

PAYBACK CHART

TEMP °F / °C	VALVE SIZE (inches)							
	2"	3"	4"	6"	8"	10"	12"	14"
250	\$ 54.48	\$ 84.65	\$ 118.68	\$ 180.85	\$ 267.08	\$ 357.53	\$ 412.14	\$ 600.27
121	20.93	18.78	17.72	16.12	15.25	15.35	16.67	13.6
350	\$ 106.74	\$ 165.50	\$ 231.77	\$ 352.63	\$ 520.32	\$ 696.60	\$ 804.06	\$ 1,167.51
176	10.68	9.61	9.07	8.27	7.83	7.88	8.54	6.99
450	\$ 182.41	\$ 282.25	\$ 394.99	\$ 600.04	\$ 884.68	\$ 1,189.22	\$ 1,375.98	\$ 1,982.28
232	7.24	6.38	5.93	5.28	4.93	4.74	5.21	4.24
550	\$ 279.71	\$ 432.20	\$ 604.46	\$ 917.27	\$ 1,351.61	\$ 1,819.79	\$ 2,108.40	\$ 3,025.32
287	5.36	4.65	4.27	3.74	3.44	3.18	3.54	2.86
650	\$ 407.15	\$ 631.03	\$ 879.29	\$ 1,330.83	\$ 1,960.65	\$ 2,628.03	\$ 3,054.76	\$ 4,358.92
343	4.42	3.47	3.28	2.84	2.52	2.5	2.71	2.28
750	\$ 559.64	\$ 866.54	\$ 1,207.21	\$ 1,826.34	\$ 2,689.81	\$ 3,605.29	\$ 4,191.59	\$ 5,978.49
398	3.22	2.53	2.39	2.07	1.84	1.82	1.98	1.66
850	\$ 757.26	\$ 1,169.73	\$ 1,629.91	\$ 2,461.68	\$ 3,622.14	\$ 4,855.99	\$ 5,652.02	\$ 8,047.29
454	2.65	2.05	1.9	1.65	1.45	1.42	1.53	1.28

Energy savings / Yr (with valve insulation)
Payback period (month)

SAVINGS CHART

TEMP °F / °C	VALVE SIZE (inches)							
	2"	3"	4"	6"	8"	10"	12"	14"
250	777.4	1207.95	1693.45	2580.64	3811	5101.8	5881.05	8565.49
121	\$ 4.54	\$ 7.05	\$ 9.89	\$ 15.07	\$ 22.26	\$ 29.79	\$ 34.35	\$ 50.02
350	1532	2361.5	3307.21	5031.87	7424.68	9940.09	11473	16659
176	\$ 8.89	\$ 13.79	\$ 19.31	\$ 29.39	\$ 43.36	\$ 58.05	\$ 67.00	\$ 97.29
450	2602.82	4027.54	5636.23	8562.23	12623.87	16969.42	19634.45	28285.95
232	\$ 15.20	\$ 23.52	\$ 32.92	\$ 50.00	\$ 73.72	\$ 99.10	\$ 114.67	\$ 165.19
550	3991.34	6167.23	8625.34	13088.87	19286.7	25967.32	30085.65	43169.45
287	\$ 23.31	\$ 36.02	\$ 50.37	\$ 76.44	\$ 112.63	\$ 151.65	\$ 175.70	\$ 252.11
650	580.82	9004.49	12546.96	18990.16	27977.35	37500.45	43589.6	62199.25
343	\$ 33.93	\$ 52.59	\$ 73.27	\$ 110.90	\$ 163.39	\$ 219.00	\$ 254.56	\$ 363.24
750	7985.69	12364.98	17226.12	26060.77	38381.95	51445.35	59811.5	85309.55
398	\$ 46.64	\$ 72.21	\$ 100.60	\$ 152.19	\$ 224.15	\$ 300.44	\$ 349.30	\$ 498.21
850	10805.67	16691.34	23257.81	36259.36	51685.85	69292.1	80651	114830
454	\$ 63.11	\$ 97.48	\$ 135.83	\$ 205.14	\$ 301.85	\$ 404.67	\$ 471.00	\$ 670.61

BTU / hr (with valve insulation)
Monthly energy savings

The engineering data illustrated above is a summary of analysis based on calculations and formulas that have been accepted by the U.S. Department of Energy and performed in accordance to ASTM C 1129-89 (2001)

ANSI 150-Pound Class Flanged Valve