Specification: Air Valve for Sewage and Water Service ( #986 )

Combination Air Valves shall conform to the following:
Automatic Air and Vacuum Valves shall be infinitely variable automatic air and vacuum valves designed to allow escape of air for a operating range starting from pressure range: 0,0 through 250 psi ( 0 – 17,2 bar ), close watertight when liquid enters the valve even when the fluid is rising without pressure ( no minimum operating pressure required), allow air to enter in the event of a vacuum, and soft working behavior as water hammer inhibition realized by roll-on diaphragm and spring mechanism. When the sealing device of the valve is closed an air cushion is trapped between the fluid and sealing area, a mud deflector made of PE allows no contact between fluid and sealing area. The valve body and spindle spring shall be stainless steel grade 316Ti, designed to facilitate disassembly for cleaning and maintenance. The float shall be Delrin ( Polyoximethylene, POM ); the valve seat and all working parts shall be of corrosion-resistant materials. Valves shall be equipped with the necessary attachments, including ball valve, to permit back flushing after installation without dismantling the valve. Valves shall be recommended by the manufacturer for wastewater service.

Air and vacuum valves shall be manufactured by Hawle.

Specification: Air Valve Set for Operating Range 0 – 250 psi / 0 – 17,2 bar ( #985 )

Automatic Air and Vacuum Valves shall be infinitely variable automatic air and vacuum valves designed to allow escape of air for a operating range starting from pressure range: 0,0 through 250 psi ( 0 – 17,2 bar ), close watertight when liquid enters the valve even when the fluid is rising without pressure ( no minimum operating pressure required), allow air to enter in the event of a vacuum, and soft working behaviour as water hammer inhibition realized by roll-on diaphragm and spring mechanism. When the sealing device of the valve is closed an air cushion is trapped between the fluid and sealing area, a mud deflector made of PE allows no contact between fluid and sealing area. The valve body and spindle spring shall be stainless steel grade 316Ti, designed to facilitate disassembly for cleaning and maintenance. The float shall be Delrin ( Polyoximethylene, POM ); the valve seat and all working parts shall be of corrosion-resistant materials. Valves shall be equipped with the necessary attachments, including ball valve, to permit back flushing after installation without dismantling the valve. Valves shall be recommended by the manufacturer for wastewater service.

The air valve set is provided with a PE shaft replacing a manhole, a shut-off device with a steel plate of hard-rolled stainless steel and straight-through bore when open, two maintenance outlets with hose connection and ball valve, lateral outlet for waste air with PE elbow as swivelling device equipped with additional protection grid, drain-off fitting at the shaft bottom. After closing the shut-off device by integrated operating tool and removal of the upper ball valve the air valve can be taken out of the shaft for maintenance purposes. Valves shall be recommended by the manufacturer for wastewater service.

Air and vacuum valves shall be manufactured by Hawle.

Specification: Air Valve For Water Service ( #987; 1” )

The valve shall be a combination air/vacuum – single orifice automatic air release valve with 1” connection to the pipeline. The valve shall be of corrosion free materials, single orifice for allow air to escape and enter in the event of a vacuum condition. The valve shall be of one-piece body design. Body and float shall be Delrin® (Polyoximethylene, POM). The seat and valve plug made of CuAl10. The valve sealing is rubber made of EPDM. The valve shall have a protection cap of PE.

Air and vacuum valves shall be manufactured by Hawle

Specification: Air Valve For Water Service ( #987; 2” )

The valve shall be a combination air/vacuum – double orifice automatic air release valve with 2” connection to the pipeline. The valve shall be of one-piece body design. The internal parts shall have a small orifice within tripod for small air discharge and a big orifice within bonnet of base housing for main air discharge and allow air to enter in the event of a vacuum condition. The material of the body and the flow shall be Delrin® ( Polyoximethylene, POM ). The valve sealing is rubber made of EPDM. The valve shall have a protection cap of PE.

Air and vacuum valves shall be manufactured by Hawle

Specification: Automatic Air Valve Set ( #992 )
Valve with Shaft for Underground Installation

Automatic air valve with standpipe of stainless steel (replacing a shaft), BAIO® spigot end or flanged connection drilled, of Ductile Iron (GJS-400), high-quality corrosion protection by fluidized bed epoxy powder coating inside and outside. The valve shall be a combination air/vacuum – double orifice automatic air release valve. The valve shall be of one-piece body design. The internal parts shall have a small orifice within tripod for small air discharge and a big orifice within bonnet of base housing for main air discharge and allow air to enter in the event of a vacuum condition. The material of the body and the flow shall be Delrin® ( Polyoximethylene, POM ). The valve sealing is rubber made of EPDM. Standpipe of stainless steel suitable for above ground and underground installation, standpipe with drain-off fitting.

Air and vacuum valves shall be manufactured by Hawle.