

FLUSH & FLOW - THE ADVANCED CISTERN SYSTEM



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PIPELIFE 
always part of your life

FUNCTIONAL AND RELIABLE DESIGN

Pipelife's Flush & Flow line of cistern systems offers the perfect combination of professional and economical solutions for your bathroom and toilet needs.

Invisibly embedded in the bathroom's wall structure and due to the variety of flush plates we offer, our system is aesthetically compatible with the bathroom design of your choice and is the perfect solution for your needs. The smooth and reliable operation, easy installation and a minimum 25-year availability of spare parts are just some of our key advantages.

Our various cisterns can be installed in different environments, depending on the respective requirements. To encourage environmental protection and water saving, we also offer an ecological version of our flushing cistern setting the flushing water volume from 2 to 6 litres.

Cisterns highlights

Pre-wall installation cistern

Slim pre-wall installation cistern

Concealed installation cistern

Flush plates

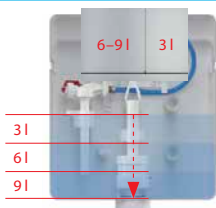
Spare parts and accessories

CISTERNS HIGHLIGHTS



Flush plates compatibility

All our flush plates are fully compatible with the various cisterns we offer.



Dual Flush

Dual flush 3/6 l with a hygienic reserve: The volume of water in the cistern: 9 l

Small flush: 3 l; Large flush: 6 l; Hygienic reserve: 3 l

After the large flush a reserve of three liters remains for immediate additional rinsing.



Ecological flushing

Our pre-wall installation systems AP-WC1020 and AP-WC1010 can easily be converted to an ecological version by replacing the standard flushing valve with the AP-AV06E ecology valve. The flushing volume can then be adjusted from 2 to 6 litres.



Water flow control

To avoid unwanted splashing during flushing, the flow dynamics of the water can be modified by applying various water flow control inserts. The reduction is suitable for all types of pre-wall installation systems, flushing valves and cisterns, except our slim version AP-WC1020SL. Water flow speed regulators can be ordered separately.



Cistern made from one piece

As the water cistern is made from one piece, due to absence of welding seams, it ensures its absolute tightness and impermeability. The tightness of each single cistern is controlled by air pressure. The use of high-quality Polyethylene (PE) ensures long-term stable characteristics and durability.



Feet lock system

The feet lock system is adjusted perfectly to allow easily setting the required height of the frame profile, keeping the set position to enable easy tightening in the final position. This allows for one-man installation and high accuracy of the height adjustment.



Template for correct flush plate installation

Every flush plate comes with a template that will allow you to set the flush mechanism to achieve the perfect functioning.



Snap-on installation frame

Very quick installation of the sleeve frame to the reservoir by simply snapping it on. This frame can also be used when installing into plasterboard.



Shock absorbing control mechanism

The clever control mechanism between the flush plate and flushing valve minimizes the noise effect of the flush plate when flushing, as the screws that come into contact with the flush plate are covered with soft tips, absorbing shocks generated by pressing the flush plate.



Sliding rail holder for waste water pipe connector

Due to the sophisticated fixation, the waste pipe connector can be moved horizontally and its depth can be modified with respect to the frame in eight positions up to 93 mm. This significantly facilitates installation and makes it much easier to mount different types of toilet bowls.



Water supply pipe with o-ring

The installation of the flexible hose and the fill valve can be accomplished without tools thanks to the bayonet system. Tightening by hand is totally sufficient.



Simple set up

For facility of installation, to avoid mistakes and speed up the installation process, all components that require to be fixed, adjusted or set up in the system are colored in red.



Few installation tools

To keep the variety of needed tools on a low level, the sizes of the bolt heads are unified for the pre-wall cisterns and require only one wrench size to install the whole system.



25-year availability of spare parts

We guarantee 25 years of spare parts availability to ensure life-long service for our products.



Optional additional accessories

Every product package contains a complete set of installation accessories needed to mount and install the products. Additional accessories are available on request.

PRE-WALL INSTALLATION CISTERN

AP-WC1020 for dry wall built-in (plasterboard)

AREA OF APPLICATION

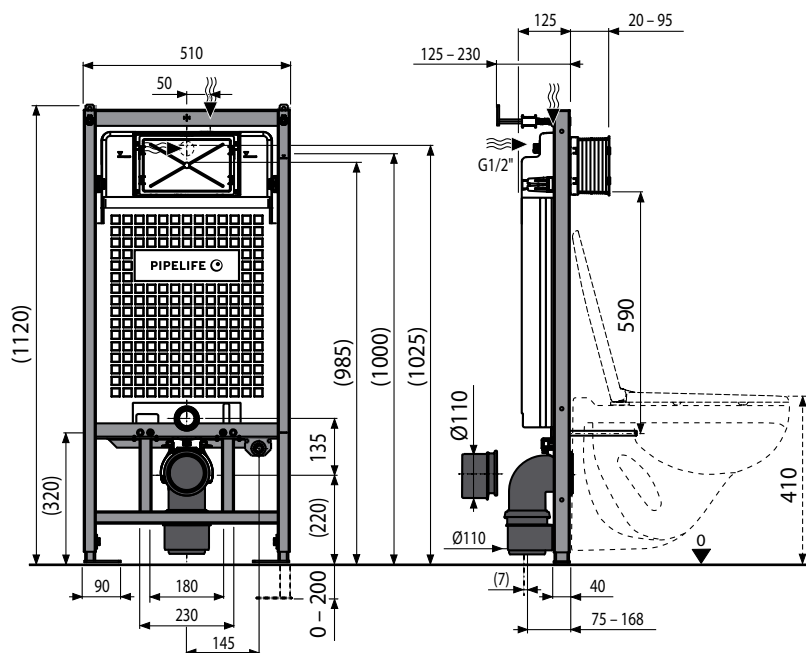
- for wall-hung WC
- for mounting in front of a support wall or into a plasterboard construction
- for floor thickness 0 – 200 mm
- for installation of wall-hung WC pans with a connecting pitch of 180 or 230 mm

TECHNICAL SPECIFICATION

Water connection from the back or top via mounting holes:	G1/2"
Functional range of water pressure:	0,05 – 0,8 MPa
Recommended range of water pressure:	0,3 – 0,5 MPa
Big flush:	6 – 9 l
Small flush:	2,5 – 3,5 l
The default setting of large flush:	6 l
The default setting of small flush:	3 l
Hygienic reserve:	3 l
Water volume in the cistern:	9 l
Max. load:	400 kg

IN THE PACKAGE

- Cistern with fill and flush valve
- Self-supporting frame
- Fittings 1/2" water connection with the integrated angle valve Schell 1/2 – 3/8"
- Flushing mechanism screw 2 pcs
- Fixation set: screw Ø8×60 – 4 pcs, dowel Ø12 – 4 pcs
- Fixation material for fixing the WC pan: threaded rod M12 – 2 pcs, washers – 4 pcs, cover – 2 pcs, nut – 2 pcs, thread protector – 2 pcs
- Elbow waste connector HT 90/110 polyethylene, PE-HD
- Inlet seal, PP outlet, wrapping seal
- Drainage seal, PP connector, connector seal
- End-cap set for protecting the connecting holes during installation of the system



PRODUCT SPECIFICATION

- Adjustable anchor feet and a spring-lock system, with a range of 0 – 200 mm
- Angle valve for the water connection
- Visible marks for both leveling and the centerline
- Sliding rail holder for the waste connector can be set to eight positions between 0 – 93 mm
- Angle valve with the ability to connect to the piping system
- The frame allows anchoring to a separate sufficiently strong plasterboard partition in front of the bearing wall
- The installed module is covered with a plasterboard panel and there is no need for any additional fixing or anchoring elements
- The construction of polystyrene insulation prevents condensation forming on the surface of the tank and dampens the vibrations from the tank into the building structure
- Prepared for connecting a bracket with a DG 1/2" conversion for bidet seats and sprays
- Dual flush independently adjustable with hygienic reserve
- Suitable for installation of remote or sensor flushing (available on request)
- Compatible with all our flush plates
- Maintenance work without using any tools
- Water supply from the rear/top
- The cistern is made of one piece, 100% leakproof
- The service opening cover simplifies assembly and prevents the penetration of moisture and impurities
- Installation depth of the flush plate adjustable from 20 – 95 mm
- Installation depth 125 – 230 mm
- Frame material: powder-coated metal
- Applicable norms: EN14124, EN4055



SLIM PRE-WALL INSTALLATION CISTERN

AP-WC1020SL for dry wall built-in (plasterboard)

AREA OF APPLICATION

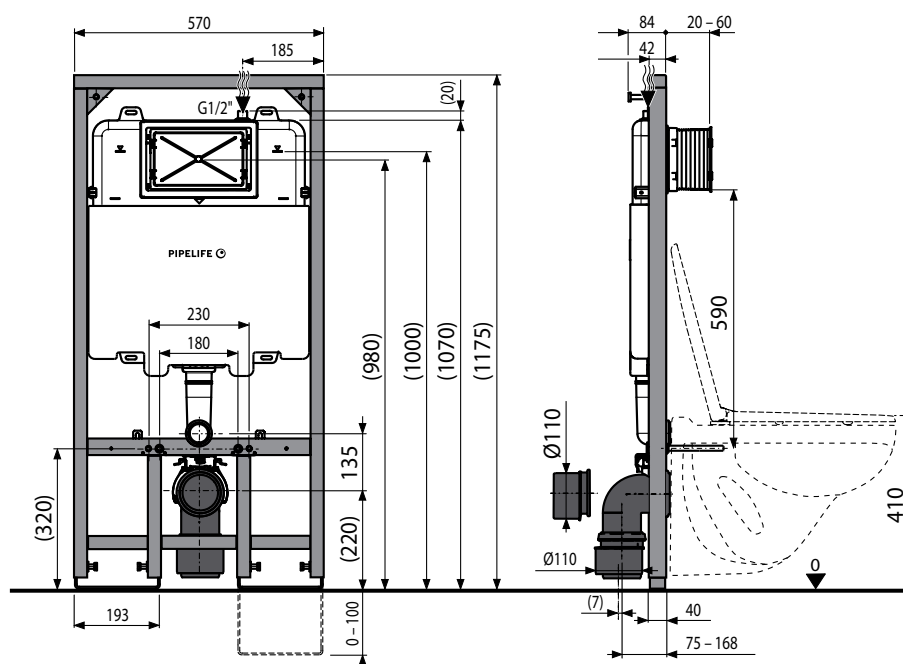
- for wall-hung WC
- for installation in front of a support wall or into a plasterboard construction
- for floor thickness 0 – 100 mm
- for installation of wall-hung WC pans with a connecting pitch of 180 or 230 mm

TECHNICAL SPECIFICATION

Water connection from the back or top via mounting holes: G1/2"	
Functional range of water pressure:	0,05 – 0,8 MPa
Recommended range of water pressure:	0,3 – 0,5 MPa
The default setting of large flush:	6 l
The default setting of small flush:	3 l
Hygienic reserve:	3 l
Water volume in the cistern:	9 l
Max. load:	400 kg

IN THE PACKAGE

- Cistern with fill and flush valve
- Self-supporting frame
- Fittings 1/2" water connection with the integrated angle valve Schell 1/2 – 3/8"
- Flushing mechanism screw 2 pcs
- Fixation set: screw Ø8×60 – 8 pcs, dowel Ø12 – 8 pcs
- Fixation material for fixing the WC pan: threaded rod M12 – 2 pcs, washers – 4 pcs, cover – 2 pcs, nut – 2 pcs, thread protector – 2 pcs
- Waste elbow SLIM HT 90/90/110
- Inlet seal, PP outlet, wrapping seal
- Drainage seal, PP connector, connector seal
- End-cap set for protecting the connecting holes during installation of the system



PRODUCT SPECIFICATION

- Visible marks for both leveling and the centerline
- Angle valve for the water connection
- The frame allows anchoring to a separate sufficiently strong plasterboard partition, in front of the bearing wall
- The installed module is covered with a plasterboard panel and there is no need for any additional fixing or anchoring elements
- The construction of polystyrene insulation prevents condensation forming on the surface of the tank and dampens the vibrations from the tank into the building structure
- Dual flush independently adjustable with hygienic reserve
- Compatible with all our flush plates
- Maintenance work without using any tools
- Water supply from the rear/top
- The cistern is made of one piece, 100% leakproof
- The service opening cover simplifies assembly and prevents the penetration of moisture and impurities
- Installation depth of the flush plate adjustable from 20 – 60 mm
- Installation depth 84 mm
- Adjustable telescopic feet, range 0 – 100 mm
- Frame material: powder-coated metal
- Applicable norms: EN 14124, EN 14055



CONCEALED INSTALLATION CISTERN

AP-WC1010 for solid wall built-in

AREA OF APPLICATION

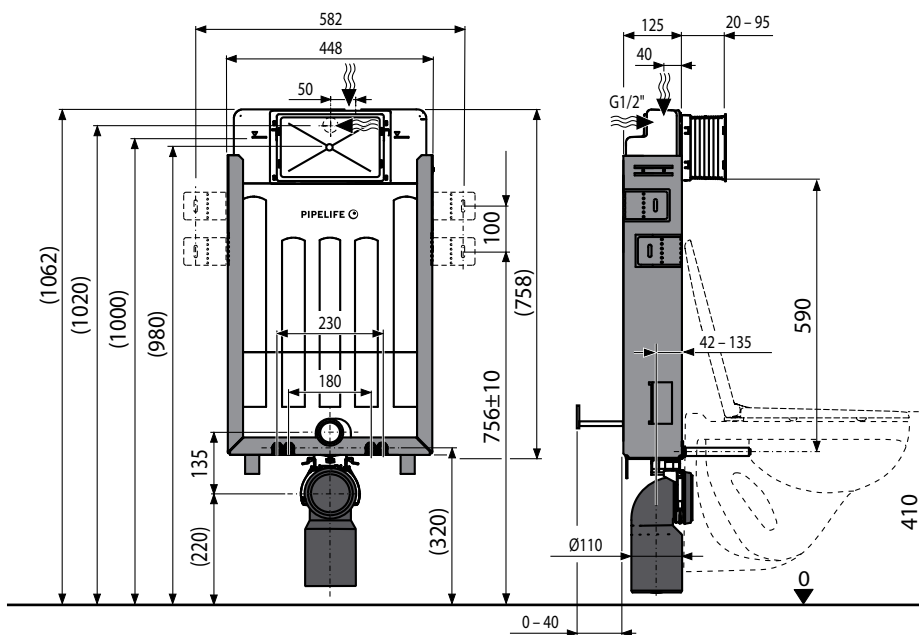
- for wall-hung WC
- for walling in and around the bearing wall – wet process
- suitable for reconstruction
- for installation of wall-hung WC pans with a connecting pitch of 180 or 230 mm

TECHNICAL SPECIFICATION

Water connection from the back or top via mounting holes:	G1/2"
Functional range of water pressure:	0,05 – 0,8 MPa
Recommended range of water pressure:	0,3 – 0,5 MPa
Big flush:	6 – 9 l
Small flush:	2,5 – 3,5 l
The default setting of large flush:	6 l
The default setting of small flush:	3 l
Hygienic reserve:	3 l
Water volume in the cistern:	9 l
Max. load:	400 kg

IN THE PACKAGE

- Cistern with fill and flush valve
- Galvanized frame including supporting structure
- Fittings 1/2" water connection with the integrated angle valve Schell 1/2 – 3/8"
- Flushing mechanism screw 2 pcs
- Fixation set: screw Ø8×60 – 4 pcs, dowel Ø12 – 4 pcs
- Fixation material for fixing the WC pan: threaded rod M12 – 2 pcs, washers – 4 pcs, cover – 2 pcs, nut – 2 pcs, thread protector – 2 pcs
- Elbow waste connector HT 90/110 polyethylene, PE-HD
- Inlet seal, PP outlet, wrapping seal
- Drainage seal, PP connector, connector seal
- End-cap set for protecting the connecting holes during installation of the system



PRODUCT SPECIFICATION

- Sliding rail holder for the waste connector can be set to eight positions between 0 – 93 mm
- Angle valve for the water connection
- This technical solution allows anchoring to an uneven surface of the back wall where a cut out was made, in the range of 50 mm
- Galvanized support structure with four hinged brackets for easy installation
- The construction of the polystyrene insulation simplifies the process of walling, prevents condensation forming on the surface of the tank and dampens the vibrations from the tank into the building structure
- Dual flush independently adjustable with hygienic reserve
- Compatible with all our flush plates
- Maintenance work without using any tools
- Water supply from the rear/top
- Removable piece of polystyrene allows for easy access during installation
- Prepared for connecting a bracket with a DG 1/2" conversion for bidet seats and sprays
- Suitable for installation of remote or sensor flushing (available on request)
- The cistern is made of one piece, thus ensuring 100% impermeability
- The service opening cover simplifies assembly and prevents the penetration of moisture and impurities
- Mounting height 1.062 mm
- Installation depth of the flush plate adjustable from 20 – 95 mm
- Installation depth 125 mm
- Material of the load bearing structure: galvanized metal
- Applicable norms: EN 14124, EN 14055



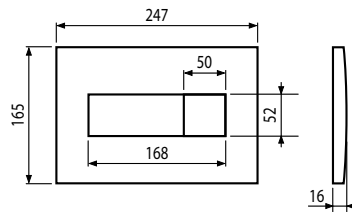
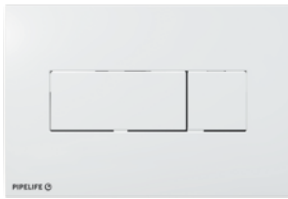
FLUSHING PLATES

APPLICATION

- for pre-wall installation systems and concealed WC cisterns

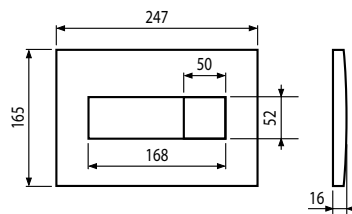
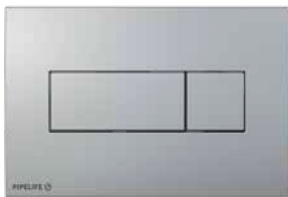
TECHNICAL SPECIFICATION

Operating force: < 20 N



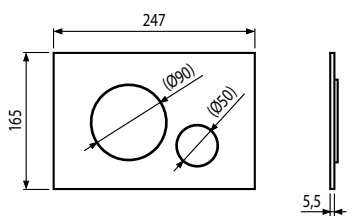
AP-DP370

- Double-acting mechanical flushing
- Compatible with all our pre-wall installation systems and cisterns for building into solid walls
- Surface finish: white
- Material: plastic



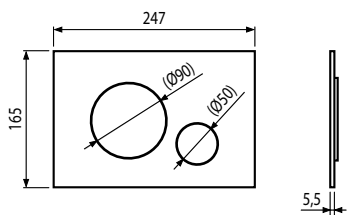
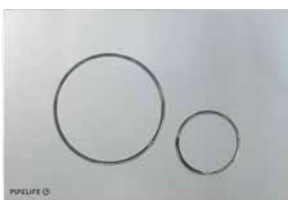
AP-DP372

- Double-acting mechanical flushing
- Compatible with all our pre-wall installation systems and cisterns for building into solid walls
- Surface finish: chrome-matt
- Material: plastic



AP-DP670

- The flush plate stands out only 5.5 mm above the tiles
- Double-acting mechanical flushing
- Compatible with all our pre-wall installation systems and cisterns for building into solid walls
- Surface finish: white
- Material: plastic

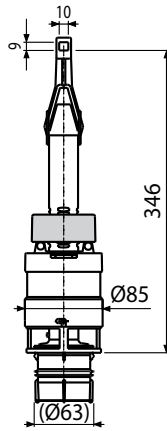


AP-DP672

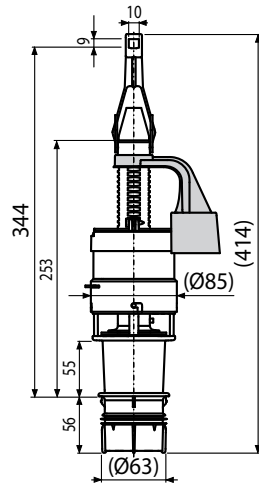
- The flush plate stands out only 5.5 mm above the tiles
- Double-acting mechanical flushing
- Compatible with all our pre-wall installation systems and cisterns for building into solid walls
- Surface finish: white
- Material: plastic

Flushing plates of other design and material are available on request. Please contact your Pipelife representative for further details.

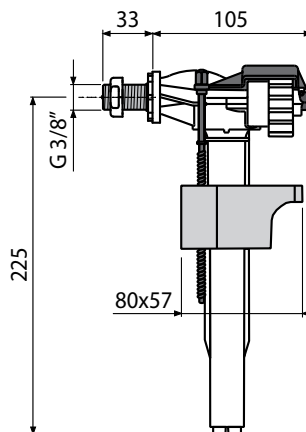
SPARE PARTS AND ACCESSORIES



AP-AV06
Flushing valve



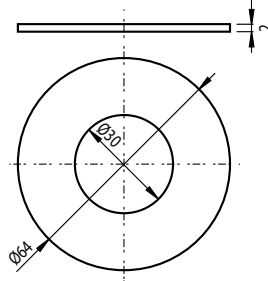
AP-AV06E
Flushing valve ecology



AP-FV16M3/8
Filling valve 3/8"

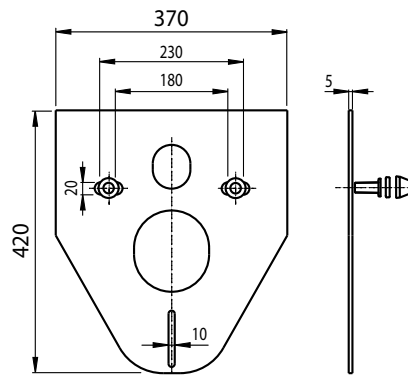
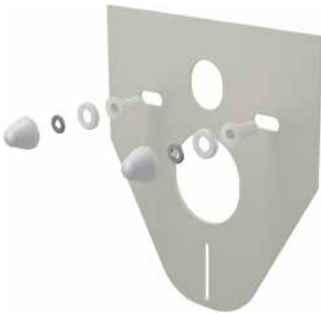
For additional accessories and spare parts please contact your Pipelife representative.

SPARE PARTS AND ACCESSORIES



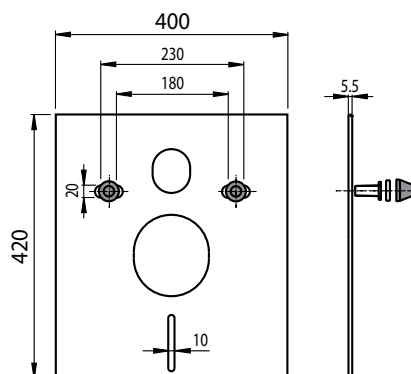
AP-V0015ND

Flushing valve seal



AP-SS910

Noise insulation pre-cut



AP-SS930

Noise insulation – sliceable

