

TABLE 6-2 (continued)

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	
Spill-Resistant Pressure-Type Backflow Prevention Assembly (single check valve with air inlet vent and means of field testing)	ASSE 1056	X		X		Upright position. Minimum of 15cm or listed distance above all down-stream piping and flood-level rim of receptor. <sup>5</sup>
Double Check Valve Backflow Prevention Assembly (two independent check valves and means of field testing)	ASSE 1015; AWWA C510; CSA B 64.5 or CSA B 64.5.1	X	X			Horizontal unless otherwise listed. Requires 30cm clearance at bottom for maintenance. May need platform/ ladder for test and repair. Does not discharge water.
	ASSE 1048	X	X			Horizontal unless otherwise listed. Requires 30cm clearance at bottom for maintenance. May need platform/ ladder for test and repair. Does not discharge water. Installation includes a fire protection system and is designed to operate under continuous pressure conditions.
Pressure Vacuum Breaker Backflow Prevention Assembly (loaded air inlet valve, internally loaded check valve and means of field testing)	ASSE 1020 or CSA B 64.1.2	X		X		Upright position. May have valves downstream. Minimum of 30cm above all down-stream piping and flood-level rim of receptor. May discharge water.
Reduced Pressure Principle Backflow Prevention Assembly (two independently acting loaded check valves, a pressure relief valve and means of field testing)	ASSE 1047	X	X	X	X	Horizontal unless otherwise listed. Requires 30cm minimum clearance at bottom for maintenance. May need platform/ladder for test and repair. May discharge water. Installation includes a fire protection system and is designed to operate under continuous pressure conditions.
	ASSE 1013; AWWA C511; CSA B64.4 or CSA B64.4.1	X	X	X	X	Horizontal unless otherwise listed. Requires 30cm minimum clearance at bottom for maintenance. May need platform/ ladder for test and repair. May discharge water.

<sup>1</sup> See description of devices and assemblies in this chapter.<sup>2</sup> Installation in pit or vault requires previous approval by the Authority Having Jurisdiction.<sup>3</sup> Refer to general and specific requirement for installation.<sup>4</sup> Not to be subjected to operating pressure for more than 12 hours in any 24 hour period.<sup>5</sup> For deck-mounted and equipment-mounted vacuum breaker, see Section 603.4.15.<sup>6</sup> Standards listed in Table 6-2 or equivalent International Standard(s) approved by the Authority Having Jurisdiction shall be permitted.

SI: 1cm = 0.39 in.