



# SAFETY-RELIEF VALVE

## MODEL 3900 WATER CAPACITY CHART

PLASTIC SEATS

**\*ASME**  
UV CODED  
NATIONAL BOARDED

\* ASME UV CODED PER SEC. VIII DIV. I  
LIQUID SERVICE (PLASTIC SEAT ONLY)

### GPM AT 70°F AND 10% OVERPRESSURE

SET PRESSURE (PSIG)	MINIMUM CONNECTIONS		
	1/2 x 1/2	SET PRESSURE	1/2 x 1/2
	ORIFICE DIAMETER (IN.)		
	.250	PSIG	.250
75	7.2	550	19.6
80	7.5	600	20.5
85	7.7	650	21.3
90	7.9	700	22.1
95	8.1	750	22.9
100	8.4	800	23.6
110	8.8	850	24.4
120	9.2	900	25.1
130	9.5	950	25.8
140	9.9	1000	26.4
150	10.2	1050	27.1
160	10.6	1100	27.7
170	10.9	1150	28.3
180	11.2	1200	29.0
190	11.5	1250	29.6
200	11.8	1300	30.1
210	12.1	1350	30.7
220	12.4	1400	31.3
230	12.7	1450	31.8
240	13.0	1500	32.4
250	13.2	1550	32.9
275	13.9	1600	33.4
300	14.5	1650	34.0
325	15.1	1700	34.5
350	15.6	1750	35.0
375	16.2	1800	35.5
400	16.7	1850	36.0
425	17.2	1900	36.4
450	17.7	1950	36.9
475	18.2	2000	37.4
500	18.7		