

## Redflex® J-1 Expansion Joints - Pressure Ratings and Control Rods Specification #RV-R-CR

The table below indicates the number of control rods to be used by size and pressure ratings.  
This chart can be used to select the proper number of rods required for expansion joints for all pressure ranges.

Expansion Joint Size	Standard Test Pressure (psi)	Test Pressure (psi)	Minimum Number of Control Rods	High Pressure (psi)	Test Pressure (psi)	Minimum Number of Control Rods	Extra High Pressure (psi)	Test Pressure (psi)	Minimum Number of Control Rods
1"	165	248	2	200	300	2	300	450	2
1¼"	165	248	2	200	300	2	300	450	2
1½"	165	248	2	200	300	2	300	450	2
2"	165	248	2	200	300	2	300	450	2
2½"	165	248	2	200	300	2	300	450	2
3"	165	248	2	200	300	2	300	450	2
4"	165	248	2	200	300	2	300	450	3
5"	140	210	2	190	285	2	300	450	4
6"	140	210	3	190	285	3	300	450	4
8"	140	210	3	190	285	3	225	338	4
10"	140	210	3	190	285	3	225	338	6
12"	140	210	3	190	285	3	225	338	6
14"	85	128	3	130	195	3	200	300	6
16"	65	98	3	110	165	3	200	300	6
18"	65	98	3	110	165	3	200	300	8
20"	65	98	3	110	165	3	200	300	8
24"	65	98	3	100	150	3	200	300	10
28"	55	83	3	90	135	3	200	300	10
30"	55	83	3	90	135	3	200	300	10
36"	55	83	3	90	135	3	175	263	10
42"	55	83	4	80	120	4	175	263	12
48"	55	83	6	80	120	6	175	263	12
54"	55	83	6	80	120	6	125	188	14
60"	55	83	6	80	120	6	125	188	14
66"	55	83	6	80	120	6	125	188	14
72"	45	68	6	70	105	6	125	188	14

**NOTE:**

- The test pressure rating is for hydrotest purposes only.
- Once the test pressure is reached, the test should begin, and be run for 10 minutes without leaks.