

Technical Data

Toro > Electrovalves

> 252 Series



	mm		
	1"	1½"	2"
Hei.	171	197	241
Wid.	114	152	178

DESCRIPTION:

Technical specifications

- Recommended flow range:
 - 1": 18,9 ÷ 75,7 l/min
 - 1½": 94,6 ÷ 264,9 l/min
 - 2": 227,1 ÷ 340,6 l/min
- Operating pressure: 1,3 ÷ 10,3 bar
- Solenoid: 24 V CA, 50/60 Hz
- Absorption at starting: 0,30 A - 7,20 VA
- Absorption in steady state: 0,20 A - 4,80 VA
- Resistance to failure: 51,7 bar

Exclusive features

- Both in-line and in-line/angle configuration in one valve
- Manual flow regulation
- Manual device for venting into the atmosphere
- Electric cables 60 cm 40 mm and 50 mm or 45 cm electric 25 mm
- Stainless steel needle for cleaning the loading orifice (electric models)
- Sturdy glass fiber reinforced lid
- Membrane built in one piece

Available options

- 89-7855 – Non-potable water indicator flow adjustment knob

PRESSURE DROP OF SERIES 252 VALVES - MH2O

Ø	Command	Con-fig.	Flow rate l/min												
			25	50	75	100	125	150	175	200	250	300	400	500	700
1½"	Hydraulic	In line				0,07	0,09	0,14	0,18	0,23	0,34	0,44	0,78	1,06	
1½"	Hydraulic	Angle				0,07	0,08	0,10	0,10	0,13	0,25	0,34	0,56	0,93	
2"	Hydraulic	In line									0,14	0,17	0,27	0,43	0,61
2"	Hydraulic	Angle									0,07	0,13	0,23	0,30	0,37
1"	Electric	In line	0,20	0,30	0,34	0,42	0,53	0,65							
1"	Electric	Angle	0,20	0,26	0,31	0,32	0,40	0,51							
1½" equipped with filter	Electric	In line				0,10	0,11	0,14	0,18	0,23	0,32	0,47	0,84	1,20	
1½" equipped with filter	Electric	Angle				0,09	0,08	0,10	0,12	0,16	0,21	0,33	0,52	0,70	
2" equipped with filter	Electric	In line									0,14	0,17	0,28	0,45	0,61
2" equipped with filter	Electric	Angle									0,07	0,13	0,23	0,30	0,37

Note: when designing an irrigation system, take into account the total head loss to ensure sufficient downstream pressure for the proper functioning of the sprinklers - for optimal regulation performance, choose the valve in anticipation of the highest flow range - it is recommended that the flow rate does not exceed a pressure drop of 0,3 bar

Code	Command	Connections	Regulator	Box
OVA005	24V 50Hz	1½" F/F	Yes	10
OVA007	24V 50Hz	2" F/F	Yes	10

> Pressure Control and Measurement

Code	Description	Bar
OAC070	Pressure detection kit	

