Angle Seat Valve

1", 1½" & 2"

Angle Seat Valves are designed for high-flow applications where traditional ball valves and other irrigation valves face installation and operational challenges. Built from durable engineering grade plastic, the valve offers smooth operation, reliable performance and easy maintenance in both horizontal and vertical installations thus making them ideal for demanding irrigation systems.

HIGHLIGHTS

- **Durable Construction:** Engineered from high-strength plastic for durability and long-lasting performance.
- **Corrosion and UV Resistant:** Designed to withstand harsh chemicals and UV exposure for outdoor use.
- **Smooth Operation:** Features a multi-turn linear motion internal assembly with an easy-to-use throttle wheel.
- **No Leakage:** Ensures drip tight sealing when fully closed.
- **Versatile Installation:** Suitable for both horizontal and vertical line installations.

APPLICATIONS

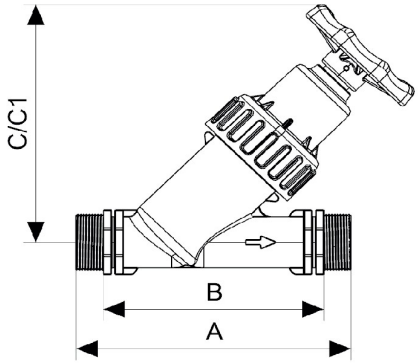
- Underground Valve Box : Perfect for installations in valves boxes, where ease of installation, operation and maintenance are required.
- High-Flow Irrigation Systems: Full bore offers high flow capacity.

Technical Data

Models		AQ-192	AQ-193	AQ-194
Inlet /Outlet Connection		1", 1½" & 2" Male Threaded (BSP / NPT)		
Maximum Working Pressure	BAR	10		
	PSI	145		
Material of Construction		Polypropylene		
Seal Material		NBR		
Operation Type		Manual Hand Operated		
Media		Water		
Maximum Working Temperature		60 °C / 140 °F		

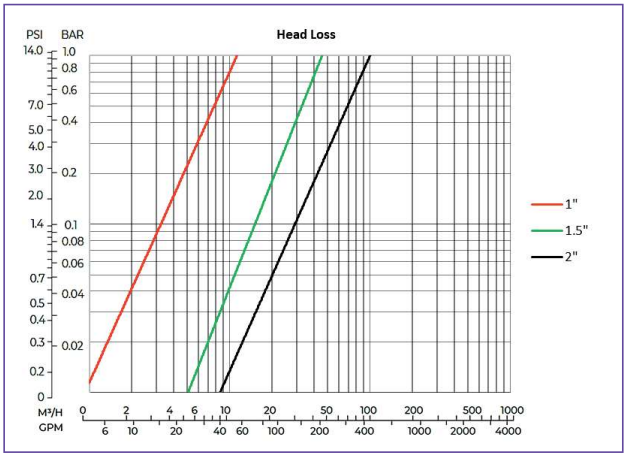
Material Specification			
Part No	Part Name	Material	Quantity
1	Body	PP	1
2	Seal cup Lock	PP/PPGF	1
3	Seal	NBR	1
4	Seal Cup	PP/PPGF	1
5	Lock Clip	PP	1
6	Steam Housing o Ring (Outer)	NBR	1
7	Steam Housing o Ring (Inner)	NBR	1
8	Steam Housing	PP	1
9	Shaft	PP/PPGF	1
10	Cap	PP	1
11	Lock Pin	POM	1
12	Throttle Wheel	PP	1

Product Dimensions				
Dimensions		AQ-192	AQ-193	AQ-194
A	CM	17	22.2	25
	INCH	6 11/16	8 47/64	9 27/32
B	CM	12.6	17.7	20
	INCH	4 61/64	6 31/32	7 7/8
C	CM	15.5	21.2	25.4
	INCH	6 7/64	8 11/32	10
C1	CM	17	24	29.2
	INCH	6 11/16	9 29/64	11 1/2



C: Valve fully closed | C1: Valve fully open

Performance Graphs



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