



(shown with NRS gates)



### FEATURES

Sizes:  65\*  80\*  100  150  200  250

Maximum working water pressure 1203 kPa  
 Maximum working water temperature 60°C  
 Hydrostatic test pressure 2413 kPa  
 End connections (Grooved for steel pipe) AWWA C606

\*65 & 80mm sizes use 100mm body & reducer couplings

### OPTIONS (Suffixes can be combined)

- L - less shut-off valves (grooved body connections)
- OSY - with flanged end OS&Y gate valves
- OSYG - with grooved end OS&Y gate valves

### ACCESSORIES

- Repair kit (rubber only)
- OS & Y Gate valve tamper switch (OSY-40)
- Test Cock Lock (Model TCL24)

### APPLICATION

Designed for installation on potable water lines to protect against both backsiphonage and backpressure of contaminated water into the potable water supply. The Model 375A provides protection where a potential health hazard exists. Ideal for use where lead-free\* valves are required.

### STANDARDS COMPLIANCE

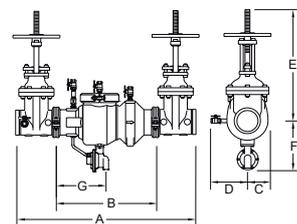
- ASSE® Listed 1013
- AWWA Compliant C511 (with gates only), and C550
- IAPMO® Listed
- CSA® Certified (65 - 200mm)
- UL® Classified
- C-UL® Classified
- FM® Approved
- Approved by the Foundation for Cross Connection Control and Hydraulic Research at the University of Southern California.
- NYC MEA 484-04-M
- NSF® Listed-Standard 61, Annex G\*

\*(0.25% MAX. WEIGHTED AVERAGE LEAD CONTENT)

### MATERIALS

Main valve body	Ductile Iron ASTM A 536 Grade 4
Access covers	Ductile Iron ASTM A 536 Grade 4
Coatings	FDA Approved electrostatic epoxy finish
Internals	Stainless steel, 300 Series NORYL™, NSF Listed
Fasteners & Springs	Stainless Steel, 300 Series
Seal rings	EPDM (FDA approved)
O-rings	Buna Nitrile (FDA approved)
Sensing line	Stainless Steel, braided hose

MODEL 375A OSYG



Relief Valve discharge port:  
 65 - 150mm - 17.74 sq cm.  
 200 - 250mm - 23.8 sq cm.

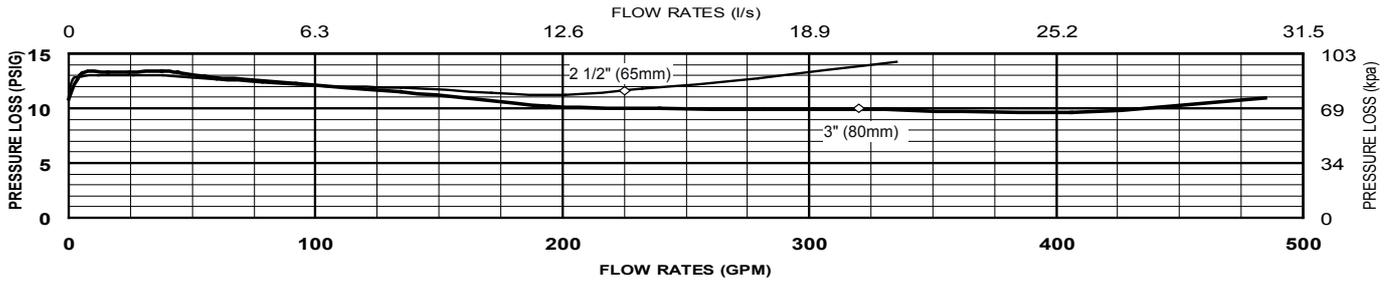
### DIMENSIONS & WEIGHTS (do not include pkg.)

Attention: Model 375A (grooved body) and Model 375 (flange body) have different lay lengths

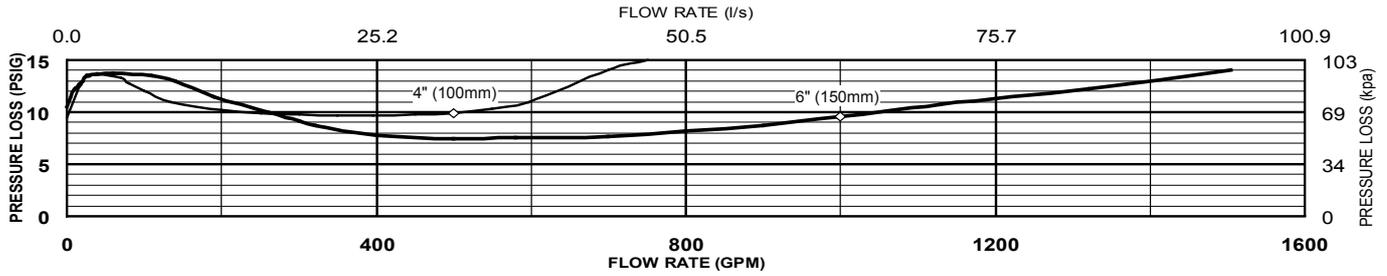
MODEL SIZE (mm)	A OS & Y	B less gates	C	D	E OS&Y (open)	F	G (approx only)	WEIGHT (less gates)	WEIGHT (with OS & Y gates)
65	892	511	114	184	416	279	247	44	53
80	918	511	114	184	479	279	247	44	53
100	972	505	114	203	578	279	247	38	52
150	1200	657	140	254	765	314	330	62	85
200	1575	978	254	279	959	391	440	139	188
250	1641	978	254	305	1162	391	435	162	241

## FLOW CHARACTERISTICS

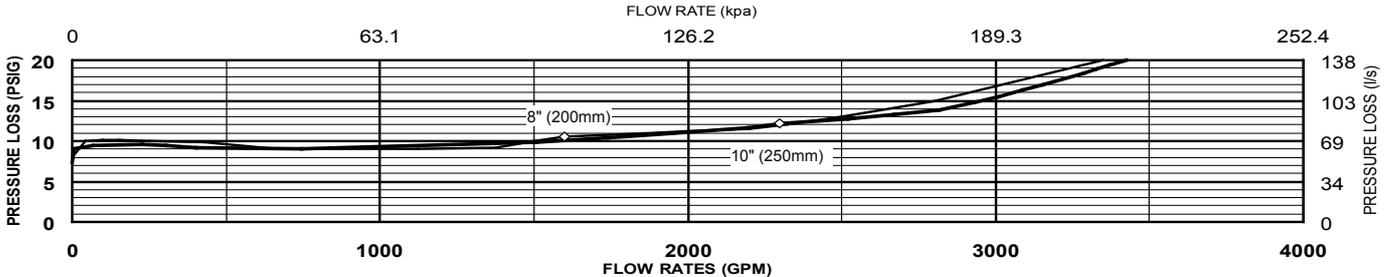
### MODEL 375A 2-1/2" - 3" (STANDARD AND METRIC)



### MODEL 375A 4" & 6" (STANDARD & METRIC)



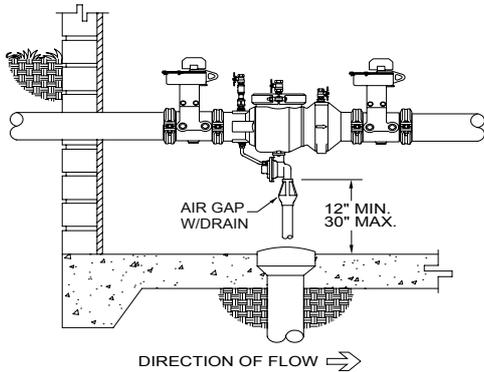
### MODEL 375A 8" & 10" (STANDARD AND METRIC)



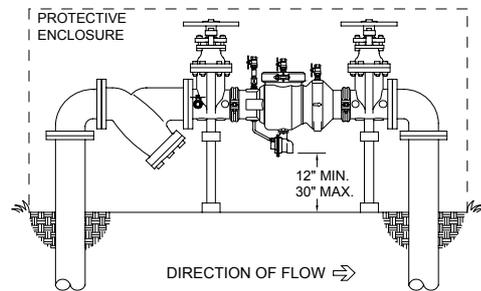
◇ Rated Flow (Established by approval agencies)

### TYPICAL INSTALLATION

Local codes shall govern installation requirements. Unless otherwise specified, the assembly shall be mounted at a minimum of 12" (305mm) and a maximum of 30" (762mm) above adequate drains with sufficient side clearance for testing and maintenance. The installation shall be made so that no part of the unit can be submerged.



**INDOOR INSTALLATION (375A with BGVIC option)**



**OUTDOOR INSTALLATION (375A with FSC option)**

Capacity thru Schedule 40 Pipe (GPM)				
Pipe size	5 ft/sec	7.5 ft/sec	10 ft/sec	15 ft/sec
2 1/2"	75	112	149	224
3"	115	173	230	346
4"	198	298	397	595
6"	450	675	900	1351
8"	780	1169	1559	2339
10"	1229	1843	2458	3687
12"	1763	2644	3525	5288