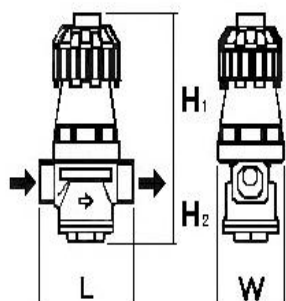


Steam Pressure Reducing Valve

Features

1. Direct acting pressure reducing valve.
2. Accurate regulation and extended service life are achieved with the use of a unique stainless steel bellows pressure sensing element.
3. Wide adjusting range with a single spring.
4. Plastic adjusting handle allows for safe pressure adjustment without the need for any tools.
5. Very compact sizes ensure ease of installation.
6. Brass body with stainless steel internals.

RE1



Model	Connection	Size (in)	Max Steam Pressure (psig)	Adjusting Range (psig)	Max. Press. Drop (Ratio)	Max Temp. °F	Dimensions				Weight (lbs)
							L	H1	H2	W	
RE1	NPT	1/2	230	7-145	10:1	400	3.2	5.4	1.8	2.5	3.1
		3/4					3.5	5.4	1.8	2.5	3.3
		1					4.1	5.7	2.3	2.5	4.2
RE1-4		1/2	145	7-60			3.2	5.4	1.8	2.5	3.1
		3/4					3.5	5.4	1.8	2.5	3.3
		1					4.1	5.7	2.3	2.5	4.2
RE1-2		1/2	145	3-30			3.2	5.4	1.8	2.5	3.1
		3/4					3.5	5.4	1.8	2.5	3.3
		1					4.1	5.7	2.3	2.5	4.2

CAPACITY DATA

LBS/HR SATURATED STEAM

1/2" RE1 / RE1-4

INLET STEAM PRESSURE

OUTLET STEAM PRESSURE

PSIG	30	45	60	70	85	100	115	130	140	155	170	185	230
5		18	22	26									
15	40	44	51	59	62	70	77	81	86				
20	42	66	73	84	88	95	103	108	117	125	132	139	
30		70	92	101	108	121	128	139	145	154	165	174	194
35			99	114	125	139	143	158	169	183	191	205	220
45			97	121	139	154	163	180	194	209	216	231	251
50				123	147	165	176	196	213	229	240	253	273
55				119	150	172	191	209	229	249	260	275	297
65					143	174	200	220	246	264	277	293	315
70						169	205	229	255	279	295	308	332
80						161	202	233	262	290	306	321	345
85							196	231	264	295	317	334	356
90								227	260	299	323	341	367
100								209	253	304	330	348	374
105									238	299	334	354	381
115									213	293	334	356	385
120										277	330	361	385
130											319	356	385
135											304	352	383
140												341	378

3/4" RE1 / RE1-4

INLET STEAM PRESSURE

OUTLET STEAM PRESSURE

PSIG	30	45	60	70	85	100	115	130	140	155	170	185	230
5		24	33	40									
15	53	66	77	88	90	106	117	122	128				
20	64	99	112	101	132	143	154	162	178	188	198	209	231
30		110	139	152	163	183	189	205	215	231	248	261	290
35			149	172	187	209	216	238	257	275	290	304	330
45			145	180	209	231	244	267	294	314	327	347	374
50				183	220	249	264	294	320	343	361	380	407
55				178	222	257	286	317	345	373	389	413	442
65					216	260	301	330	367	396	416	442	471
70						253	306	343	383	419	442	462	499
80						240	304	347	394	436	459	484	519
85							295	347	396	444	473	502	535
90								339	393	451	486	512	551
100								314	380	455	495	521	561
105									356	451	499	531	572
115									323	436	502	539	578
120										413	495	539	581
130											479	537	578
135											453	526	572
140												512	565

1" RE1 / RE1-4

INLET STEAM PRESSURE

OUTLET STEAM PRESSURE

PSIG	30	45	60	70	85	100	115	130	140	155	170	185	230
5		44	55	66									
15	88	110	128	147	152	176	194	198	216				
20	106	165	187	207	220	238	257	266	293	317	330	352	480
30		183	231	253	271	304	317	341	359	392	414	436	550
35			248	286	312	348	359	396	427	458	477	508	625
45			242	304	348	385	407	447	484	524	541	579	684
50				306	367	414	440	491	532	570	601	634	737
55				297	372	429	477	528	574	623	647	684	788
65					359	431	502	550	616	660	693	733	836
70						422	508	572	642	678	737	770	862
80						398	506	583	656	726	759	803	893
85							491	579	660	744	792	838	920
90								563	651	750	812	854	935
100								524	634	757	825	867	953
105									592	750	832	889	961
115									537	728	836	895	966
120										693	825	898	959
130											799	893	957
135											757	880	948
140												748	565

1/2" RE1-2

INLET STEAM PRESSURE

OUTLET STEAM PRESSURE

PSIG	30	45	60	75	85	100	115	130	145
5	20								
10	40	53	59	69	74				
15	54	73	79	80	97	110	122	130	141
20	63	91	101	110	113	135	147	156	167
25		103	121	132	142	161	173	182	197
30		106	145	158	168	190	200	211	225

3/4" RE1-2

INLET STEAM PRESSURE

PSIG	30	45	60	75	85	100	115	130	145
5	26								
10	53	69	79	91	98				
15	72	99	106	119	129	147	161	174	187
20	84	120	133	147	159	180	194	207	225
25		136	160	176	190	215	230	242	262
30		140	193	210	222	249	266	282	302

1" RE1-2

INLET STEAM PRESSURE

OUTLET STEAM PRESSURE

PSIG	30	45	60	75	85	100	115	130	145
5	32								
10	66	88	98	115	123				
15	91	121	132	147	163	180	203	217	233
20	106	152	166	185	200	225	243	260	277
25		170	200	220	240	270	286	306	328
30		176	241	260	278	312	333	352	380