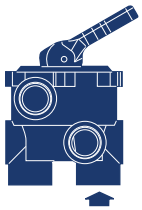
Description: AUTOMATIC MULTIPORT VALVE
Multiport valve for AstralPool filters, usually used in a swimming pool to choose different functions of the filtration system: filtration, emptying, closing, back-washing, recirculation and rinsing.
Maximum working pressure: 3,5 bar
Material: ABS - **Distributor:** PPO - **Gaskets:** EPDM

MODEL	SYSTEM VRAC BASIC III - AUTOMATIC w/analog pressure sensor
ASSEMBLY	Side mount / Installation couplings included, but not assembled (o-rings for connection to filter included)
POSITION	P3
STANDARD	BSP threads
SPECIAL	

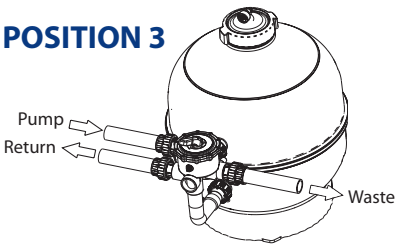


POSITION 3

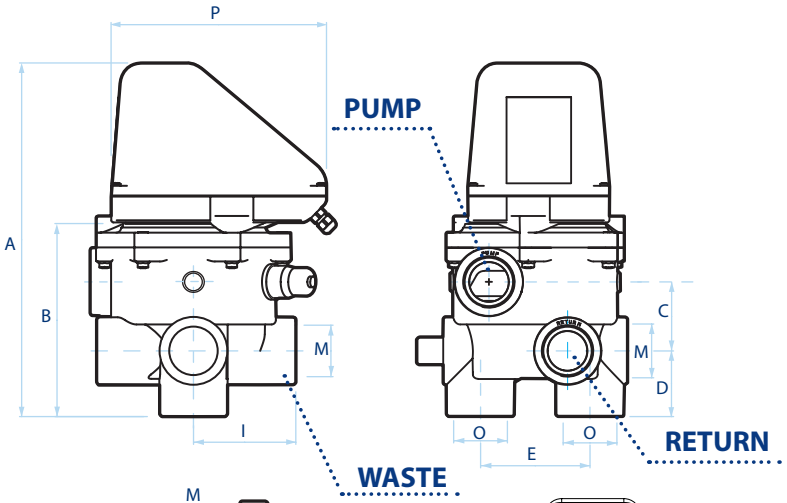


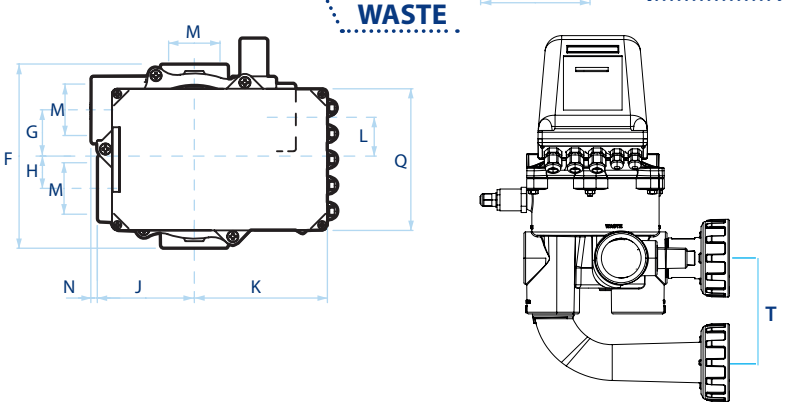
The arrows indicate the sense of flow in Filtration position

POSITION 3



DIMENSIONS

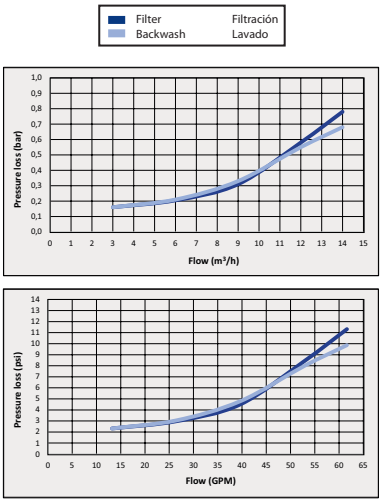




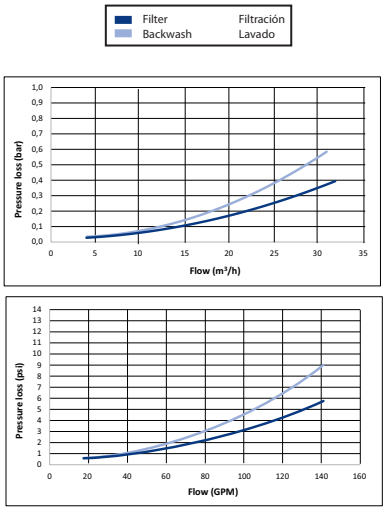
	PUMP	RETURN	WASTE	TOP 1	BOTTOM 2
1½"	1½" BSP	1½" BSP	1½" BSP	1½" BSP	Ø50 mm
2"	2" BSP	2" BSP	2" BSP	2" BSP	Ø63 mm

PRESSURE LOSS

Valve 1½"
Válvula 1½"



Valve 2"
Válvula 2"



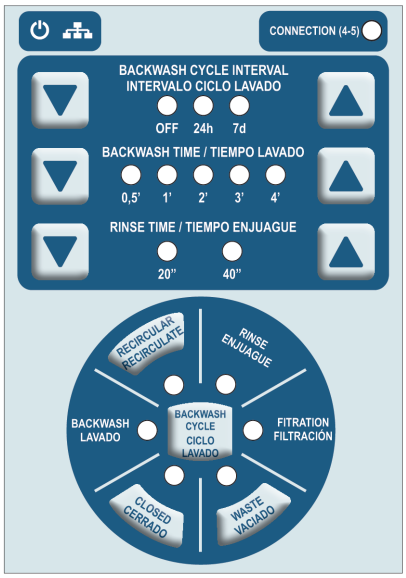
CODE	SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
77774	**1½"**	330	180	64	61	101,5	172	43	30	95	90	124	31	1½"	6	50	200	132	96	211	125
77775	**2"**	365	211	76	62,5	127	237	42	31,5	115,5	105,5	125	31,5	2"	5	63	200	132	96	247	230

Materials:

- Valve body: ABS.
- Internal distributor: PPO.
- Spring: AISI-302 coated stainless steel. Screws: AISI-316 stainless steel.

Technical characteristics:

- Maximum working pressure: 350 kPa (3.5 bar).
- Maximum service life: 5,000 washing and rinsing programmes.
- Temperature range: 5 - 35 ºC.
- Degree of protection of the electronic module: IP-65.
- Maximum power = 35 W.
- Power supply: 115 - 230 VAC (50-60 Hz).
- Maximum expected height use of 2,000 m above sea level.
- Pressure switch range: from 30 to 200 kPa (0,3 - 2 bar / 4.2 – 28.4 psi),
- Pressure switch factory settings: operating pressure of 200 kPa (2 bar) (29 psi)



Connections:

Connection of the PUMP, RETURN and WASTE openings through BSP female threads. Only a lateral connection to the filter is provided, using a connection kit that must be glued to the BOTTOM port and threaded to the TOP port.

Control:

Includes an integrated programmable keypad which permits access to the system in order to perform the following operations:

- **Filtration.** Starts up when it receives the instruction from the timer installed in the control panel or any external programmed instruction.
- **Backwash.** Starts up manually (button) or automatically on receiving a signal from the pressure switch or with the time selected in the keypad. The pressure switch determines the saturation pressure of the filter and therefore when it is necessary to carry out a washing and rinsing process of the filter. A new specific regulation of the pressure switch should be carried out for each installation so that the operating system to wash the filter is correct. If the pressure exceeds the pre-established limit, the valve will automatically change position to start a washing and rinsing cycle. This cycle can also be automatically time controlled, after 24 hours or 7 days from when the last wash was carried out, as long as the valve is connected to the electricity.
- **Rinse.** Begins automatically after each backwash cycle.
- **Circulation.** Push-button to activate this function.
- **Close.** Push-button to isolate the pump inlet to the outlets.
- **Drainage.** Push-button operated, which positions the valve. This must be confirmed via the control box. This element prevent
  accidental emptying of pool.
- **Backwash.** push button and informative LED.

- This version of the valve can be configured and used remotely using the Fluidra Pool app. To use the app, you must first add and connect the IQBridge RS device (not included with the valve).
- The IQBridge RS must be connected using the additional cable included in the valve packaging, following the electrical connection diagram.
- With the Fluidra Pool app you are able to:
  Set up the backwashing pressure inmediatly and easily
  Know the filter pressure in every moment
  Activate manually (remotely) the valve functions



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