

DOUBLE CHAMBER AIR VALVE

3 - EFFECT, KINETIC - AUTOMATIC COMBINATION (Air Discharge, Air Intake, Air Release)

This type of air valve is the new-generation design for the well-known "double chamber" air valve. The 3 functions of traditional double chamber design is conserved, combining thermo-plastic cylindrical shaped main float for air intake and air discharge functions with the stainless steel float for air -release function.

This gives an advantage on long-term corrosion resistance and longer operational lifetime compared to the competitors' designs in the market.

Functions:

1. Discharge of air in high volume in the pipe-line to atmosphere during pipe filling. (Atmospheric Function)
2. Intake of air in high volume into the pipe line during pipe-line emptying (Atmospheric Functio).
3. Discharge of low volumes of air preventing them to accumulate and form "air-pockets" during pipe-line operation (Pressurized Function)

SIZE, WEIGHT AND DIMENSIONS, CAPACITY:

DN (mm)	H (mm)	L (mm)	Weight (Kg.)	Capacity (nl/s)*
50	280	295	18	60
80	340	350	24	160
100	390	380	33	250
150	415	415	61	520
200	530	495	106	1020
250	655	560	136	1570
300	740	680	196	2260

*Capacity is the limited flowrate with Anti-shock orifice for normal operation.

