

## ANNUAL COST OF AIR LEAKS

**Cost of Energy = 0.0800 \$ per kWh**  
**Compressor Efficiency = 4.5 Cfm per Bhp**  
**Motor Efficiency = 0.925**

Upstream Psig	Orifice Diameter (Inches)							
	1/16	1/8	1/4	3/8	1/2	5/8	3/4	7/8
	Annual Cost							
20	\$246	\$983	\$3,930	\$8,843	\$15,721	\$24,563	\$35,371	\$48,144
30	\$317	\$1,267	\$5,069	\$11,406	\$20,277	\$31,683	\$45,624	\$62,099
40	\$388	\$1,552	\$6,209	\$13,969	\$24,834	\$38,803	\$55,877	\$76,054
50	\$459	\$1,837	\$7,348	\$16,532	\$29,391	\$45,923	\$66,129	\$90,009
60	\$530	\$2,122	\$8,487	\$19,095	\$33,947	\$53,043	\$76,382	\$103,964
70	\$602	\$2,407	\$9,626	\$21,659	\$38,504	\$60,163	\$86,634	\$117,919
80	\$673	\$2,691	\$10,765	\$24,222	\$43,061	\$67,283	\$96,887	\$131,874
90	\$744	\$2,976	\$11,904	\$26,785	\$47,618	\$74,402	\$107,139	\$145,829
100	\$815	\$3,261	\$13,044	\$29,348	\$52,174	\$81,522	\$117,392	\$159,784
110	\$886	\$3,546	\$14,183	\$31,911	\$56,731	\$88,642	\$127,645	\$173,739
120	\$958	\$3,830	\$15,322	\$34,474	\$61,288	\$95,762	\$137,897	\$187,693
130	\$1,029	\$4,115	\$16,461	\$37,037	\$65,844	\$102,882	\$148,150	\$201,648
140	\$1,100	\$4,400	\$17,600	\$39,601	\$70,401	\$110,002	\$158,402	\$215,603