



HYDRO TEST PRESSURE  
1.5 TIMES COLD WORKING PRESSURE - CWP

SEE DRAWING NO. VM-502A-M FOR STANDARD MATERIALS OF CONSTRUCTION.

DRAWING DEPICTS 24" SIZE TO SCALE

ANSI CLASS 125

VALVE SIZE	MODEL NO.	CWP (PSI)	A	B	C	D	E	F	G	K	BOLT SIZE	NO. OF BOLTS	NO. BOLTS TAPPED
2	502ARL	150	8.13	4.75	6.00	0.81	1.75	3.38	1.75	5.18	5/8	4	--
2 1/2	525ARL	150	8.63	5.50	7.00	0.88	2.25	3.38	1.75	5.18	5/8	4	--
3	503ARL	150	9.63	6.00	7.50	0.94	2.75	5.13	1.75	7.50	5/8	4	--
4	504ARL	150	11.75	7.50	9.00	0.88	3.75	5.75	2.25	8.25	5/8	8	--
6	506CRL	150	14.25	9.50	11.00	0.88	5.75	6.88	1.75	11.13	3/4	8	--
8	508ARL	150	19.75	11.75	13.50	1.00	7.75	8.38	3.00	16.00	3/4	8	--
10	510ARL	150	24.75	14.25	16.00	1.31	9.75	10.75	3.25	21.00	7/8	12	--
12	512ARL	150	27.75	17.00	19.00	1.38	11.75	12.50	3.69	24.00	7/8	12	--
14	514ARL	150	31.25	18.75	21.00	1.50	13.75	13.00	3.75	23.25	1	12	--
16	516CRL	150	36.25	21.25	23.50	1.56	15.75	14.25	5.38	25.25	1	16	--
18	518CRL	150	40.25	22.75	25.00	1.69	17.75	15.25	5.25	28.25	1 1/8	16	--
20	520ARL	150	40.25	25.00	27.50	1.81	19.75	16.88	3.63	30.63	1 1/8	20	--
24	524ARL	150	48.25	29.50	32.00	2.00	23.75	19.25	5.13	36.00	1 1/4	20	--
30	530ARL	150	56.25	36.00	38.75	2.25	29.75	23.00	5.88	45.88	1 1/4	28	4
36	536ARL	150	63.25	42.75	46.00	2.50	35.75	27.38	4.00	55.00	1 1/2	32	10
42	542ARL	150	70.25	49.50	53.00	2.75	41.75	36.88	0.13	60.18	1 1/2	36	12
48	548ARL	150	76.25	56.00	59.50	2.875	47.75	40.66	0.13	68.00	1 1/2	44	12

Revised 5-3-21 (Rev 6)

SWING-FLEX<sup>®</sup> CHECK VALVE WITH RUBBER LINING

DATE 8-14-09

**VAL-MATIC<sup>®</sup>**

VALVE AND MANUFACTURING CORP.

DRWG. NO.

VMC-502ARL