

GENERAL DESCRIPTION

APAV-A Series Automatic Air Valves are the valves that operate with line pressure. APAV-A Series Automatic Air Valves are the air valves that provide the venting of the air during filling and preventing of vacuum by taking air into the installation during discharging. APAV-A Series Automatic Air Valves are the continuously discharge of air in the system under pressure, that is distinguishing the feature from the kinetic air valves.

TYPICAL APPLICATIONS

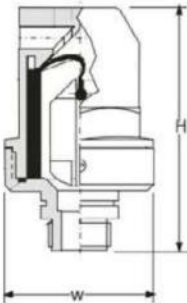
- Pump Systems
- Filter Systems



1/2" - 3/4" - 1"

2"

SIZES



	W	H
1/2"-DN15	58,88	112
3/4"- DN20	58,88	112,75
1" DN25	85,65	136,57
2" DN50	103	243

OPERATION PRINCIPLES

The float in the APAV-A automatic Air valve, depending on the water level, moves up/down direction. When the water level rises, the float will be on the top point and the air valve will close fully tightness. When the water level is low, the float will return to its original position. Air and Water moves together when filling the line. The rising air is discharged from the air valve and closes when the water level rises.

The air valve prevents vacuuming thanks to the air entering the system from the air valve. APAV-A Series Automatic Air Valves are the continuous discharge of air in the system under pressure.

GENERAL SPECIFICATIONS	
PRESSURE CLASS	10 Bar/ 175 Psi
CONNECTION SIZE	2 1/2" - W - 1" - 2"
AIR VALVE TYPE	Automatic Type
MATERIAL SPECIFICATIONS	
BODY	Polyamide
UPPER BODY	Polyamide
UPPER FLOAT	PPGF
FLOAT	Expanded PP
SEALING GASKET	EDPM
CONNECTION	
THREADED	BSP (standard) / NPT (optional)

