

FACILITIES MANAGEMENT CROSS-CONNECTION PROGRAM	
INTERCONNECTIONS AND RECOMMENDATIONS	
	4/3/2024
POINT OF INTERCONNECTION	RECOMMENDATION OF AIR GAPS, DEVICES, ASSEMBLIES
Supply to building, 1/2" - 2"	RPZ, Wilkins/Zurn 975XL, Standard # 1013 or equal
Supply to building, 2-1/2" - 6"	RPZ, Wilkins/Zurn 375, Standard # 1013 or equal
Fire line, 3/4" - 2"	DCVA, Wilkins/Zurn 950XL., Standard # 1015 or equal
Fire line, 2-1/2" - 3"	DCDA, Wilkins/Zurn 950DA, Standard # 1048 or equal
Fire line, 4" - 8"	DCDA, Wilkins/Zurn 350ADA, Standard # 1048 or equal
Make-up/cooling water/process water, 1/2" - 2"	PVB, Wilkins/Zurn 720A, Standard # 1020, or RPZ, Wilkins/Zurn 975XL, Standard # 1013 or equal
Make-up/cooling water/process water, 2-1/2" - 6"	RPZ, Wilkins/Zurn 375, Standard # 1013 or equal
Irrigation systems, fountains, ponds, 3/4" - 2"	PVB, Wilkins/Zurn 720A, Standard # 1020, or RPZ, Wilkins/Zurn 975XL, Standard # 1013 or equal
Irrigation systems, 2-1/2" - 6"	RPZ, Wilkins/Zurn 375, Standard # 1013 or equal
Building DI systems (water purification system), 3/4" - 2"	PVB, Wilkins/Zurn 720A, Standard # 1020, or RPZ, Wilkins/Zurn 975XL, Standard # 1013 or equal
Building DI systems (water purification system), 2-1/2" - 4"	RPZ, Wilkins/Zurn 375, Standard # 1013 or equal
Point of use DI systems (water purification systems), 1/4" - 1"	Dual check valve, Wilkins/Zurn 700, Standard # 1024 or equal
Sterilizer, 3/4" - 2"	PVB, Wilkins/Zurn 720A, Standard # 1020, or RPZ, Wilkins/Zurn 975XL, Standard # 1013 or equal
Autoclave, 3/4" - 2"	PVB, Wilkins/Zurn 720A, Standard # 1020, or RPZ, Wilkins/Zurn 975XL, Standard # 1013 or equal
Humidifier, 1/2" - 2"	PVB, Wilkins/Zurn 720A, Standard # 1020, or RPZ, Wilkins/Zurn 975XL, Standard # 1013 or equal
Lab faucet, (on new goose neck)	AVB, Standard # 1001
DI lab faucet, (on new goose neck)	AVB, Standard # 1001
Lab faucet w/o AVB (thread on type), 3/8"	AVB, T&S Brass B-0970, Standard # 1035 or equal
DI Lab faucet w/o AVB (thread on type), 3/8" tin lined	AVB, T&S Brass B-0970, tin lined, Standard # 1035 or equal
Custodial Faucet	PVB, Wilkins/Zurn 720A, Standard # 1020, (T&S B-0665-BSTR-963 faucet)
Custodial Faucet	Pressure Bleed Device Standard #1055 (Hydro)
Outside wall hydrant w/ AVB, 3/4" hose thread	Zurn Z1300, Standard # 1019 or equal
Outside wall hydrant w/o AVB 3/4" hose thread	HBVB, Watts 8FR, Standard # 1011 or equal
Inside hose bibb, 3/4" hose thread	HBVB, Wilkins/Zurn BFP-8, Standard # 1011 or equal
Ground hydrant	Zurn Z1396, Standard # 1019 and HBVB, Watts 8FR, Standard # 1011 and

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	Dual check valve, Wilkins/Zurn 700, Standard # 1024 or equal
Yard hydrant	Zurn Z1361, Standard # 1019 and HBVB, Watts 8FR, Standard # 1011 and Dual check valve, Wilkins/Zurn 700, Standard # 1024 or equal
Hose bibbs on non-potable water lines; Chill water, heating..	Tag as non-potable water
Coffee/juice machine	Carbonated beverage backflow preventer, Wilkins/Zurn 740, Standard # 1022 or equal
Coke machine, carbonated beverage dispensing systems	Carbonated beverage backflow preventer, Wilkins/Zurn 740, Standard # 1022 or equal
Dishwasher drain line	Install air gap on top of counter or air gap at floor drain
Ice Maker/Machines	Install air gap on drain
Commerce dish machine water line	AVB, Wilkins/Zurn 35, Standard # 1001, or PVB, Wilkins/Zurn 720A, Standard # 1020, or RPZ, Wilkins/Zurn 975XL, Standard # 1013 or equal
Garbage disposal	AVB, Wilkins/Zurn 35, Standard # 1001, or PVB, Wilkins/Zurn 720A, Standard # 1020, or RPZ, Wilkins/Zurn 975XL, Standard # 1013 or equal
Soap pumping machines	PVB, Wilkins/Zurn 720A, Standard # 1020, or RPZ, Wilkins/Zurn 975XL, Standard # 1013 or equal
Fire hydrant (irrigation, make-up, etc...), (portable unit)	RPZ, Wilkins/Zurn 975XL, Standard # 1013 or equal
Quick fill lines for chill water, (portable unit)	RPZ, Wilkins/Zurn 975XL, Standard # 1013 or equal
Hot box for outside enclosure	Standard # 1060
Trap seal primer	Standard # 1018 or # 1044
Water hammer arrestors	Standard # 1010
Swimming pool, whirlpools, saunas	PVB, Wilkins/Zurn 720A, Standard # 1020, or RPZ, Wilkins/Zurn 975XL, Standard # 1013 or equal
Pressure washers, (stationary car or equipment washer)	PVB, Wilkins/Zurn 720A, Standard # 1020, or RPZ, Wilkins/Zurn 975XL, Standard # 1013 or equal
Pressure washers, (portable unit)	HBVB, Watts 8FR, Standard # 1011 or HBVB, Wilkins/Zurn BFP-8, Standard # 1011 or equal
Temporary water service for contractors	PVB, Wilkins/Zurn 720A, Standard # 1020, or RPZ, Wilkins/Zurn 975XL, Standard # 1013 or equal
	AVB Atmospheric Vacuum Breaker
	PVB Pressure Vacuum Breaker
	DCVA Double Check Valve Assembly
	DCDA Double Check Detector Assembly
	RPZ Reduced Pressure Zone Assembly

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HBVB	Hose Bibb Vacuum Breaker