

Technical Bulletin

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Average Water Usage & Cost of Operation for Air Options, Inc. Elliott Cycle Refrigerated Compressed Air Dryers

Dryer Size (in SCFM)	GPM	Operating Cost Per Month @ \$.005 Per Gallon ⁵
6 ¹	0.01	\$.36
12 ¹	0.01	\$.36
25 ¹	0.02	\$.73
40 ¹	0.02	\$.73
80 ²	0.02	\$ 1.44
120 ²	0.03	\$ 2.16
150 ³	0.03	\$ 2.87
200 ³	0.04	\$ 3.84
250 ³	0.05	\$ 4.80
300 ⁴	0.05	\$ 10.80
350 ⁴	0.06	\$ 12.96
400 ⁴	0.07	\$ 15.12
500 ⁴	0.09	\$ 19.03
600 ⁴	0.11	\$ 23.76
700 ⁴	0.13	\$ 28.08
1000 ⁴	0.16	\$ 34.56
1250 ⁴	0.24	\$ 58.33
1500 ⁴	0.27	\$ 58.33
2000 ⁴	0.36	\$ 77.76
2500 ⁴	0.45	\$ 97.20
3000 ⁴	0.54	\$116.64

1. Based on a 8 hour work day, 20 day work month, 75% compressor duty cycle.
2. Based on a 16 hour work day, 20 day work month, 75% compressor duty cycle.
3. Based on a 16 hour work day, 20 day work month, 100% compressor duty cycle.
4. Based on a 24 hour work day, 7 days per week, 100% compressor duty cycle.
5. Average commercial water rate for the City of Houston Texas.

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AIR-OPTIONS, INC.

Affordable Solutions for Compressed Air