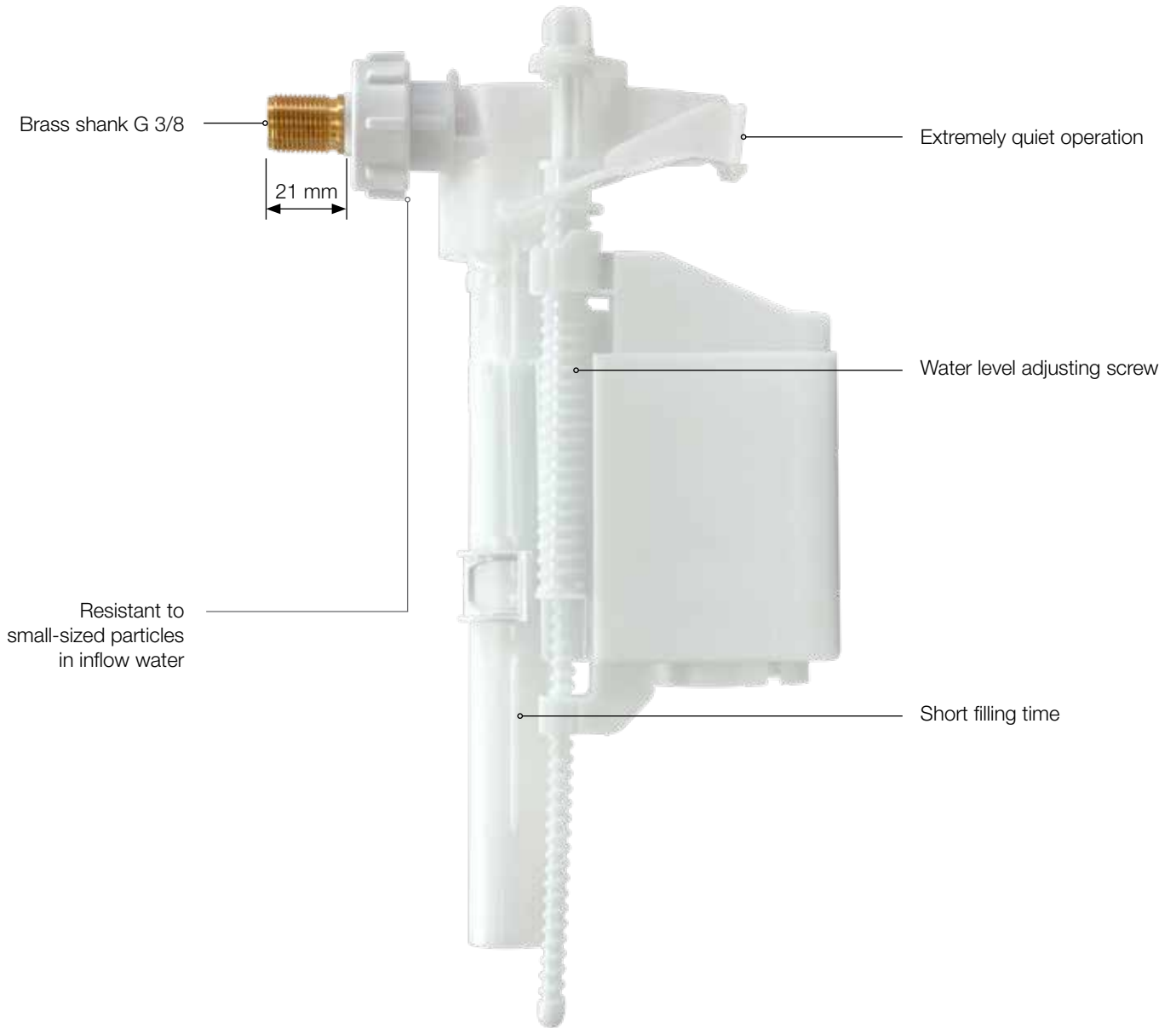
# FILL VALVE HDV

## HDV

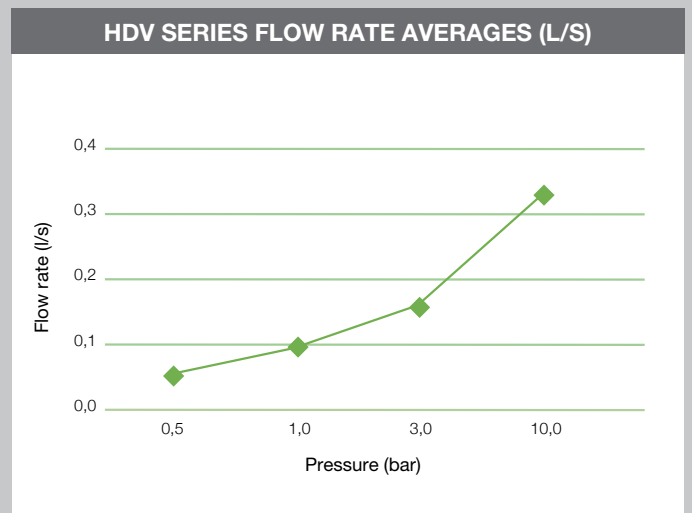
Fluidmaster HDV Fill Valve is the right and unique answer to impurity and hard water problems. It is a fundamental product for all exposed and concealed cisterns. It can be adjusted to provide varying fill levels. Quality is assured by factory testing of every valve, living up to the highest Fluidmaster quality standards.



# FILL VALVE HDV



TECHNICAL DATA	
Operating pressure	0,1 – 10 bar (0,01 – 1 MPa)
Sound level	Class 1
Mount position	Side
Connector type	Shank
Connector thread	G 3/8 (Ø 16,662 mm)
Shank material	Brass
Connector shank length	21 mm
Valve height	278 mm
Float adjustment range	83 mm



# FILL VALVE HDV

## FILL VALVE HDV, brass shank G 3/8

Article no.: 229109

EAN code: 3838912011916

Packing: 40 pcs./carton



### Purpose

Suitable for concealed and exposed flushing cisterns

### Properties

Extremely robust and durable mechanical filling valve

Side mount valve

Resistant to small-sized particles in inflow water

Extremely quiet operation (Class 1)

Short filling time

Water level adjusting screw

Fast and easy to install

Proven and reliable quality

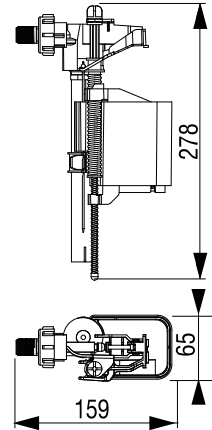
Consistent performance

Installation sheet included

### Technical specifications

Brass shank G 3/8 x 21 mm

### Technical drawing



### CERTIFICATES

DVGW (Brass shank and plastic shank)

DW-6542CO0277

### COMPLIANCE STANDARDS

EN 14124





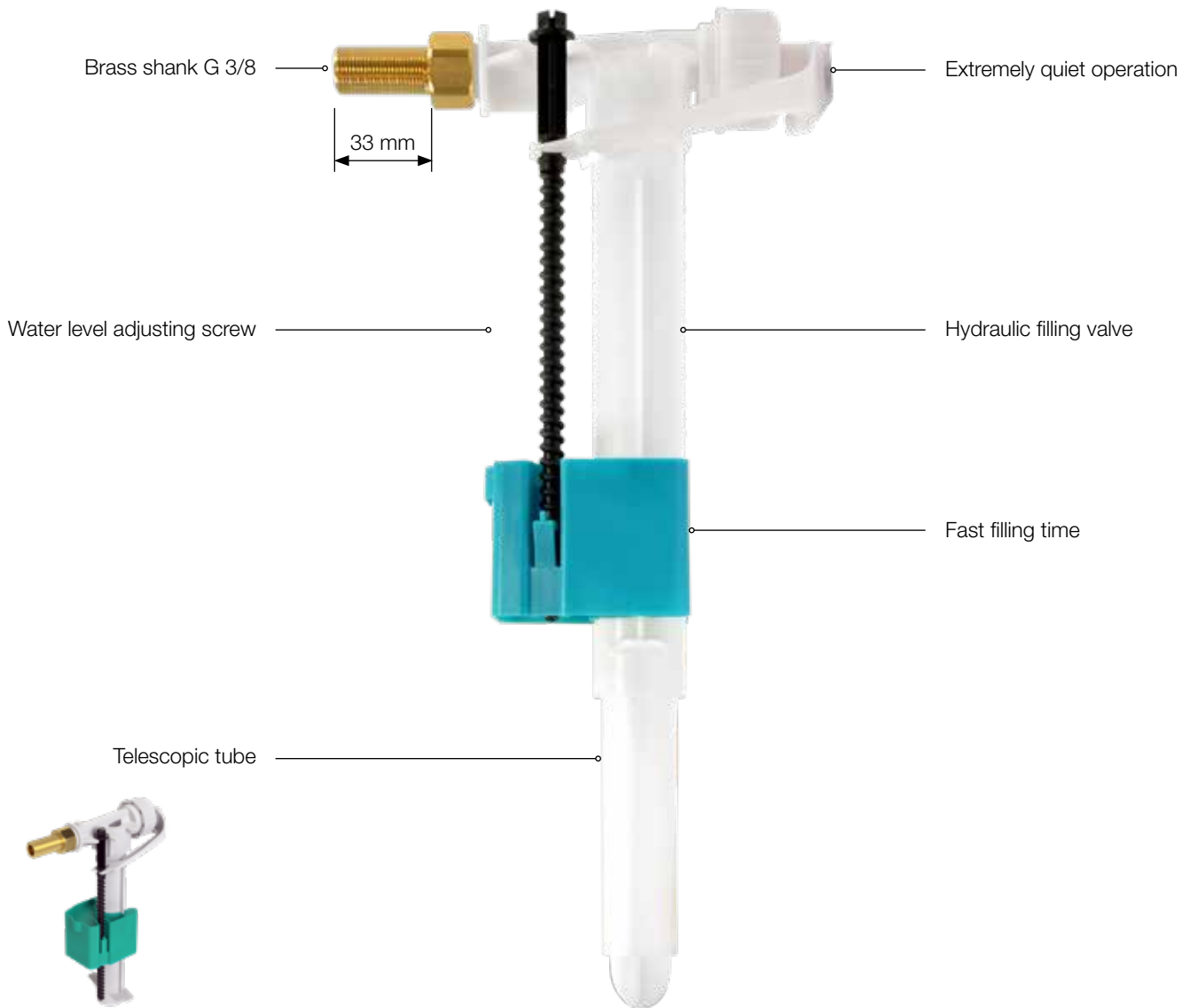
# FILL VALVE HVK

## HVK

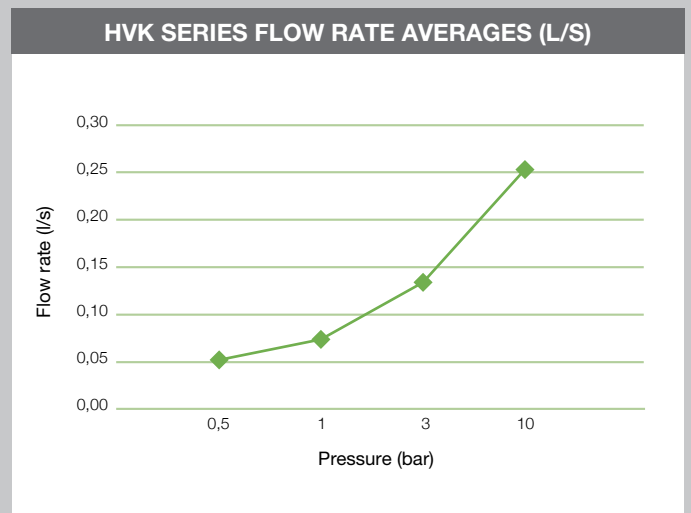
Fluidmaster HVK Series Fill Valve is a quiet, hydraulic fill valve designed to work in exposed and concealed cisterns. This durable valve can withstand years of use. Quality is assured by factory testing of every valve, living up to the highest Fluidmaster quality standards.



# FILL VALVE HVK



TECHNICAL DATA	
Operating pressure	0,5 – 10 bar (0,05 – 1 MPa)
Sound level	Class 1
Mount position	Side
Connector type	Shank
Connector thread	G 3/8 (Ø 16,662 mm)
Shank material	Brass
Valve height	345 mm
Connector shank length	33 mm
Float adjustment range	95 mm



# FILL VALVE HVK

## FILL VALVE HVK, brass shank G 3/8

Article no.: 8035432795

EAN code: 8711778074460

Packing: 36 pcs./carton



### Purpose

Suitable for concealed and exposed flushing cisterns

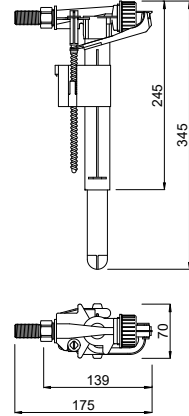
### Properties

- Durable hydraulic filling valve
- Side mount valve
- Extremely quiet operation (Class 1)
- Fast filling time
- Water level adjusting screw
- Telescopic tube
- Fast and easy to install
- Proven and reliable quality
- Consistent performance
- Installation sheet included

### Technical specifications

Brass shank G 3/8 x 33 mm

### Technical drawing



### CERTIFICATES

DVGW (Brass shank and plastic shank)

NF (Brass shank only)

KIWA (Brass shank only)

### COMPLIANCE STANDARDS

EN 12124, NF 076, KIWA BRL K620/06, UBA Elastom,

UBA KTW, DVGW W270



# FILL VALVE HVK

## SETTING OF THE VALVE'S TELESCOPIC TUBE



The telescopic tube adjusts itself to the depth of the cistern.

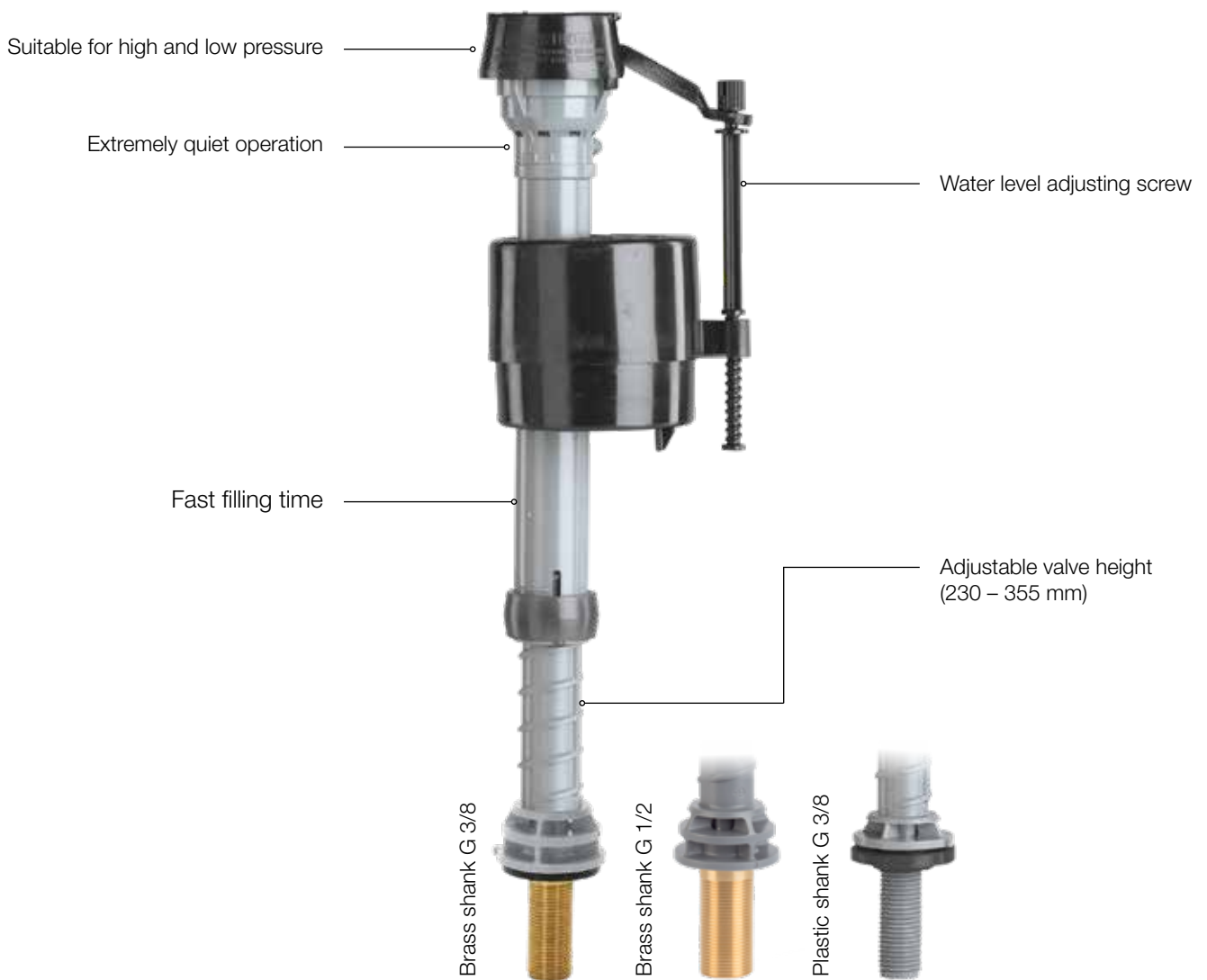


## 400 SERIES

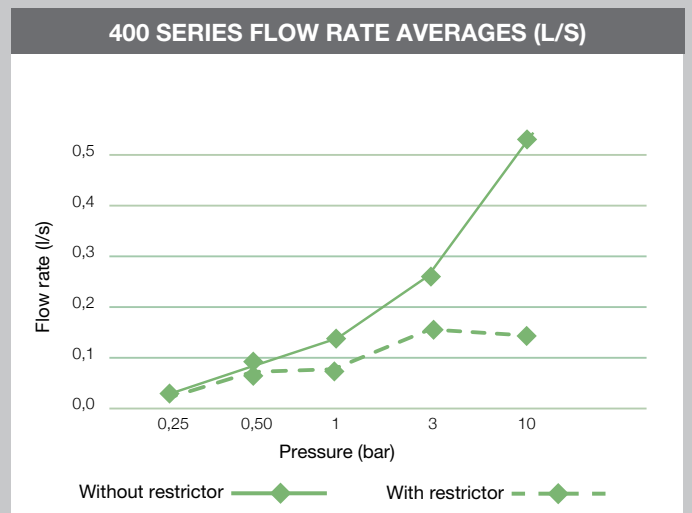
**No. 1 best selling fill valve in the world**, engineered to last and built with revolutionary, pilot fill valve technology that works with water pressure rather than against it. This bottom mount valve is highly configurable to adapt to many applications.



# FILL VALVES 400



TECHNICAL DATA	
Operating pressure	0,2 – 16 bar (0,02 – 1.6 MPa)
Sound level	Class 1
Mount position	Bottom
Connector type	Shank
Connector thread	G 3/8 (Ø 16,662 mm) and G 1/2 (Ø 20,955 mm)
Shank material	Brass, Plastic
Connector shank length	400E-025-P25 G 3/8: 43 mm 400U-026-P25 G 1/2: 50 mm 400E-027-P25 G 3/8: 43 mm
Valve height	Adjustable: 230 – 355 mm
Critical level marking	50 mm from the top of the valve
Float adjustment range	46 mm



# FILL VALVES 400



## FILL VALVE 400, brass shank G 3/8

Article no.: 400E-025-P25

EAN code: 3838912063458

Packing: 25 pcs./carton

### Purpose

Suitable for exposed plastic and ceramic flushing cistern with bottom water connection

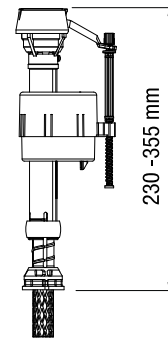
### Properties

Bottom mount valve  
Adjustable valve height (230 – 355 mm)  
Suitable for high and low pressure  
Extremely quiet operation (Class 1)  
Fast filling time  
Unique self-cleaning valve mechanism  
Fast and easy to install  
Proven and reliable quality  
Consistent performance  
Installation sheet included

### Technical specifications

Brass shank G 3/8 x 43 mm

### Technical drawing



## FILL VALVE 400, brass shank G 1/2

Article no.: 400U-026-P25

EAN code: 3838912063472

Packing: 25 pcs./carton

### Purpose

Suitable for exposed plastic and ceramic flushing cistern with bottom water connection

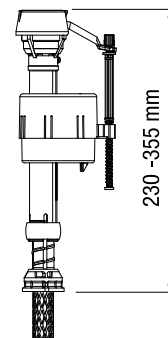
### Properties

Bottom mount valve  
Adjustable valve height (230 – 355 mm)  
Suitable for high and low pressure  
Extremely quiet operation (Class 1)  
Fast filling time  
Unique self-cleaning valve mechanism  
Fast and easy to install  
Proven and reliable quality  
Consistent performance  
Installation sheet included

### Technical specifications

Brass shank G 1/2 x 50 mm

### Technical drawing



## FILL VALVE 400, plastic shank G 3/8

Article no.: 400E-027-P25

EAN code: 3838912063465

Packing: 25 pcs./carton

### Purpose

Suitable for exposed plastic and ceramic flushing cistern with bottom water connection

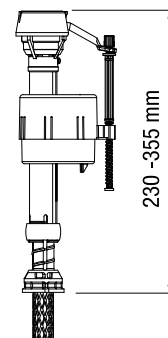
### Properties

Bottom mount valve  
Adjustable valve height (230 – 355 mm)  
Suitable for high and low pressure  
Extremely quiet operation (Class 1)  
Fast filling time  
Unique self-cleaning valve mechanism  
Fast and easy to install  
Proven and reliable quality  
Consistent performance  
Installation sheet included

### Technical specifications

Plastic shank G 3/8 x 43 mm

### Technical drawing



# FILL VALVES 400

## VALVE HEIGHT SETTING



The safety ring is released by lifting in the direction of the arrow.



The valve tube is pulled out in the direction of the arrow.



The position of the valve adjusts to the cistern.



By lowering the safety ring in the direction of the arrow, the final position of the valve is fixed.

# FLUSH VALVE 550

## 550

Fluidmaster 550 Series Dual Flush Valve is a product that enables very quick and simple installation, suitable for different ceramic cisterns that has a top, front or side button activation. Flush valve makes it simple to customize this water-saving product to work perfectly with any style and type of manufactured toilet.



# FLUSH VALVE 550



## TECHNICAL DATA

Flushing type	Dual flush
Flushing adjustment possibilities	Full flush Partial flush
Activation type	Mechanical
Adjustable overflow height	215,9 – 342,9 mm
Activation cable length	550 mm
Activation button position	Top, side or front
Outlet pipe (thread on valve outlet)	G 2 (Ø 59,614 mm)
Cistern button hole	Ø 18 – 40 mm
Fits cisterns	With hole at the bottom of the cistern Ø 60,3 – 64,4 mm

# FLUSH VALVE 550



## FLUSH VALVE 550, outlet pipe G 2

Article no.: 550B-005-P15

EAN code: 3838912063489

Packing: 15 pcs./carton

### Purpose

Suitable for ceramic monoblock cisterns

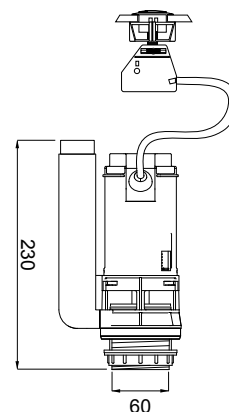
### Properties

- Dual flush valve with mechanical activation
- Full and partial flush option available
- Adjustable overflow height (215,9 – 342,9 mm)
- Cable length 550 mm for maximum flexibility
- Easily activated with dual flush button
- Possibility of installing the activation button in different positions of the cistern (top, front, side)
- For cistern button hole  $\varnothing$  18 – 40 mm
- Adjustable for many ceramic cisterns
- Long lasting silicone seal
- Robust design
- Fast and easy to install
- Proven and reliable quality
- Consistent performance
- Installation sheet included

### Technical specifications

Outlet pipe G 2

### Technical drawing



# Fluidmaster

## TECHNOLOGY

# ONLY THE BEST INSIDE



# FLUSH VALVE 550

## VALVE MAINTENANCE DISASSEMBLY



By twisting the upper part, the flush valve is easily disassembled, which allows quick and easy maintenance (access to the seal).

## OVERFLOW SETTING



Overflow height can be adjusted to the cistern.

## SMALL AND LARGE FLUSH VOLUME SETTING



Small flush

Large flush



# FLUSH VALVE 820

## 820

Fluidmaster Series 820 are high-performance dual flush valves designed for ceramic cisterns. Valves are designed to additional attachment of cistern cover to the lower part of the cistern via the activation button. These valves have a high degree of flexibility and are suitable for different flushing cisterns and different toilet bowls.



# FLUSH VALVE 820



## TECHNICAL DATA

Flushing type	Dual flush
Flushing adjustment possibilities	Full flush Partial flush
Activation type	Mechanical
Adjustable valve height	274 – 394 mm
Adjustable overflow height	113 – 230 mm
Activation button position	Top
Outlet pipe (thread on valve outlet)	G 2 (Ø 59,614 mm)
Cistern button hole	Ø 40 mm
Fits cisterns	With hole at the bottom of the cistern Ø 60,3 – 64,4 mm

# FLUSH VALVE 820



## FLUSH VALVE 820, outlet pipe G 2

Article no.: 820F-013-P15

EAN code: 3838912063526

Packing: 15 pcs./carton

### Purpose

Suitable for ceramic monoblock cisterns

### Properties

Dual flush valve with mechanical activation

Full and partial flush adjustment available

Height adjustable flush valve (274 – 394 mm)

Installation of activation button in the middle of upper part of the cistern

Diameter of activation button 38 mm

Top central button position

“Twist & Release” action for simple maintenance

Long lasting silicone seal

Fast and easy to install

Proven and reliable quality

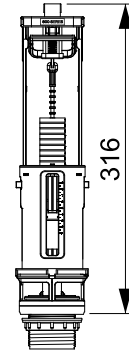
Consistent performance

Installation sheet included

### Technical specifications

Outlet pipe G 2

### Technical drawing



# FLUSH VALVE 820

## VALVE MAINTENANCE DISASSEMBLY



By twisting the upper part, the flush valve is easily disassembled, which allows quick and easy maintenance (access to the seal).

## SMALL AND LARGE FLUSH VOLUME SETTING



Small flush



Large flush



# TOILET VALVE KITS



## TOILET VALVE KITS

Fill and flush valve available in one kit. Perfect solution for everyone who is searching for quality and the best product for monoblock cisterns. Fluidmaster offers a variety of combinations to fit different needs.





**Purpose**

Suitable for concealed and exposed flushing cisterns  
Suitable for ceramic cisterns

**Properties**

- Compact and durable hydraulic filling valve
- Side mount valve
- Suitable for high and low pressure (restrictor added in the shank)
- Extremely quiet operation (Class 1)
- Short filling time
- Water level adjusting screw
- Anti-corrosion material
- Unique self-cleaning valve mechanism
- Fast and easy to install
- Proven and reliable quality
- Consistent performance
- Installation sheet included

**Technical specifications**

Brass shank G 3/8 x 39 mm



**Purpose**

Suitable for ceramic monoblock cisterns

**Properties**

- Dual flush valve with mechanical activation
- Full and partial flush option available
- Adjustable overflow height (215,9 – 342,9 mm)
- Cable length 550 mm for maximum flexibility
- Easily activated with dual flush button
- Possibility of installing the activation button in different positions of the cistern (top, front, side)
- For cistern button hole Ø 18 – 40 mm
- Adjustable for many ceramic cisterns
- Long lasting silicone seal
- Robust design
- Fast and easy to install
- Proven and reliable quality
- Consistent performance
- Installation sheet included

**Technical specifications**

Outlet pipe G 2

**KIT 747 & 550**

**FILL VALVE 747, brass shank G 3/8 + FLUSH VALVE 550, outlet pipe G 2**



Identification No.: **K-747E-035-P10**

EAN code: 3838912063557

Packing: 10 pcs./carton



**Purpose**

Suitable for concealed and exposed flushing cisterns  
Suitable for ceramic cisterns

**Properties**

- Compact and durable hydraulic filling valve
- Side mount valve
- Suitable for high and low pressure (restrictor added in the shank)
- Extremely quiet operation (Class 1)
- Short filling time
- Water level adjusting screw
- Anti-corrosion material
- Unique self-cleaning valve mechanism
- Fast and easy to install
- Proven and reliable quality
- Consistent performance
- Installation sheet included

**Technical specifications**

Brass shank G 3/8 x 39 mm

**Purpose**

Suitable for ceramic monoblock cisterns

**Properties**

- Dual flush valve with mechanical activation
- Full and partial flush adjustment available
- Height adjustable flush valve (274 – 394 mm)
- Installation of activation button in the middle of upper part of the cistern
- Diameter of activation button 38 mm
- Top central button position
- “Twist & Release” action for simple maintenance
- Long lasting silicone seal
- Fast and easy to install
- Proven and reliable quality
- Consistent performance
- Installation sheet included

**Technical specifications**

Outlet pipe G 2

**KIT 747 & 820**

**FILL VALVE 747, brass shank G 3/8 + FLUSH VALVE 820, outlet pipe G 2**



Identification No.: **K-747E-034-P10**

EAN code: 3838912063540

Packing: 10 pcs./carton

# WHY FLUIDMASTER?



Preferred by professional plumbers worldwide



Anti-siphon prevents contamination



For high & low pressure



Ultra quiet



Fast refill



Unique snap release for easy access & maintenance



Long life performance



10 years guarantee



Identification no.

EAN code

Shank

Connection to water

Type

Noise level

Water level adjustable








For high and low pressure

New fill valve program replaces the previous

Old versions of fill valves (Ident. No.)



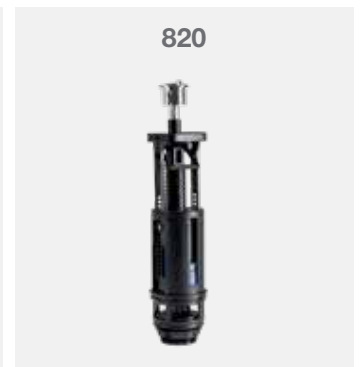
# FILL VALVES OVERVIEW

747 G 3/8 brass	747 G 1/2 brass	HDV G 3/8 brass	HVK G 3/8 brass	400 G 3/8 brass	400 G 1/2 brass	400 G 3/8 plastic
						
<b>747E-037-P20</b>	<b>747U-038-P20</b>	<b>229109</b>	<b>8035432795</b>	<b>400E-025-P25</b>	<b>400U-026-P25</b>	<b>400E-027-P25</b>
3838912063502	3838912063519	3838912011916	8711778074460	3838912063458	3838912063472	3838912063465
G 3/8 brass	G 1/2 brass	G 3/8 brass	G 3/8 brass	G 3/8 brass	G 1/2 brass	G 3/8 plastic
side	side	side	side	bottom	bottom	bottom
hydraulic	hydraulic	mechanical	hydraulic	hydraulic	hydraulic	hydraulic
Class 1	Class 1	Class 1	Class 1	Class 1	Class 1	Class 1
✓	✓	✓	✓	✓	✓	✓
0,2 – 16 bar	0,2 – 16 bar	0,1 – 10 bar	0,5 – 10 bar	0,2 – 16 bar	0,2 – 16 bar	0,2 – 16 bar

old versions:

<b>747EL01</b>	<b>747FL</b>	<b>X</b>	<b>X</b>	<b>400EL01</b>	<b>400F</b>	<b>X</b>
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# FLUSH VALVES OVERVIEW



<b>Ident. No.</b>	<b>550B-005-P15</b>	<b>820F-013-P15</b>
<b>EAN code</b>	3838912063489	3838912063526
<b>Flushing type</b>	dual flush	dual flush
<b>Flushing adjustment possibilities</b>	full flush, partial flush	full flush, partial flush
<b>Activation type</b>	mechanical	mechanical
<b>Activation button position</b>	top, side or front	top
<b>Cistern button hole</b>	Ø 18 – 40 mm	Ø 40 mm
<b>Outlet pipe (thread on valve outlet)</b>	G 2 (Ø 59,614 mm)	G 2 (Ø 59,614 mm)
<b>Fits cisterns</b>	with hole at the bottom of the cistern Ø 60,3 – 64,4 mm	with hole at the bottom of the cistern Ø 60,3 – 64,4 mm





A GLOBAL FAMILY OF BRANDS



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