



UNISOURCE
UNI ROD-D
Standard Control Units
For Double Rubber
Expansion Joints

Metallic Parts To Consist of:

Galvanized/Plated Steel:

T304 Stainless Steel:

T316 Stainless Steel:

Pipe/EJ Size	Standard Control Unit Assembly of		Plate Thickness	Rod Diameter	Maximum Surge or Test Pressure of System (No. of Control Rods Recommended)					Std. Rod Length	Wgt Per Unit (Lbs.)
	Rods	Plates			2	3	4	6	8		
1-1/2	2	4	3/8	5/8	510	--	--	--	--	14	4.5
2	2	4	3/8	5/8	661	--	--	--	--	14	6.5
2-1/2	2	4	3/8	5/8	529	--	--	--	--	14	7.5
3	2	4	3/8	5/8	441	--	--	--	--	14	8.3
4	2	4	3/8	5/8	311	467	622	--	--	17	7.5
5	2	4	3/8	5/8	235	353	470	--	--	17	8.3
6	2	4	1/2	5/8	186	278	371	--	--	17	10.5
8	2	4	1/2	7/8	163	244	326	--	--	23	13.5
10	2	4	3/4	7/8	163	244	325	488	--	23	21.3
12	2	4	3/4	1-1/8	160	240	320	481	--	23	27.0
14	2	4	3/4	1-1/8	112	167	223	335	--	23	28.0
16	2	4	3/4	1-1/8	113	170	227	340	453	23	28.0
18	2	4	3/4	1-1/8	94	141	187	281	375	23	31.5
20	2	4	1	1-1/8	79	118	158	236	315	23	32.5
24	2	4	1	1-1/4	74	110	147	221	294	23	47.0

Note: Rod diameter, plate thicknesses, and number of rods equal or exceed recommendations by the Non-Metallic Expansion Joint Division of the Fluid Sealing Association Technical Handbook – Sixth Edition.

Customer: _____
 Project: _____
 Engineer: _____
 PO#: _____

Materials

Threaded Rods: (2) ea
Gusset Plates: (4) ea
Nuts: (8) ea
Metal Washers: (4) ea
Rubber Grommets: (8) ea

UNISOURCE MANUFACTURING

Portland, OR

DRAWING UNI ROD-D 9/23/2014