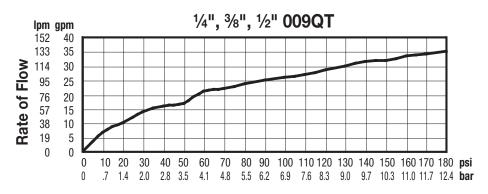
For Health Hazard Applications

Job Name C	Contractor
	pproval
	Contractor's P.O. No.
	Representative

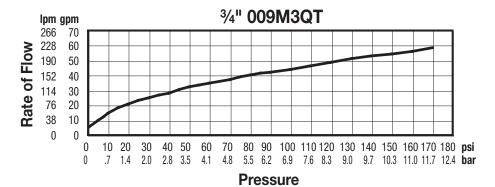
Series 009, 909, 919, 957 and 994

Reduced Pressure Zone Assemblies

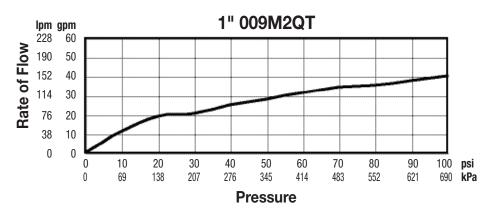
Relief Valve Discharge Rates



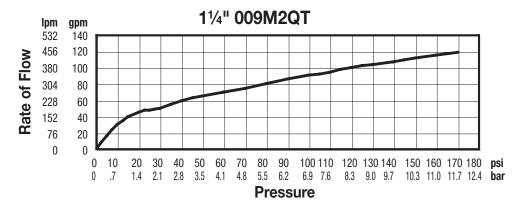
Pressure

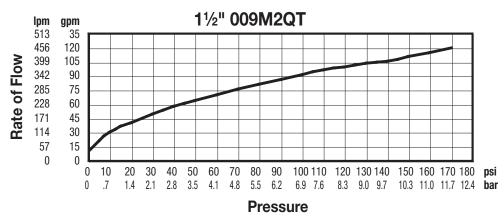


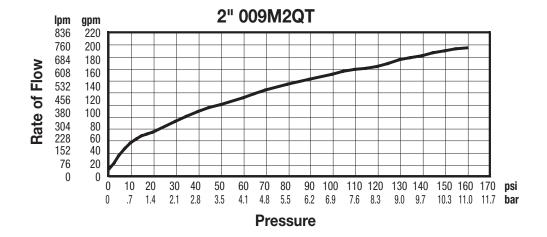
Note: These curves represent catastrophic or worst case discharge rates. These curves were developed by pressurizing the outlet of the backflow preventer with the second check valve's internals removed from the body.



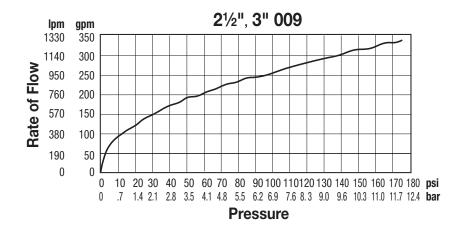


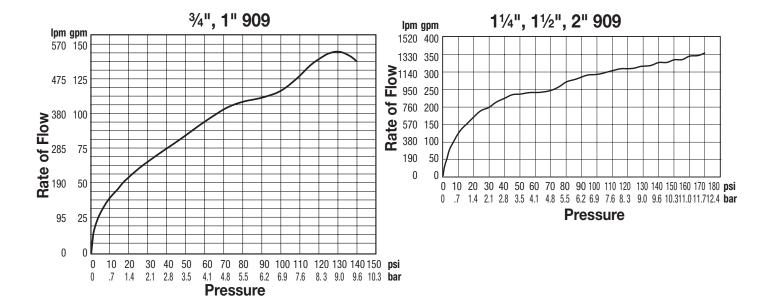


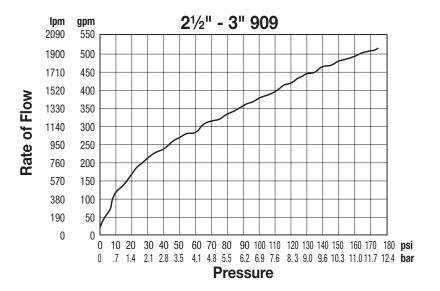


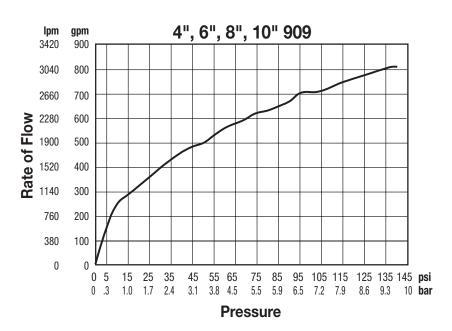


Note: These curves represent catastrophic or worst case discharge rates. These curves were developed by pressurizing the outlet of the backflow preventer with the second check valve's internals removed from the body.



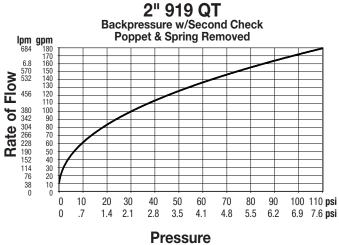


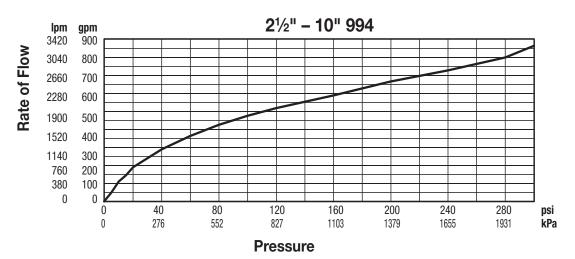


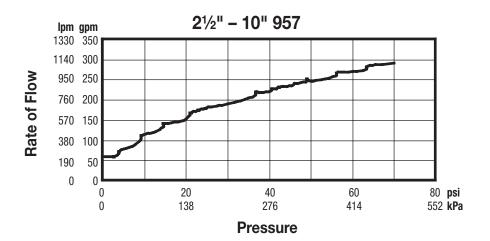


Note: These curves represent catastrophic or worst case discharge rates. These curves were developed by pressurizing the outlet of the backflow preventer with the second check valve's internals removed from the body.

1" 919 RV Capacity w/Second Check Removed lpm gpm 228 60 190 50 Rate of Flow 152 40 114 30 76 20 38 10 0 0 0 10 20 30 40 50 60 70 80 90 100 110120130 140150160 170 180 **psi** 0 .7 1.42.0 2.8 3.5 4.1 4.8 5.5 6.2 6.9 7.8 8.3 9.0 9.710.311.011.712.4 bar **Pressure**







Note:	These curves
represe	ent catastrophic
or wors	st case discharge
rates.	These curves
were d	eveloped by pres-
surizing	g the outlet of
the bad	ckflow preventer
with th	e second check
valve's	internals removed
from th	ie body.

Typical Flow Rates as sized by floor drain manufacturers		Drain Size
gpm	lpm	
55	209	2
112	426	3
170	646	4
350	1330	5



