



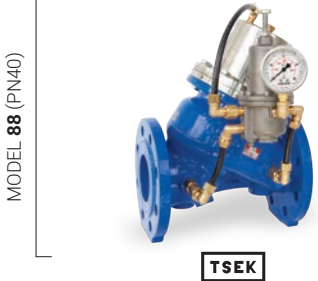
we care about the world

60
COUNTRIES

2000
PRODUCTS

64.000 m²
PRODUCTION PLANT

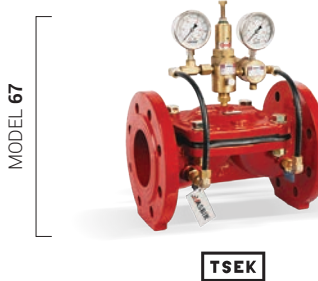
250
EMPLOYEES



800 SERIES

Asbir 800 series automatic hydraulic control valves are designed in the "Y" body model type so as to show maximum resistance to cavitation under minimum head loss in high flow rates. Asbir 800 series automatic hydraulic control valves are double-chamber diaphragm actuated and disc closed type. Valve has a standard double control chamber.

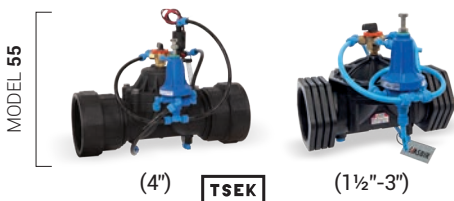
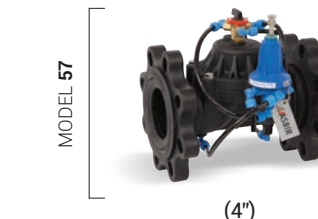
- Body** : Ductile Iron (GGG50)
- Available Sizes** : 1½" (40 mm) - 16" (400 mm)
- Available Connection Types** : Flanged (ISO - ANSI)
- Available Pressure Norms** : PN16 - PN25 - PN40
- Max. Operation Temperature** : 80 °C



600 SERIES

Asbir 600 series valves are the direct diaphragm closing automatic hydraulic control valves which work with line pressure. It ensures easy and smooth flow with minimum pressure losses thanks to excellent design of valve body and diaphragm.

- Body** : Ductile Iron (GGG40) - Cast Iron (GG25)
- Available Sizes** : 1½" (40 mm) - 12" (300 mm)
- Available Connection Types** : Threaded, Flanged, Grooved End
- Available Pressure Norms** : PN10 - PN16 - PN25
- Max. Operation Temperature** : 80 °C



500 SERIES

Asbir 500 series valves are direct diaphragm closing automatic hydraulic control valves which work with line pressure. They ensure easy and smooth flow with minimum pressure losses thanks to excellent design of valve body and diaphragm.

- Body** : Polyamide
- Available Sizes** : 1½" (40 mm) - 4" (100 mm)
- Available Connection Types** : Threaded (BSP - NPT), Flanged
- Max. Operation Pressure** : 10 Bar - 145 PSI

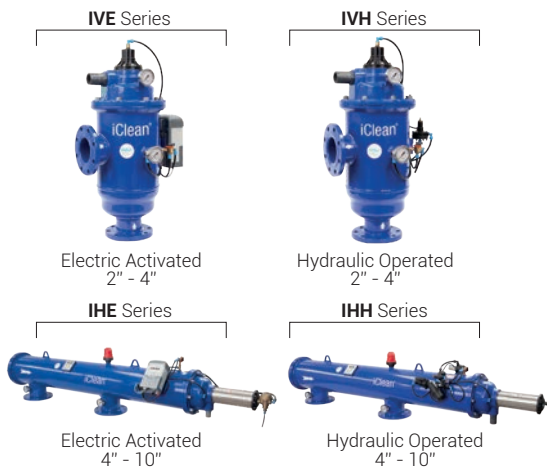
BACK FLUSHING VALVES

Backflushing control valves are the 3-way control valves which are operated by line pressure or an external pneumatic pressure. Valve works in filtration and back flushing mode as coordinated with filter elements in the system.



- Body** : Ductile Iron (GGG40)
- Available Sizes** : 2" (50 mm) - 4" (100 mm)
- Available Connection Types** : Threaded (BSP - NPT), Flanged, Grooved End
- Max. Operation Pressure** : 10 Bar - 145 PSI





iClean® AUTOMATIC SCREEN FILTERS

iClean® Automatic Screen Filter is the ideal solution for agricultural and municipal filtration due to its large filtration area, reliable operation mechanism and simple structure. iClean® Automatic Screen Filter works on differential pressure and cleans itself automatically without any external intervention. iClean® Automatic Screen Filter has electronically activated models besides hydraulically controlled models. Due to suction nozzles, cleaning is achieved with little water consumption. Besides the standart 130 micron filter size, different screen sizes are available for different dirt levels.

- Body** : Polyester Coated Carbon Steel
- Available Sizes** : 2" (50 mm) - 10" (250mm)
- Flow Capacities** : 25 m³/h - 400 m³/h
- Available Connection Type** : Flanged (ISO - ANSI)
- Max. Operation Pressure** : 8 bar (116 PSI)
- Min. Operation Pressure** : 2.5 bar (36 PSI)
- Filtration Degree** : 130 micron (120 mesh)

iClean® AUTOMATIC DISC FILTERS

iClean® Fully Automated Plastic Disc Filter is constructed by assembling many tiny synthetic disc manufactured from polypropylene material on filter body with telescopic structure. It is designed to perform a deep filtration based on desired micron level found on both sides of synthetic discs and inter-sectioning of channels designed in crosswise manner. A class patent was registered by European Patent Institute because of back-flushing pressure is 1 bar.



- Body** : Polyamide
- Available Sizes** : 3" (80 mm)
- Available Connection Type** : Grooved End
- Max. Operation Pressure** : 8 bar (116 PSI)
- Min. Operation Pressure** : 1 bar (14.5 PSI)
- Filtration Degree** :
 - 100 micron
 - 130 micron
 - 200 micron

GRAVEL (SAND-MEDIA) FILTERS

Gravel filters are designed to be used in filtration of river, lake, pool water and water resources containing organic materials such as lichen and alga is over 15 m³/h implicating that they are rapid filters. The outstanding advantage of the gravel filters against other types of filters is about maximum filtration efficiency due to deep filtration. Asbir Gravel Filters are designed to provide ease of use, maximum filtration efficiency and less maintenance due to simple structure and thus, they are offered to the users.



- Body** : Polyester Coated Carbon Steel
- Available In / Out Sizes** : 2" (50 mm) - 4" (100mm)
- Available Tank Sizes** : 20" (500 mm) - 48" (1200 mm)
- Available Connection Type** : Threaded (BSP - NPT), Flanged, Grooved End
- Max. Operation Pressure** : 8 bar (116 PSI)
- Sand** : Basalt or Quartz

HYDROCYCLONE (SAND SEPARATOR)

Asbir Hydrocyclones are designed in simple structure to be used in the filtration of well water or other water sources containing sand, gravel or particles heavier than the water. Due to simple structure, it is more economic and easy to use relative to other sand separators.



- Body** : Polyester Coated Carbon Steel
- Available In / Out Sizes** : 2" (50 mm) - 8" (200mm)
- Available Connection Type** : Threaded (BSP - NPT), Flanged, Grooved End
- Max. Operation Pressure** : 8 bar (116 PSI)

SUCTION FILTERS

Suction filter is designed to protect the pumps from debris and foreign matters. It is generally used in water sources containing alga, debris, and other heavy wastes. It is connected to pump suction and submerged into water (river, lake, reservoir, etc.)



- Body** : Polyester Coated Carbon Steel
- Available In / Out Sizes** : 4" (100 mm) - 12" (300 mm)
- Available Connection Type** : Threaded (BSP - NPT), Flanged, Grooved End
- Max. Operation Pressure** : 8 bar (116 PSI)
- Filtration Degree** : 5000 micron

PLASTIC AIR VALVES

Asbir Plastic Air Valves are designed for an efficient discharge of large air volumes from small water network systems, filters, containers, and other devices where trapped air may impair the system's operation. The valve is appropriate for: Expelling the air at high flow velocity during the initial filling of the systems.





- Body** : Polyamide
- Available Sizes** : ½" - ¾" - 1" - 2"
- Available Connection Type** : Threaded (BSP - NPT)
- Max. Operation Pressure** : 10 Bar - 145 PSI

ASBİR®

we care about the world

Kos Bölgesi İhsan Dede Cad. 12. Sk. No:8
Selçuklu / Konya / Türkiye
(+90) 332 236 01 22 • info@asbir.com.tr
asbir.com.tr

 AsbirCompany

 AsbirCompany

 company/asbircompany



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