

**TABLE 6-2**  
**Backflow Prevention Devices, Assemblies and Methods**

Degree of Hazard						
Device, Assembly, or Method <sup>1</sup>	Applicable Standards <sup>6</sup>	Pollution (Low Hazard)		Contamination (High Hazard)		Installation <sup>2,3</sup>
		Back-Siphonage	Back-Pressure	Back-Siphonage	Back-Pressure	
Airgap	ASME A112.1.2	X		X		See Table 6-3 in this chapter.
Airgap fittings for use with plumbing fixtures, appliances and appurtenances	ASME A112.1.3	X		X		Airgap fitting is a device with an internal airgap and typical installation includes plumbing fixtures, appliances and appurtenances. The critical level shall not be installed below the flood level rim.
Atmospheric-type vacuum breaker (consists of a body, checking member and atmospheric port)	ASSE 1001 or CSA B 64.1.1	X		X		Upright position. No valve downstream. Minimum of 15cm or listed distance above all down-stream piping and flood-level rim of receptor. <sup>4,5</sup>
Antisiphon fill valve (ballcocks) for gravity water closet flush tanks and urinal tanks	ASSE 1002 or CSA B 125.3	X		X		Installation on gravity water closet flush tank and urinal tanks with the fill valve installed with the critical level not less than 25mm above the opening of the overflow pipe. <sup>4,5</sup>
Vacuum breaker wall hydrants, hose bibbs, automatic draining type	ASSE 1019 or CSA B 64.2.1.1	X		X		Installation includes wall hydrants and hose bibbs. Such devices are not for use under continuous pressure conditions (means of shut-off downstream of device is prohibited). <sup>4,5</sup>
Backflow preventer for Carbonated Beverage Dispensers (two independent check valves with a vent to the atmosphere)	ASSE 1022	X				Installation includes carbonated beverage machines or dispensers. These devices operate under intermittent or continuous pressure conditions.