Written Specification:

The Maxiair® valves have an orifice with the same diameter as the inlet diameter, which allows large quantities of air to be vented when being filled with liquid and the reverse for vacuum conditions when the system is draining.

The Maxiair® valve is design so that the velocity of air passing through will not blow the float shut at normal design volumes. It will close with the arrival of liquid in the valve and will not open to vent as long as the system is under pressure and in operation.

The Maxiair® valves have guides which place the float into the seat when closed. The guides are peripheral to the float and fixed to the body (or the cup) and hanger assembly. The guide system has unobstructed closure due to the fact that there are no guide bushings to collect dirt and bind up and no shafts to bend or deform.

The Maxiair® valves body, top and flanges are ductile iron. Stainless steel floats and Buna-n seat are standard along with the Armstrong gasket.

The valves shall be equal in all respects to Flomatic models 6520, 6521, 6522, 6523, 6524 and 6525.

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